

Initial Calibration Report for SequenceID : FD030725AR

AreaCount

Parameter Range	FD049169.D	FD049170.D	FD049171.D	FD049172.D	FD049173.D	
Aromatic C10-C12	31502271.000	15949911.000	6606460.000	3264428.000	1783314.000	
Aromatic C12-C16	47514269.000	24214219.000	10240128.000	5275160.000	3125439.000	
Aromatic C16-C21	61123303.000	30786599.000	12629908.000	6229605.000	3428089.000	
Aromatic C21-C36	123102672.000	61167323.000	23962500.000	11516521.000	6046514.000	
Aromatic EPH	263242515.000	132118052.000	53438996.000	26285714.000	14383356.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aromatic C10-C12	164744.953	4.959				
Aromatic C12-C16	174935.8179996	11.407				
Aromatic C16-C21	158351.9355	4.764				
Aromatic C21-C36	133632.2906662	2.596				
Aromatic EPH	149466.4287772	3.922				

Concentration

Parameter Range	FD049169.D	FD049170.D	FD049171.D	FD049172.D	FD049173.D	
Aromatic C10-C12	200.000	100.000	40.000	20.000	10.000	
Aromatic C12-C16	300.000	150.000	60.000	30.000	15.000	
Aromatic C16-C21	400.000	200.000	80.000	40.000	20.000	
Aromatic C21-C36	900.000	450.000	180.000	90.000	45.000	
Aromatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FD049169.D	FD049170.D	FD049171.D	FD049172.D	FD049173.D	
Aromatic C10-C12	157511.355000	159499.110000	165161.500000	163221.400000	178331.400000	
Aromatic C12-C16	158380.896666	161428.126666	170668.800000	175838.666666	208362.600000	
Aromatic C16-C21	152808.257500	153932.995000	157873.850000	155740.125000	171404.450000	
Aromatic C21-C36	136780.746666	135927.384444	133125.000000	127961.344444	134366.977777	
Aromatic EPH	146245.841666	146797.835555	148441.655555	146031.744444	159815.066666	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030725AR\
 Data File : FD049169.D
 Signal(s) : FID2B.ch
 Acq On : 06 Mar 2025 09:36
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/10/2025
 Supervised By :Ankita Jodhani 03/10/2025

Integration File: autoint1.e
 Quant Time: Mar 10 02:35:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 10 02:34:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.354	14233081	94.769 ug/ml
Spiked Amount 50.000		Recovery =	189.54%
6) S 2-Fluorobiphenyl (SURR)	8.206	9314999	109.233 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	218.47%#
11) S ortho-Terphenyl (SURR)	11.242	15885582	92.684 ug/ml
Spiked Amount 50.000		Recovery =	185.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.177	15516263	94.473 ug/ml
2) T Naphthalene (C11.7)	5.694	15986008	96.253 ug/ml
3) T 2-Methylnaphthalene (...)	6.742	15593303	94.544 ug/ml
5) T Acenaphthylene (C15.06)	8.009	16009108	94.217 ug/ml
7) T Acenaphthene (C15.5)	8.304	15911858	89.818 ug/ml
8) T Flouorene (C16.55)	9.083	15731068	96.693 ug/ml
9) T Phenanthrene (C19.36)	10.472	15266450	97.177 ug/ml
10) T Anthracene (C19.43)	10.547	14808725	96.304 ug/ml
12) T Fluoranthene (C21.85)	12.278	15425116	95.391 ug/ml
13) T Pyrene (C20.8)	12.572	15317060	96.984 ug/ml
14) T Benzo[a]anthracene (C...	14.444	13951830	109.030 ug/ml
15) T Chrysene (C27.41)	14.488	13736562	87.847 ug/ml
16) T benzo[b]fluoranthene ...	15.995	14317942	104.070 ug/ml
17) T Bnezo[k]fluoranthene ...	16.033	14309028	91.305 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.373	13647231	100.055 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.742	12059011	134.210 ug/ml
20) T Dibenz[a,h]anthracene...	17.776	12526992	80.865 ug/ml
21) T Benzo[g,h,i]perylene ...	17.996	13128960	101.912 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030725AR\
Data File : FD049169.D
Signal(s) : FID2B.ch
Acq On : 06 Mar 2025 09:36
Operator : YP/AJ
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 61 Sample Multiplier: 1

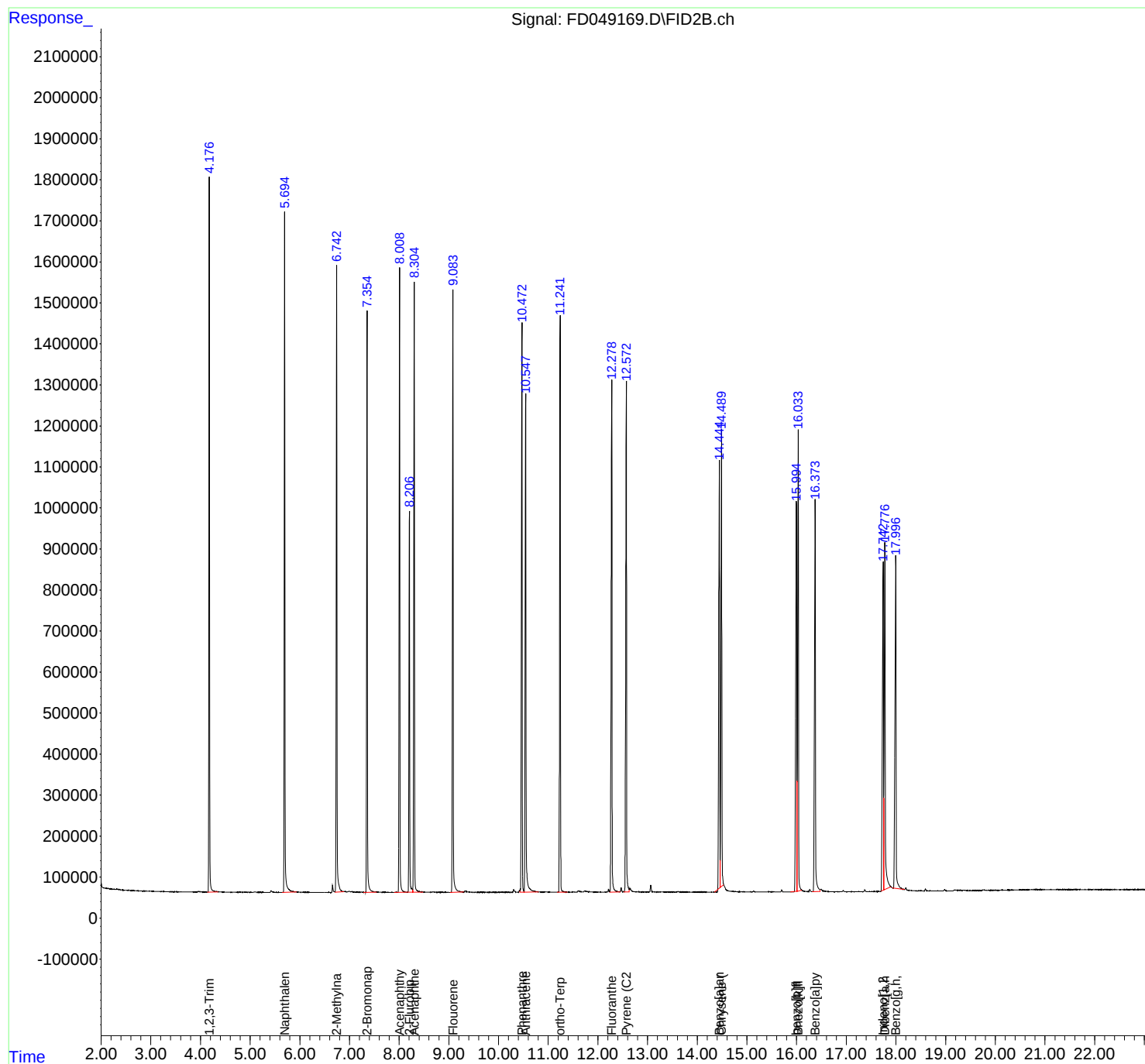
Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

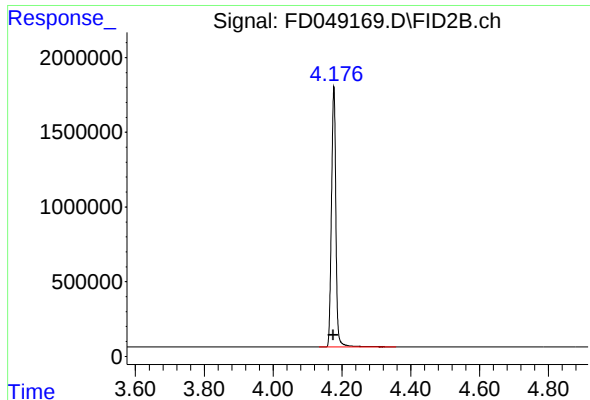
Manual Integrations
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Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025

Integration File: autoint1.e
Quant Time: Mar 10 02:35:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
Quant Title : GC Extractables
QLast Update : Mon Mar 10 02:34:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.177 min
Delta R.T.: 0.002 min
Response: 15516263
Conc: 94.47 ug/ml

Instrument :

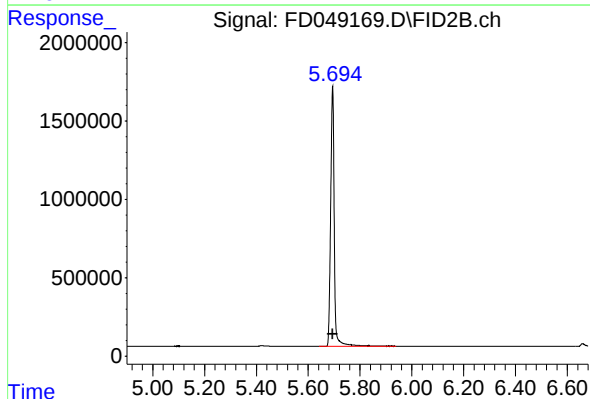
FID_D

ClientSampleId :

100 PPM AROMATIC HC STD1

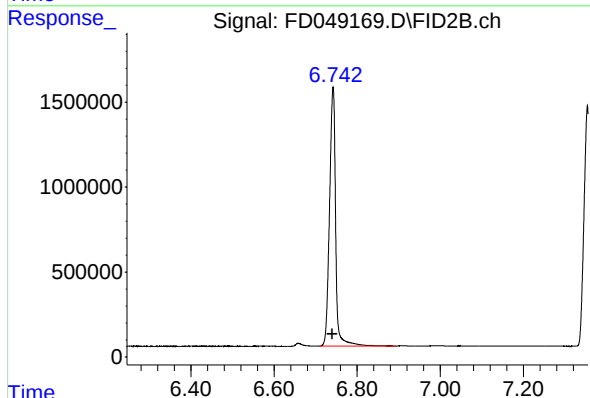
Manual Integrations
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Supervised By :Ankita Jodhani 03/10/2025



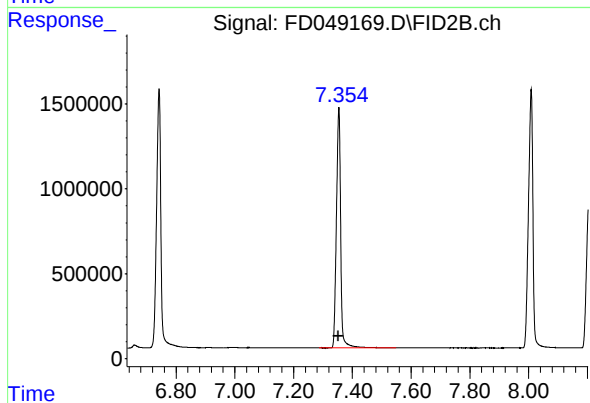
#2 Naphthalene (C11.7)

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 15986008
Conc: 96.25 ug/ml



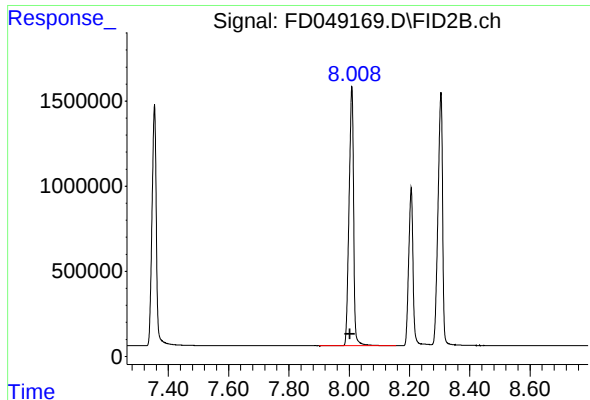
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.742 min
Delta R.T.: 0.002 min
Response: 15593303
Conc: 94.54 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.354 min
Delta R.T.: 0.002 min
Response: 14233081
Conc: 94.77 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.009 min
Delta R.T.: 0.005 min
Response: 16009108
Conc: 94.22 ug/ml

Instrument :

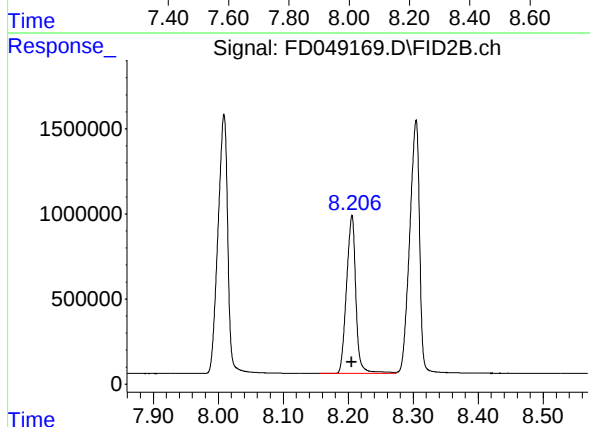
FID_D

ClientSampleId :

100 PPM AROMATIC HC STD1

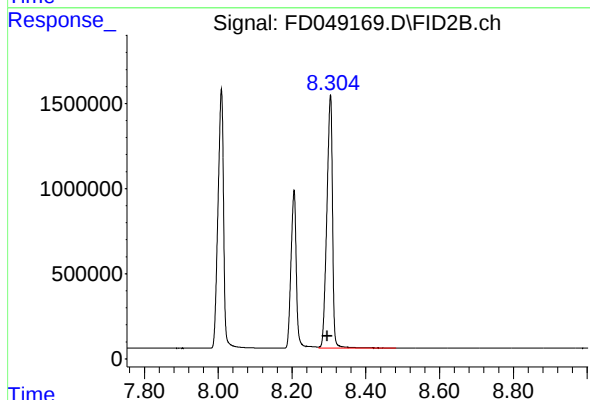
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



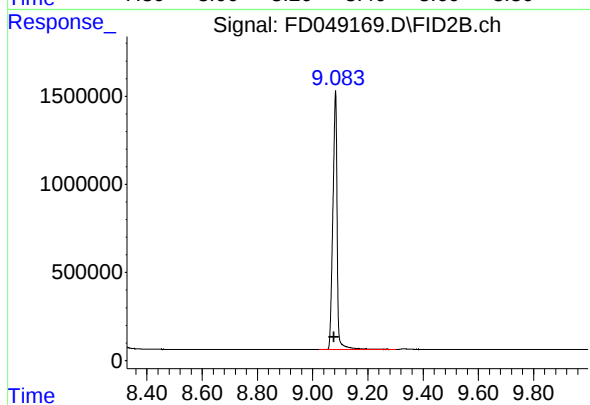
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.206 min
Delta R.T.: 0.000 min
Response: 9314999
Conc: 109.23 ug/ml



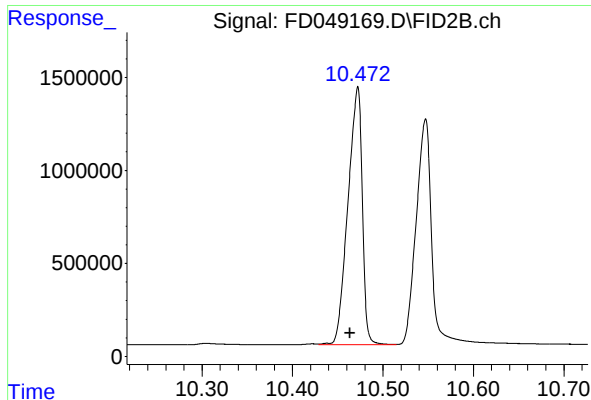
#7 Acenaphthene (C15.5)

R.T.: 8.304 min
Delta R.T.: 0.009 min
Response: 15911858
Conc: 89.82 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.083 min
Delta R.T.: 0.005 min
Response: 15731068
Conc: 96.69 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.472 min
Delta R.T.: 0.008 min
Response: 15266450
Conc: 97.18 ug/ml

Instrument :

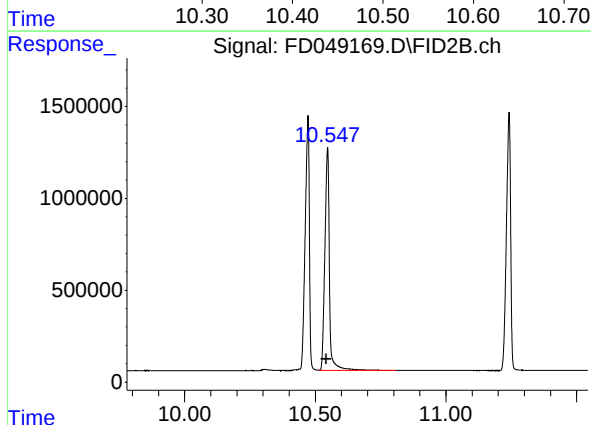
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ClientSampleId :

100 PPM AROMATIC HC STD1

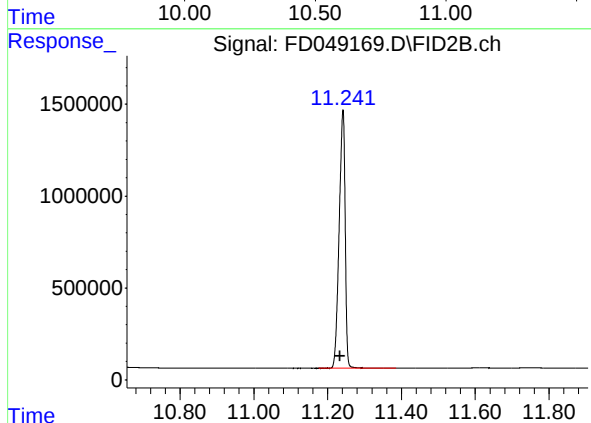
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



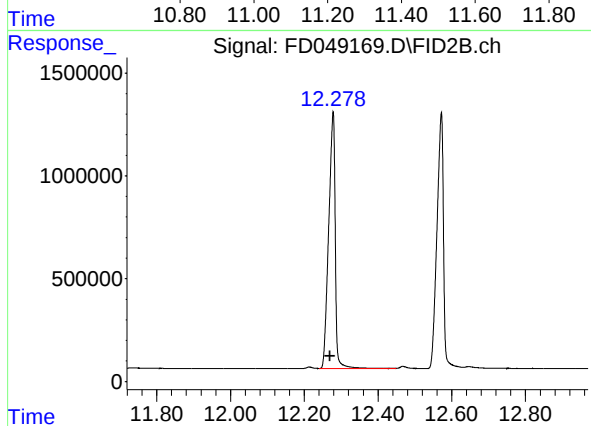
#10 Anthracene (C19.43)

R.T.: 10.547 min
Delta R.T.: 0.004 min
Response: 14808725
Conc: 96.30 ug/ml



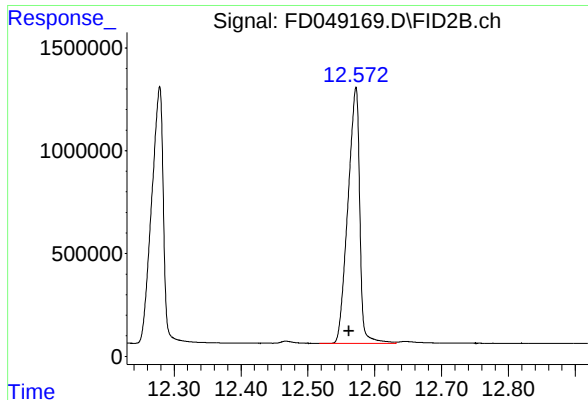
#11 ortho-Terphenyl (SURR)

R.T.: 11.242 min
Delta R.T.: 0.008 min
Response: 15885582
Conc: 92.68 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.278 min
Delta R.T.: 0.009 min
Response: 15425116
Conc: 95.39 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.572 min
Delta R.T.: 0.011 min
Response: 15317060
Conc: 96.98 ug/ml

Instrument :

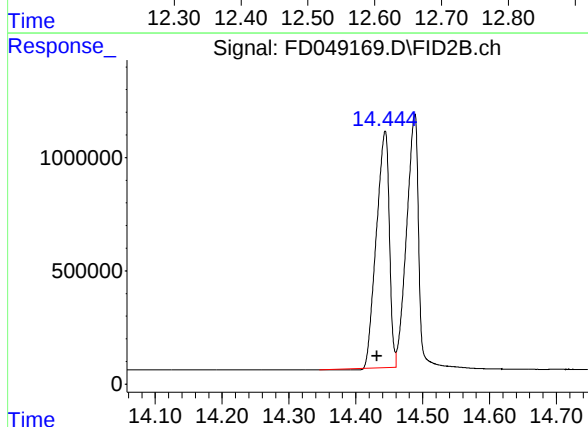
FID_D

ClientSampleId :

100 PPM AROMATIC HC STD1

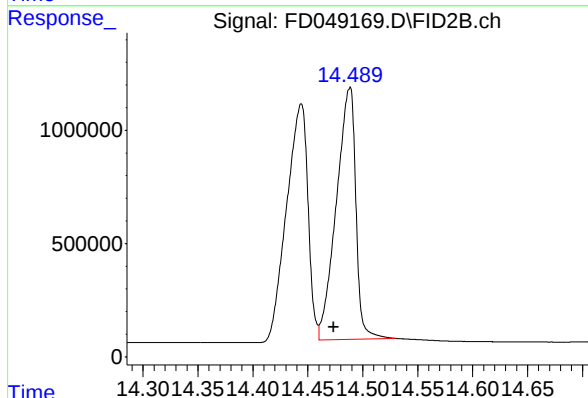
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



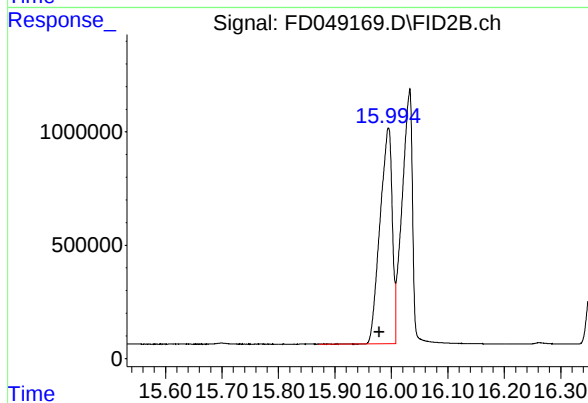
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.444 min
Delta R.T.: 0.012 min
Response: 13951830
Conc: 109.03 ug/ml



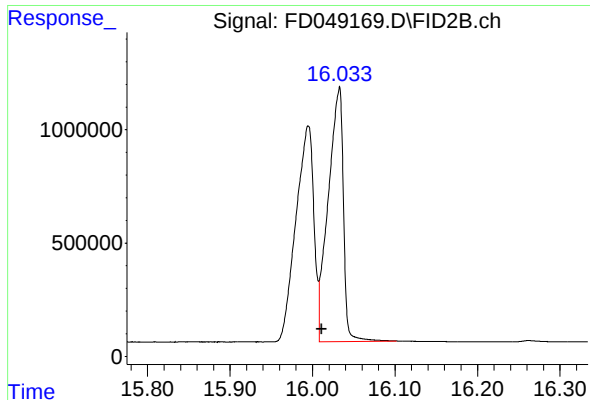
#15 Chrysene (C27.41)

R.T.: 14.488 min
Delta R.T.: 0.015 min
Response: 13736562
Conc: 87.85 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.995 min
Delta R.T.: 0.016 min
Response: 14317942
Conc: 104.07 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.033 min
Delta R.T.: 0.022 min
Response: 14309028
Conc: 91.30 ug/ml

Instrument :

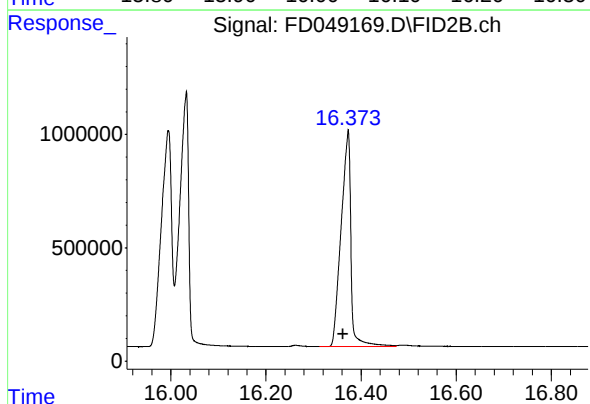
FID_D

ClientSampleId :

100 PPM AROMATIC HC STD1

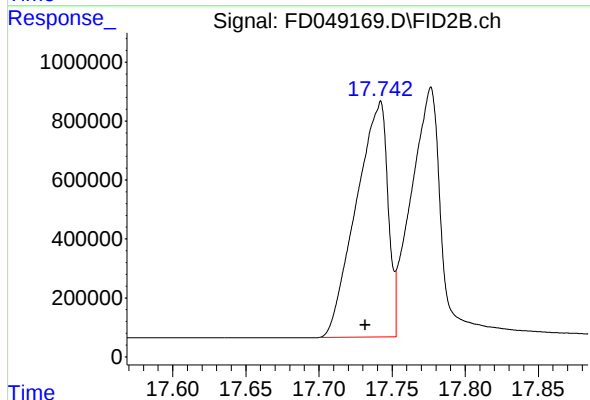
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



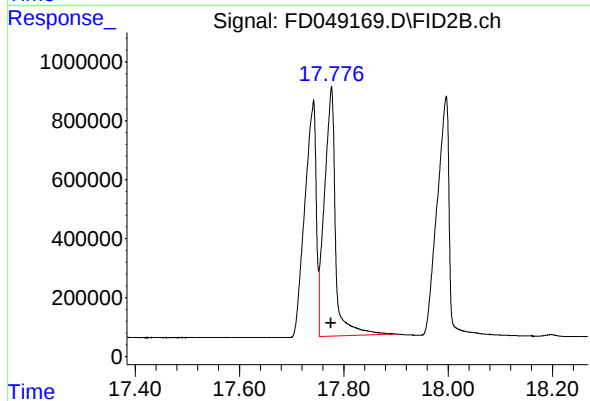
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.373 min
Delta R.T.: 0.010 min
Response: 13647231
Conc: 100.06 ug/ml



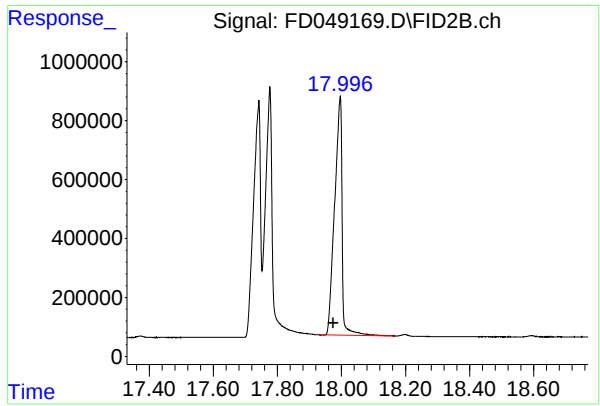
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.742 min
Delta R.T.: 0.010 min
Response: 12059011
Conc: 134.21 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.776 min
Delta R.T.: 0.000 min
Response: 12526992
Conc: 80.86 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 17.996 min
Delta R.T.: 0.022 min
Response: 13128960
Conc: 101.91 ug/ml

Instrument :

FID_D

ClientSampleId :

100 PPM AROMATIC HC STD1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/10/2025

Supervised By :Ankita Jodhani 03/10/2025

rtres

Instrument :
FID_D
LabSampleId :
100 PPM AROMATIC HC STD1
Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030725
Data File : FD049169.D
Signal(s) : FID2B.ch
Acq On : 06 Mar 2025 09:36
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.177	4.133	4.357	BB	1745649	15516263	96.92%	5.125%
2	5.694	5.642	5.938	BB	1658867	15986008	99.86%	5.280%
3	6.742	6.708	6.893	VV	1526506	15593303	97.40%	5.151%
4	7.354	7.287	7.548	BB	1410777	14233081	88.91%	4.701%
5	8.009	7.900	8.155	BV	1522985	16009108	100.00%	5.288%
6	8.206	8.155	8.273	PV	927101	9314999	58.19%	3.077%
7	8.304	8.273	8.482	VV	1496887	15911858	99.39%	5.256%
8	9.083	9.023	9.302	BB	1473564	15731068	98.26%	5.196%
9	10.472	10.429	10.514	VV	1382574	15266450	95.36%	5.043%
10	10.547	10.514	10.808	VB	1210904	14808725	92.50%	4.892%
11	11.242	11.177	11.385	BB	1408326	15885582	99.23%	5.247%
12	12.278	12.240	12.448	VV	1251488	15425116	96.35%	5.095%
13	12.572	12.517	12.632	PV	1245202	15317060	95.68%	5.059%
14	14.444	14.345	14.460	BV	1044387	13951830	87.15%	4.609%
15	14.488	14.460	14.530	VBA	1113445	13736562	85.80%	4.537%
16	15.995	15.872	16.008	BV	951983	14317942	89.44%	4.729%
17	16.032	16.008	16.110	VBA	1110236	14372624	89.78%	4.748%
18	16.373	16.312	16.473	BV	961179	13647231	85.25%	4.508%
19	17.742	17.700	17.753	BV	796939	12059011	75.33%	3.983%
20	17.776	17.753	17.900	VBA	847090	12526992	78.25%	4.138%
21	17.996	17.930	18.170	BV	813935	13128960	82.01%	4.337%
Sum of corrected areas:						302739771		

Aromatic EPH 030725.M Mon Mar 10 03:56:15 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030725AR\
 Data File : FD049170.D
 Signal(s) : FID2B.ch
 Acq On : 06 Mar 2025 10:13
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Mar 10 02:35:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 10 02:34:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.351	7200946	47.947 ug/ml
Spiked Amount 50.000		Recovery =	95.89%
6) S 2-Fluorobiphenyl (SURR)	8.202	4557827	53.448 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	106.90%
11) S ortho-Terphenyl (SURR)	11.236	8068080	47.073 ug/ml
Spiked Amount 50.000		Recovery =	94.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.174	7870663	47.922 ug/ml
2) T Naphthalene (C11.7)	5.691	8079248	48.646 ug/ml
3) T 2-Methylnaphthalene (...)	6.739	7951993	48.214 ug/ml
5) T Acenaphthylene (C15.06)	8.004	8126811	47.828 ug/ml
7) T Acenaphthene (C15.5)	8.299	8135415	45.922 ug/ml
8) T Fluorene (C16.55)	9.077	7915786	48.655 ug/ml
9) T Phenanthrene (C19.36)	10.465	7661858	48.771 ug/ml
10) T Anthracene (C19.43)	10.541	7493075	48.729 ug/ml
12) T Fluoranthene (C21.85)	12.270	7768096	48.039 ug/ml
13) T Pyrene (C20.8)	12.563	7715880	48.855 ug/ml
14) T Benzo[a]anthracene (C...	14.434	6953257	54.338 ug/ml
15) T Chrysene (C27.41)	14.476	6722800	42.993 ug/ml
16) T benzo[b]fluoranthene ...	15.986	7155833	52.012 ug/ml
17) T Bnezo[k]fluoranthene ...	16.017	7334288	46.799 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.359	6846343	50.194 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.728	5321905	59.230 ug/ml
20) T Dibenz[a,h]anthracene...	17.764	6516891	42.068 ug/ml
21) T Benzo[g,h,i]perylene ...	17.978	6547910	50.827 ug/ml

(f)=RT Delta > 1/2 Window

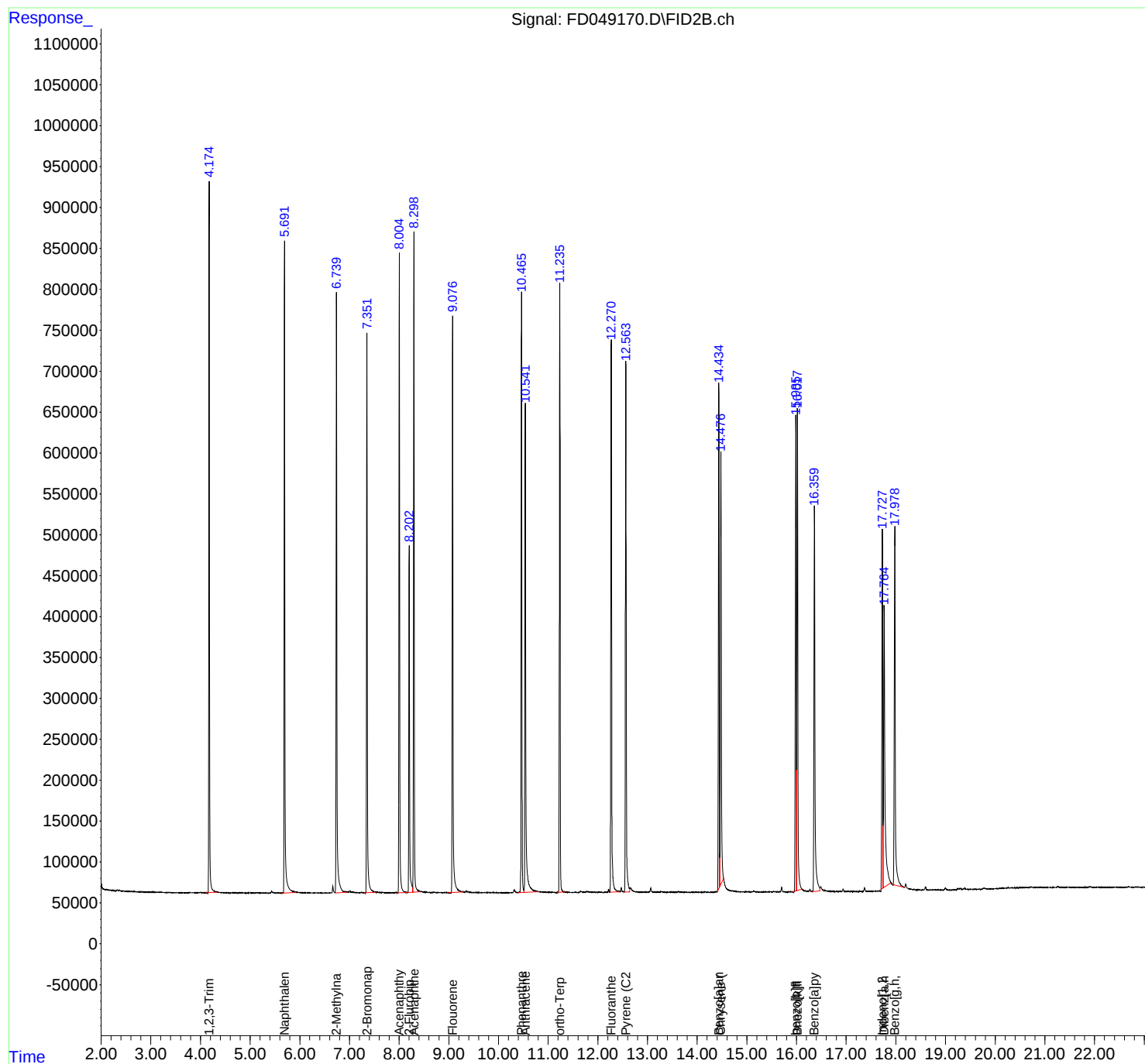
(m)=manual int.

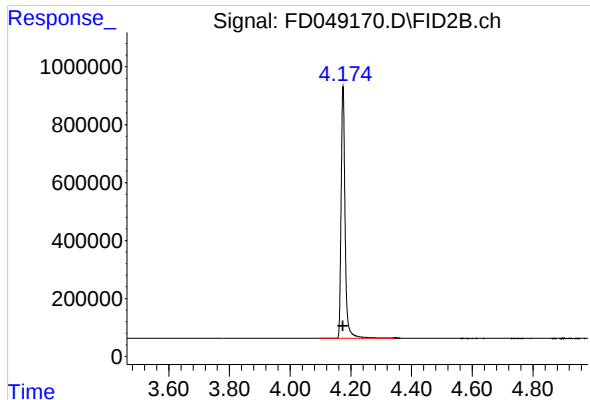
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030725AR\
Data File : FD049170.D
Signal(s) : FID2B.ch
Acq On : 06 Mar 2025 10:13
Operator : YP/AJ
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2

Integration File: autoint1.e
Quant Time: Mar 10 02:35:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
Quant Title : GC Extractables
QLast Update : Mon Mar 10 02:34:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

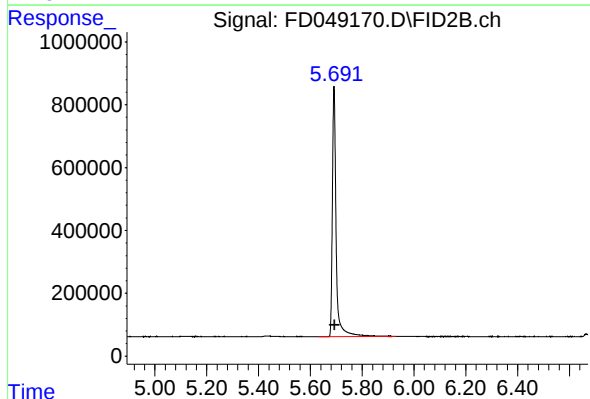




#1 1,2,3-Trimethylbenzene (C10.1)

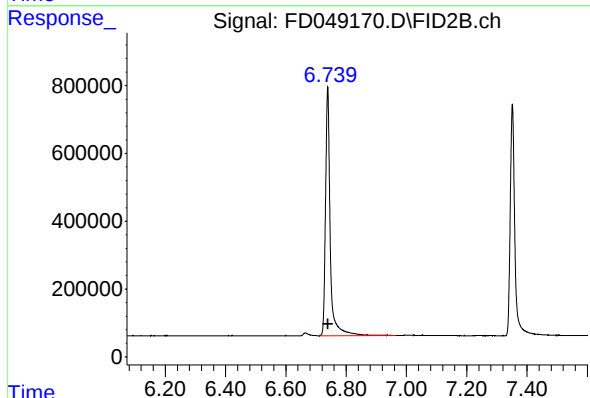
R.T.: 4.174 min
Delta R.T.: 0.000 min
Response: 7870663
Conc: 47.92 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



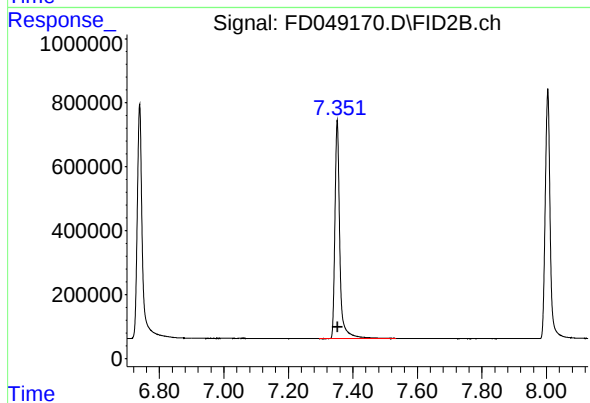
#2 Naphthalene (C11.7)

R.T.: 5.691 min
Delta R.T.: -0.002 min
Response: 8079248
Conc: 48.65 ug/ml



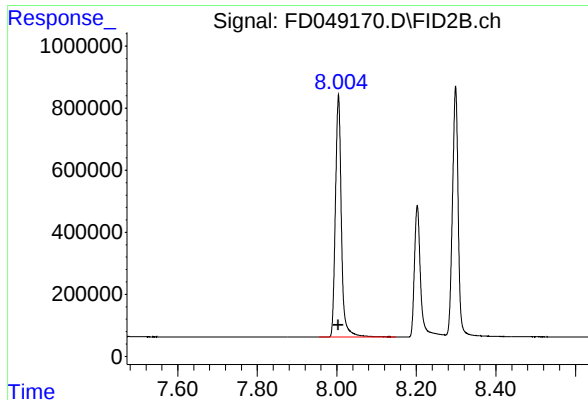
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.739 min
Delta R.T.: -0.001 min
Response: 7951993
Conc: 48.21 ug/ml



#4 2-Bromonaphthalene (SURR)

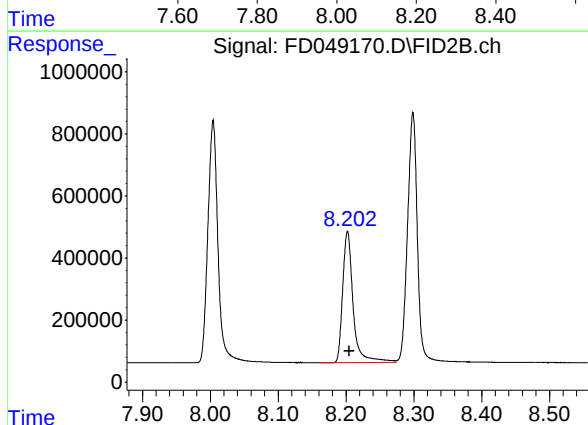
R.T.: 7.351 min
Delta R.T.: -0.001 min
Response: 7200946
Conc: 47.95 ug/ml



#5 Acenaphthylene (C15.06)

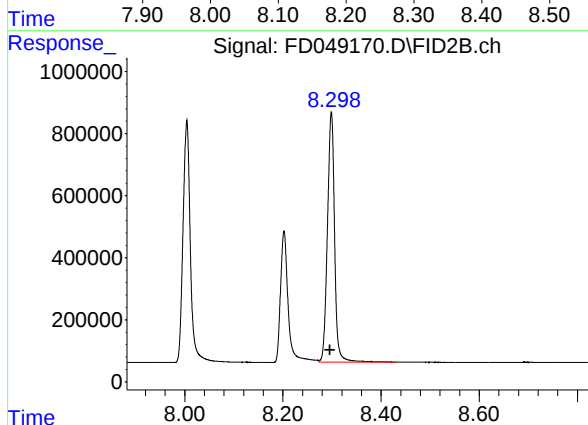
R.T.: 8.004 min
Delta R.T.: 0.000 min
Response: 8126811
Conc: 47.83 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



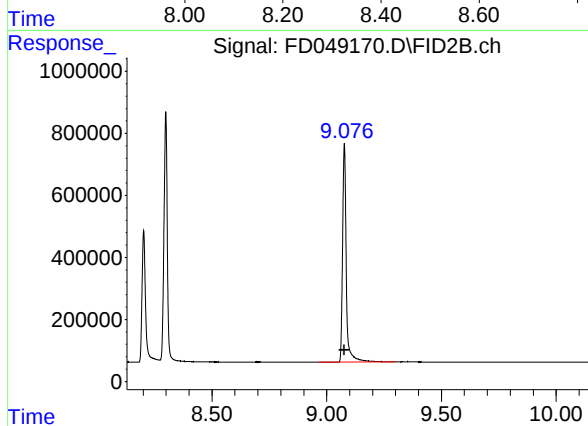
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min
Delta R.T.: -0.003 min
Response: 4557827
Conc: 53.45 ug/ml



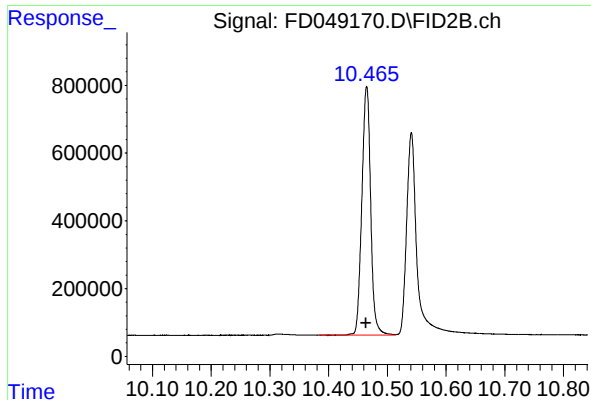
#7 Acenaphthene (C15.5)

R.T.: 8.299 min
Delta R.T.: 0.003 min
Response: 8135415
Conc: 45.92 ug/ml



#8 Flouorene (C16.55)

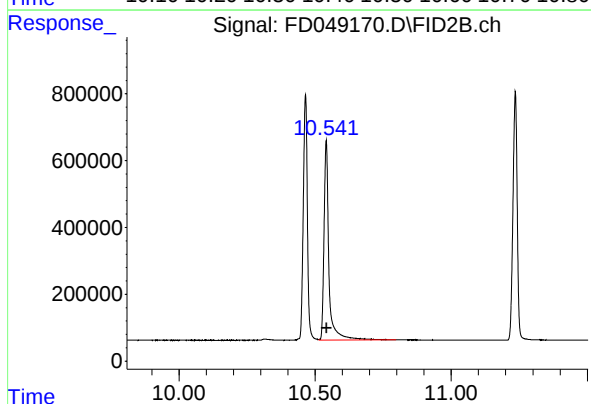
R.T.: 9.077 min
Delta R.T.: 0.000 min
Response: 7915786
Conc: 48.66 ug/ml



#9 Phenanthrene (C19.36)

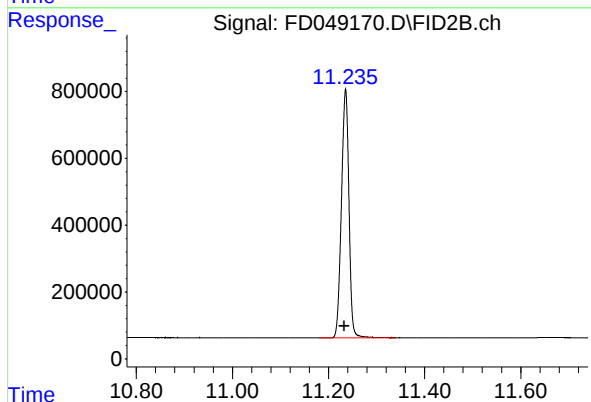
R.T.: 10.465 min
Delta R.T.: 0.001 min
Response: 7661858
Conc: 48.77 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



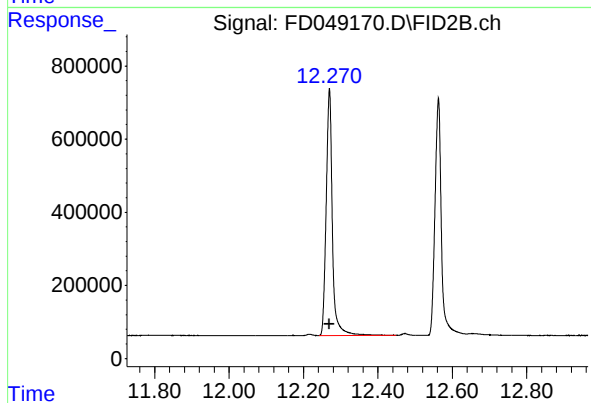
#10 Anthracene (C19.43)

R.T.: 10.541 min
Delta R.T.: -0.002 min
Response: 7493075
Conc: 48.73 ug/ml



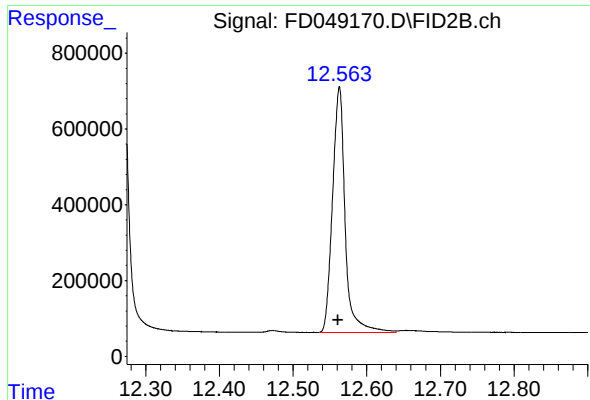
#11 ortho-Terphenyl (SURRE)

R.T.: 11.236 min
Delta R.T.: 0.002 min
Response: 8068080
Conc: 47.07 ug/ml



#12 Fluoranthene (C21.85)

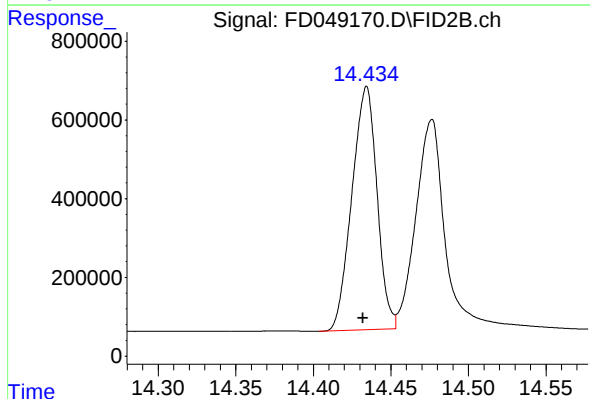
R.T.: 12.270 min
Delta R.T.: 0.000 min
Response: 7768096
Conc: 48.04 ug/ml



#13 Pyrene (C20.8)

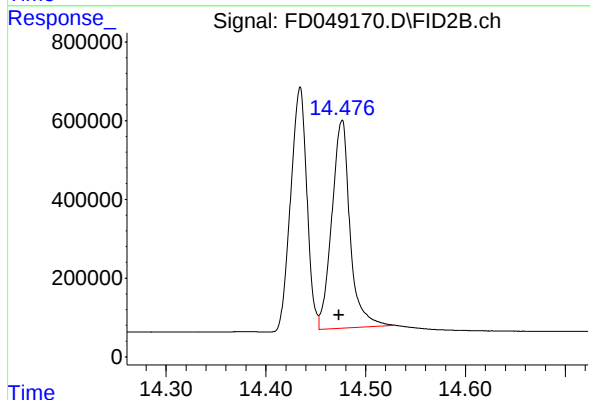
R.T.: 12.563 min
Delta R.T.: 0.002 min
Response: 7715880
Conc: 48.86 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



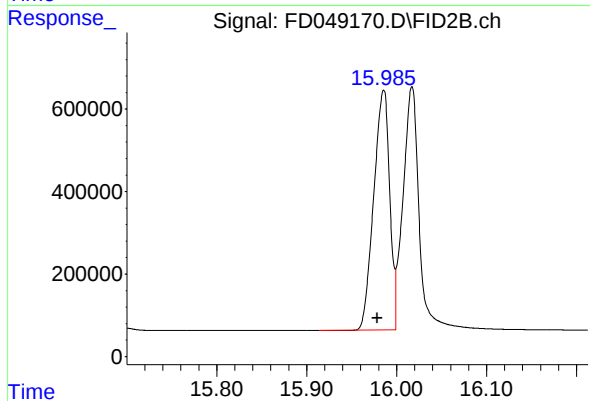
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.434 min
Delta R.T.: 0.002 min
Response: 6953257
Conc: 54.34 ug/ml



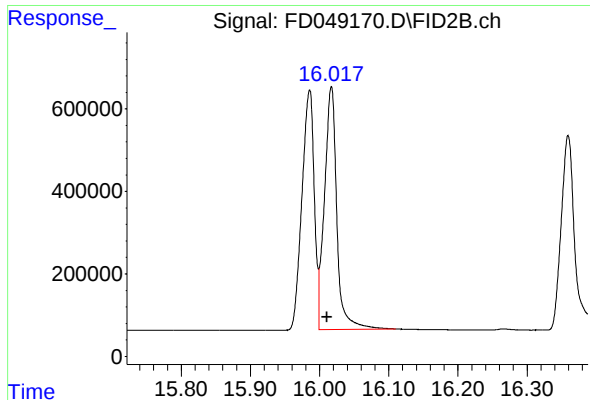
#15 Chrysene (C27.41)

R.T.: 14.476 min
Delta R.T.: 0.003 min
Response: 6722800
Conc: 42.99 ug/ml



#16 benzo[b]fluoranthene (C30.41)

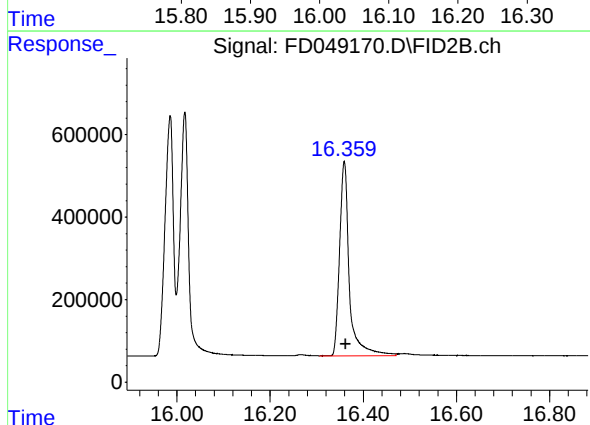
R.T.: 15.986 min
Delta R.T.: 0.007 min
Response: 7155833
Conc: 52.01 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

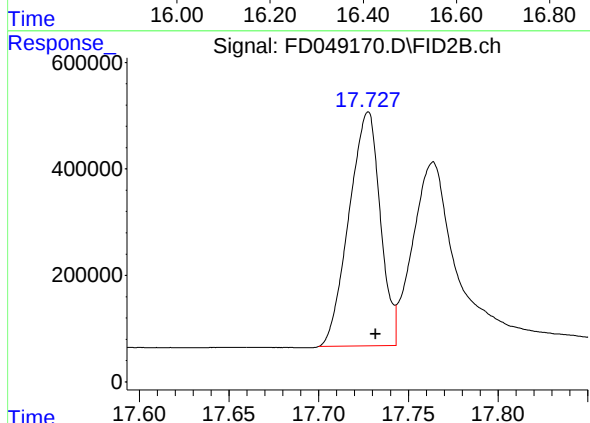
R.T.: 16.017 min
Delta R.T.: 0.006 min
Response: 7334288
Conc: 46.80 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



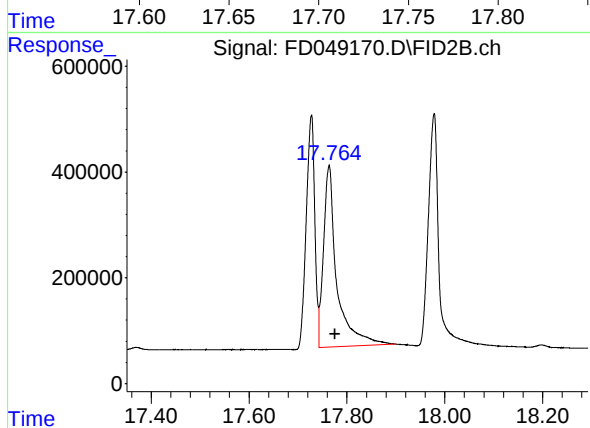
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.359 min
Delta R.T.: -0.003 min
Response: 6846343
Conc: 50.19 ug/ml



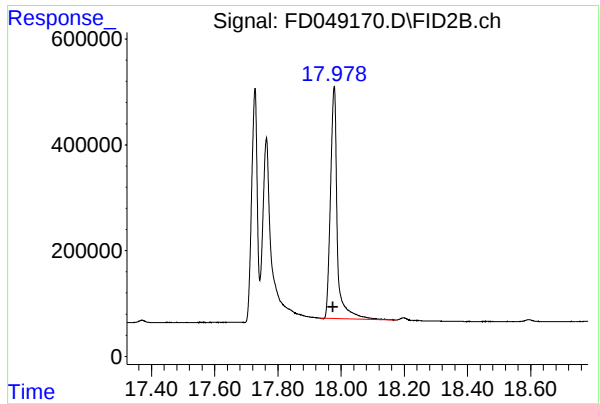
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.728 min
Delta R.T.: -0.004 min
Response: 5321905
Conc: 59.23 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.764 min
Delta R.T.: -0.012 min
Response: 6516891
Conc: 42.07 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 17.978 min
Delta R.T.: 0.004 min
Response: 6547910
Conc: 50.83 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030725AR\
 Data File : FD049170.D
 Signal(s) : FID2B.ch
 Acq On : 06 Mar 2025 10:13
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.174	4.095	4.349	BB	868455	7870663	96.75%	5.180%
2	5.691	5.634	5.930	BV	795094	8079248	99.31%	5.317%
3	6.739	6.710	6.965	PB	732651	7951993	97.75%	5.233%
4	7.352	7.295	7.534	BB	683598	7200946	88.51%	4.739%
5	8.004	7.955	8.149	PB	777486	8126811	99.89%	5.349%
6	8.202	8.160	8.274	BV	423616	4557827	56.02%	3.000%
7	8.299	8.274	8.430	VB	805909	8135415	100.00%	5.354%
8	9.077	8.967	9.302	BB	704871	7915786	97.30%	5.210%
9	10.465	10.384	10.515	BV	734722	7661858	94.18%	5.043%
10	10.541	10.515	10.797	VB	597758	7493075	92.10%	4.931%
11	11.236	11.180	11.340	BB	744042	8068080	99.17%	5.310%
12	12.270	12.242	12.449	PB	676111	7768096	95.48%	5.112%
13	12.563	12.535	12.640	BV	649427	7715880	94.84%	5.078%
14	14.434	14.404	14.453	PV	617261	6953257	85.47%	4.576%
15	14.476	14.453	14.530	VBA	530236	6722800	82.64%	4.424%
16	15.986	15.914	15.999	BV	582132	7155833	87.96%	4.709%
17	16.017	15.999	16.110	VBA	589063	7334288	90.15%	4.827%
18	16.359	16.305	16.470	PV	471974	6846343	84.15%	4.506%
19	17.728	17.700	17.743	BV	439803	5321905	65.42%	3.503%
20	17.764	17.743	17.900	VBA	343737	6516891	80.11%	4.289%
21	17.978	17.930	18.174	BV	439316	6547910	80.49%	4.309%
Sum of corrected areas:						151944905		

Aromatic EPH 030725.M Mon Mar 10 03:56:56 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030725AR\
 Data File : FD049171.D
 Signal(s) : FID2B.ch
 Acq On : 06 Mar 2025 10:50
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Mar 10 02:42:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 10 02:40:35 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.353	3003741	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.205	1705526	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.233	3427918	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.175	3284793	20.000 ug/ml
2) T Naphthalene (C11.7)	5.694	3321667	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.740	3298646	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.003	3398349	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.296	3543133	20.000 ug/ml
8) T Fluorene (C16.55)	9.078	3253814	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.464	3142000	20.000 ug/ml
10) T Anthracene (C19.43)	10.543	3075426	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.269	3234097	20.000 ug/ml
13) T Pyrene (C20.8)	12.561	3158668	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.432	2559257	20.000 ug/ml
15) T Chrysene (C27.41)	14.473	2658693	20.000 ug/ml
16) T benzo[b]fluoranthene ...	15.979	2751604	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.011	3134345	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.362	2727939	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.732	1797041	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.776	2522990	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	17.974	2576534	20.000 ug/ml

(f)=RT Delta > 1/2 Window

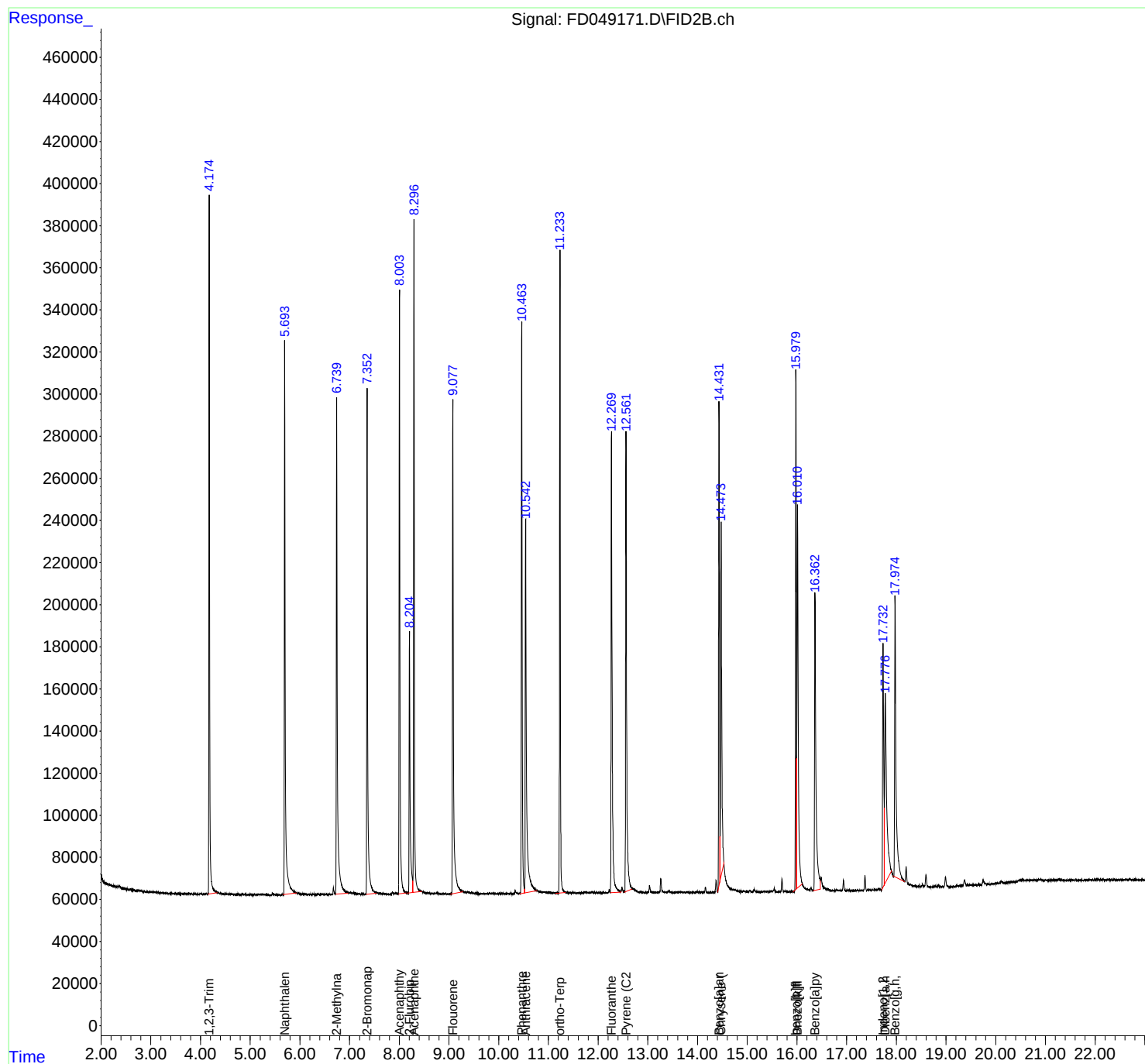
(m)=manual int.

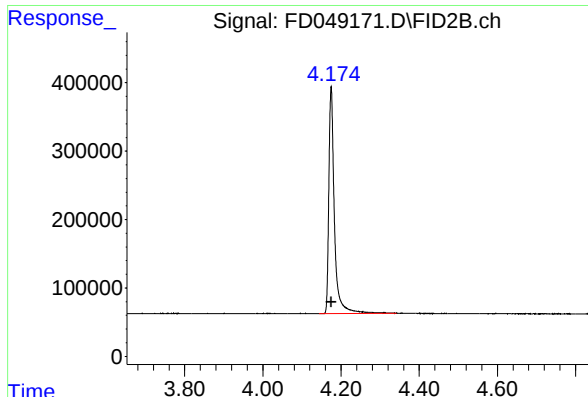
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030725AR\
Data File : FD049171.D
Signal(s) : FID2B.ch
Acq On : 06 Mar 2025 10:50
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3

Integration File: autoint1.e
Quant Time: Mar 10 02:42:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
Quant Title : GC Extractables
QLast Update : Mon Mar 10 02:40:35 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

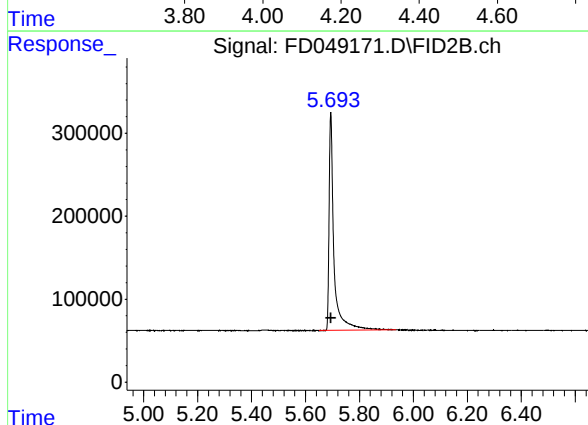




#1 1,2,3-Trimethylbenzene (C10.1)

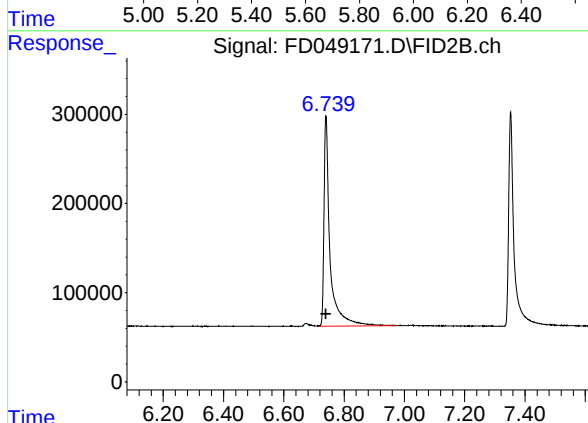
R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 3284793
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



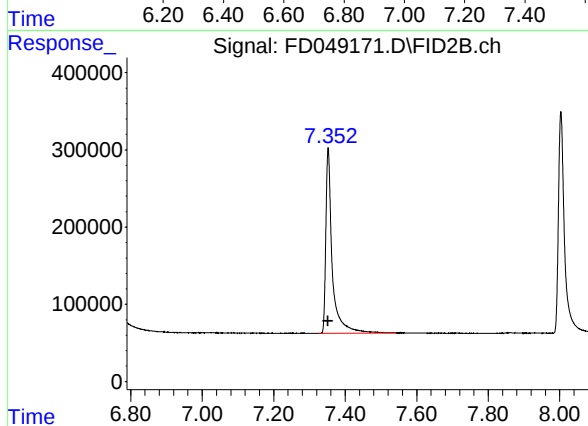
#2 Naphthalene (C11.7)

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 3321667
Conc: 20.00 ug/ml



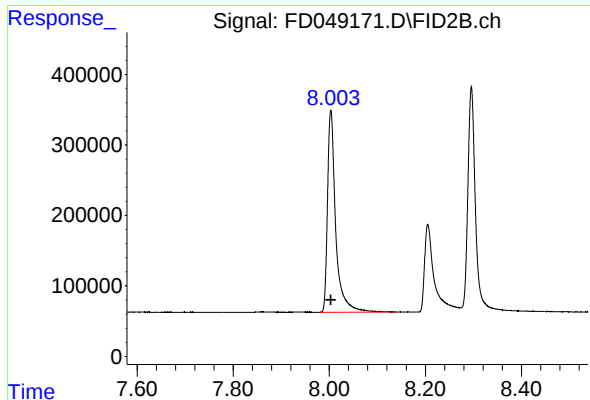
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 3298646
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

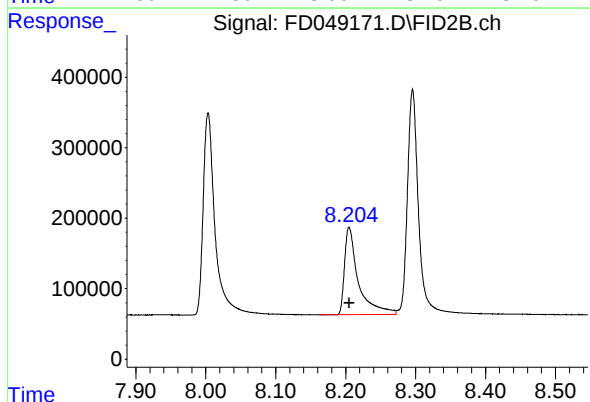
R.T.: 7.353 min
Delta R.T.: 0.000 min
Response: 3003741
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

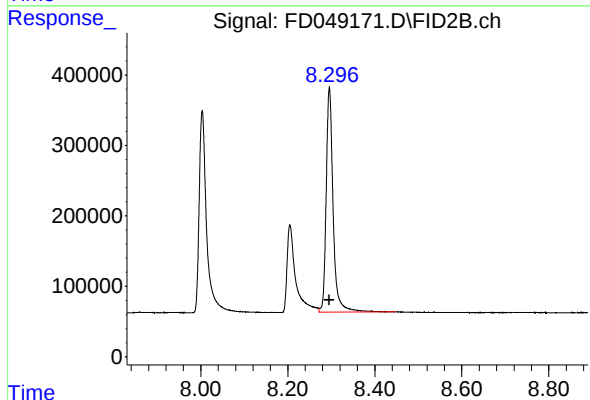
R.T.: 8.003 min
Delta R.T.: 0.000 min
Response: 3398349
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



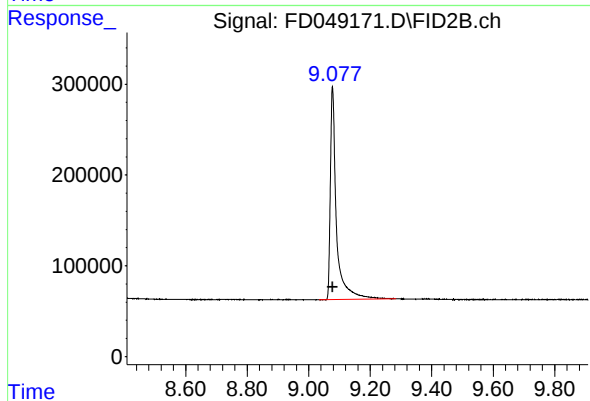
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.205 min
Delta R.T.: 0.000 min
Response: 1705526
Conc: 20.00 ug/ml



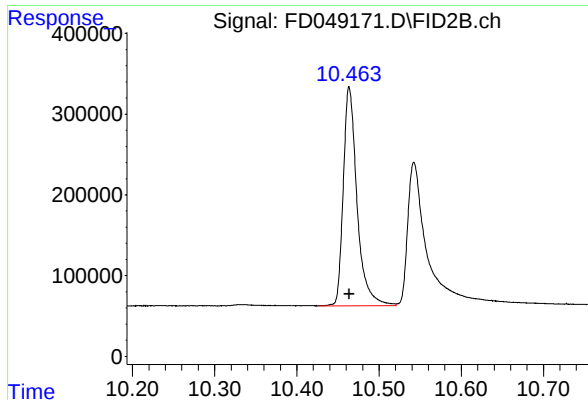
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: 0.000 min
Response: 3543133
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

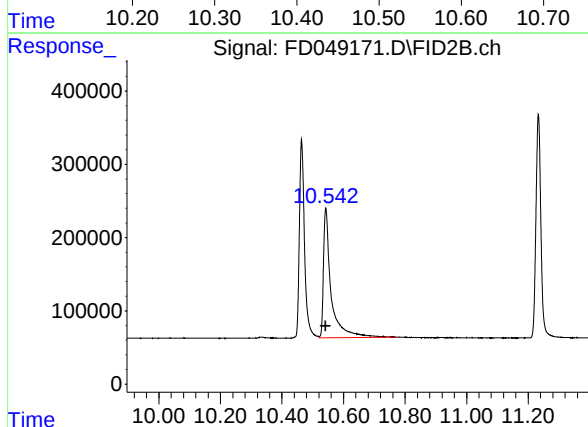
R.T.: 9.078 min
Delta R.T.: 0.000 min
Response: 3253814
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

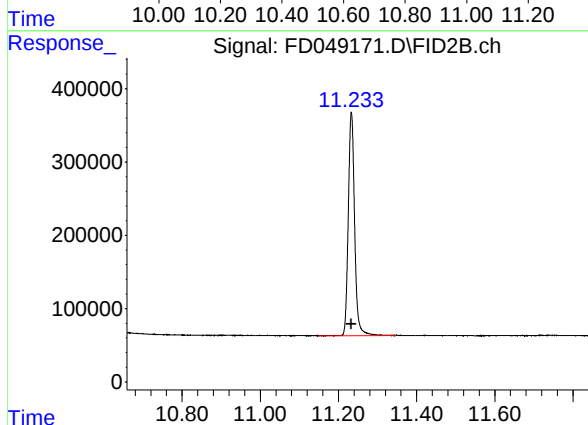
R.T.: 10.464 min
Delta R.T.: 0.000 min
Response: 3142000
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



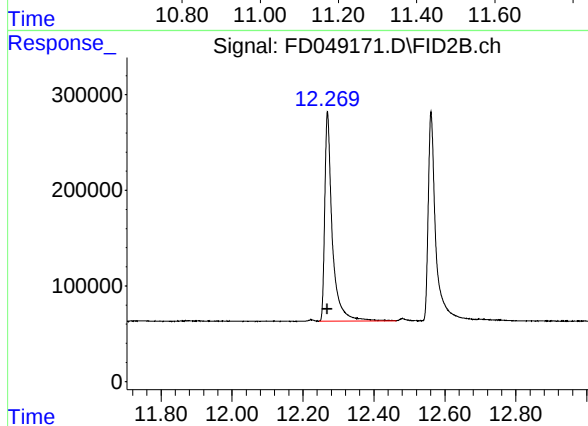
#10 Anthracene (C19.43)

R.T.: 10.543 min
Delta R.T.: 0.000 min
Response: 3075426
Conc: 20.00 ug/ml



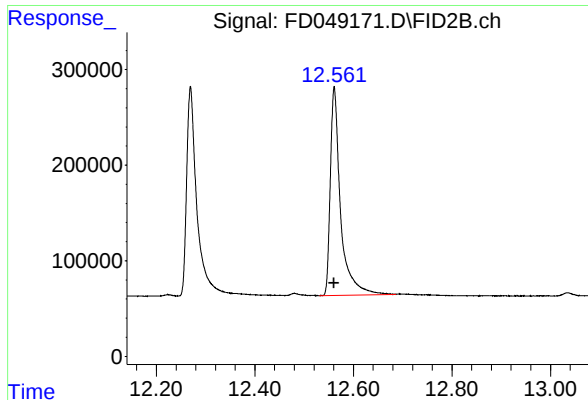
#11 ortho-Terphenyl (SURR)

R.T.: 11.233 min
Delta R.T.: 0.000 min
Response: 3427918
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

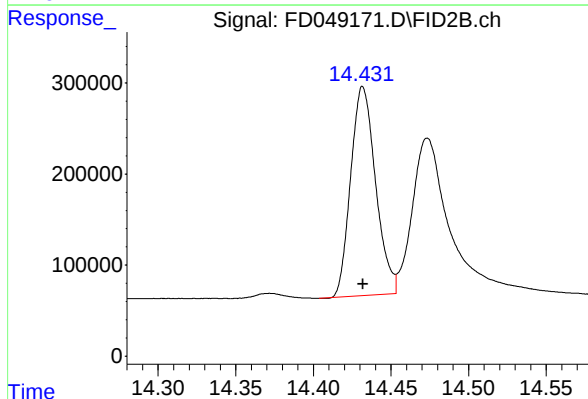
R.T.: 12.269 min
Delta R.T.: 0.000 min
Response: 3234097
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

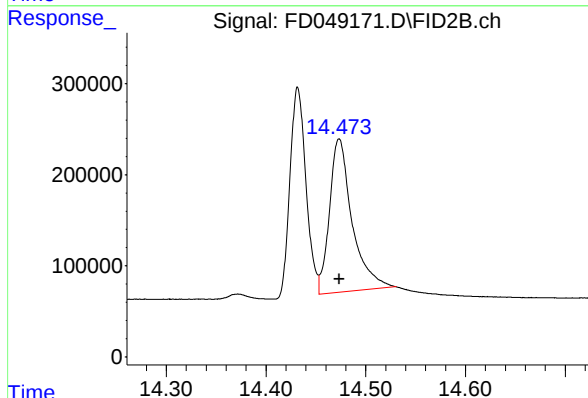
R.T.: 12.561 min
Delta R.T.: 0.000 min
Response: 3158668
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



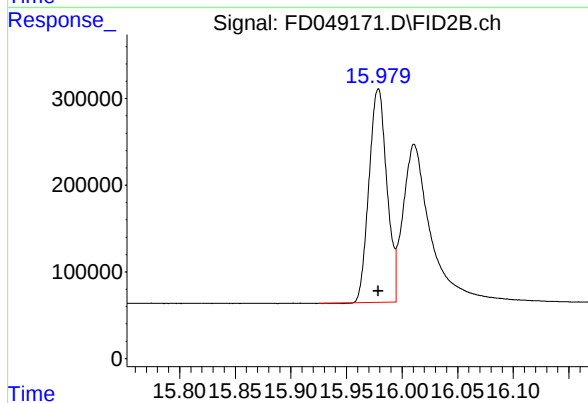
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.432 min
Delta R.T.: 0.000 min
Response: 2559257
Conc: 20.00 ug/ml



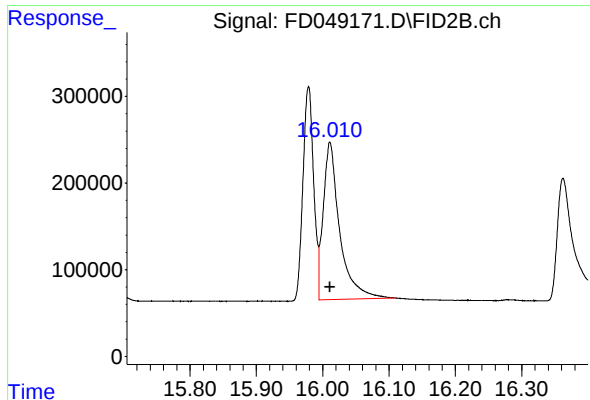
#15 Chrysene (C27.41)

R.T.: 14.473 min
Delta R.T.: 0.000 min
Response: 2658693
Conc: 20.00 ug/ml



#16 benzo[b]fluoranthene (C30.41)

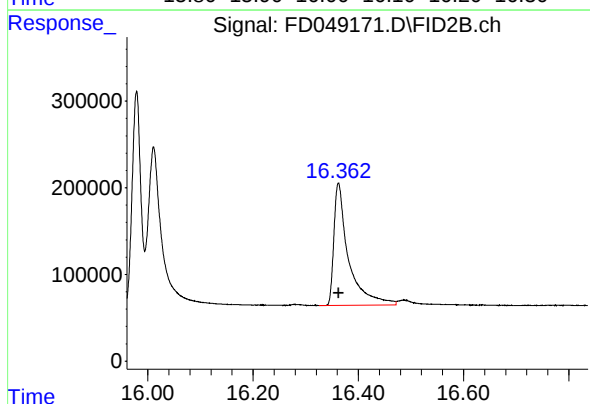
R.T.: 15.979 min
Delta R.T.: 0.000 min
Response: 2751604
Conc: 20.00 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

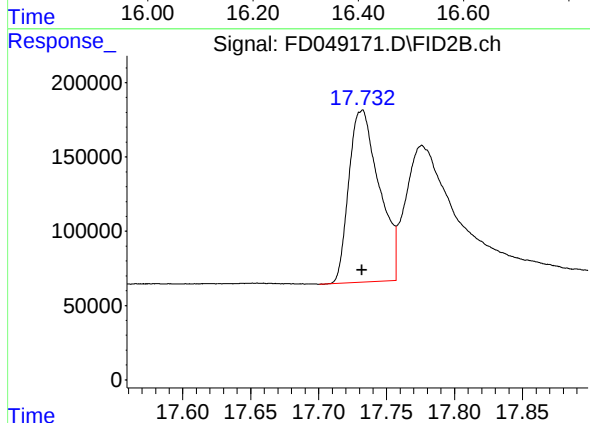
R.T.: 16.011 min
Delta R.T.: 0.000 min
Response: 3134345
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



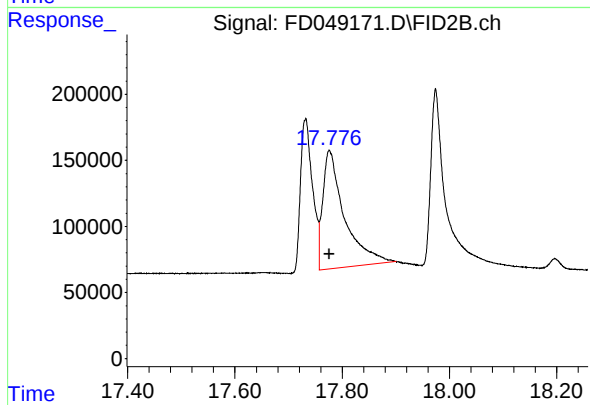
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.362 min
Delta R.T.: 0.000 min
Response: 2727939
Conc: 20.00 ug/ml



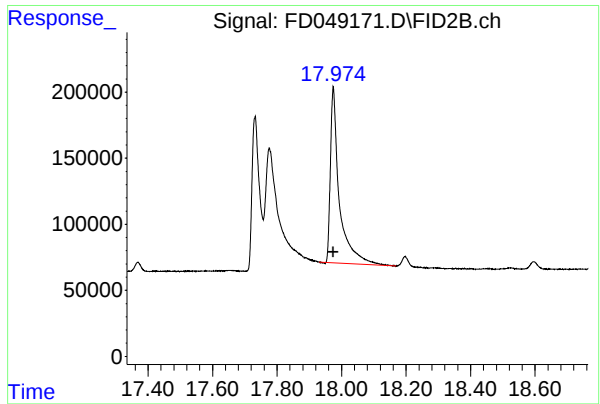
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.732 min
Delta R.T.: 0.000 min
Response: 1797041
Conc: 20.00 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.776 min
Delta R.T.: 0.000 min
Response: 2522990
Conc: 20.00 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 17.974 min
Delta R.T.: 0.000 min
Response: 2576534
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030725AR\
 Data File : FD049171.D
 Signal(s) : FID2B.ch
 Acq On : 06 Mar 2025 10:50
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.175	4.144	4.340	BB	332241	3284793	92.71%	5.335%
2	5.694	5.650	5.935	BB	262959	3321667	93.75%	5.394%
3	6.740	6.717	6.972	VB	235550	3298646	93.10%	5.357%
4	7.353	7.327	7.542	BB	240196	3003741	84.78%	4.878%
5	8.003	7.979	8.139	BB	287115	3398349	95.91%	5.519%
6	8.205	8.162	8.272	BV	123689	1705526	48.14%	2.770%
7	8.296	8.272	8.449	VB	318995	3543133	100.00%	5.754%
8	9.078	9.034	9.284	BB	234806	3253814	91.83%	5.284%
9	10.464	10.427	10.521	BV	271040	3142000	88.68%	5.103%
10	10.543	10.521	10.770	VB	177409	3075426	86.80%	4.995%
11	11.233	11.150	11.347	BB	304957	3427918	96.75%	5.567%
12	12.269	12.245	12.462	PV	219248	3234097	91.28%	5.252%
13	12.561	12.530	12.686	PV	218112	3158668	89.15%	5.130%
14	14.432	14.404	14.453	PV	229578	2559257	72.23%	4.156%
15	14.473	14.453	14.530	VBA	168472	2658693	75.04%	4.318%
16	15.979	15.925	15.994	BV	246541	2751604	77.66%	4.469%
17	16.011	15.994	16.110	VBA	182245	3134345	88.46%	5.090%
18	16.362	16.325	16.471	BV	141209	2727939	76.99%	4.430%
19	17.732	17.700	17.757	BV	115605	1797041	50.72%	2.918%
20	17.776	17.757	17.900	VBA	89785	2522990	71.21%	4.097%
21	17.974	17.930	18.169	BV	133315	2576534	72.72%	4.184%
Sum of corrected areas:						61576182		

Aromatic EPH 030725.M Mon Mar 10 03:57:30 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030725AR\
 Data File : FD049172.D
 Signal(s) : FID2B.ch
 Acq On : 06 Mar 2025 11:28
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/10/2025
 Supervised By :Ankita Jodhani 03/10/2025

Integration File: autoint1.e
 Quant Time: Mar 10 02:36:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 10 02:34:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.358	1503728	10.012 ug/ml
Spiked Amount 50.000		Recovery =	20.02%
6) S 2-Fluorobiphenyl (SURR)	8.219	702504	8.238 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	16.48%
11) S ortho-Terphenyl (SURR)	11.235	1755139	10.240 ug/ml
Spiked Amount 50.000		Recovery =	20.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.178	1637054	9.967 ug/ml
2) T Naphthalene (C11.7)	5.699	1627374	9.799 ug/ml
3) T 2-Methylnaphthalene (...)	6.747	1622778	9.839 ug/ml
5) T Acenaphthylene (C15.06)	8.008	1735802	10.216 ug/ml
7) T Acenaphthene (C15.5)	8.297	1916580	10.819 ug/ml
8) T Fluorene (C16.55)	9.085	1580290	9.713 ug/ml
9) T Phenanthrene (C19.36)	10.471	1532376	9.754 ug/ml
10) T Anthracene (C19.43)	10.553	1521387	9.894 ug/ml
12) T Fluoranthene (C21.85)	12.280	1581844	9.782 ug/ml
13) T Pyrene (C20.8)	12.569	1595552	10.103 ug/ml
14) T Benzo[a]anthracene (C...	14.443	922184	7.207 ug/ml
15) T Chrysene (C27.41)	14.480	1724329	11.027 ug/mlm
16) T benzo[b]fluoranthene ...	15.989	1149787	8.357 ug/ml
17) T Bnezo[k]fluoranthene ...	16.024	1578763	10.074 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.383	1267720	9.294 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.759	818938	9.114 ug/mlm
20) T Dibenz[a,h]anthracene...	17.806	1327218	8.568 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.992	1145738	8.894 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030725AR\
Data File : FD049172.D
Signal(s) : FID2B.ch
Acq On : 06 Mar 2025 11:28
Operator : YP/AJ
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 64 Sample Multiplier: 1

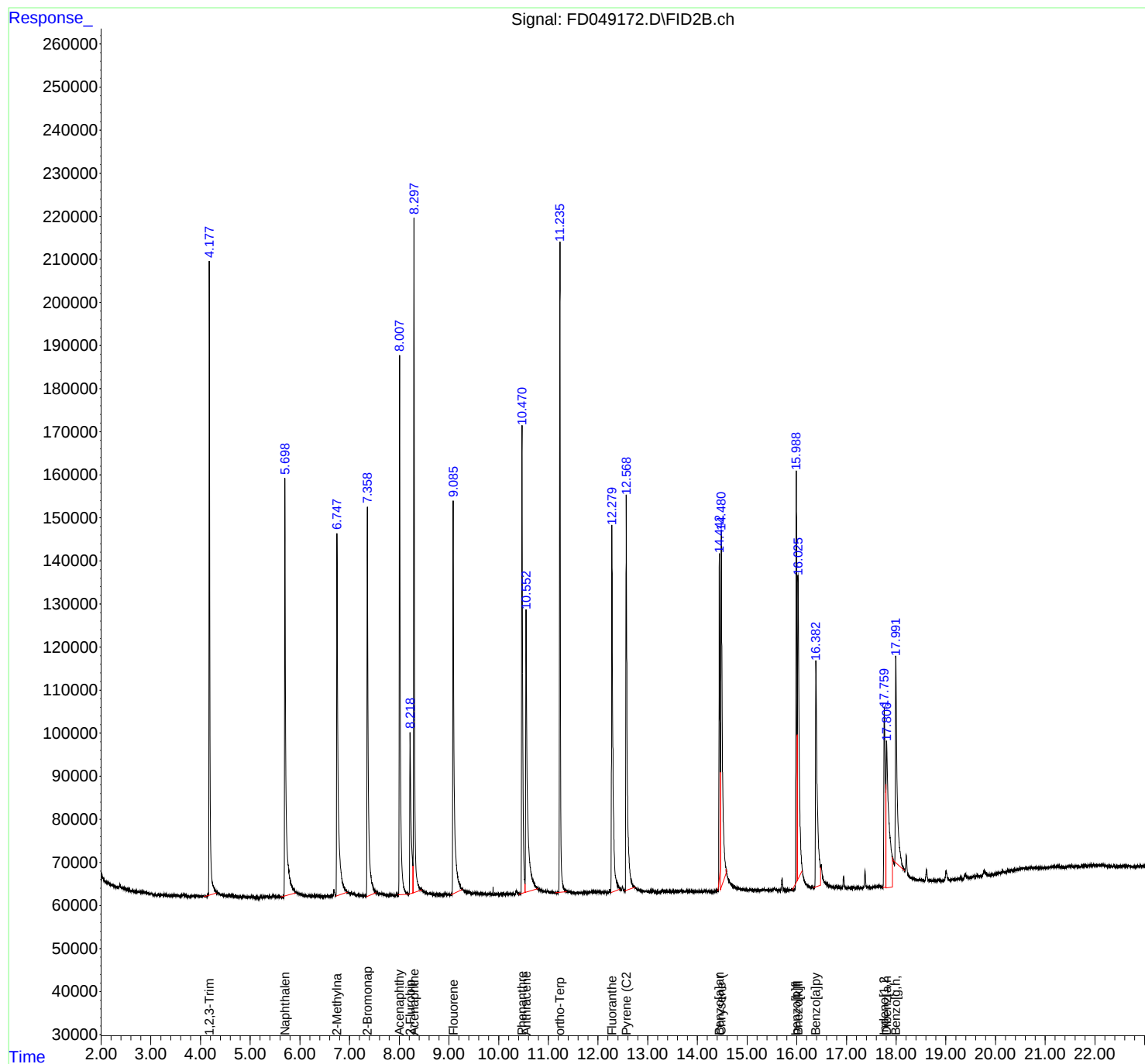
Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4

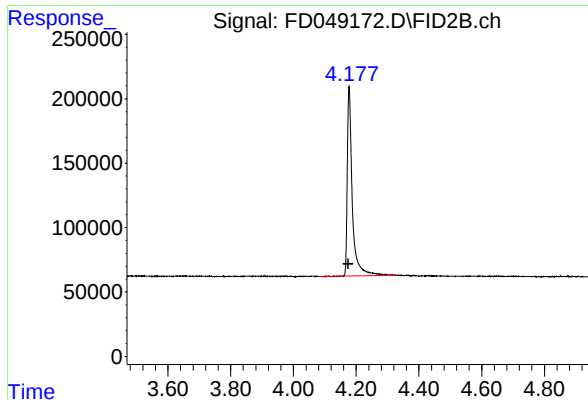
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025

Integration File: autoint1.e
Quant Time: Mar 10 02:36:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
Quant Title : GC Extractables
QLast Update : Mon Mar 10 02:34:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





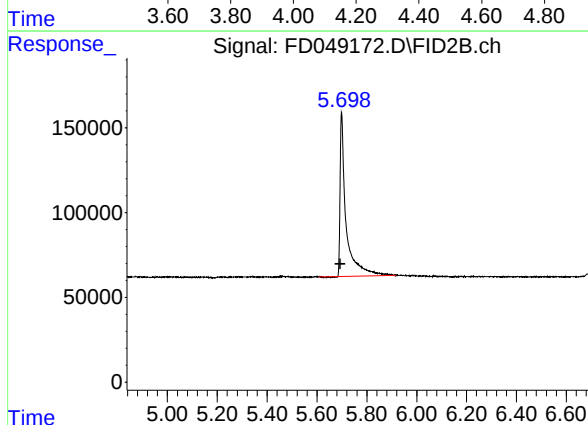
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.178 min
Delta R.T.: 0.003 min
Response: 1637054
Conc: 9.97 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4

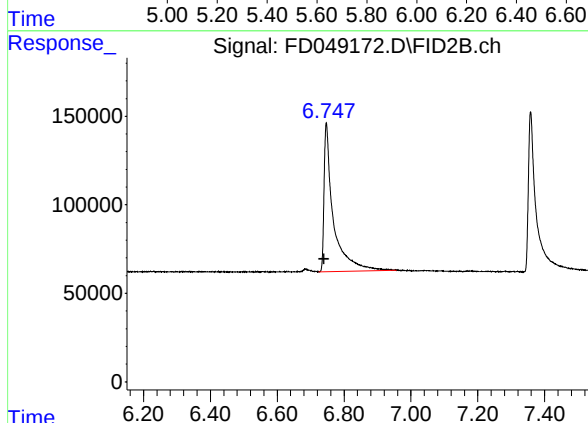
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



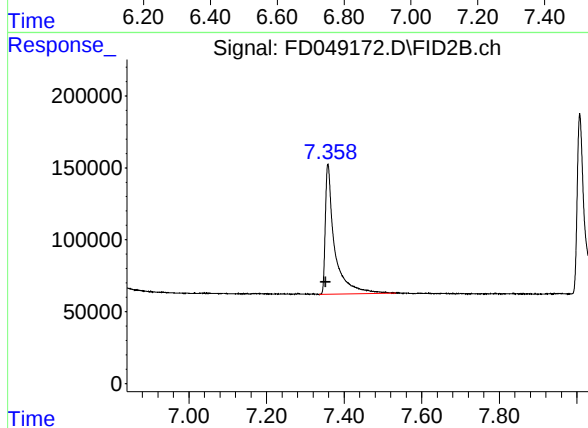
#2 Naphthalene (C11.7)

R.T.: 5.699 min
Delta R.T.: 0.005 min
Response: 1627374
Conc: 9.80 ug/ml



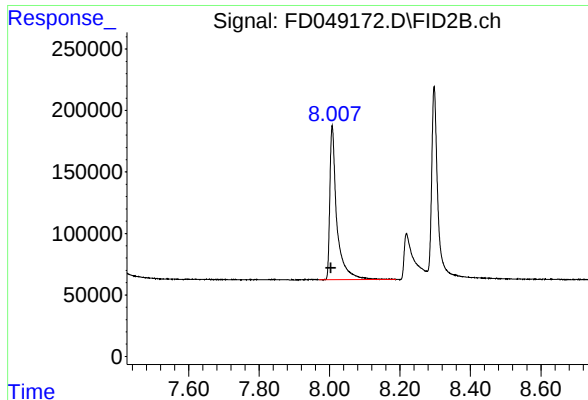
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.747 min
Delta R.T.: 0.007 min
Response: 1622778
Conc: 9.84 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.358 min
Delta R.T.: 0.006 min
Response: 1503728
Conc: 10.01 ug/ml



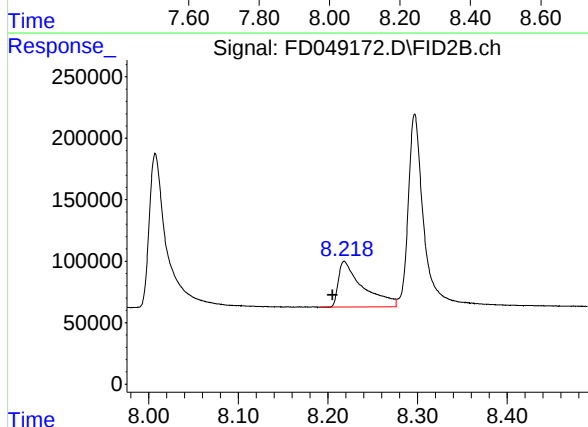
#5 Acenaphthylene (C15.06)

R.T.: 8.008 min
Delta R.T.: 0.004 min
Response: 1735802
Conc: 10.22 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4

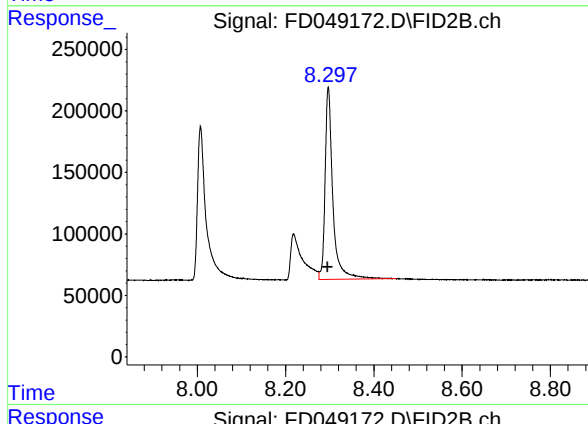
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



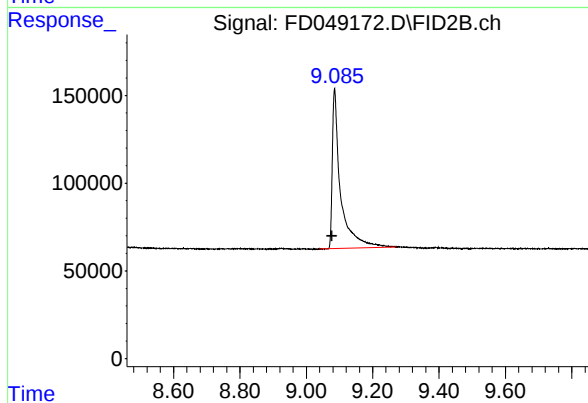
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.219 min
Delta R.T.: 0.013 min
Response: 702504
Conc: 8.24 ug/ml



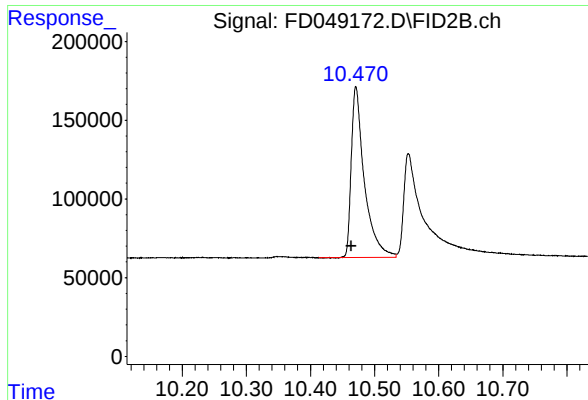
#7 Acenaphthene (C15.5)

R.T.: 8.297 min
Delta R.T.: 0.001 min
Response: 1916580
Conc: 10.82 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.085 min
Delta R.T.: 0.008 min
Response: 1580290
Conc: 9.71 ug/ml



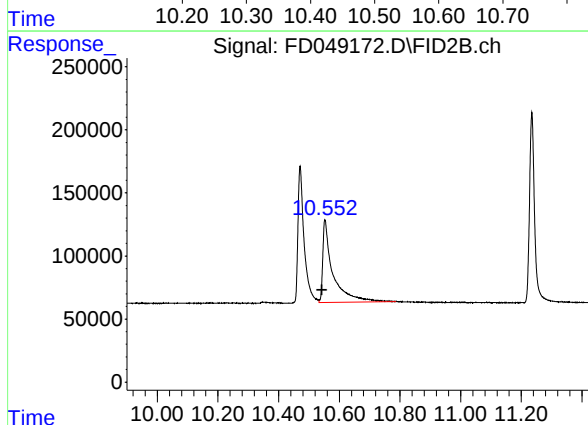
#9 Phenanthrene (C19.36)

R.T.: 10.471 min
Delta R.T.: 0.007 min
Response: 1532376
Conc: 9.75 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4

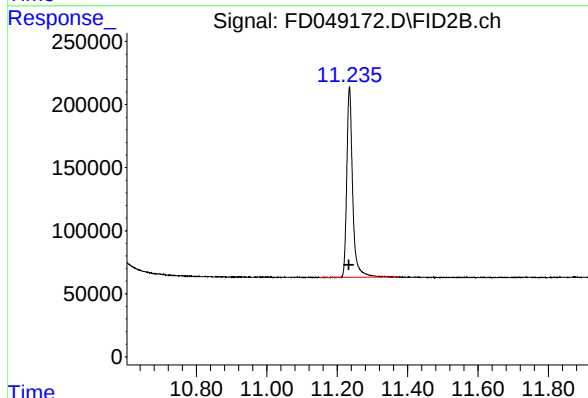
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



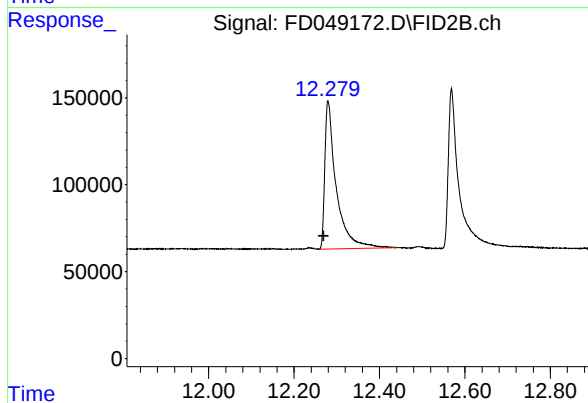
#10 Anthracene (C19.43)

R.T.: 10.553 min
Delta R.T.: 0.010 min
Response: 1521387
Conc: 9.89 ug/ml



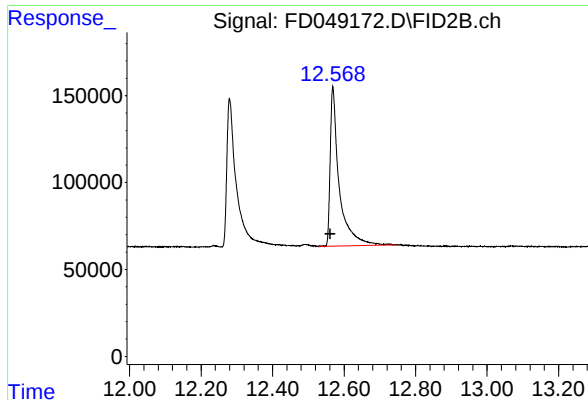
#11 ortho-Terphenyl (SURR)

R.T.: 11.235 min
Delta R.T.: 0.002 min
Response: 1755139
Conc: 10.24 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.280 min
Delta R.T.: 0.011 min
Response: 1581844
Conc: 9.78 ug/ml



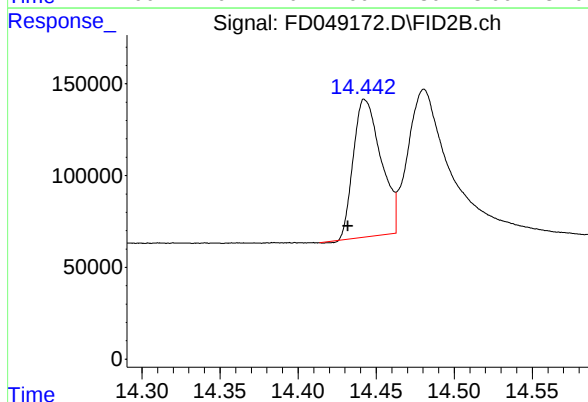
#13 Pyrene (C20.8)

R.T.: 12.569 min
Delta R.T.: 0.008 min
Response: 1595552
Conc: 10.10 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4

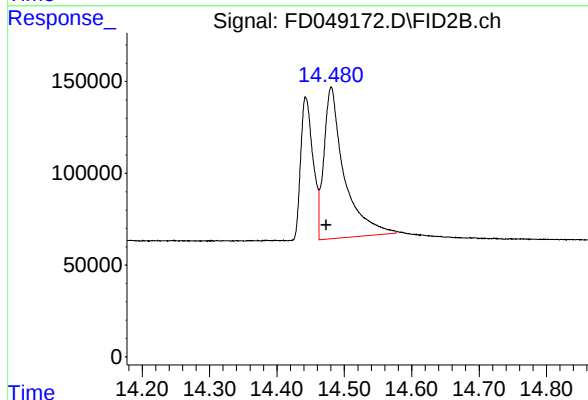
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



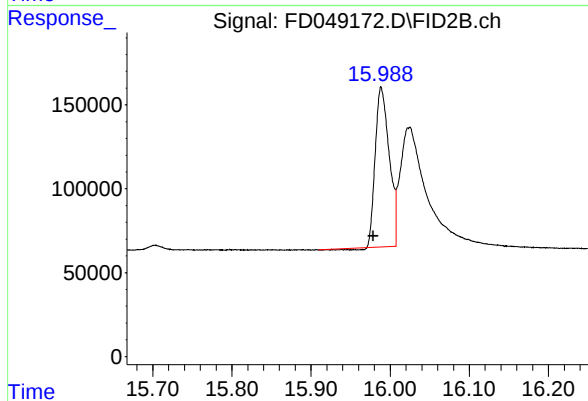
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.443 min
Delta R.T.: 0.011 min
Response: 922184
Conc: 7.21 ug/ml



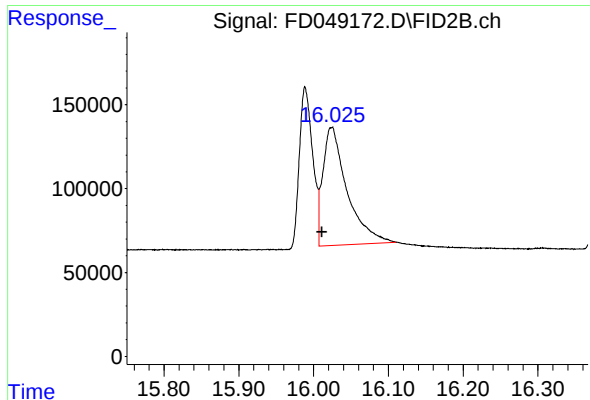
#15 Chrysene (C27.41)

R.T.: 14.480 min
Delta R.T.: 0.007 min
Response: 1724329
Conc: 11.03 ug/ml m



#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.989 min
Delta R.T.: 0.010 min
Response: 1149787
Conc: 8.36 ug/ml



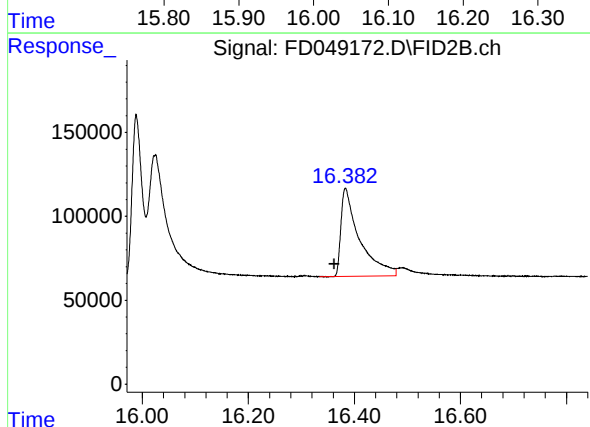
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.024 min
Delta R.T.: 0.013 min
Response: 1578763
Conc: 10.07 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4

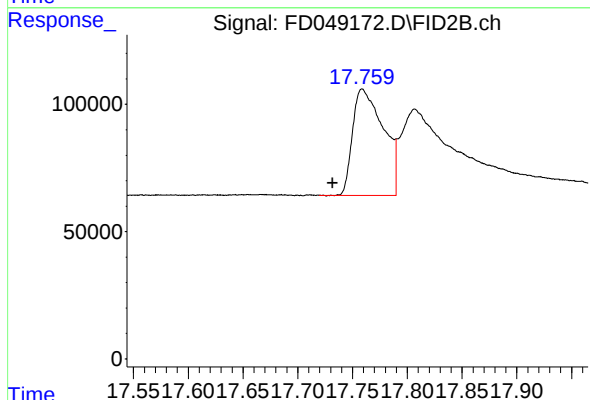
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



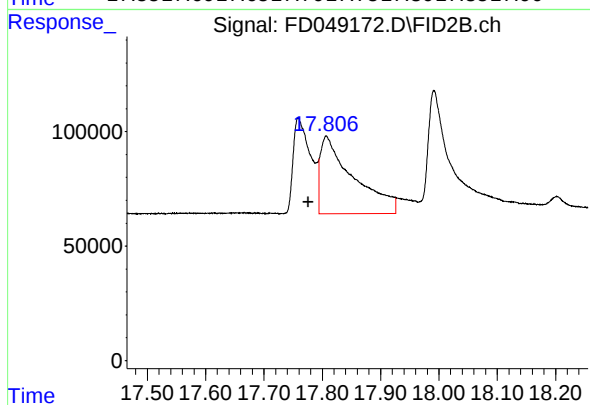
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.383 min
Delta R.T.: 0.021 min
Response: 1267720
Conc: 9.29 ug/ml



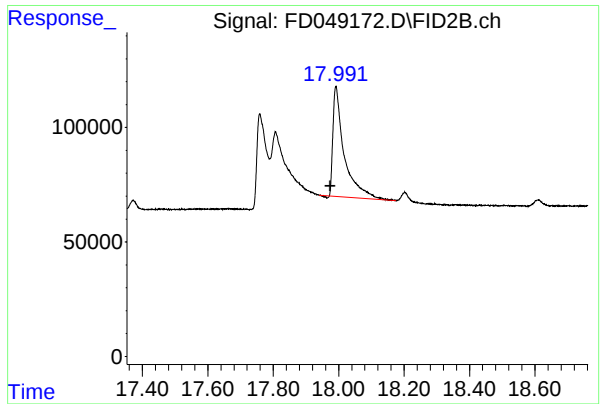
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.759 min
Delta R.T.: 0.027 min
Response: 818938
Conc: 9.11 ug/ml m



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.806 min
Delta R.T.: 0.030 min
Response: 1327218
Conc: 8.57 ug/ml m



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 17.992 min
Delta R.T.: 0.017 min
Response: 1145738
Conc: 8.89 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025

rteres

Instrument :
FID_D
LabSampleId :
10 PPM AROMATIC HC STD4
Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD03072
Data File : FD049172.D
Signal(s) : FID2B.ch
Acq On : 06 Mar 2025 11:28
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.178	4.082	4.327	BB	146956	1637054	85.42%	5.597%
2	5.699	5.608	5.917	BB	96913	1627374	84.91%	5.564%
3	6.747	6.725	6.955	PB	84153	1622778	84.67%	5.548%
4	7.358	7.335	7.533	PB	90328	1503728	78.46%	5.141%
5	8.008	7.970	8.188	BB	125083	1735802	90.57%	5.934%
6	8.219	8.190	8.276	BV	37313	702504	36.65%	2.402%
7	8.297	8.276	8.450	VB	156648	1916580	100.00%	6.552%
8	9.085	9.038	9.270	BB	91050	1580290	82.45%	5.403%
9	10.471	10.413	10.533	BV	108264	1532376	79.95%	5.239%
10	10.553	10.533	10.787	VB	65484	1521387	79.38%	5.201%
11	11.235	11.148	11.367	BB	151091	1755139	91.58%	6.000%
12	12.280	12.258	12.438	PB	84730	1581844	82.53%	5.408%
13	12.569	12.530	12.745	BB	91556	1595552	83.25%	5.455%
14	14.443	14.413	14.463	BV	74604	922184	48.12%	3.153%
15	14.481	14.463	14.530	VBA	76621	1309418	68.32%	4.477%
16	15.989	15.910	16.007	BV	95423	1149787	59.99%	3.931%
17	16.024	16.007	16.110	VBA	70554	1578763	82.37%	5.397%
18	16.383	16.333	16.478	BV	52455	1267720	66.14%	4.334%
19	17.759	17.700	17.789	BV	39257	701818	36.62%	2.399%
20	17.807	17.789	17.900	VBA	29286	862103	44.98%	2.947%
21	17.992	17.940	18.175	BV	47981	1145738	59.78%	3.917%
Sum of corrected areas:						29249940		

Aromatic EPH 030725.M Mon Mar 10 03:57:53 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030725AR\
 Data File : FD049173.D
 Signal(s) : FID2B.ch
 Acq On : 06 Mar 2025 13:59
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/10/2025
 Supervised By :Ankita Jodhani 03/10/2025

Integration File: autoint1.e
 Quant Time: Mar 10 03:33:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 10 02:40:35 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.367	866871	5.701 ug/ml
Spiked Amount 50.000		Recovery =	11.40%
6) S 2-Fluorobiphenyl (SURR)	8.243	292041	3.667 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	7.33%
11) S ortho-Terphenyl (SURR)	11.238	1034518	5.918 ug/ml
Spiked Amount 50.000		Recovery =	11.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.180	929080	5.622 ug/ml
2) T Naphthalene (C11.7)	5.707	854234	5.202 ug/ml
3) T 2-Methylnaphthalene (...)	6.758	887507	5.414 ug/ml
5) T Acenaphthylene (C15.06)	8.013	1011519	5.824 ug/ml
7) T Acenaphthene (C15.5)	8.301	1226413	6.552 ug/ml
8) T Fluorene (C16.55)	9.097	865075	5.344 ug/ml
9) T Phenanthrene (C19.36)	10.485	851101	5.411 ug/ml
10) T Anthracene (C19.43)	10.574	800491	5.239 ug/ml
12) T Fluoranthene (C21.85)	12.297	887228	5.497 ug/ml
13) T Pyrene (C20.8)	12.581	911422	5.645 ug/ml
14) T Benzo[a]anthracene (C...	14.463	433911	3.822 ug/mlm
15) T Chrysene (C27.41)	14.496	1019166	6.566 ug/mlm
16) T benzo[b]fluoranthene ...	16.008	578716	4.360 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.045	1023779	6.498 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.412	760438	5.521 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.796	440751	4.513 ug/mlm
20) T Dibenz[a,h]anthracene...	17.853	337734	2.769 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.013	564791	4.565 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030725AR\
Data File : FD049173.D
Signal(s) : FID2B.ch
Acq On : 06 Mar 2025 13:59
Operator : YP/AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 70 Sample Multiplier: 1

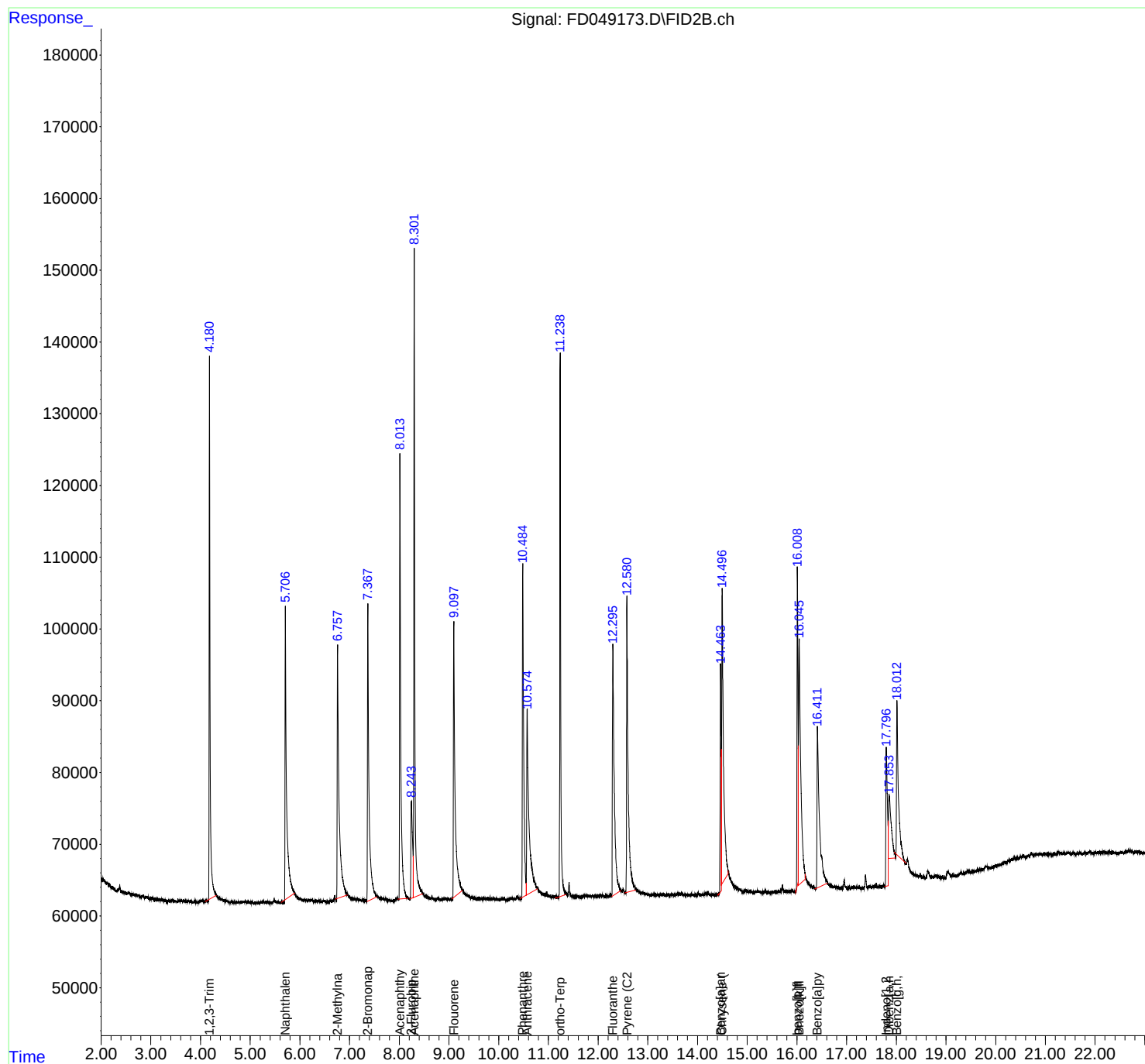
Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

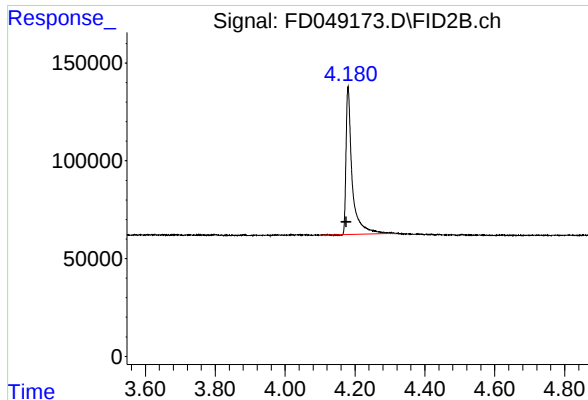
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025

Integration File: autoint1.e
Quant Time: Mar 10 03:33:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
Quant Title : GC Extractables
QLast Update : Mon Mar 10 02:40:35 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





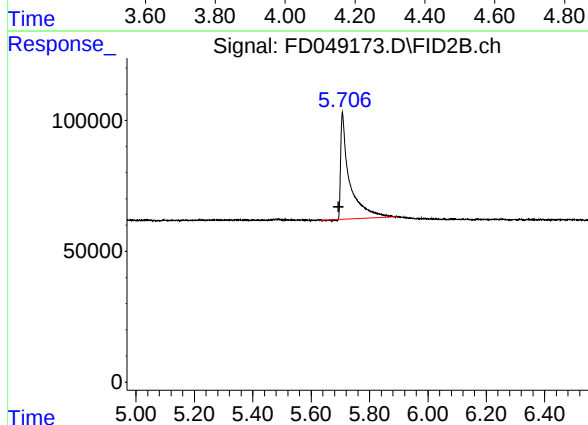
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.180 min
Delta R.T.: 0.005 min
Response: 929080
Conc: 5.62 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

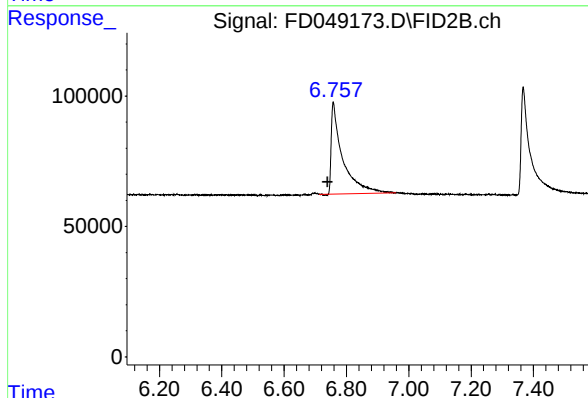
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



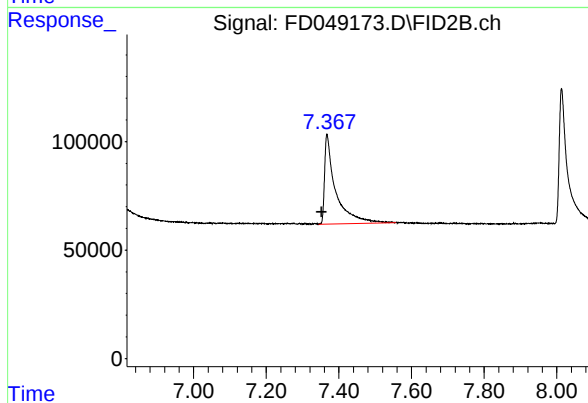
#2 Naphthalene (C11.7)

R.T.: 5.707 min
Delta R.T.: 0.014 min
Response: 854234
Conc: 5.20 ug/ml



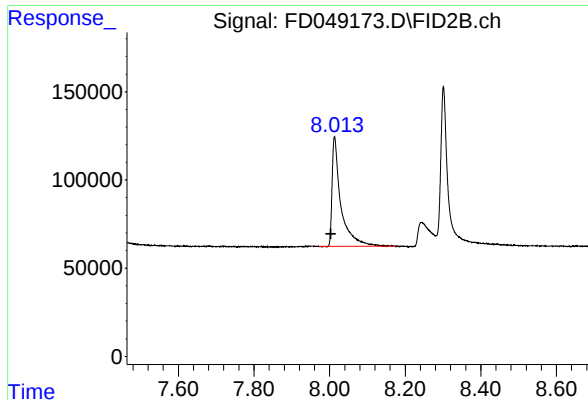
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.758 min
Delta R.T.: 0.018 min
Response: 887507
Conc: 5.41 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.367 min
Delta R.T.: 0.015 min
Response: 866871
Conc: 5.70 ug/ml



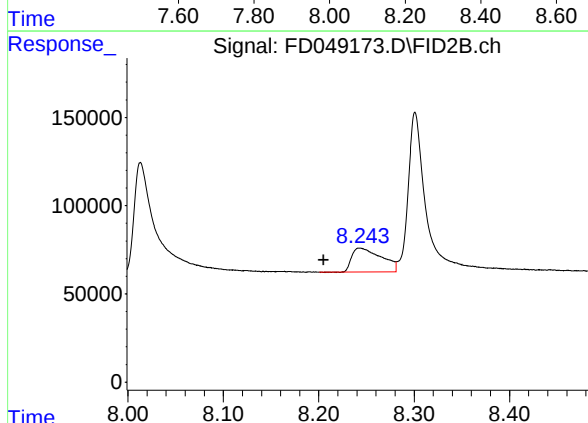
#5 Acenaphthylene (C15.06)

R.T.: 8.013 min
Delta R.T.: 0.010 min
Response: 1011519
Conc: 5.82 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

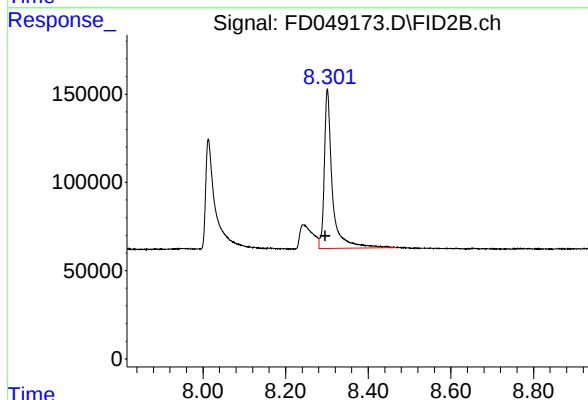
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



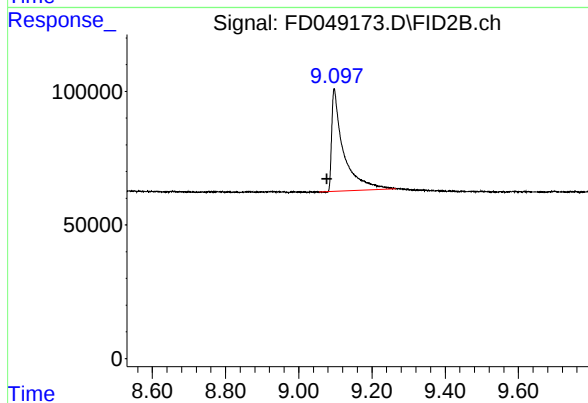
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.243 min
Delta R.T.: 0.038 min
Response: 292041
Conc: 3.67 ug/ml



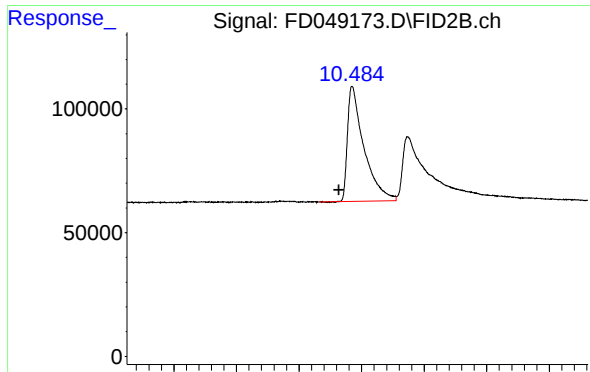
#7 Acenaphthene (C15.5)

R.T.: 8.301 min
Delta R.T.: 0.005 min
Response: 1226413
Conc: 6.55 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.097 min
Delta R.T.: 0.020 min
Response: 865075
Conc: 5.34 ug/ml



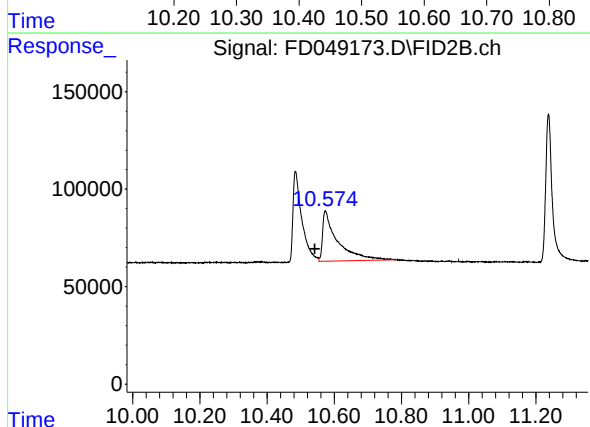
#9 Phenanthrene (C19.36)

R.T.: 10.485 min
Delta R.T.: 0.021 min
Response: 851101
Conc: 5.41 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

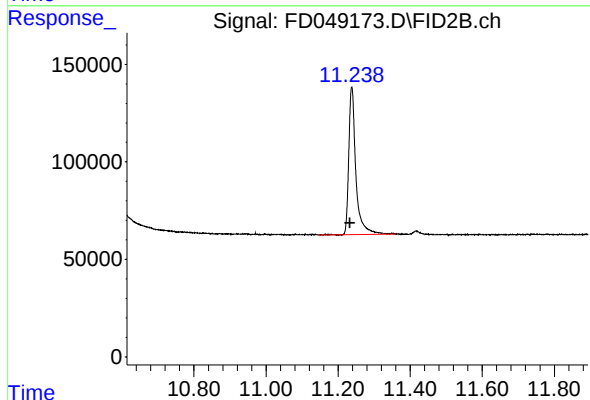
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



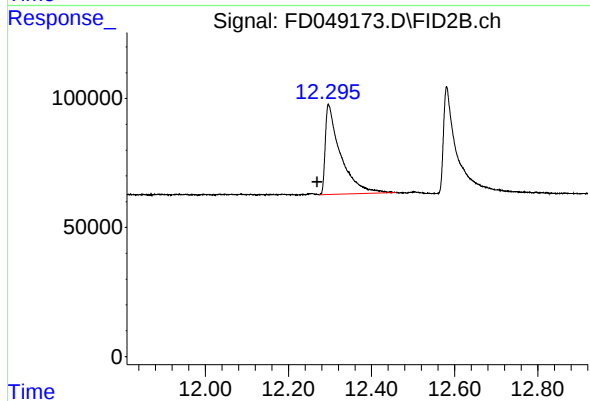
#10 Anthracene (C19.43)

R.T.: 10.574 min
Delta R.T.: 0.031 min
Response: 800491
Conc: 5.24 ug/ml



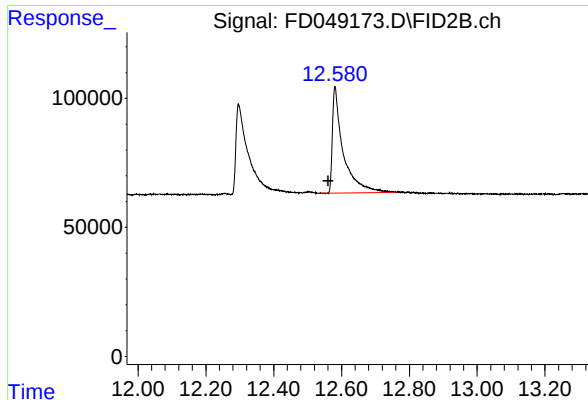
#11 ortho-Terphenyl (SURR)

R.T.: 11.238 min
Delta R.T.: 0.005 min
Response: 1034518
Conc: 5.92 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.297 min
Delta R.T.: 0.027 min
Response: 887228
Conc: 5.50 ug/ml



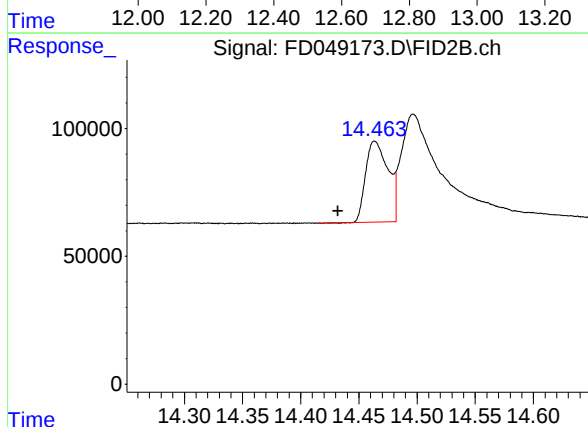
#13 Pyrene (C20.8)

R.T.: 12.581 min
Delta R.T.: 0.020 min
Response: 911422
Conc: 5.65 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

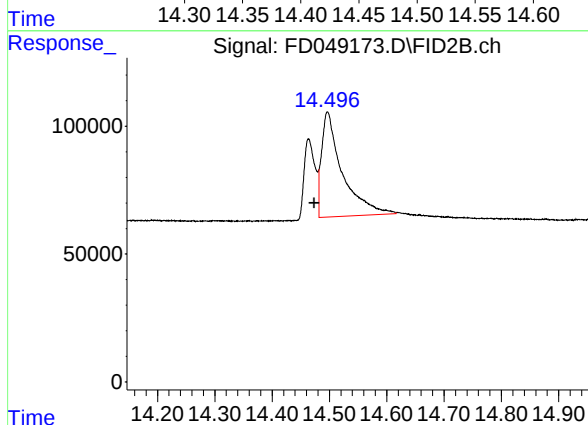
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



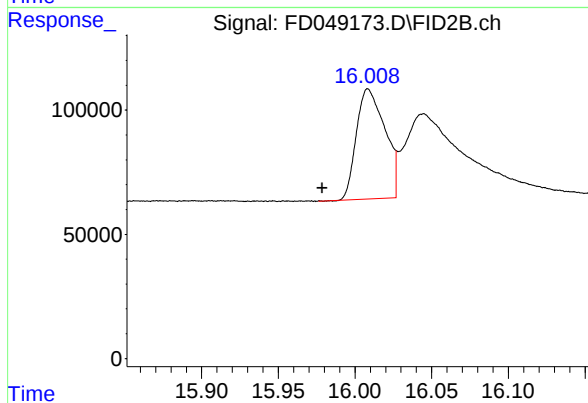
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.463 min
Delta R.T.: 0.031 min
Response: 433911
Conc: 3.82 ug/ml m



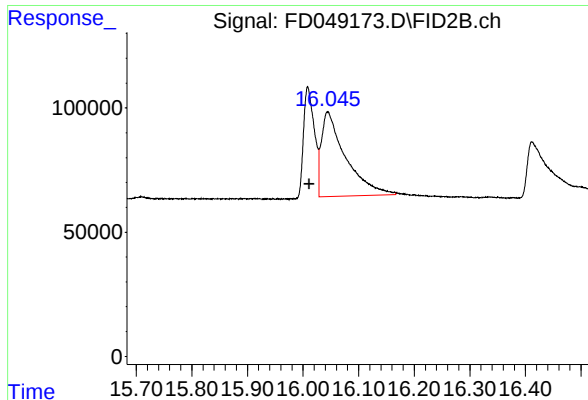
#15 Chrysene (C27.41)

R.T.: 14.496 min
Delta R.T.: 0.022 min
Response: 1019166
Conc: 6.57 ug/ml m



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.008 min
Delta R.T.: 0.029 min
Response: 578716
Conc: 4.36 ug/ml m



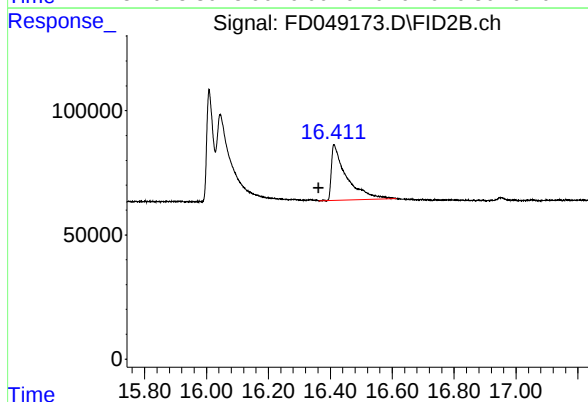
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.045 min
Delta R.T.: 0.034 min
Response: 1023779
Conc: 6.50 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

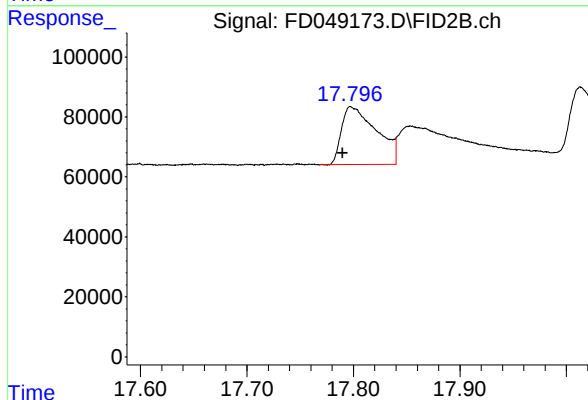
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



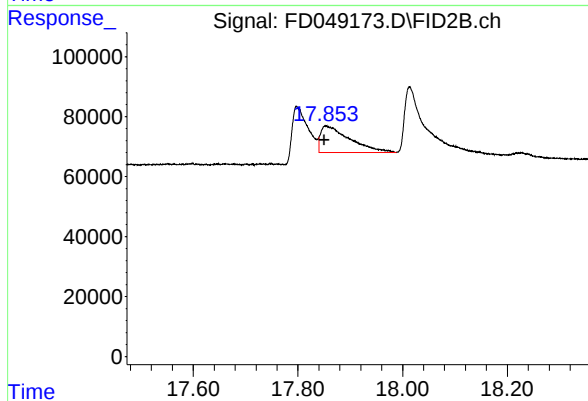
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.412 min
Delta R.T.: 0.050 min
Response: 760438
Conc: 5.52 ug/ml



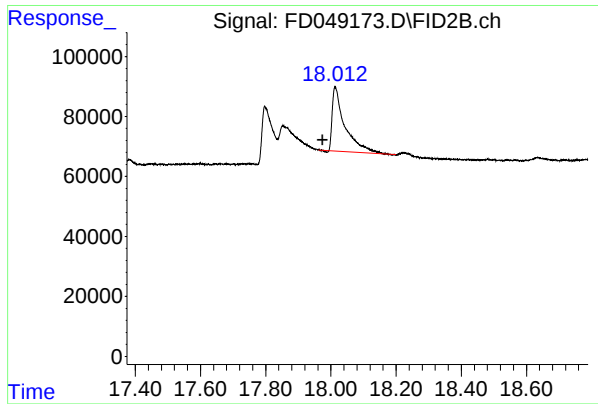
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.796 min
Delta R.T.: 0.006 min
Response: 440751
Conc: 4.51 ug/ml m



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.853 min
Delta R.T.: 0.003 min
Response: 337734
Conc: 2.77 ug/ml m



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.013 min
Delta R.T.: 0.039 min
Response: 564791
Conc: 4.57 ug/ml

Instrument :

FID_D

ClientSampleId :

5 PPM AROMATIC HC STD5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025

nteres

Instrument :
FID_D
LabSampleId :
5 PPM AROMATIC HC STD5
Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD03072
Data File : FD049173.D
Signal(s) : FID2B.ch
Acq On : 06 Mar 2025 13:59
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 70 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.180	4.097	4.317	BB	75350	929080	75.76%	6.136%
2	5.707	5.627	5.890	BB	40830	854234	69.65%	5.641%
3	6.758	6.712	6.959	BB	34992	887507	72.37%	5.861%
4	7.367	7.345	7.557	BB	41469	866871	70.68%	5.725%
5	8.013	7.972	8.175	BB	62067	1011519	82.48%	6.680%
6	8.243	8.200	8.281	BV	13534	292041	23.81%	1.929%
7	8.301	8.281	8.467	VB	90218	1226413	100.00%	8.099%
8	9.097	9.055	9.265	BB	38424	865075	70.54%	5.713%
9	10.485	10.432	10.555	BV	46468	851101	69.40%	5.621%
10	10.574	10.555	10.784	VB	25755	800491	65.27%	5.286%
11	11.238	11.147	11.360	BB	75747	1034518	84.35%	6.832%
12	12.297	12.274	12.459	PB	34727	887228	72.34%	5.859%
13	12.581	12.534	12.760	BB	41353	911422	74.32%	6.019%
14	14.464	14.412	14.480	BV	25676	241588	19.70%	1.595%
15	14.497	14.480	14.530	VBA	32126	517470	42.19%	3.417%
16	16.009	15.960	16.029	BV	42792	545086	44.45%	3.600%
17	16.045	16.029	16.110	VBA	31096	731101	59.61%	4.828%
18	16.412	16.364	16.612	BB	22411	760438	62.01%	5.022%
19	17.797	17.707	17.836	BV	15570	216105	17.62%	1.427%
20	17.854	17.836	17.900	VBA	6556	148621	12.12%	0.981%
21	18.013	17.964	18.200	BBA	21408	564791	46.05%	3.730%
Sum of corrected areas:						15142700		

Aromatic EPH 030725.M Mon Mar 10 03:58:13 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030725AR\
 Data File : FD049174.D
 Signal(s) : FID2B.ch
 Acq On : 06 Mar 2025 14:36
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC ICV

Integration File: autoint1.e
 Quant Time: Mar 10 03:14:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 10 02:40:35 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.352	3021840	19.873 ug/ml
Spiked Amount 50.000		Recovery =	39.75%
6) S 2-Fluorobiphenyl (SURR)	8.205	1725739	21.667 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.33%
11) S ortho-Terphenyl (SURR)	11.234	3452733	19.752 ug/ml
Spiked Amount 50.000		Recovery =	39.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.174	3318438	20.079 ug/ml
2) T Naphthalene (C11.7)	5.693	3324613	20.245 ug/ml
3) T 2-Methylnaphthalene (...)	6.739	3340468	20.377 ug/ml
5) T Acenaphthylene (C15.06)	8.003	3436626	19.786 ug/ml
7) T Acenaphthene (C15.5)	8.296	3590481	19.181 ug/ml
8) T Fluorene (C16.55)	9.078	3319406	20.506 ug/ml
9) T Phenanthrene (C19.36)	10.464	3149703	20.025 ug/ml
10) T Anthracene (C19.43)	10.543	3099349	20.285 ug/ml
12) T Fluoranthene (C21.85)	12.270	3223031	19.971 ug/ml
13) T Pyrene (C20.8)	12.561	3173403	19.655 ug/ml
14) T Benzo[a]anthracene (C...	14.432	2577848	22.707 ug/ml
15) T Chrysene (C27.41)	14.474	2629892	16.943 ug/ml
16) T benzo[b]fluoranthene ...	15.980	2780927	20.953 ug/ml
17) T Bnezo[k]fluoranthene ...	16.012	3141263	19.937 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.363	2722211	19.765 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.733	1781652	18.245 ug/ml
20) T Dibenz[a,h]anthracene...	17.776	2457790	20.152 ug/ml
21) T Benzo[g,h,i]perylene ...	17.975	2530641	20.454 ug/ml

(f)=RT Delta > 1/2 Window

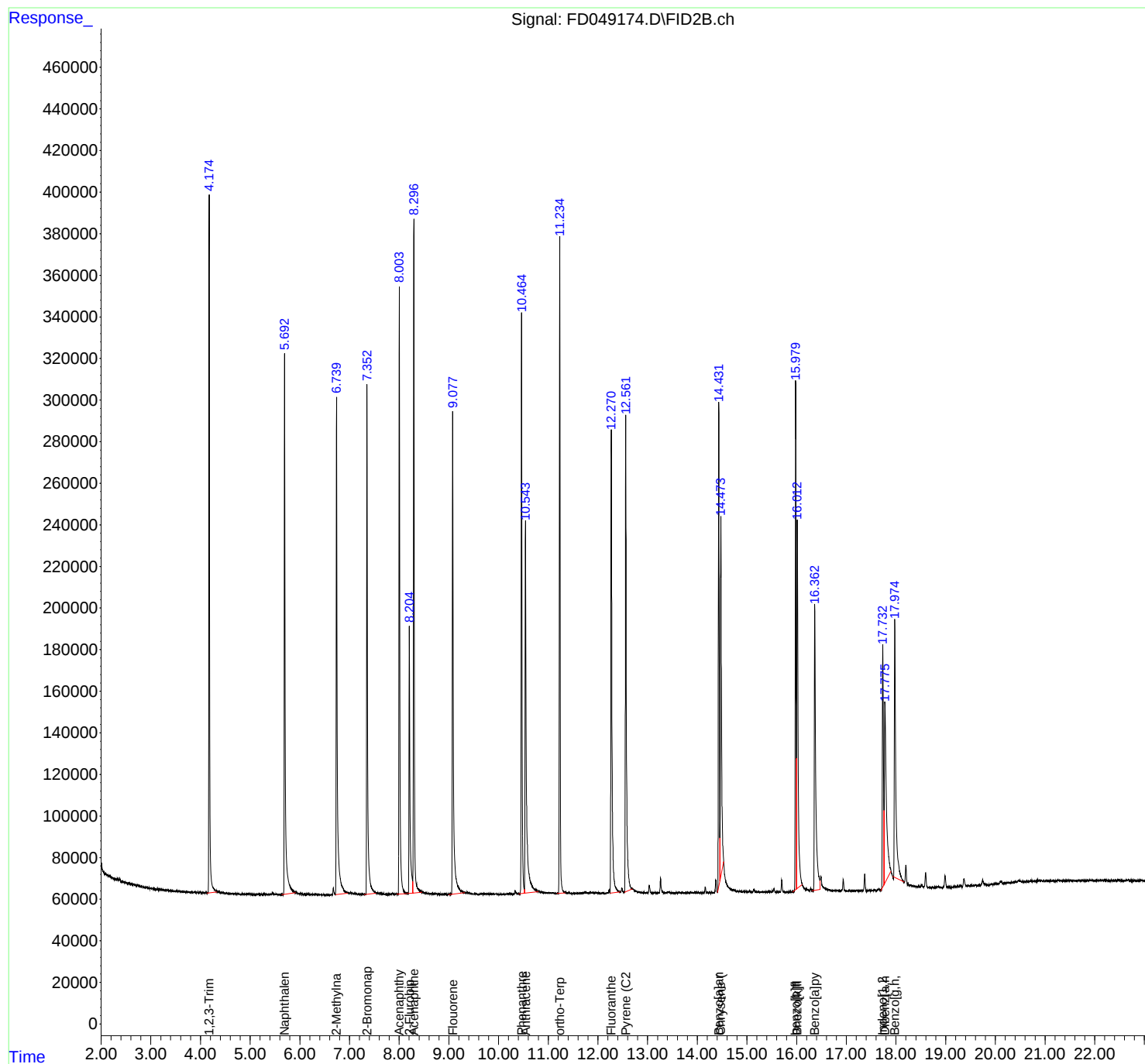
(m)=manual int.

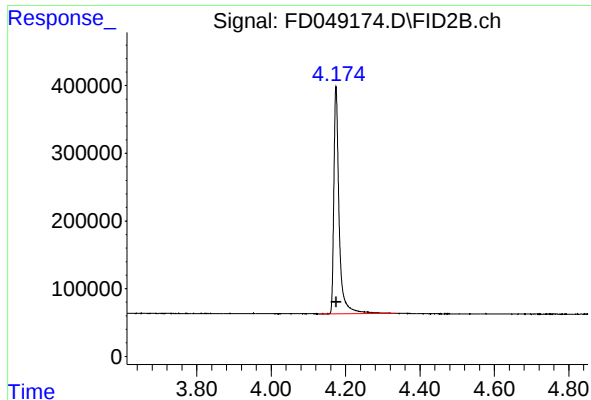
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030725AR\
Data File : FD049174.D
Signal(s) : FID2B.ch
Acq On : 06 Mar 2025 14:36
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC ICV
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC ICV

Integration File: autoint1.e
Quant Time: Mar 10 03:14:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
Quant Title : GC Extractables
QLast Update : Mon Mar 10 02:40:35 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

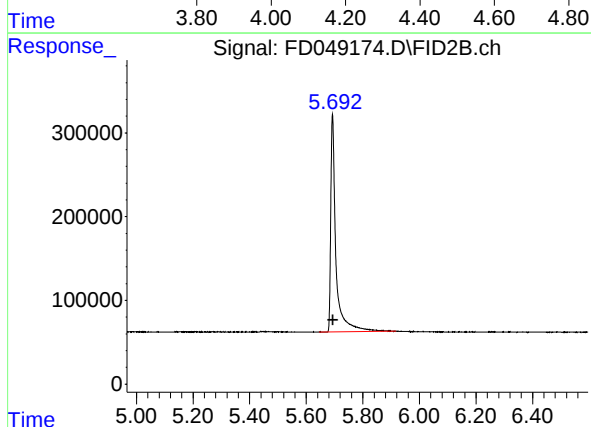




#1 1,2,3-Trimethylbenzene (C10.1)

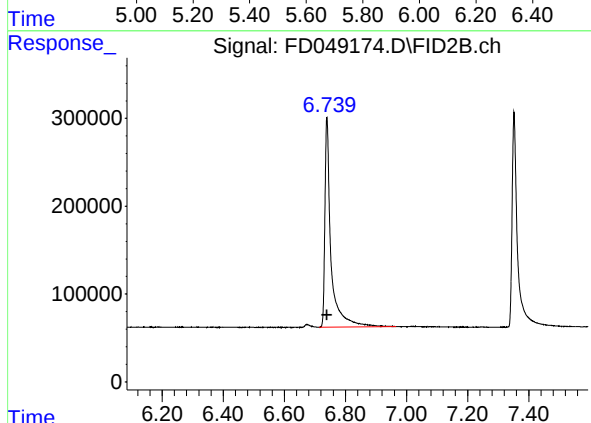
R.T.: 4.174 min
Delta R.T.: 0.000 min
Response: 3318438
Conc: 20.08 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC ICV



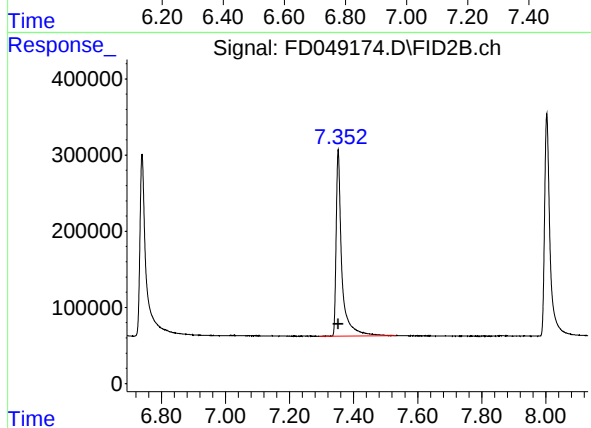
#2 Naphthalene (C11.7)

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 3324613
Conc: 20.24 ug/ml



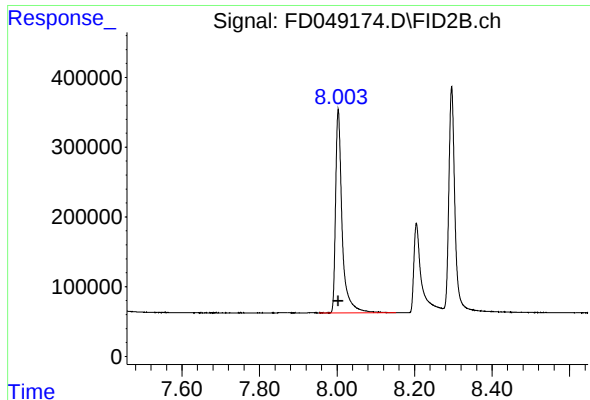
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 3340468
Conc: 20.38 ug/ml



#4 2-Bromonaphthalene (SURR)

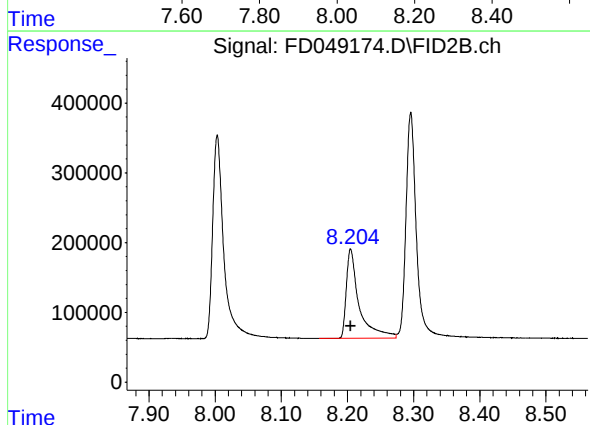
R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 3021840
Conc: 19.87 ug/ml



#5 Acenaphthylene (C15.06)

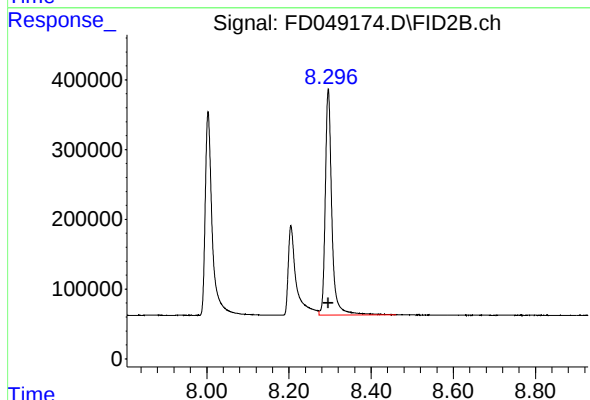
R.T.: 8.003 min
Delta R.T.: 0.000 min
Response: 3436626
Conc: 19.79 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC ICV



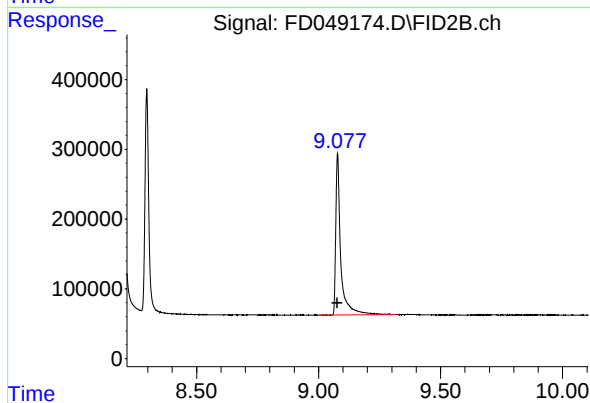
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.205 min
Delta R.T.: 0.000 min
Response: 1725739
Conc: 21.67 ug/ml



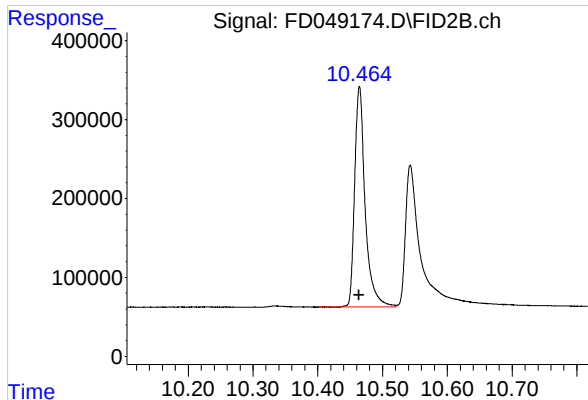
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: 0.000 min
Response: 3590481
Conc: 19.18 ug/ml



#8 Flouorene (C16.55)

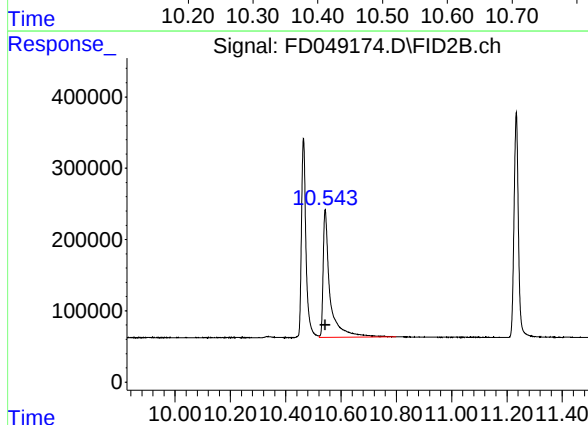
R.T.: 9.078 min
Delta R.T.: 0.000 min
Response: 3319406
Conc: 20.51 ug/ml



#9 Phenanthrene (C19.36)

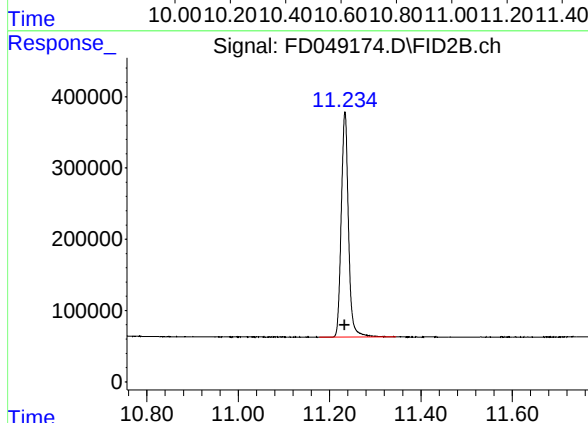
R.T.: 10.464 min
Delta R.T.: 0.000 min
Response: 3149703
Conc: 20.02 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC ICV



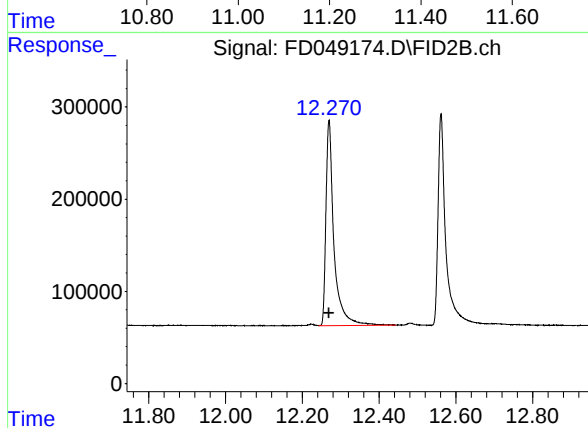
#10 Anthracene (C19.43)

R.T.: 10.543 min
Delta R.T.: 0.000 min
Response: 3099349
Conc: 20.28 ug/ml



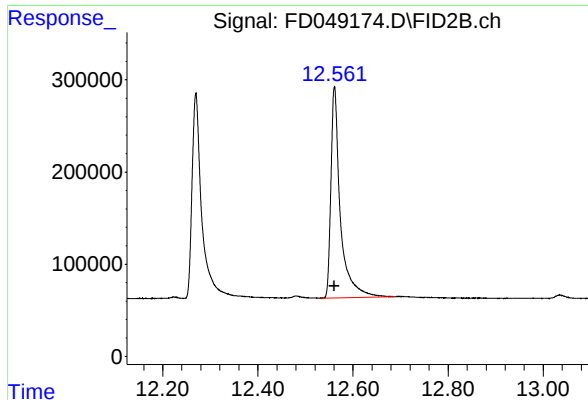
#11 ortho-Terphenyl (SURR)

R.T.: 11.234 min
Delta R.T.: 0.000 min
Response: 3452733
Conc: 19.75 ug/ml



#12 Fluoranthene (C21.85)

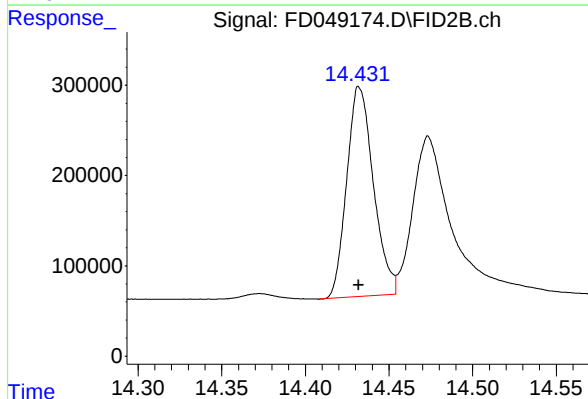
R.T.: 12.270 min
Delta R.T.: 0.000 min
Response: 3223031
Conc: 19.97 ug/ml



#13 Pyrene (C20.8)

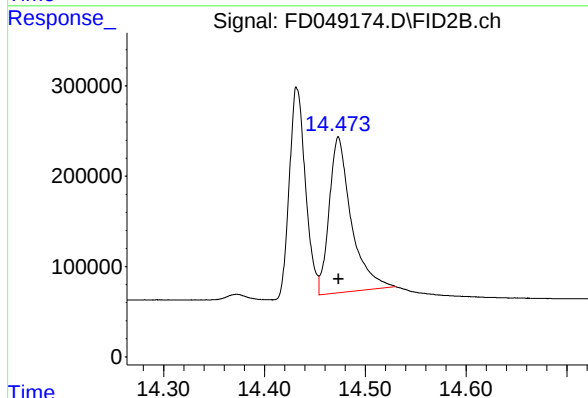
R.T.: 12.561 min
Delta R.T.: 0.000 min
Response: 3173403
Conc: 19.66 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC ICV



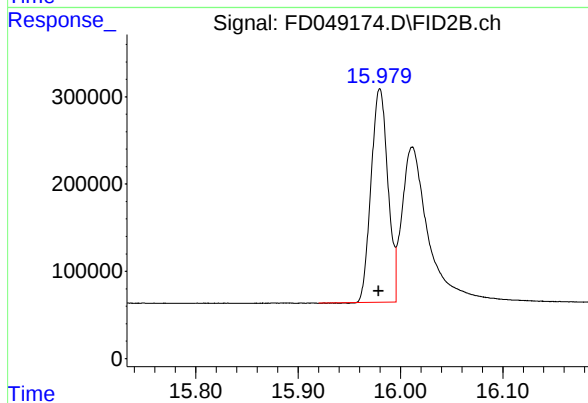
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.432 min
Delta R.T.: 0.000 min
Response: 2577848
Conc: 22.71 ug/ml



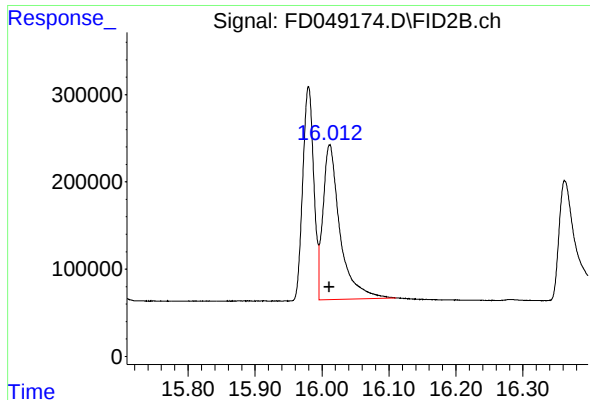
#15 Chrysene (C27.41)

R.T.: 14.474 min
Delta R.T.: 0.000 min
Response: 2629892
Conc: 16.94 ug/ml



#16 benzo[b]fluoranthene (C30.41)

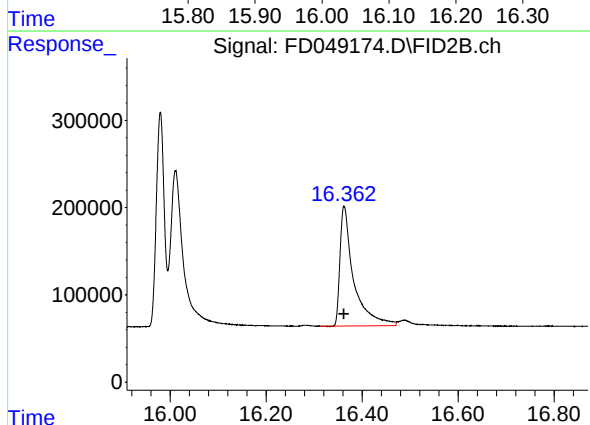
R.T.: 15.980 min
Delta R.T.: 0.001 min
Response: 2780927
Conc: 20.95 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

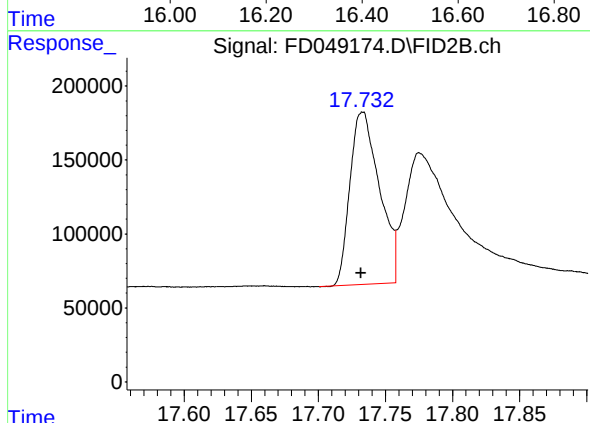
R.T.: 16.012 min
Delta R.T.: 0.000 min
Response: 3141263
Conc: 19.94 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC ICV



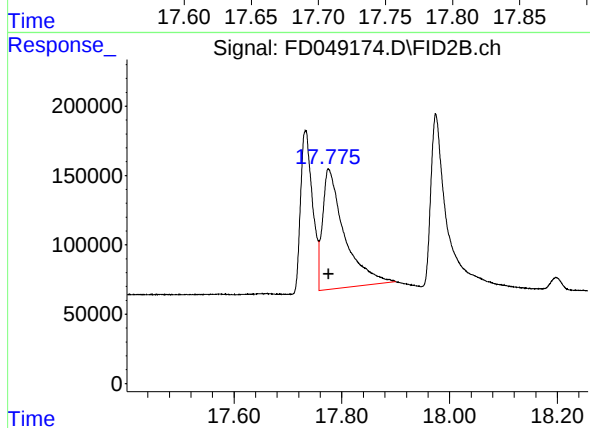
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.363 min
Delta R.T.: 0.000 min
Response: 2722211
Conc: 19.76 ug/ml



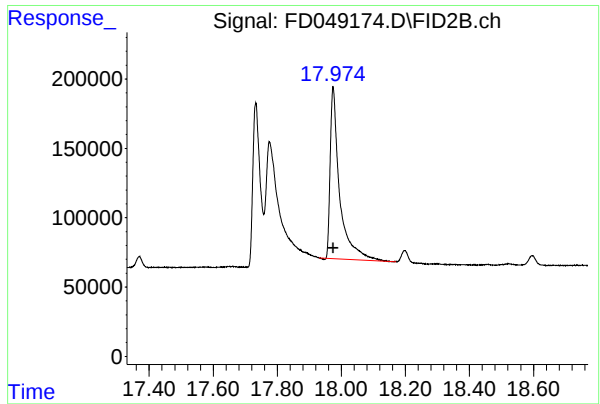
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.733 min
Delta R.T.: 0.001 min
Response: 1781652
Conc: 18.24 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.776 min
Delta R.T.: 0.000 min
Response: 2457790
Conc: 20.15 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 17.975 min
Delta R.T.: 0.000 min
Response: 2530641
Conc: 20.45 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC ICV

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030725AR\
 Data File : FD049174.D
 Signal(s) : FID2B.ch
 Acq On : 06 Mar 2025 14:36
 Sample : 20 PPM AROMATIC HC ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.174	4.129	4.335	BB	335647	3318438	92.42%	5.370%
2	5.693	5.645	5.917	BB	260385	3324613	92.60%	5.380%
3	6.740	6.714	6.965	PB	239411	3340468	93.04%	5.405%
4	7.352	7.292	7.532	BB	244862	3021840	84.16%	4.890%
5	8.003	7.954	8.152	BB	292047	3436626	95.71%	5.561%
6	8.205	8.157	8.273	BV	127566	1725739	48.06%	2.793%
7	8.296	8.273	8.460	VB	323405	3590481	100.00%	5.810%
8	9.078	9.002	9.317	BB	232294	3319406	92.45%	5.371%
9	10.464	10.402	10.521	BV	279640	3149703	87.72%	5.097%
10	10.543	10.521	10.799	VB	179294	3099349	86.32%	5.015%
11	11.234	11.177	11.345	BV	315740	3452733	96.16%	5.587%
12	12.270	12.243	12.444	PB	223125	3223031	89.77%	5.215%
13	12.561	12.529	12.690	BV	230400	3173403	88.38%	5.135%
14	14.432	14.408	14.454	PV	232252	2577848	71.80%	4.171%
15	14.474	14.454	14.530	VBA	172568	2629892	73.25%	4.256%
16	15.980	15.920	15.996	BV	244804	2780927	77.45%	4.500%
17	16.012	15.996	16.110	VBA	177272	3141263	87.49%	5.083%
18	16.363	16.310	16.471	BV	137413	2722211	75.82%	4.405%
19	17.733	17.700	17.758	BV	116839	1781652	49.62%	2.883%
20	17.776	17.758	17.900	VBA	86941	2457790	68.45%	3.977%
21	17.975	17.930	18.170	BV	124186	2530641	70.48%	4.095%
Sum of corrected areas:							61798052	

Aromatic EPH 030725.M Mon Mar 10 03:58:48 2025