

Initial Calibration Report for SequenceID : FF011425AR

AreaCount

Parameter Range	FF015238.D	FF015239.D	FF015240.D	FF015241.D	FF015242.D	
Aromatic C10-C12	30965620.000	15769068.000	6560469.000	3276731.000	1614787.000	
Aromatic C12-C16	47800506.000	24008637.000	9928159.000	4881993.000	2310555.000	
Aromatic C16-C21	60600751.000	30656802.000	12907218.000	6448234.000	3121870.000	
Aromatic C21-C36	124937823.000	63025276.000	26734403.000	13637803.000	6706840.000	
Aromatic EPH	264304700.000	133459783.000	56130249.000	28244761.000	13754052.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aromatic C10-C12	160369.151	2.502				
Aromatic C12-C16	160326.4033332	2.662				
Aromatic C16-C21	156685.0925	2.87				
Aromatic C21-C36	145594.4933328	3.95				
Aromatic EPH	152156.0178884	2.948				

Concentration

Parameter Range	FF015238.D	FF015239.D	FF015240.D	FF015241.D	FF015242.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	FF015238.D	FF015239.D	FF015240.D	FF015241.D	FF015242.D	
Aromatic C10-C12	154828.100000	157690.680000	164011.725000	163836.550000	161478.700000	
Aromatic C12-C16	159335.020000	160057.580000	165469.316666	162733.100000	154037.000000	
Aromatic C16-C21	151501.877500	153284.010000	161340.225000	161205.850000	156093.500000	
Aromatic C21-C36	138819.803333	140056.168888	148524.461111	151531.144444	149040.888888	
Aromatic EPH	146835.944444	148288.647777	155917.358333	156915.338888	152822.800000	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AR\
 Data File : FF015238.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 18:45
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/15/2025
 Supervised By :Ankita Jodhani 01/15/2025

Integration File: autoint1.e
 Quant Time: Jan 15 07:01:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 15 06:59:49 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...	7.996	13473334	98.656 ug/ml
Spiked Amount 50.000		Recovery =	197.31%
6) S 2-Fluorobiphenyl (SURR)	8.870	9124066	104.358 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	208.72%#
11) S ortho-Terphenyl (SURR)	11.933	16061243	91.027 ug/ml
Spiked Amount 50.000		Recovery =	182.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.607	15267468	93.380 ug/ml
2) T Naphthalene (C11.7)	6.276	15698152	95.414 ug/ml
3) T 2-Methylnaphthalene (...)	7.371	15952296	97.360 ug/ml
5) T Acenaphthylene (C15.06)	8.672	15815959	96.337 ug/ml
7) T Acenaphthene (C15.5)	8.973	16032251	95.211 ug/ml
8) T Flouorene (C16.55)	9.761	15744142	97.031 ug/ml
9) T Phenanthrene (C19.36)	11.166	15446040	93.999 ug/ml
10) T Anthracene (C19.43)	11.242	14086098	92.718 ug/ml
12) T Fluoranthene (C21.85)	12.989	15513262	91.766 ug/ml
13) T Pyrene (C20.8)	13.288	15324471	91.843 ug/ml
14) T Benzo[a]anthracene (C...	15.167	14342524	93.776 ug/ml
15) T Chrysene (C27.41)	15.216	14584566	92.516 ug/ml
16) T benzo[b]fluoranthene ...	16.728	14386286	94.790 ug/ml
17) T Bnezo[k]fluoranthene ...	16.770	13588027	94.915 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.112	13682965	94.650 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.485	13013123	101.563 ug/ml
20) T Dibenz[a,h]anthracene...	18.526	12764611	84.027 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.748	13062459	94.968 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AR\
Data File : FF015238.D
Signal(s) : FID2B.ch
Acq On : 14 Jan 2025 18:45
Operator : YP\AJ
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 71 Sample Multiplier: 1

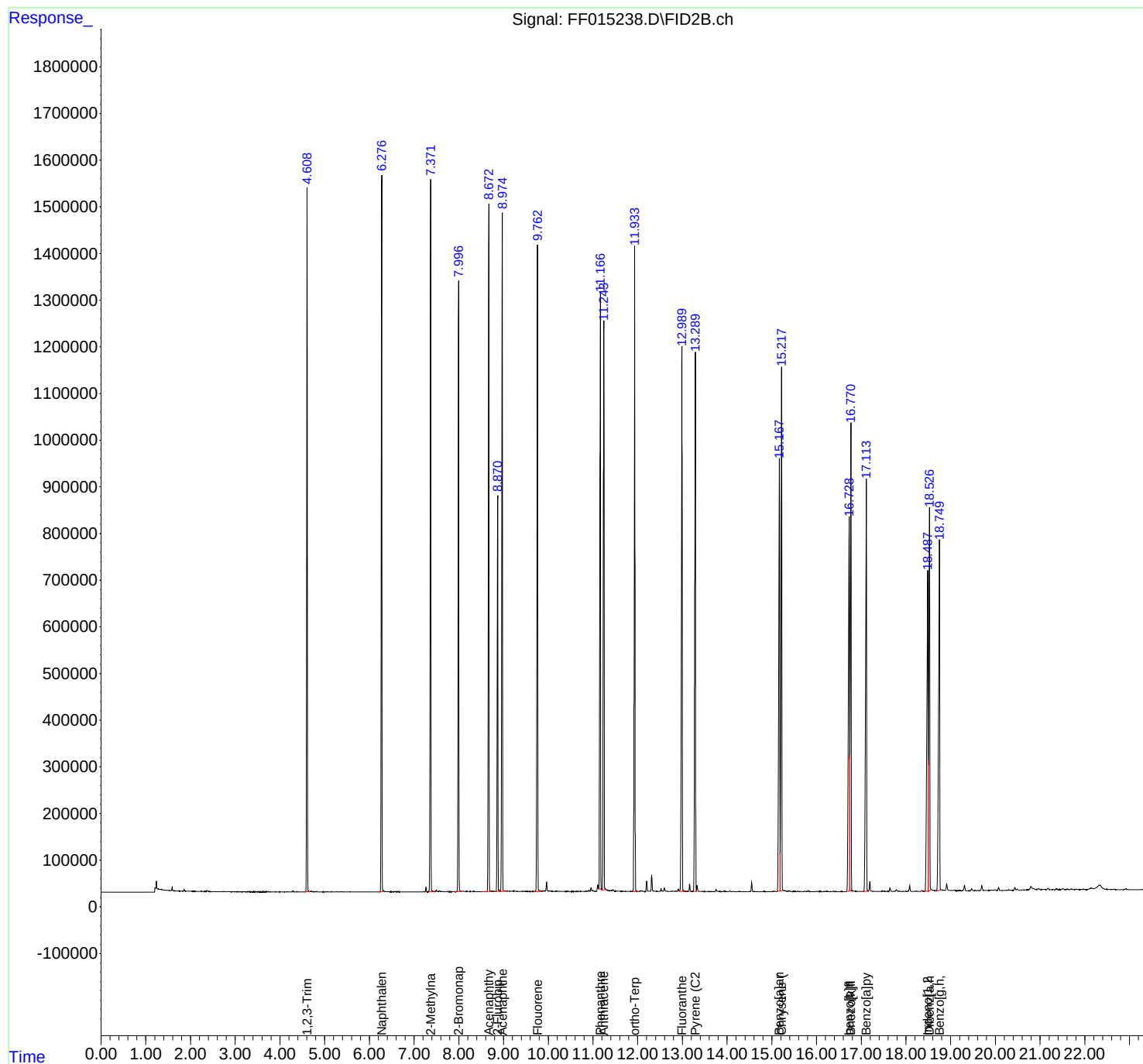
Instrument :
FID_F
ClientSampleId :
100 PPM AROMATIC HC STD1

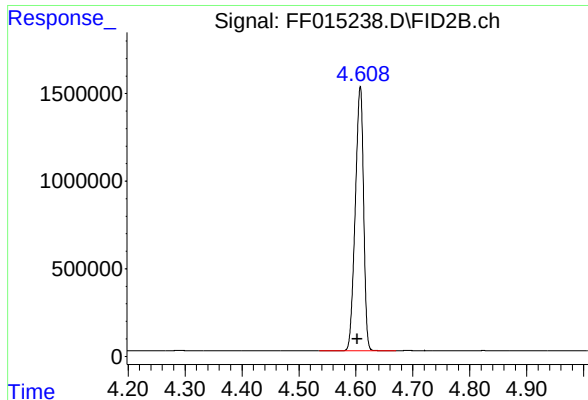
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Ankita Jodhani 01/15/2025

Integration File: autoint1.e
Quant Time: Jan 15 07:01:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Wed Jan 15 06:59:49 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.: 4.607 min
Delta R.T.: 0.005 min
Response: 15267468
Conc: 93.38 ug/ml

Instrument :

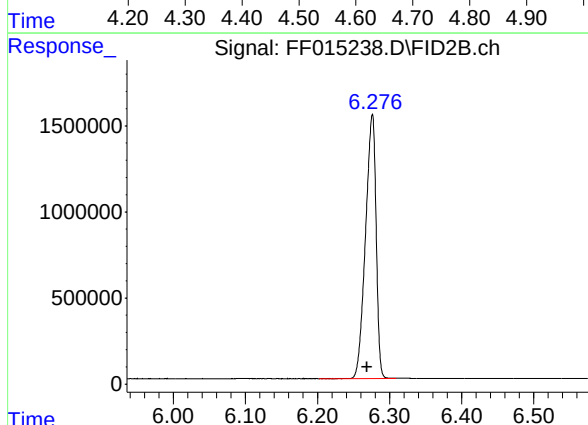
FID_F

ClientSampleId :

100 PPM AROMATIC HC STD1

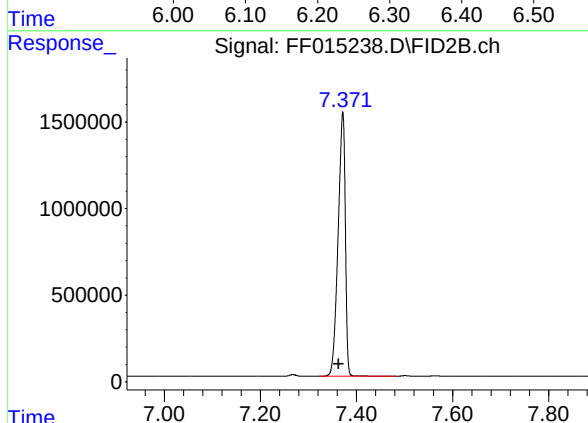
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/15/2025
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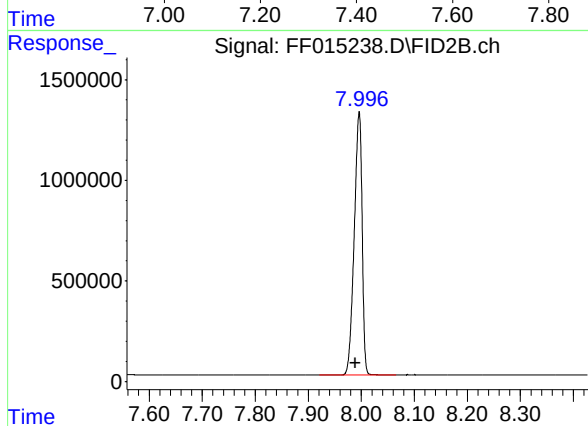
#2 Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: 0.007 min
Response: 15698152
Conc: 95.41 ug/ml



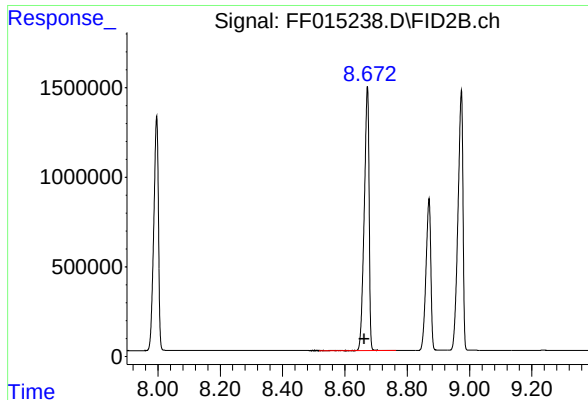
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.371 min
Delta R.T.: 0.008 min
Response: 15952296
Conc: 97.36 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.996 min
Delta R.T.: 0.007 min
Response: 13473334
Conc: 98.66 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.672 min
Delta R.T.: 0.010 min
Response: 15815959
Conc: 96.34 ug/ml

Instrument :

FID_F

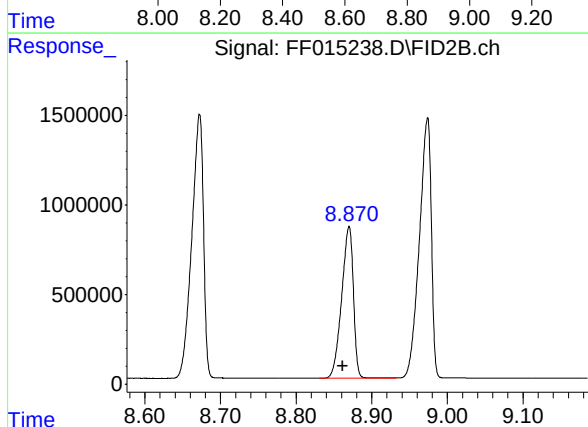
ClientSampleId :

100 PPM AROMATIC HC STD1

Manual Integrations

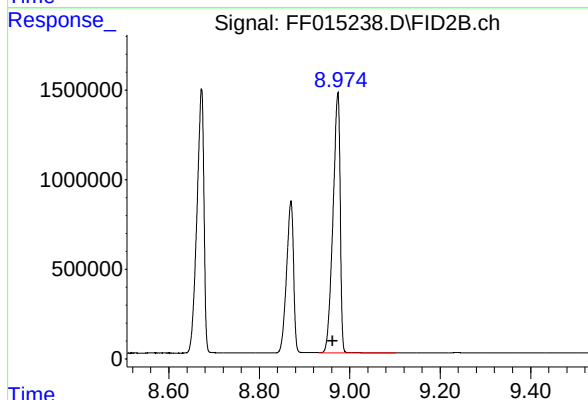
APPROVED

Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Ankita Jodhani 01/15/2025



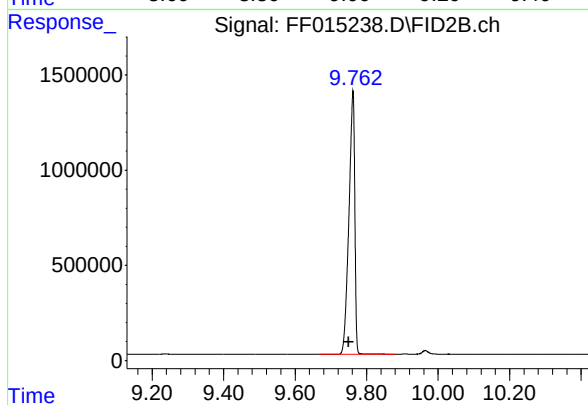
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.870 min
Delta R.T.: 0.008 min
Response: 9124066
Conc: 104.36 ug/ml



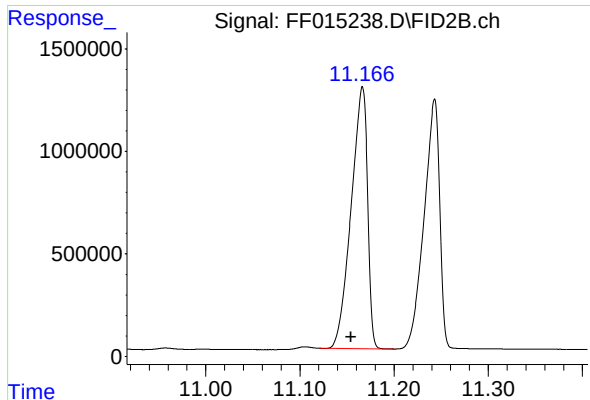
#7 Acenaphthene (C15.5)

R.T.: 8.973 min
Delta R.T.: 0.011 min
Response: 16032251
Conc: 95.21 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.761 min
Delta R.T.: 0.012 min
Response: 15744142
Conc: 97.03 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.166 min
Delta R.T.: 0.011 min
Response: 15446040
Conc: 94.00 ug/ml

Instrument :

FID_F

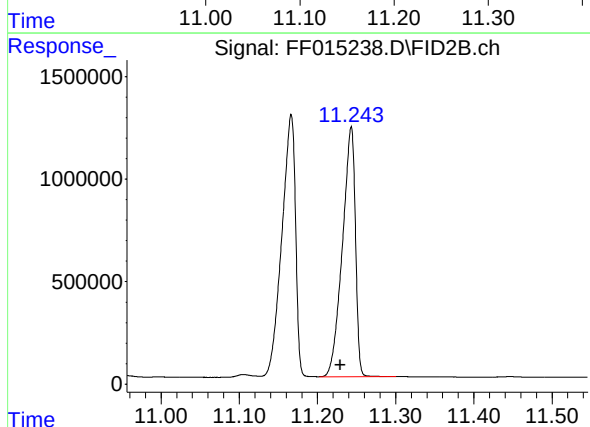
ClientSampleId :

100 PPM AROMATIC HC STD1

Manual Integrations

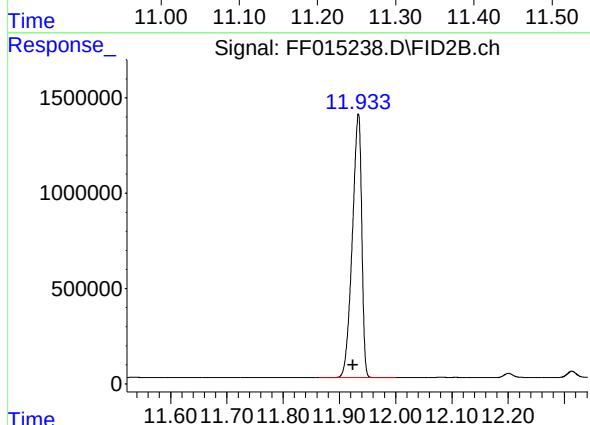
APPROVED

Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Ankita Jodhani 01/15/2025



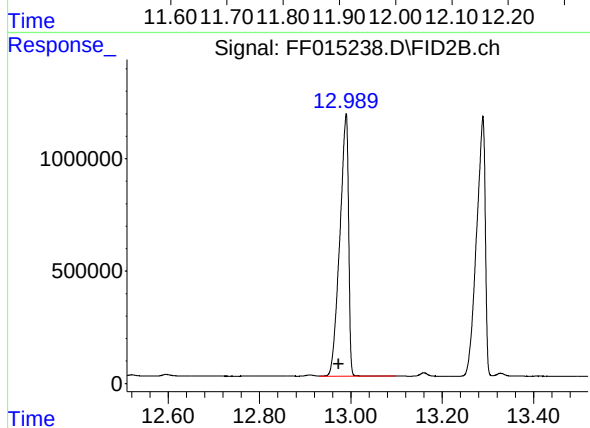
#10 Anthracene (C19.43)

R.T.: 11.242 min
Delta R.T.: 0.013 min
Response: 14086098
Conc: 92.72 ug/ml



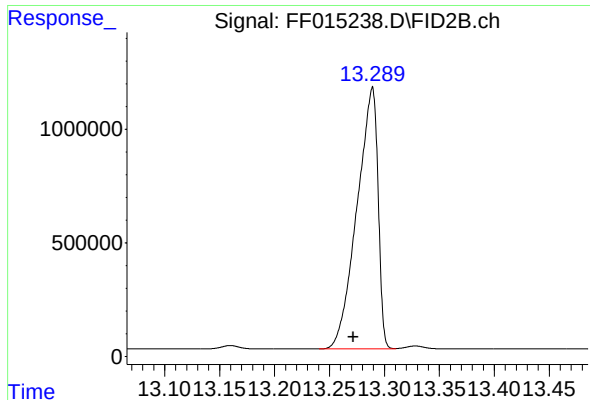
#11 ortho-Terphenyl (SURRE)

R.T.: 11.933 min
Delta R.T.: 0.009 min
Response: 16061243
Conc: 91.03 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.989 min
Delta R.T.: 0.015 min
Response: 15513262
Conc: 91.77 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.288 min
Delta R.T.: 0.017 min
Response: 15324471
Conc: 91.84 ug/ml

Instrument :

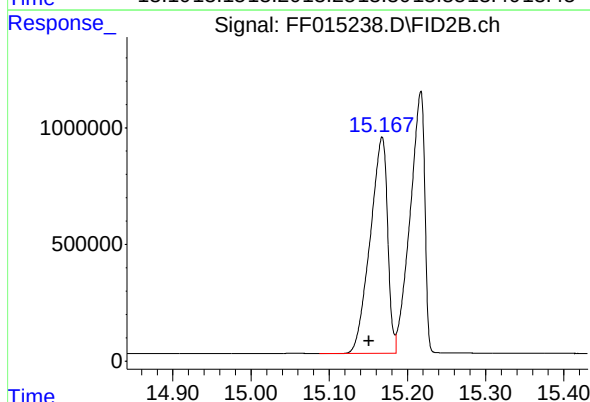
FID_F

ClientSampleId :

100 PPM AROMATIC HC STD1

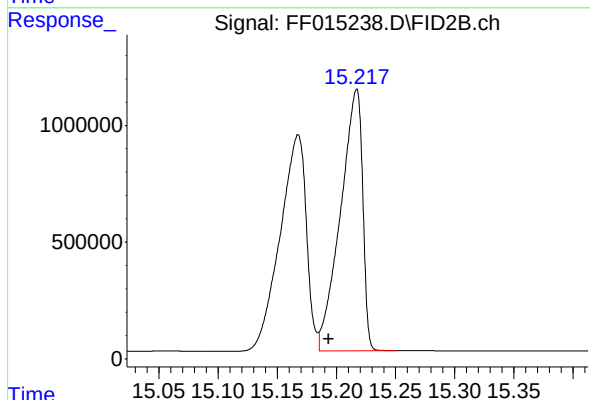
Manual Integrations
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Supervised By :Ankita Jodhani 01/15/2025



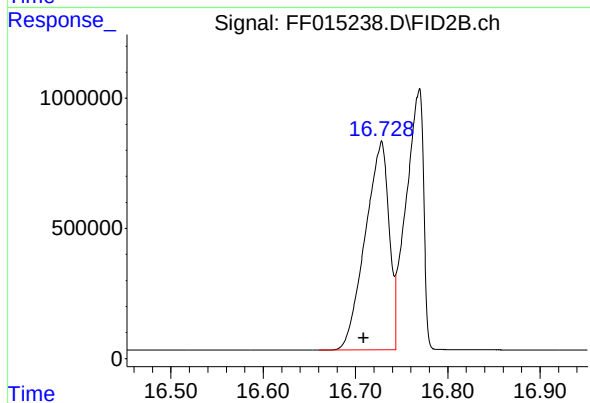
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.167 min
Delta R.T.: 0.016 min
Response: 14342524
Conc: 93.78 ug/ml



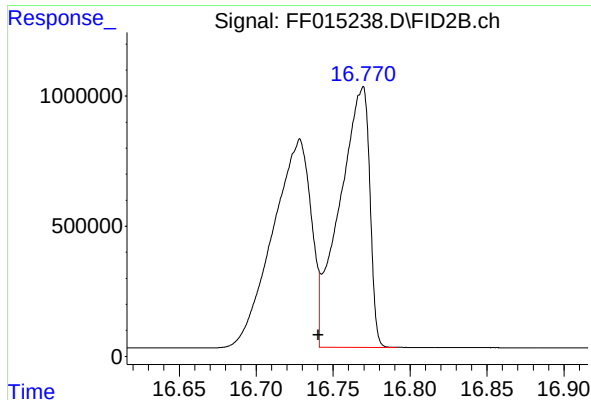
#15 Chrysene (C27.41)

R.T.: 15.216 min
Delta R.T.: 0.023 min
Response: 14584566
Conc: 92.52 ug/ml



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

R.T.: 16.728 min
Delta R.T.: 0.019 min
Response: 14386286
Conc: 94.79 ug/ml



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

R.T.: 16.770 min
Delta R.T.: 0.029 min
Response: 13588027
Conc: 94.91 ug/ml

Instrument :

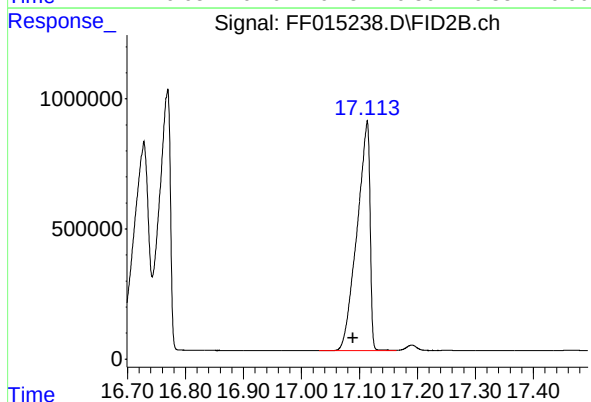
FID_F

ClientSampleId :

100 PPM AROMATIC HC STD1

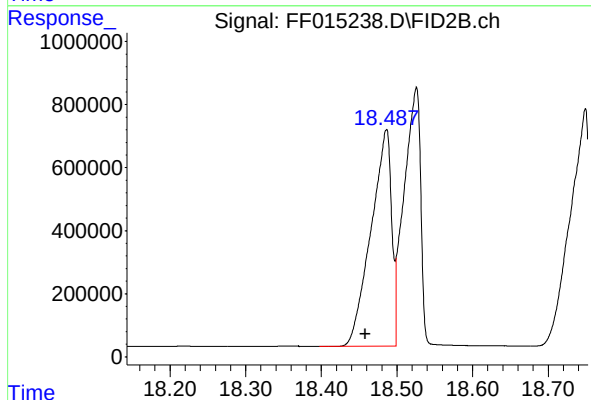
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Ankita Jodhani 01/15/2025



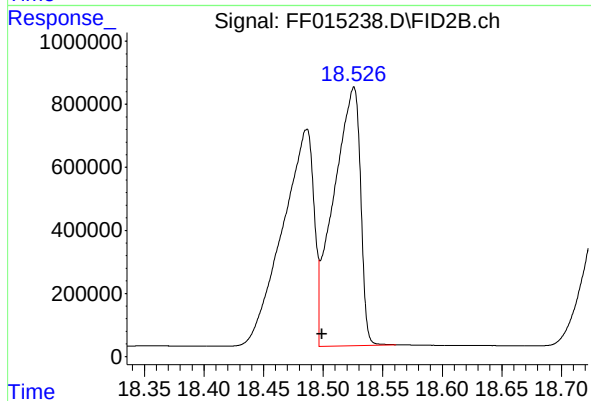
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.112 min
Delta R.T.: 0.023 min
Response: 13682965
Conc: 94.65 ug/ml



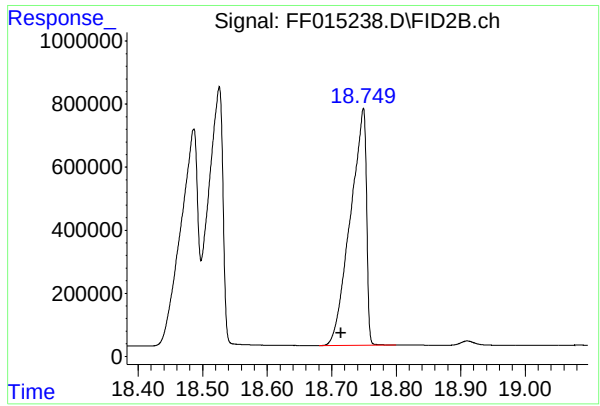
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.485 min
Delta R.T.: 0.027 min
Response: 13013123
Conc: 101.56 ug/ml



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

R.T.: 18.526 min
Delta R.T.: 0.027 min
Response: 12764611
Conc: 84.03 ug/ml m



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

R.T.: 18.748 min
Delta R.T.: 0.033 min
Response: 13062459
Conc: 94.97 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM AROMATIC HC STD1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/15/2025

Supervised By :Ankita Jodhani 01/15/2025

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

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Ankita Jodhani 01/15/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF01142
Data File : FF015238.D
Signal(s) : FID2B.ch
Acq On : 14 Jan 2025 18:45
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.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	4.607	4.535	4.670	BV	1507750	15267468	95.06%	5.053%
2	6.276	6.202	6.309	BV	1531123	15698152	97.74%	5.196%
3	7.371	7.322	7.482	BV	1517404	15952296	99.32%	5.280%
4	7.996	7.920	8.065	BV	1303829	13473334	83.89%	4.459%
5	8.672	8.517	8.764	BB	1480790	15815959	98.47%	5.235%
6	8.870	8.830	8.932	BV	853395	9124066	56.81%	3.020%
7	8.973	8.932	9.102	VB	1457328	16032251	99.82%	5.306%
8	9.761	9.667	9.882	BV	1362874	15744142	98.03%	5.211%
9	11.166	11.120	11.202	BV	1275092	15446040	96.17%	5.112%
10	11.242	11.202	11.300	PBA	1214210	14086098	87.70%	4.662%
11	11.933	11.864	12.000	BB	1389947	16061243	100.00%	5.316%
12	12.989	12.930	13.099	VV	1159133	15513262	96.59%	5.134%
13	13.288	13.240	13.310	BV	1153537	15324471	95.41%	5.072%
14	15.167	15.087	15.185	PV	926818	14342524	89.30%	4.747%
15	15.216	15.185	15.250	VBA	1110163	14584566	90.81%	4.827%
16	16.728	16.660	16.744	BV	791620	14386286	89.57%	4.761%
17	16.768	16.744	16.790	VBA	981736	13187826	82.11%	4.365%
18	17.112	17.030	17.163	BV	865108	13682965	85.19%	4.529%
19	18.485	18.397	18.499	BV	684892	12953890	80.65%	4.287%
20	18.525	18.499	18.560	VBA	818313	12402800	77.22%	4.105%
21	18.748	18.680	18.800	BBA	738989	13062459	81.33%	4.323%
Sum of corrected areas:						302142098		

Aromatic EPH 011425.M Wed Jan 15 05:51:55 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AR\
 Data File : FF015239.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 19:13
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jan 15 07:01:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 15 06:59:49 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...	7.991	6706329	49.106 ug/ml
Spiked Amount 50.000		Recovery =	98.21%
6) S 2-Fluorobiphenyl (SURR)	8.864	4458085	50.990 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.98%
11) S ortho-Terphenyl (SURR)	11.927	8219088	46.581 ug/ml
Spiked Amount 50.000		Recovery =	93.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.603	7827551	47.876 ug/ml
2) T Naphthalene (C11.7)	6.271	7941517	48.269 ug/ml
3) T 2-Methylnaphthalene (...)	7.366	7979495	48.700 ug/ml
5) T Acenaphthylene (C15.06)	8.665	7944180	48.389 ug/ml
7) T Acenaphthene (C15.5)	8.966	8084962	48.014 ug/ml
8) T Fluorene (C16.55)	9.754	7889867	48.625 ug/ml
9) T Phenanthrene (C19.36)	11.159	7798615	47.459 ug/ml
10) T Anthracene (C19.43)	11.234	7158533	47.119 ug/ml
12) T Fluoranthene (C21.85)	12.980	7908397	46.781 ug/ml
13) T Pyrene (C20.8)	13.279	7809787	46.806 ug/ml
14) T Benzo[a]anthracene (C...	15.158	7255394	47.438 ug/ml
15) T Chrysene (C27.41)	15.203	7417176	47.050 ug/ml
16) T benzo[b]fluoranthene ...	16.716	7212940	47.525 ug/ml
17) T Bnezo[k]fluoranthene ...	16.752	6761403	47.229 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.097	6941461	48.017 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.469	6290650	49.096 ug/ml
20) T Dibenz[a,h]anthracene...	18.508	6651715	43.787 ug/ml
21) T Benzo[g,h,i]perylene ...	18.728	6586140	47.883 ug/ml

(f)=RT Delta > 1/2 Window

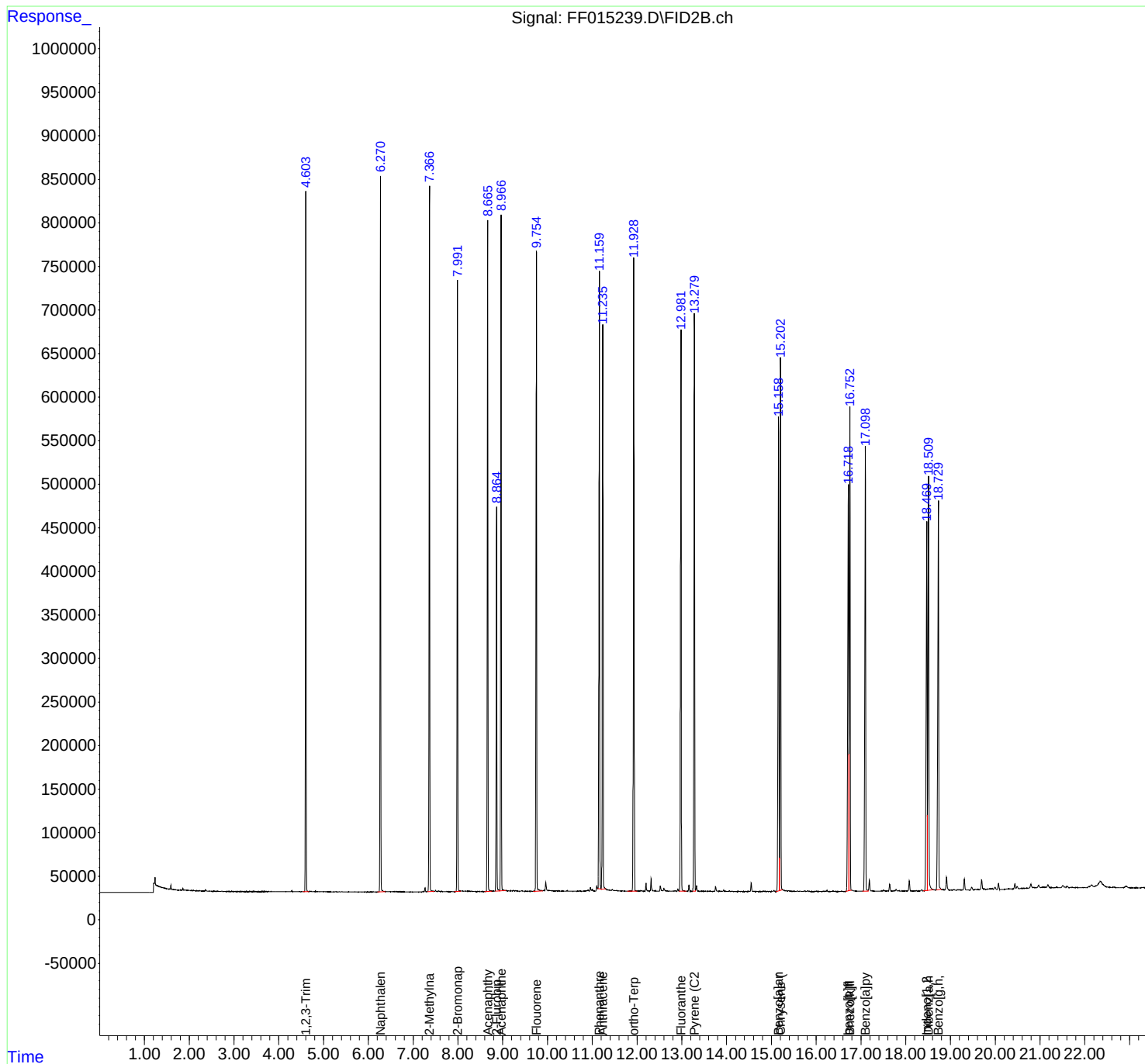
(m)=manual int.

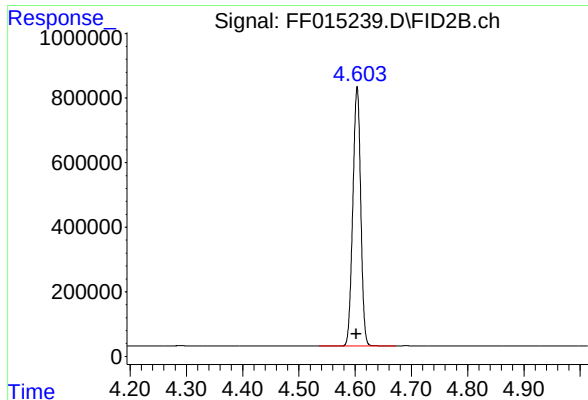
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AR\
Data File : FF015239.D
Signal(s) : FID2B.ch
Acq On : 14 Jan 2025 19:13
Operator : YP\AJ
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2

Integration File: autoint1.e
Quant Time: Jan 15 07:01:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Wed Jan 15 06:59:49 2025
Response via : Initial Calibration
Integrator: ChemStation

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

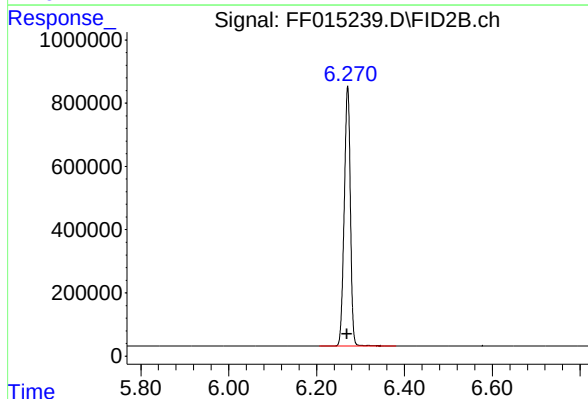




#1 1,2,3-Trimethylbenzene (C10.1)

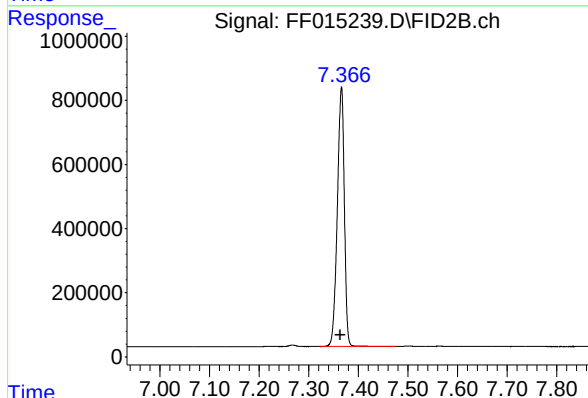
R.T.: 4.603 min
Delta R.T.: 0.001 min
Response: 7827551
Conc: 47.88 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



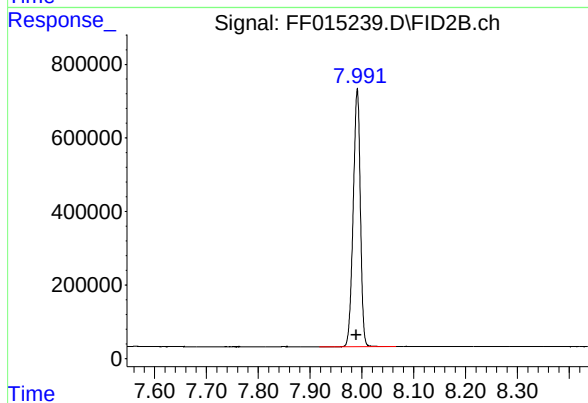
#2 Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: 0.002 min
Response: 7941517
Conc: 48.27 ug/ml



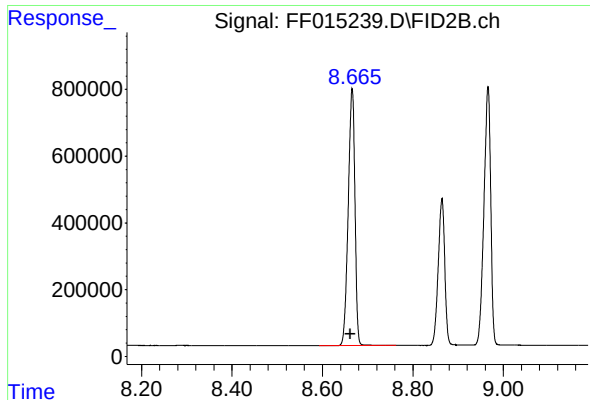
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.366 min
Delta R.T.: 0.003 min
Response: 7979495
Conc: 48.70 ug/ml



#4 2-Bromonaphthalene (SURR)

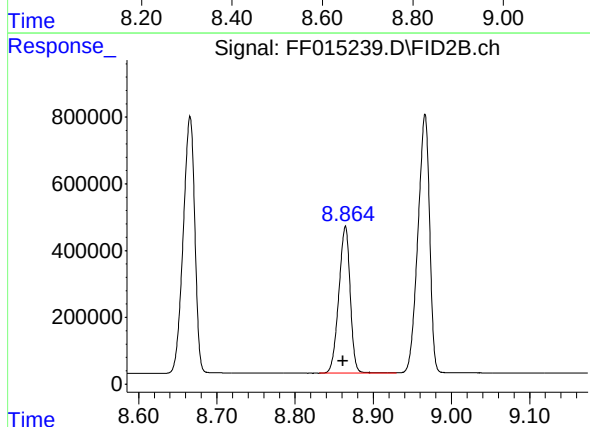
R.T.: 7.991 min
Delta R.T.: 0.002 min
Response: 6706329
Conc: 49.11 ug/ml



#5 Acenaphthylene (C15.06)

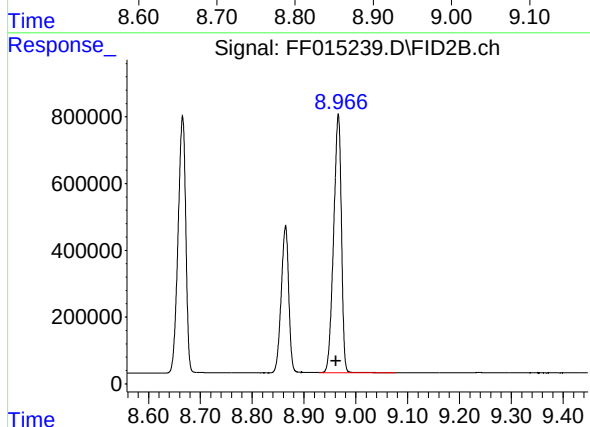
R.T.: 8.665 min
Delta R.T.: 0.003 min
Response: 7944180
Conc: 48.39 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



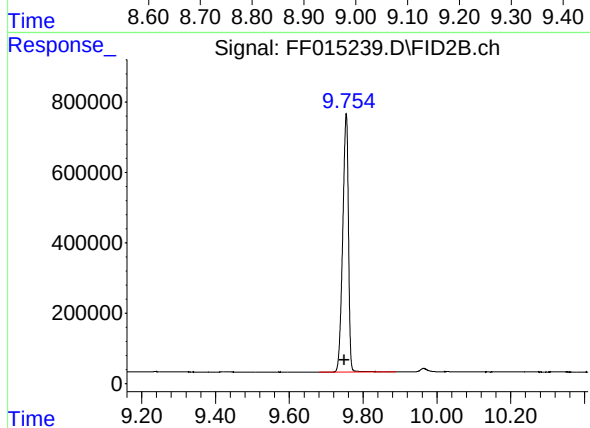
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.864 min
Delta R.T.: 0.003 min
Response: 4458085
Conc: 50.99 ug/ml



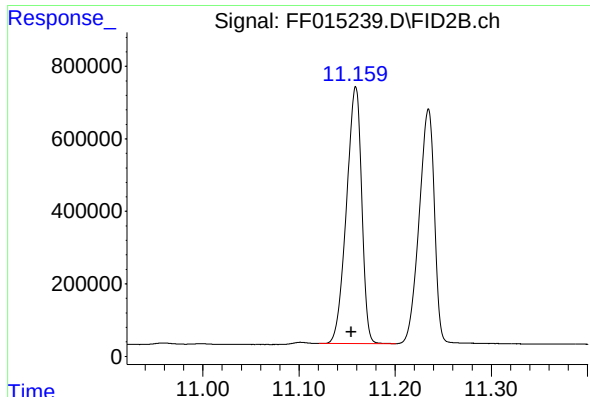
#7 Acenaphthene (C15.5)

R.T.: 8.966 min
Delta R.T.: 0.004 min
Response: 8084962
Conc: 48.01 ug/ml



#8 Flouorene (C16.55)

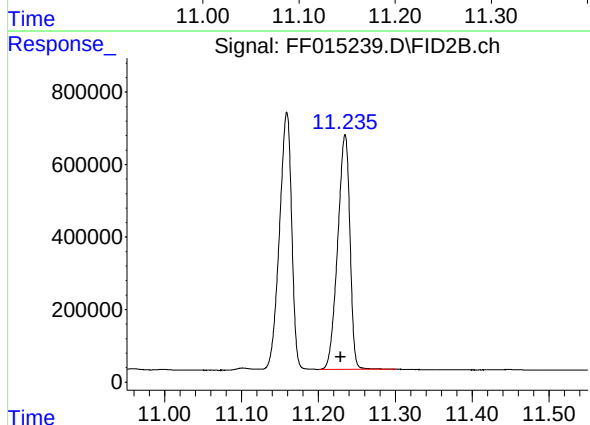
R.T.: 9.754 min
Delta R.T.: 0.005 min
Response: 7889867
Conc: 48.62 ug/ml



#9 Phenanthrene (C19.36)

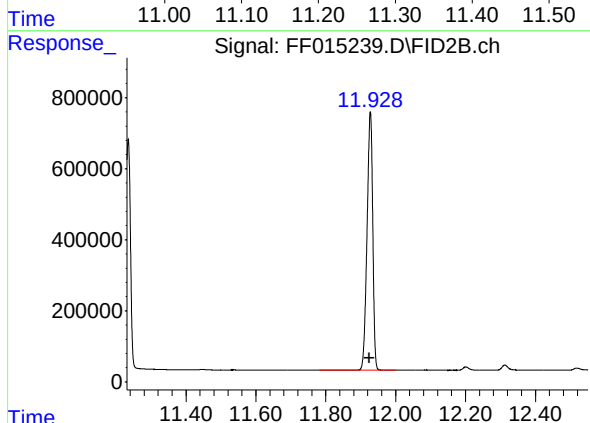
R.T.: 11.159 min
Delta R.T.: 0.004 min
Response: 7798615
Conc: 47.46 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



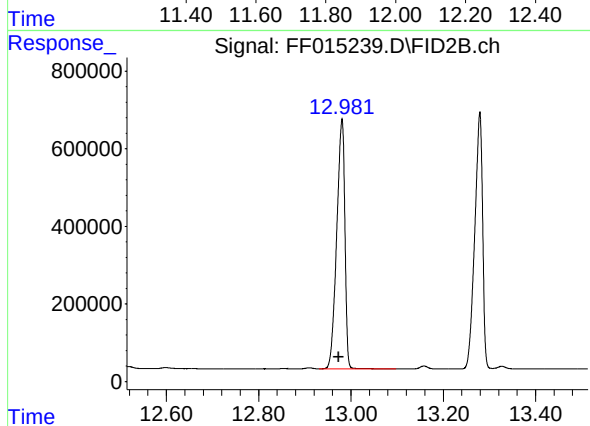
#10 Anthracene (C19.43)

R.T.: 11.234 min
Delta R.T.: 0.005 min
Response: 7158533
Conc: 47.12 ug/ml



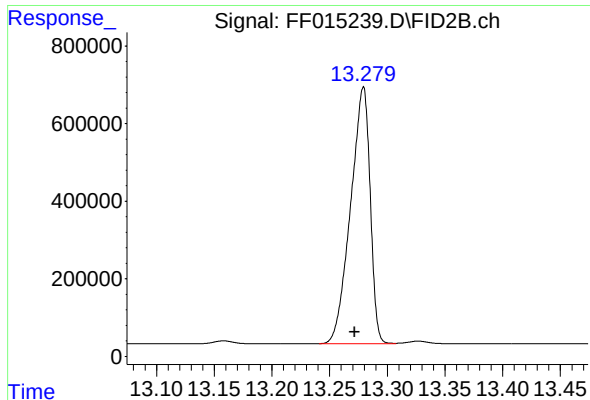
#11 ortho-Terphenyl (SURRE)

R.T.: 11.927 min
Delta R.T.: 0.003 min
Response: 8219088
Conc: 46.58 ug/ml



#12 Fluoranthene (C21.85)

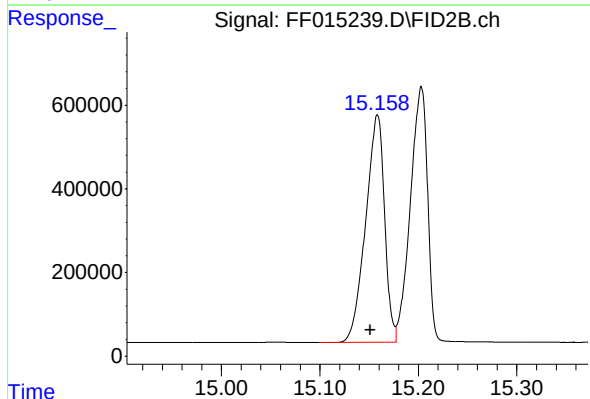
R.T.: 12.980 min
Delta R.T.: 0.007 min
Response: 7908397
Conc: 46.78 ug/ml



#13 Pyrene (C20.8)

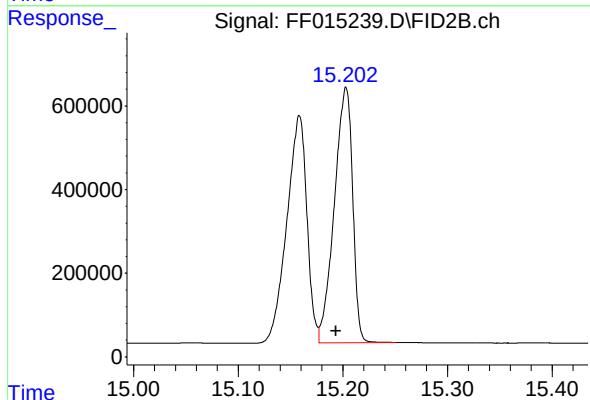
R.T.: 13.279 min
Delta R.T.: 0.007 min
Response: 7809787
Conc: 46.81 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



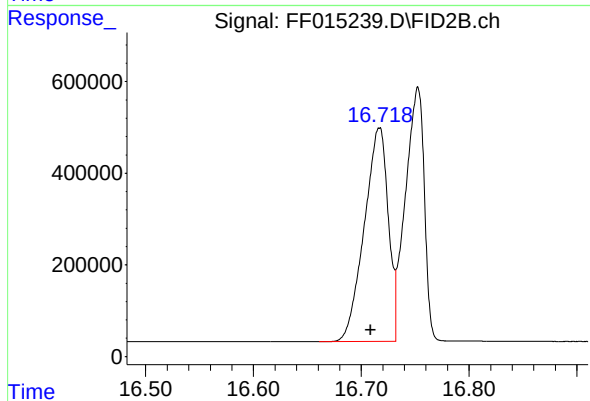
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.158 min
Delta R.T.: 0.007 min
Response: 7255394
Conc: 47.44 ug/ml



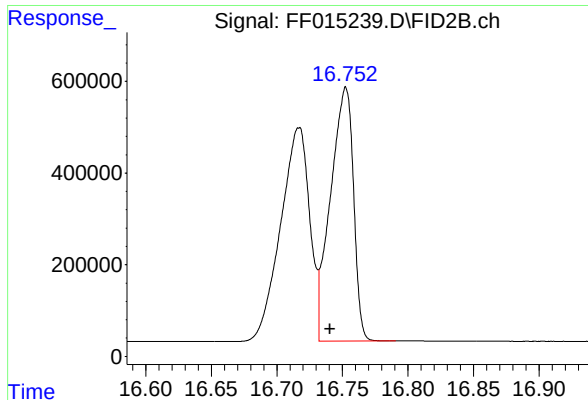
#15 Chrysene (C27.41)

R.T.: 15.203 min
Delta R.T.: 0.009 min
Response: 7417176
Conc: 47.05 ug/ml



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

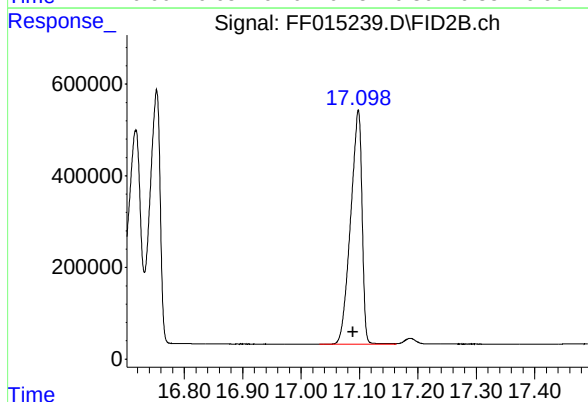
R.T.: 16.716 min
Delta R.T.: 0.008 min
Response: 7212940
Conc: 47.53 ug/ml



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

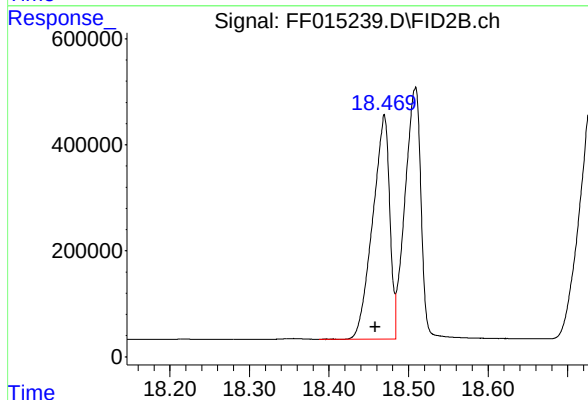
R.T.: 16.752 min
Delta R.T.: 0.011 min
Response: 6761403
Conc: 47.23 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



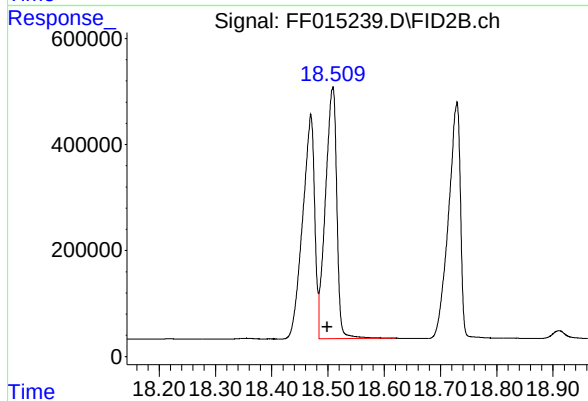
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.097 min
Delta R.T.: 0.008 min
Response: 6941461
Conc: 48.02 ug/ml



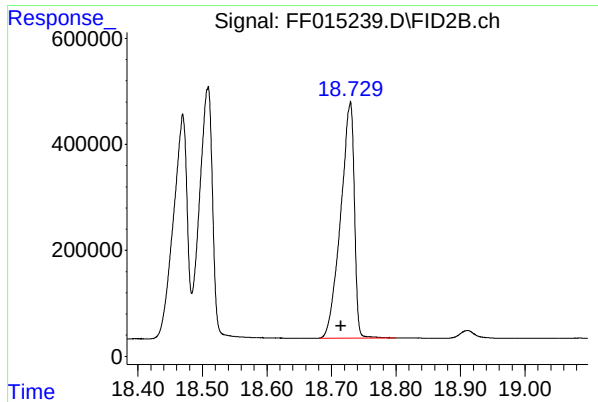
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.469 min
Delta R.T.: 0.011 min
Response: 6290650
Conc: 49.10 ug/ml



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

R.T.: 18.508 min
Delta R.T.: 0.009 min
Response: 6651715
Conc: 43.79 ug/ml



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

R.T.: 18.728 min
Delta R.T.: 0.014 min
Response: 6586140
Conc: 47.88 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AR\
Data File : FF015239.D
Signal(s) : FID2B.ch
Acq On : 14 Jan 2025 19:13
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 72 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.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	4.603	4.536	4.672	BV	806276	7827551	95.24%	5.126%
2	6.271	6.206	6.381	BB	822773	7941517	96.62%	5.201%
3	7.366	7.321	7.476	BB	811179	7979495	97.08%	5.226%
4	7.991	7.917	8.066	BB	700156	6706329	81.59%	4.392%
5	8.665	8.592	8.762	BB	771795	7944180	96.66%	5.203%
6	8.864	8.831	8.929	BV	440156	4458085	54.24%	2.920%
7	8.966	8.929	9.077	VB	776251	8084962	98.37%	5.295%
8	9.754	9.681	9.889	BV	736641	7889867	95.99%	5.167%
9	11.159	11.121	11.201	BV	710926	7798615	94.88%	5.108%
10	11.234	11.201	11.301	PBA	646029	7158533	87.10%	4.688%
11	11.927	11.781	12.001	BV	729683	8219088	100.00%	5.383%
12	12.980	12.931	13.097	VB	647513	7908397	96.22%	5.179%
13	13.279	13.241	13.307	BV	663229	7809787	95.02%	5.115%
14	15.158	15.099	15.177	BV	544644	7255394	88.27%	4.752%
15	15.203	15.177	15.251	VBA	611311	7417176	90.24%	4.858%
16	16.716	16.661	16.732	BV	466128	7212940	87.76%	4.724%
17	16.752	16.732	16.791	VBA	556688	6761403	82.26%	4.428%
18	17.097	17.031	17.162	BV	511221	6941461	84.46%	4.546%
19	18.469	18.387	18.484	PV	423131	6252458	76.07%	4.095%
20	18.508	18.484	18.561	VBA	470967	6535971	79.52%	4.281%
21	18.728	18.681	18.800	BBA	444428	6586140	80.13%	4.313%
Sum of corrected areas:						152689350		

Aromatic EPH 011425.M Wed Jan 15 05:53:51 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AR\
 Data File : FF015240.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 19:42
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Jan 15 07:00:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 15 06:59:49 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...	7.989	2731387	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.862	1748615	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.924	3528908	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.602	3269952	20.000 ug/ml
2) T Naphthalene (C11.7)	6.269	3290517	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.363	3276967	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.662	3283469	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.962	3367723	20.000 ug/ml
8) T Fluorene (C16.55)	9.749	3245190	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.154	3286441	20.000 ug/ml
10) T Anthracene (C19.43)	11.229	3038486	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.973	3381047	20.000 ug/ml
13) T Pyrene (C20.8)	13.272	3337101	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.151	3058875	20.000 ug/ml
15) T Chrysene (C27.41)	15.194	3152882	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.709	3035406	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.740	2863212	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.089	2891270	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.458	2562567	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.499	3038214	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.714	2750930	20.000 ug/ml

(f)=RT Delta > 1/2 Window

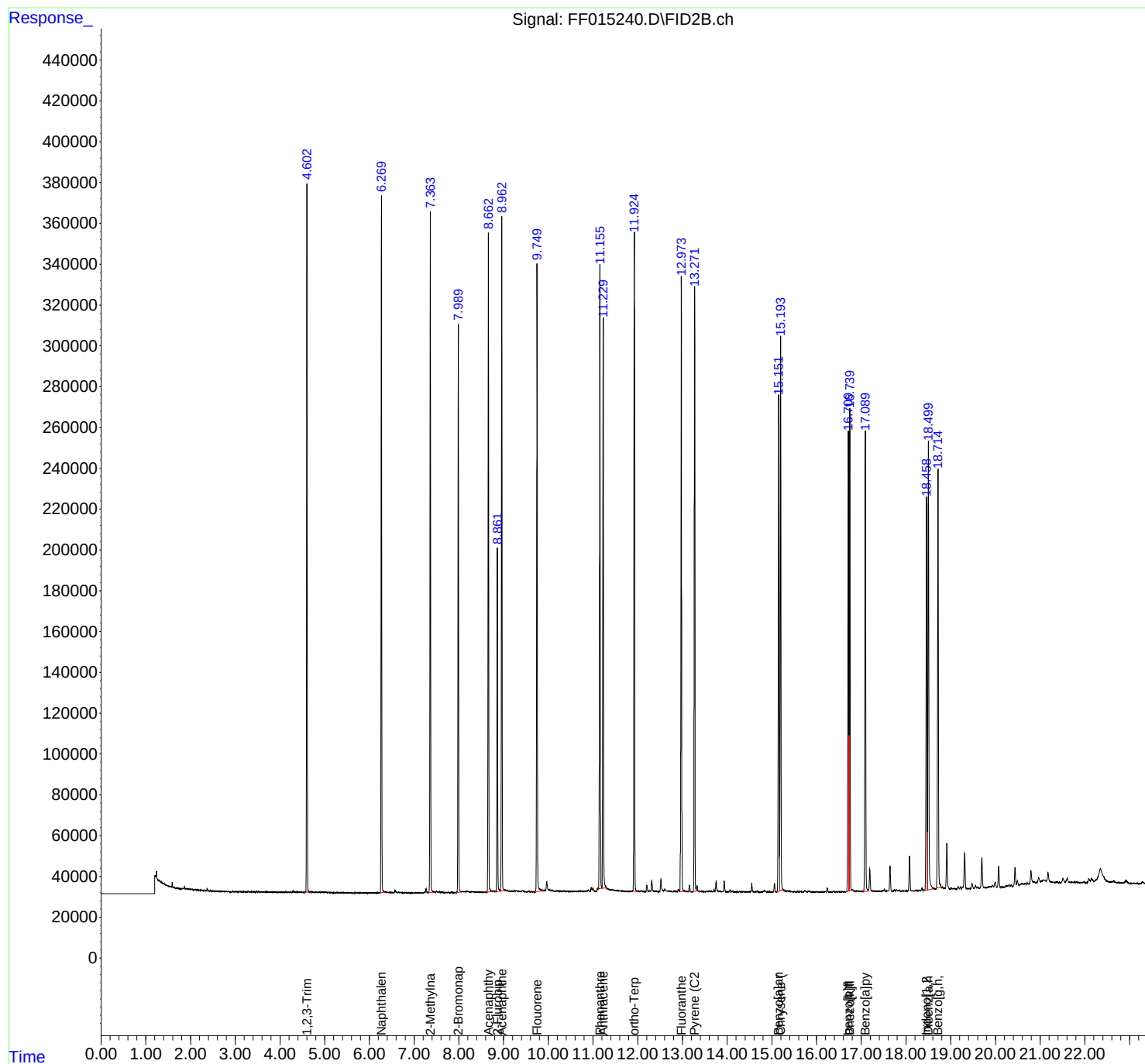
(m)=manual int.

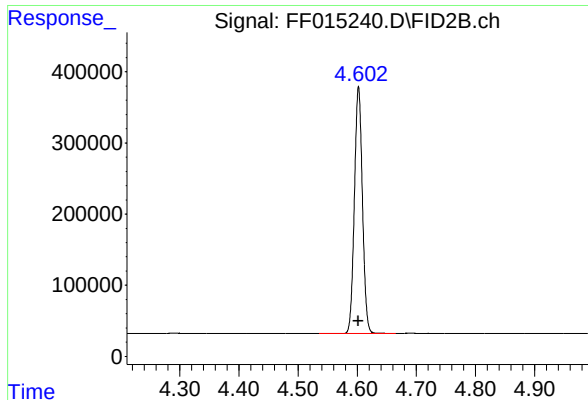
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AR\
Data File : FF015240.D
Signal(s) : FID2B.ch
Acq On : 14 Jan 2025 19:42
Operator : YP\AJ
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3

Integration File: autoint1.e
Quant Time: Jan 15 07:00:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Wed Jan 15 06:59:49 2025
Response via : Initial Calibration
Integrator: ChemStation

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

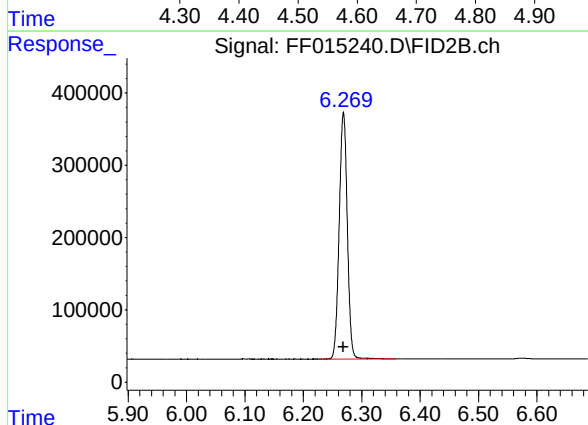




#1 1,2,3-Trimethylbenzene (C10.1)

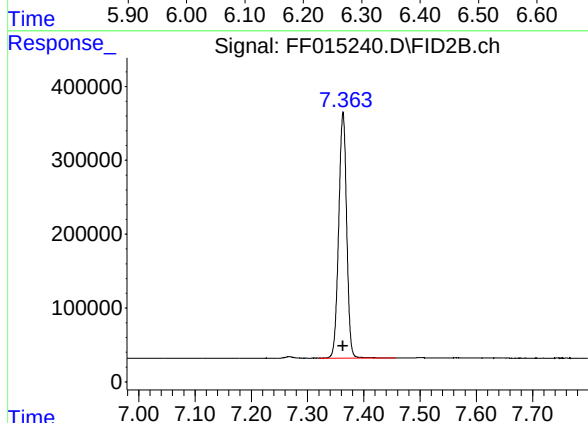
R.T.: 4.602 min
Delta R.T.: 0.000 min
Response: 3269952
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



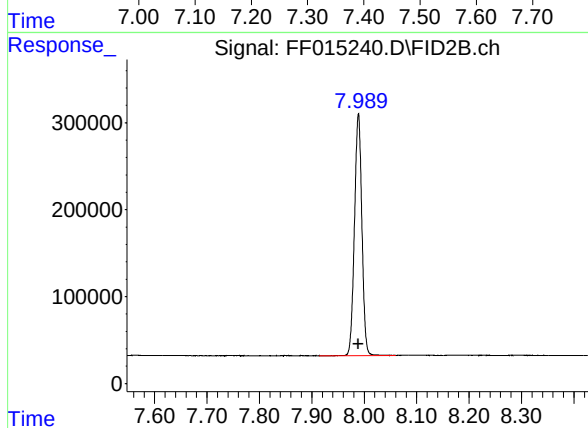
#2 Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 3290517
Conc: 20.00 ug/ml



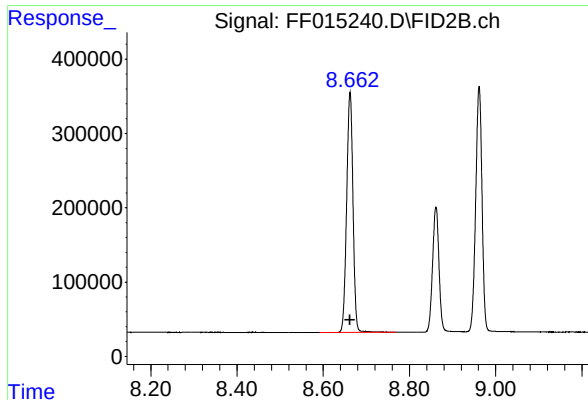
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.363 min
Delta R.T.: 0.000 min
Response: 3276967
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

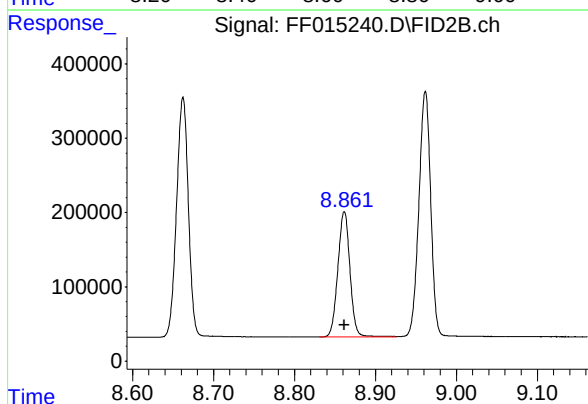
R.T.: 7.989 min
Delta R.T.: 0.000 min
Response: 2731387
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

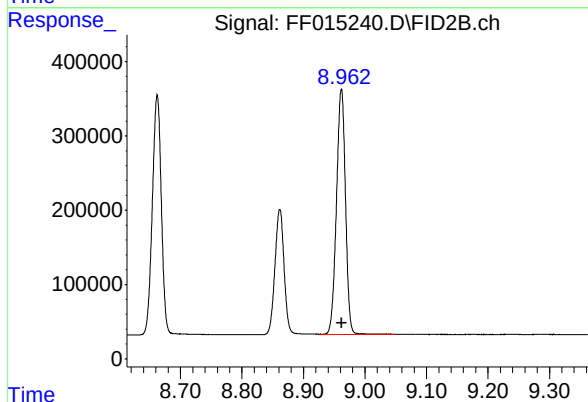
R.T.: 8.662 min
Delta R.T.: 0.000 min
Response: 3283469
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



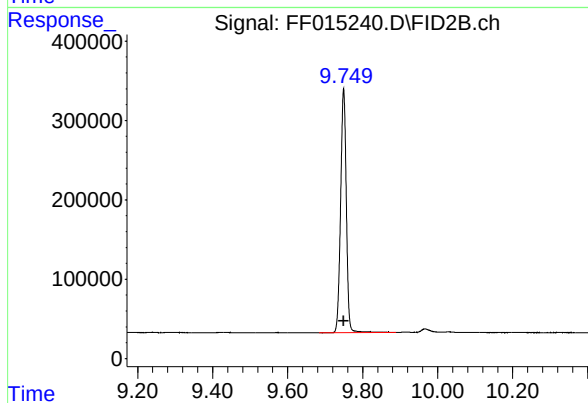
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.862 min
Delta R.T.: 0.000 min
Response: 1748615
Conc: 20.00 ug/ml



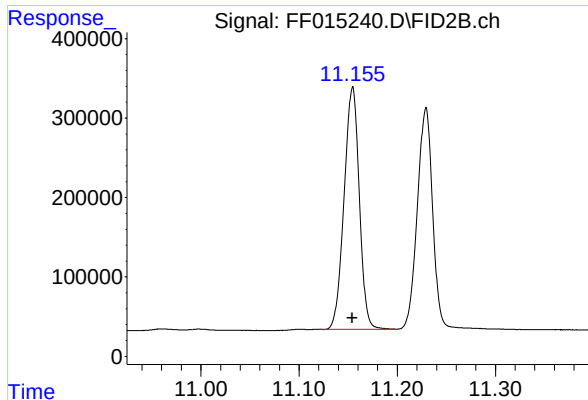
#7 Acenaphthene (C15.5)

R.T.: 8.962 min
Delta R.T.: 0.000 min
Response: 3367723
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

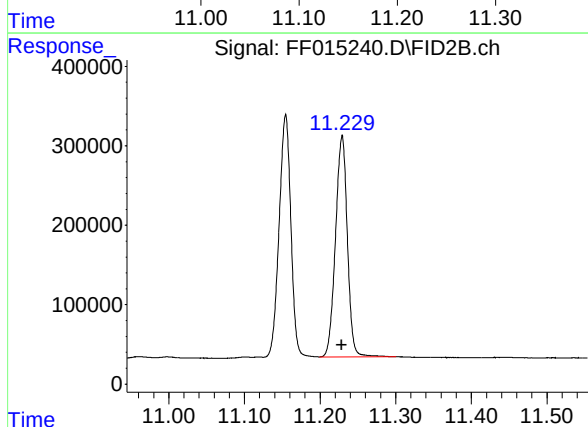
R.T.: 9.749 min
Delta R.T.: 0.000 min
Response: 3245190
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

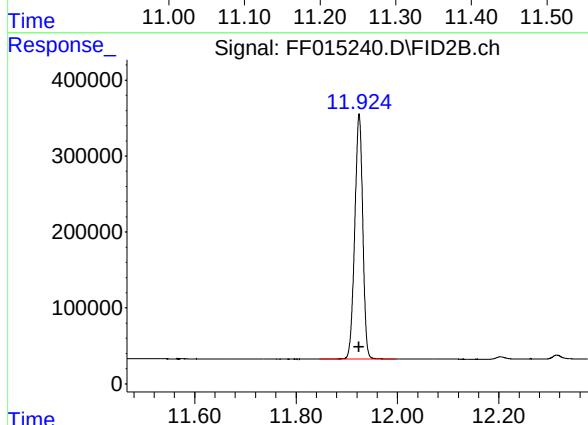
R.T.: 11.154 min
Delta R.T.: 0.000 min
Response: 3286441
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



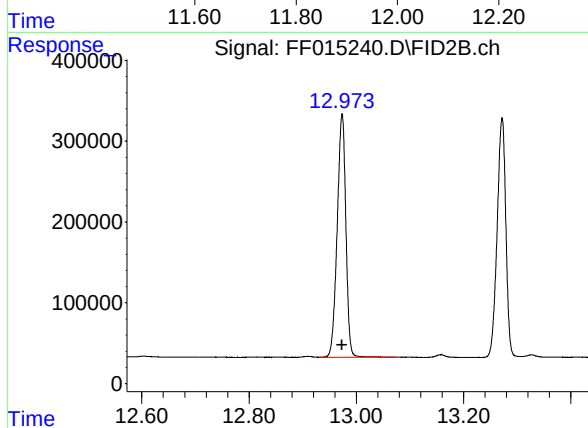
#10 Anthracene (C19.43)

R.T.: 11.229 min
Delta R.T.: 0.000 min
Response: 3038486
Conc: 20.00 ug/ml



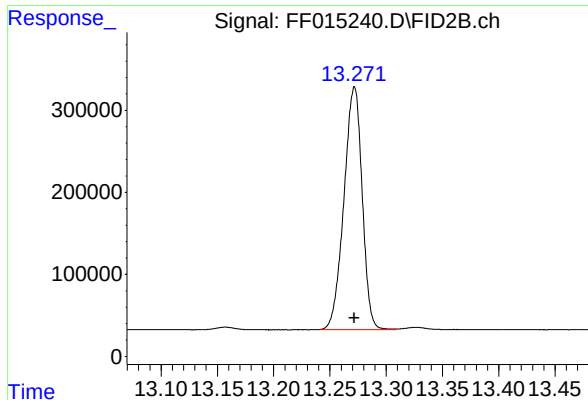
#11 ortho-Terphenyl (SURR)

R.T.: 11.924 min
Delta R.T.: 0.000 min
Response: 3528908
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

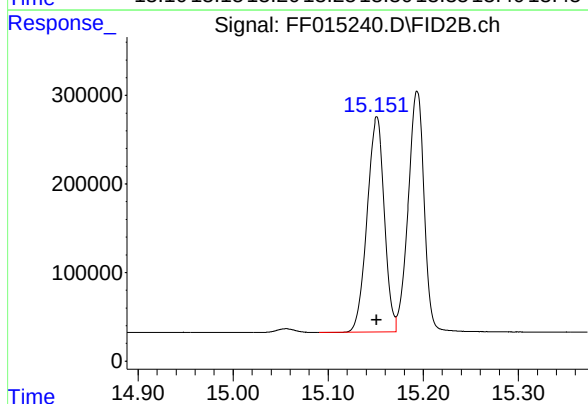
R.T.: 12.973 min
Delta R.T.: 0.000 min
Response: 3381047
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

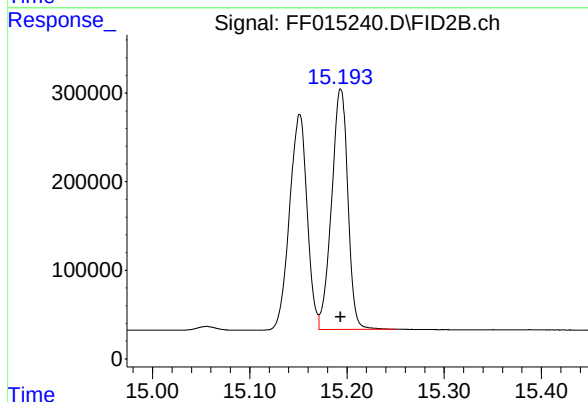
R.T.: 13.272 min
Delta R.T.: 0.000 min
Response: 3337101
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



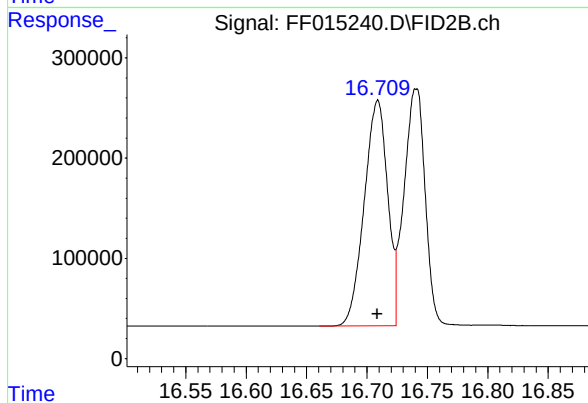
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.151 min
Delta R.T.: 0.000 min
Response: 3058875
Conc: 20.00 ug/ml



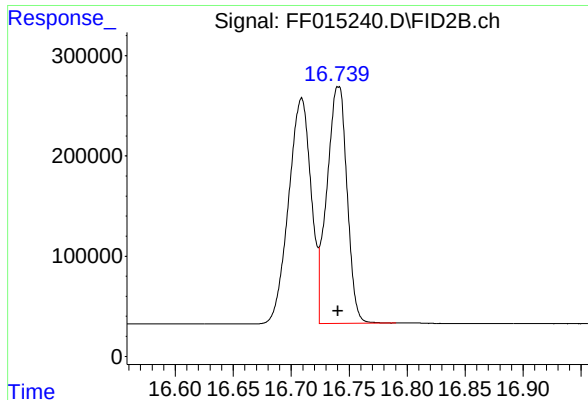
#15 Chrysene (C27.41)

R.T.: 15.194 min
Delta R.T.: 0.000 min
Response: 3152882
Conc: 20.00 ug/ml



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

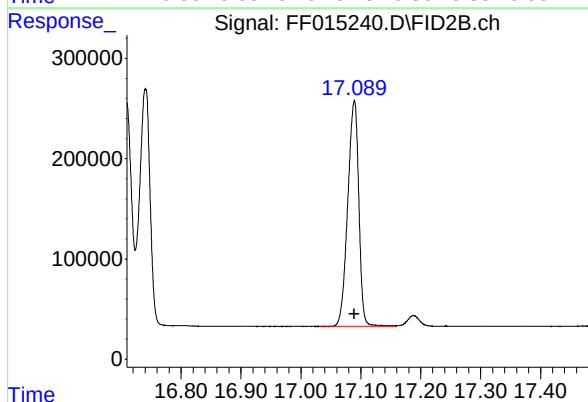
R.T.: 16.709 min
Delta R.T.: 0.000 min
Response: 3035406
Conc: 20.00 ug/ml



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

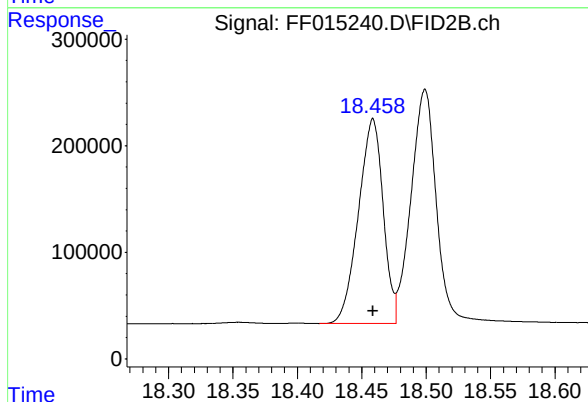
R.T.: 16.740 min
Delta R.T.: 0.000 min
Response: 2863212
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



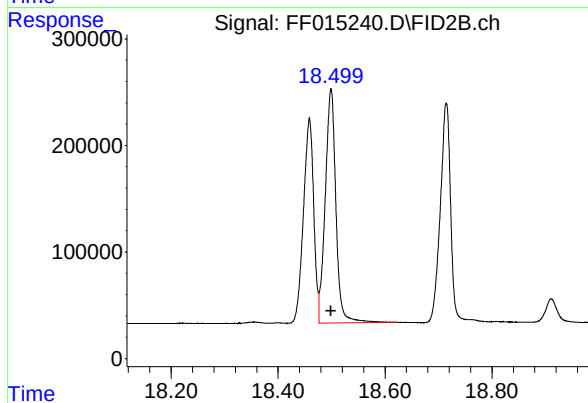
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.089 min
Delta R.T.: 0.000 min
Response: 2891270
Conc: 20.00 ug/ml



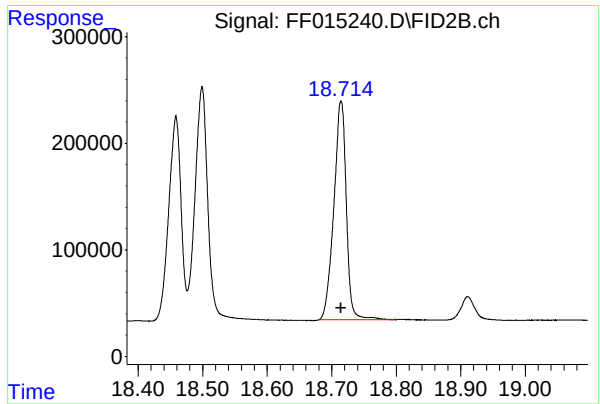
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.458 min
Delta R.T.: 0.000 min
Response: 2562567
Conc: 20.00 ug/ml



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

R.T.: 18.499 min
Delta R.T.: 0.000 min
Response: 3038214
Conc: 20.00 ug/ml



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

R.T.: 18.714 min
Delta R.T.: 0.000 min
Response: 2750930
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AR\
Data File : FF015240.D
Signal(s) : FID2B.ch
Acq On : 14 Jan 2025 19:42
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 73 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.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	4.602	4.535	4.665	BV	347025	3269952	92.66%	5.106%
2	6.269	6.227	6.359	BB	341297	3290517	93.24%	5.138%
3	7.363	7.320	7.457	BB	334602	3276967	92.86%	5.117%
4	7.989	7.914	8.060	BB	277910	2731387	77.40%	4.265%
5	8.662	8.590	8.769	BB	322996	3283469	93.04%	5.127%
6	8.862	8.830	8.925	BV	168871	1748615	49.55%	2.730%
7	8.962	8.925	9.050	VB	331223	3367723	95.43%	5.259%
8	9.749	9.684	9.889	BB	307180	3245190	91.96%	5.067%
9	11.154	11.120	11.199	BV	304166	3286441	93.13%	5.132%
10	11.229	11.199	11.300	VBA	278356	3038486	86.10%	4.745%
11	11.924	11.845	11.997	BV	322126	3528908	100.00%	5.510%
12	12.973	12.930	13.074	PB	302470	3381047	95.81%	5.279%
13	13.272	13.240	13.309	BV	296759	3337101	94.56%	5.211%
14	15.151	15.090	15.171	PV	243859	3058875	86.68%	4.776%
15	15.194	15.171	15.250	VBA	271916	3152882	89.34%	4.923%
16	16.709	16.660	16.724	BV	225248	3035406	86.02%	4.740%
17	16.740	16.724	16.790	VBA	236362	2863212	81.14%	4.471%
18	17.089	17.030	17.159	BV	225062	2891270	81.93%	4.515%
19	18.458	18.417	18.477	PV	192183	2549630	72.25%	3.981%
20	18.499	18.477	18.560	VBA	218440	2953549	83.70%	4.612%
21	18.714	18.680	18.800	BBA	205088	2750930	77.95%	4.296%
Sum of corrected areas:						64041559		

Aromatic EPH 011425.M Wed Jan 15 05:54:49 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AR\
 Data File : FF015241.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 20:10
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/15/2025
 Supervised By :Ankita Jodhani 01/15/2025

Integration File: autoint1.e
 Quant Time: Jan 15 07:01:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 15 06:59:49 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...	7.989	1325151	9.703 ug/ml
Spiked Amount 50.000		Recovery =	19.41%
6) S 2-Fluorobiphenyl (SURR)	8.861	812579	9.294 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	18.59%
11) S ortho-Terphenyl (SURR)	11.923	1807583	10.244 ug/ml
Spiked Amount 50.000		Recovery =	20.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.603	1642634	10.047 ug/ml
2) T Naphthalene (C11.7)	6.269	1634097	9.932 ug/ml
3) T 2-Methylnaphthalene (...)	7.363	1607329	9.810 ug/ml
5) T Acenaphthylene (C15.06)	8.662	1613284	9.827 ug/ml
7) T Acenaphthene (C15.5)	8.961	1661380	9.866 ug/ml
8) T Flouorene (C16.55)	9.749	1574177	9.702 ug/ml
9) T Phenanthrene (C19.36)	11.153	1645993	10.017 ug/ml
10) T Anthracene (C19.43)	11.228	1530830	10.076 ug/ml
12) T Fluoranthene (C21.85)	12.972	1740645	10.296 ug/ml
13) T Pyrene (C20.8)	13.270	1697234	10.172 ug/ml
14) T Benzo[a]anthracene (C...	15.149	1554594	10.164 ug/ml
15) T Chrysene (C27.41)	15.190	1627555	10.324 ug/ml
16) T benzo[b]fluoranthene ...	16.705	1530446	10.084 ug/ml
17) T Bnezo[k]fluoranthene ...	16.736	1467978	10.254 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.085	1467773	10.153 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.455	1261241	9.844 ug/ml
20) T Dibenz[a,h]anthracene...	18.496	1584865	10.433 ug/ml
21) T Benzo[g,h,i]perylene ...	18.709	1402706	10.198 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AR\
Data File : FF015241.D
Signal(s) : FID2B.ch
Acq On : 14 Jan 2025 20:10
Operator : YP\AJ
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 74 Sample Multiplier: 1

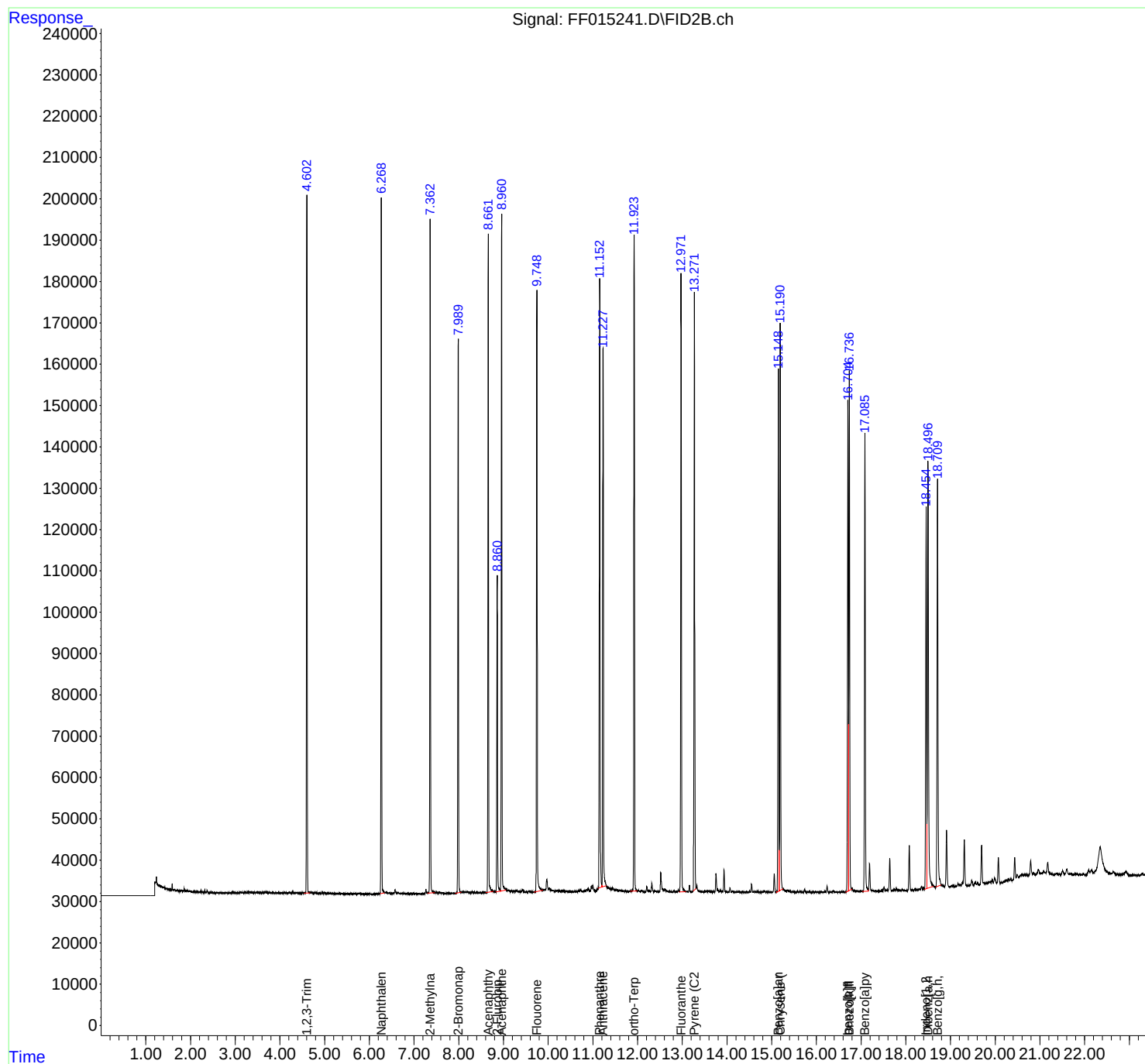
Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4

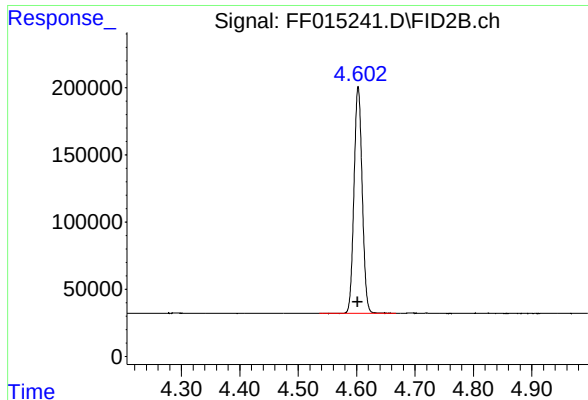
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Ankita Jodhani 01/15/2025

Integration File: autoint1.e
Quant Time: Jan 15 07:01:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Wed Jan 15 06:59:49 2025
Response via : Initial Calibration
Integrator: ChemStation

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





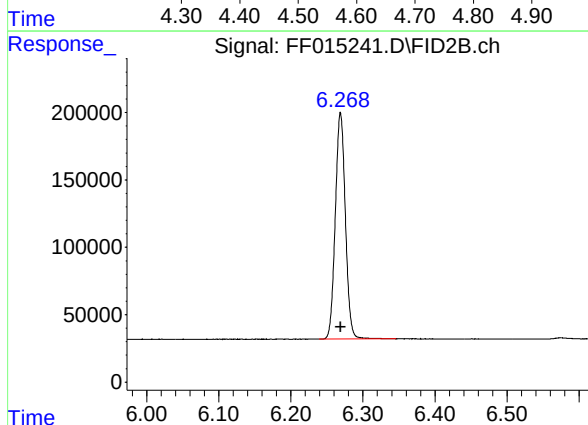
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.603 min
Delta R.T.: 0.000 min
Response: 1642634
Conc: 10.05 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4

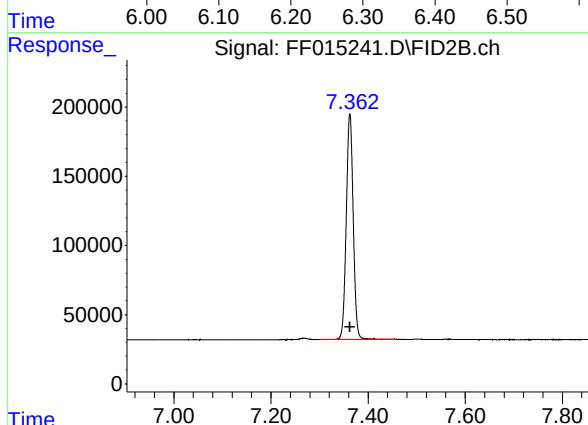
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Ankita Jodhani 01/15/2025



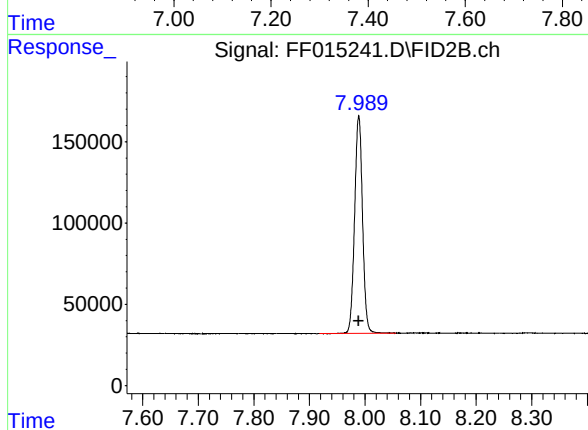
#2 Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 1634097
Conc: 9.93 ug/ml



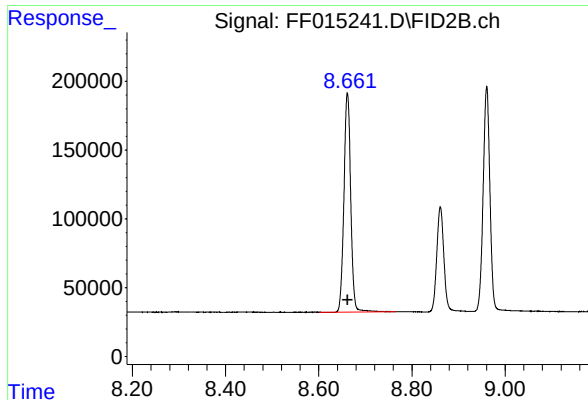
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.363 min
Delta R.T.: 0.000 min
Response: 1607329
Conc: 9.81 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.989 min
Delta R.T.: 0.000 min
Response: 1325151
Conc: 9.70 ug/ml



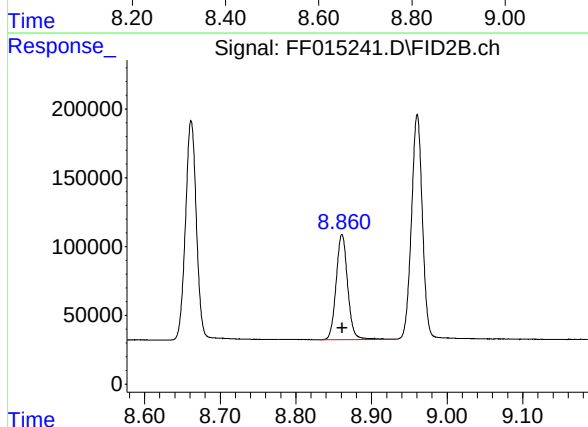
#5 Acenaphthylene (C15.06)

R.T.: 8.662 min
Delta R.T.: 0.000 min
Response: 1613284
Conc: 9.83 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4

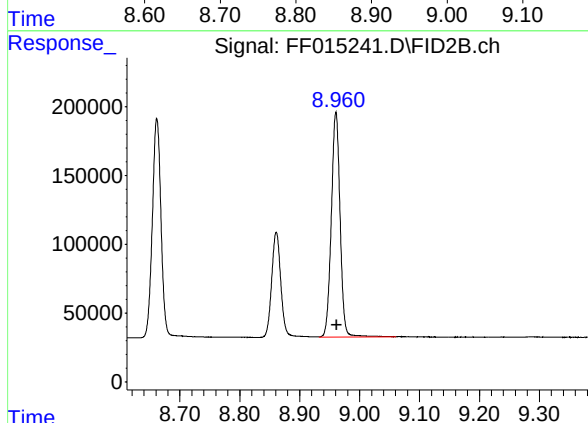
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Ankita Jodhani 01/15/2025



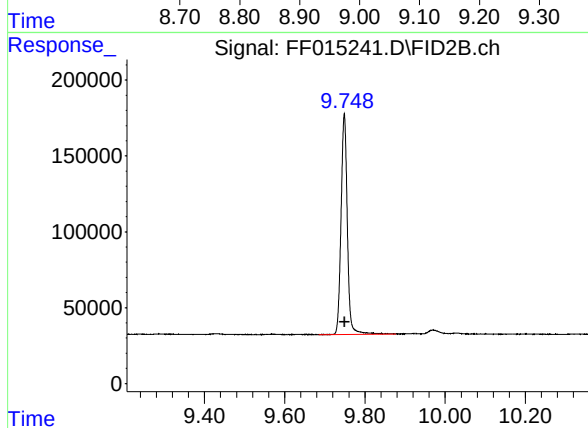
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.861 min
Delta R.T.: 0.000 min
Response: 812579
Conc: 9.29 ug/ml



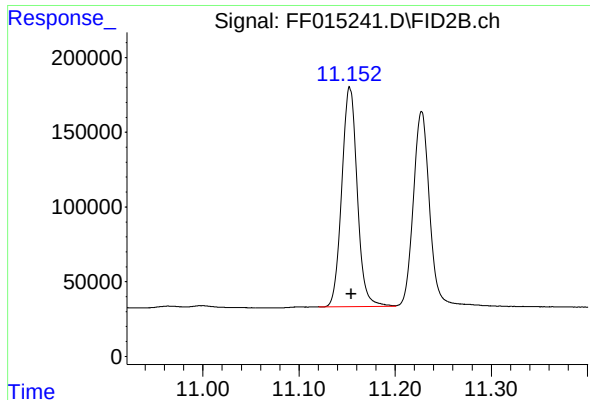
#7 Acenaphthene (C15.5)

R.T.: 8.961 min
Delta R.T.: -0.001 min
Response: 1661380
Conc: 9.87 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.749 min
Delta R.T.: 0.000 min
Response: 1574177
Conc: 9.70 ug/ml



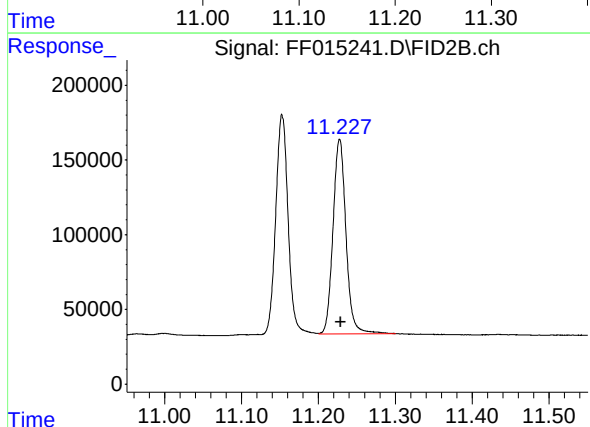
#9 Phenanthrene (C19.36)

R.T.: 11.153 min
Delta R.T.: -0.002 min
Response: 1645993
Conc: 10.02 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4

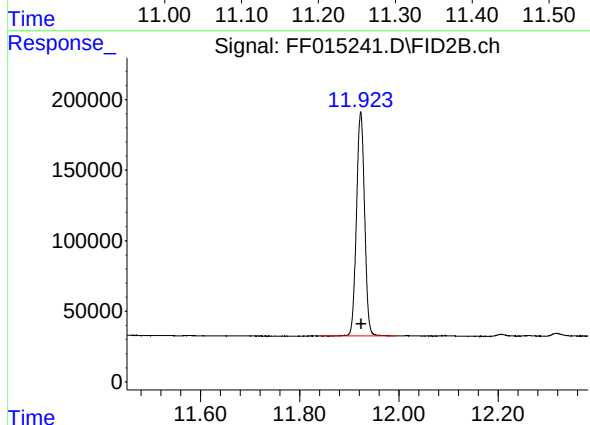
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Ankita Jodhani 01/15/2025



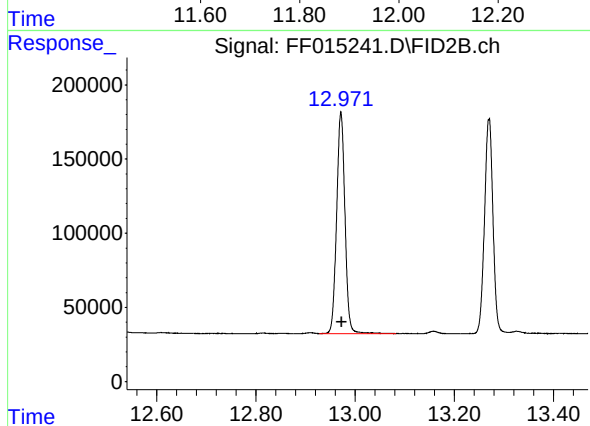
#10 Anthracene (C19.43)

R.T.: 11.228 min
Delta R.T.: -0.001 min
Response: 1530830
Conc: 10.08 ug/ml



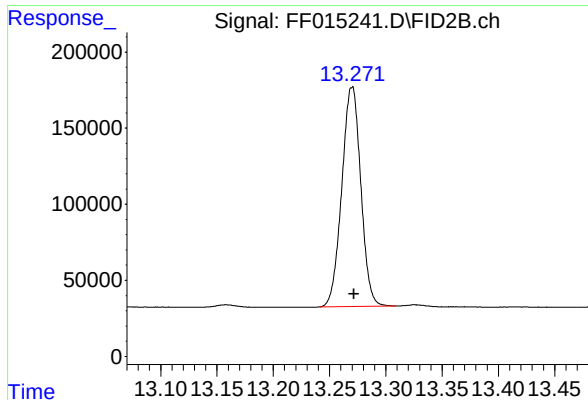
#11 ortho-Terphenyl (SURR)

R.T.: 11.923 min
Delta R.T.: -0.001 min
Response: 1807583
Conc: 10.24 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.972 min
Delta R.T.: -0.002 min
Response: 1740645
Conc: 10.30 ug/ml



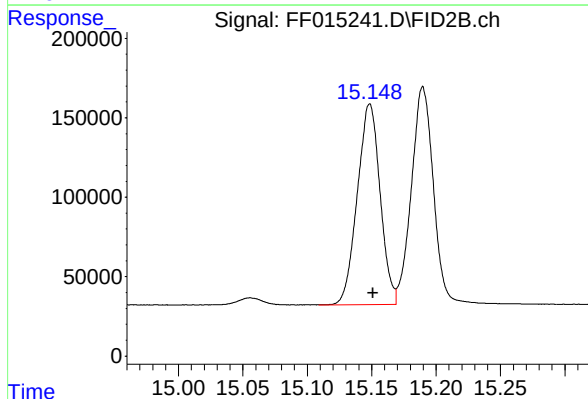
#13 Pyrene (C20.8)

R.T.: 13.270 min
Delta R.T.: -0.002 min
Response: 1697234
Conc: 10.17 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4

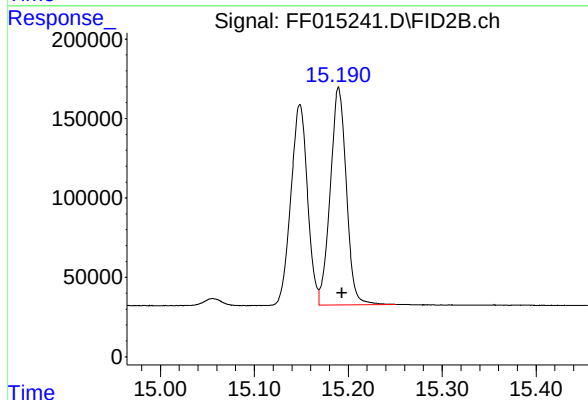
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Ankita Jodhani 01/15/2025



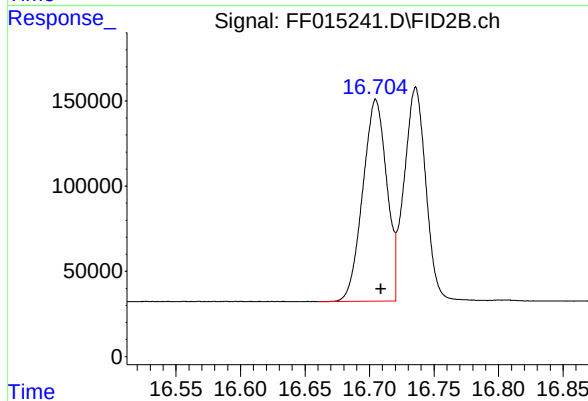
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.149 min
Delta R.T.: -0.003 min
Response: 1554594
Conc: 10.16 ug/ml



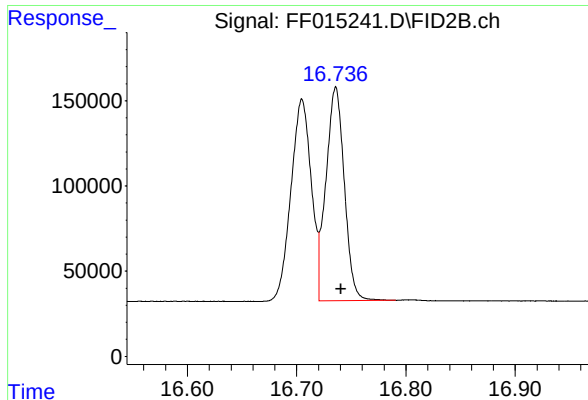
#15 Chrysene (C27.41)

R.T.: 15.190 min
Delta R.T.: -0.004 min
Response: 1627555
Conc: 10.32 ug/ml



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

R.T.: 16.705 min
Delta R.T.: -0.004 min
Response: 1530446
Conc: 10.08 ug/ml



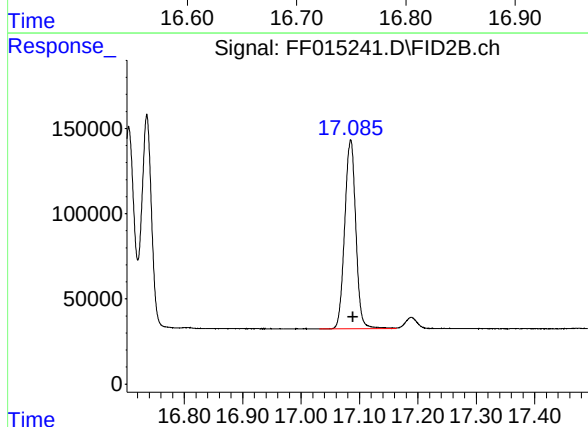
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.736 min
Delta R.T.: -0.005 min
Response: 1467978
Conc: 10.25 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4

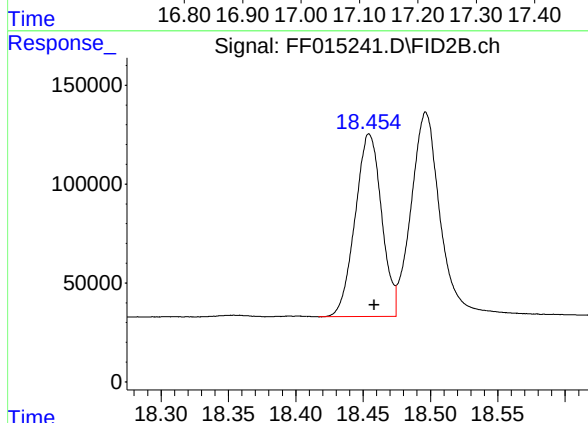
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Ankita Jodhani 01/15/2025



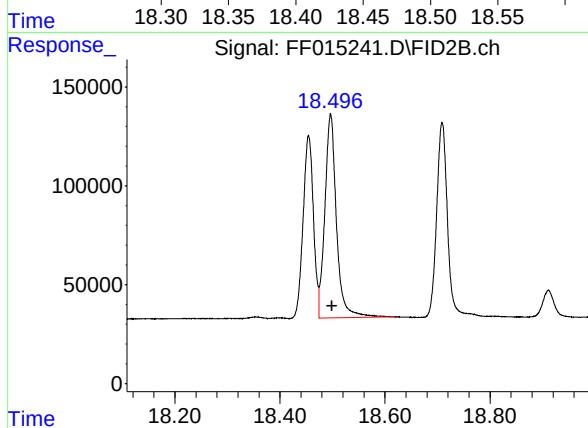
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.085 min
Delta R.T.: -0.004 min
Response: 1467773
Conc: 10.15 ug/ml



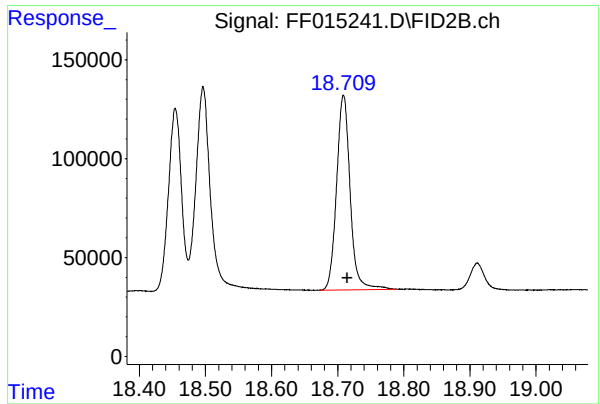
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.455 min
Delta R.T.: -0.004 min
Response: 1261241
Conc: 9.84 ug/ml



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

R.T.: 18.496 min
Delta R.T.: -0.002 min
Response: 1584865
Conc: 10.43 ug/ml



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

R.T.: 18.709 min
Delta R.T.: -0.006 min
Response: 1402706
Conc: 10.20 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Ankita Jodhani 01/15/2025

rteres

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

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF01142
Data File : FF015241.D
Signal(s) : FID2B.ch
Acq On : 14 Jan 2025 20:10
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 74 Sample Multiplier: 1

Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Ankita Jodhani 01/15/2025

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.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	4.603	4.536	4.667	BB	168754	1642634	90.87%	5.253%
2	6.269	6.239	6.346	BB	167940	1634097	90.40%	5.226%
3	7.363	7.299	7.457	BB	163039	1607329	88.92%	5.140%
4	7.989	7.917	8.056	BB	133978	1325151	73.31%	4.238%
5	8.662	8.601	8.766	BB	158907	1613284	89.25%	5.159%
6	8.961	8.932	9.061	VB	163755	1661380	91.91%	5.313%
7	9.749	9.686	9.877	BB	145550	1574177	87.09%	5.034%
8	11.153	11.121	11.201	BV	147161	1645993	91.06%	5.264%
9	11.228	11.201	11.301	VBA	130487	1530830	84.69%	4.895%
10	11.923	11.839	11.994	BV	158592	1807583	100.00%	5.781%
11	12.972	12.927	13.082	PB	149198	1740645	96.30%	5.566%
12	13.270	13.241	13.309	BV	145095	1697234	93.90%	5.428%
13	15.044	15.044	15.044	M	117	9	0.00%	0.000%
14	15.149	15.109	15.169	BV	126630	1554594	86.00%	4.971%
15	15.190	15.169	15.251	VBA	136630	1627555	90.04%	5.205%
16	16.705	16.661	16.720	BV	118442	1530446	84.67%	4.894%
17	16.736	16.720	16.791	VBA	125490	1467978	81.21%	4.694%
18	17.085	17.031	17.162	BV	110758	1467773	81.20%	4.694%
19	18.455	18.417	18.474	PV	92080	1252153	69.27%	4.004%
20	18.496	18.474	18.561	VBA	102480	1517310	83.94%	4.852%
21	18.709	18.681	18.800	BBA	97922	1372104	75.91%	4.388%
Sum of corrected areas:						31270260		

Aromatic EPH 011425.M Wed Jan 15 05:55:58 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AR\
 Data File : FF015242.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 20:39
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jan 15 07:01:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 15 06:59:49 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...	7.989	610289	4.469 ug/ml
Spiked Amount 50.000		Recovery =	8.94%
6) S 2-Fluorobiphenyl (SURR)	8.861	364751	4.172 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.34%
11) S ortho-Terphenyl (SURR)	11.921	892597	5.059 ug/ml
Spiked Amount 50.000		Recovery =	10.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.603	825147	5.047 ug/ml
2) T Naphthalene (C11.7)	6.269	789640	4.799 ug/ml
3) T 2-Methylnaphthalene (...)	7.362	756966	4.620 ug/ml
5) T Acenaphthylene (C15.06)	8.661	759771	4.628 ug/ml
7) T Acenaphthene (C15.5)	8.959	793818	4.714 ug/ml
8) T Fluorene (C16.55)	9.748	761825	4.695 ug/ml
9) T Phenanthrene (C19.36)	11.152	794849	4.837 ug/ml
10) T Anthracene (C19.43)	11.227	745852	4.909 ug/ml
12) T Fluoranthene (C21.85)	12.970	853770	5.050 ug/ml
13) T Pyrene (C20.8)	13.269	819344	4.911 ug/ml
14) T Benzo[a]anthracene (C...	15.147	744827	4.870 ug/ml
15) T Chrysene (C27.41)	15.188	810280	5.140 ug/ml
16) T benzo[b]fluoranthene ...	16.703	734955	4.843 ug/ml
17) T Bnezo[k]fluoranthene ...	16.733	729393	5.095 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.084	717031	4.960 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.454	599225	4.677 ug/ml
20) T Dibenz[a,h]anthracene...	18.497	843394	5.552 ug/ml
21) T Benzo[g,h,i]perylene ...	18.707	673965	4.900 ug/ml

(f)=RT Delta > 1/2 Window

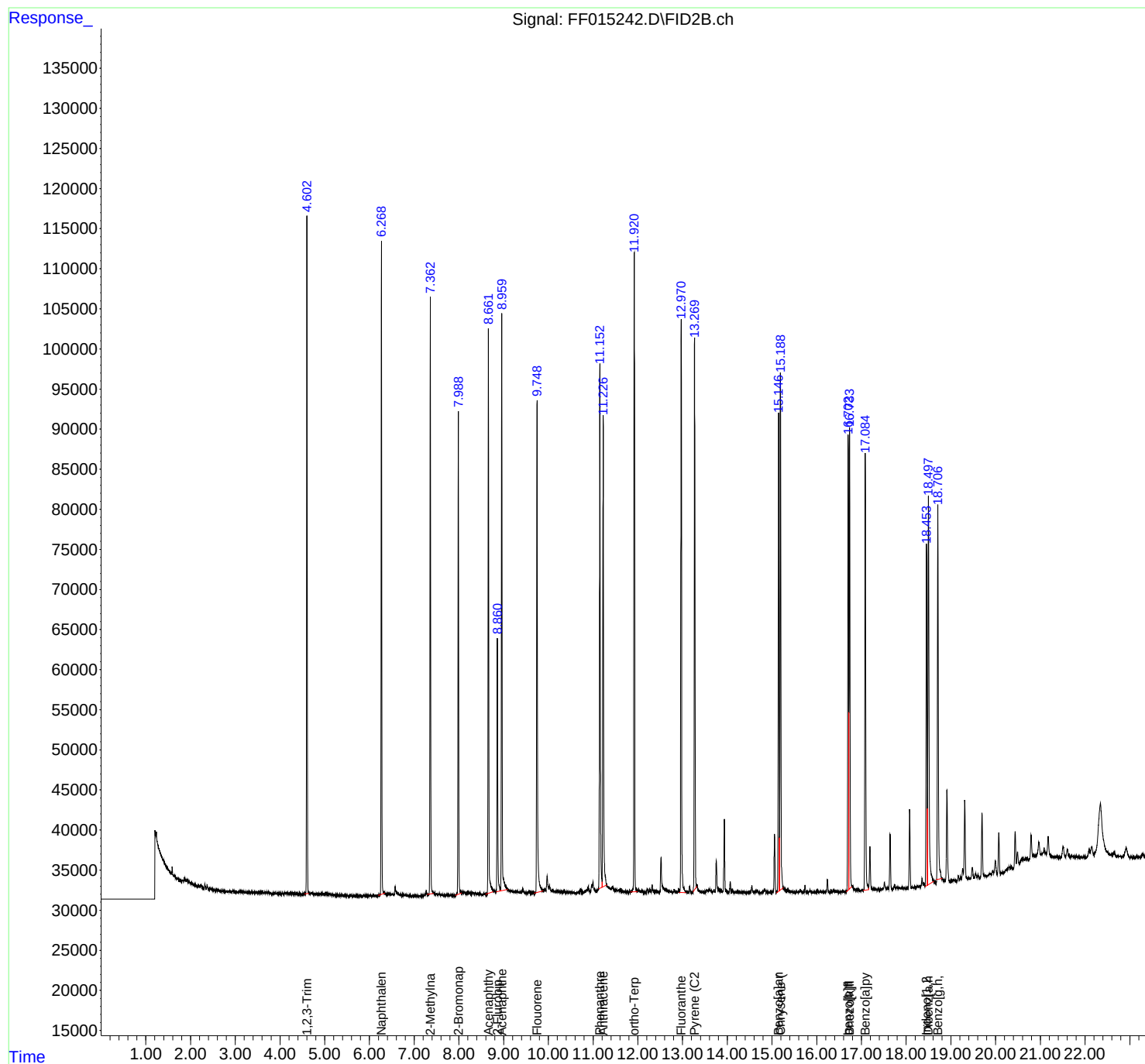
(m)=manual int.

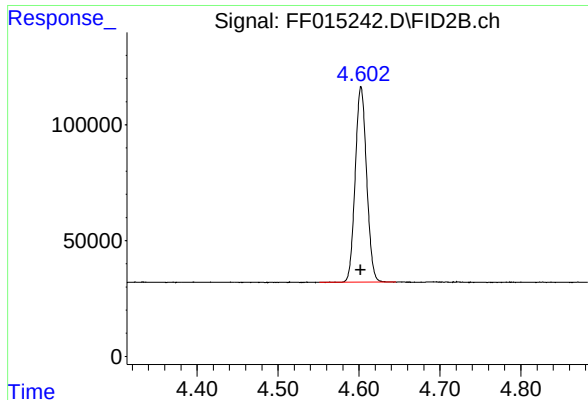
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AR\
Data File : FF015242.D
Signal(s) : FID2B.ch
Acq On : 14 Jan 2025 20:39
Operator : YP\AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

Integration File: autoint1.e
Quant Time: Jan 15 07:01:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Wed Jan 15 06:59:49 2025
Response via : Initial Calibration
Integrator: ChemStation

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

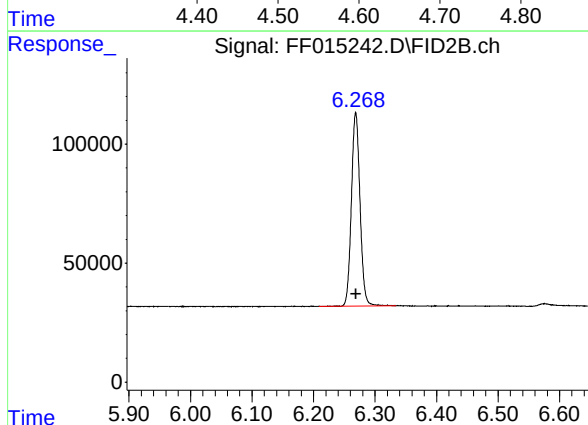




#1 1,2,3-Trimethylbenzene (C10.1)

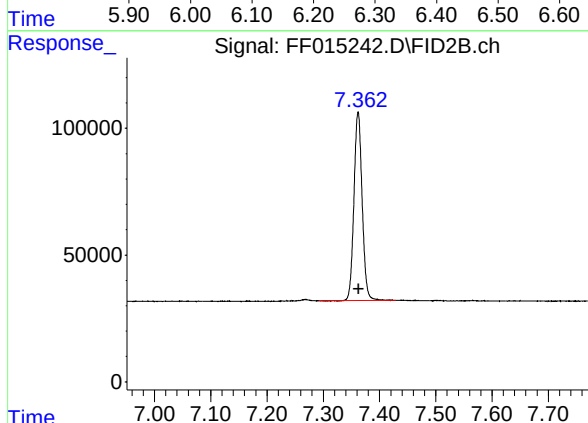
R.T.: 4.603 min
Delta R.T.: 0.000 min
Response: 825147
Conc: 5.05 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



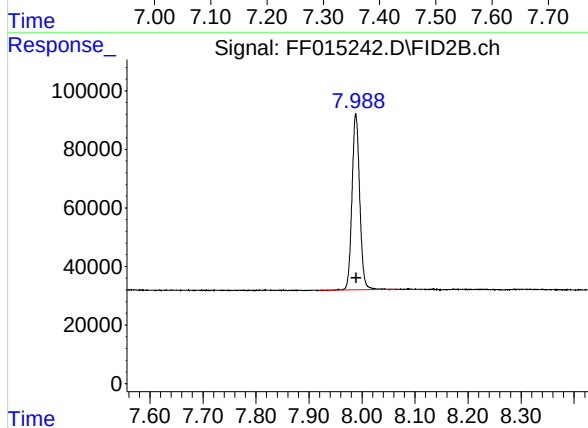
#2 Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 789640
Conc: 4.80 ug/ml



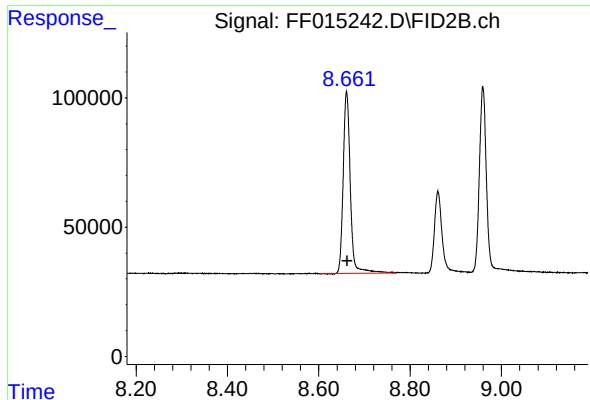
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.362 min
Delta R.T.: -0.001 min
Response: 756966
Conc: 4.62 ug/ml



#4 2-Bromonaphthalene (SURR)

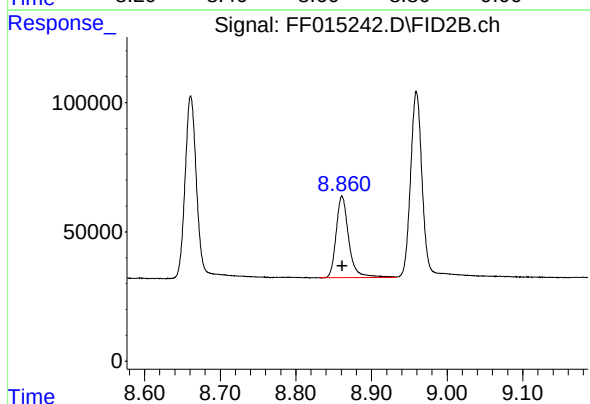
R.T.: 7.989 min
Delta R.T.: 0.000 min
Response: 610289
Conc: 4.47 ug/ml



#5 Acenaphthylene (C15.06)

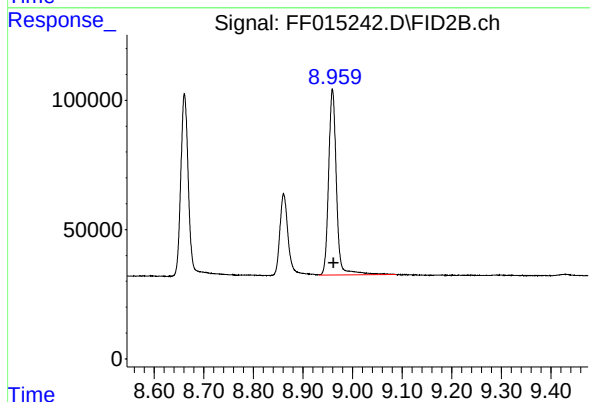
R.T.: 8.661 min
Delta R.T.: -0.001 min
Response: 759771
Conc: 4.63 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



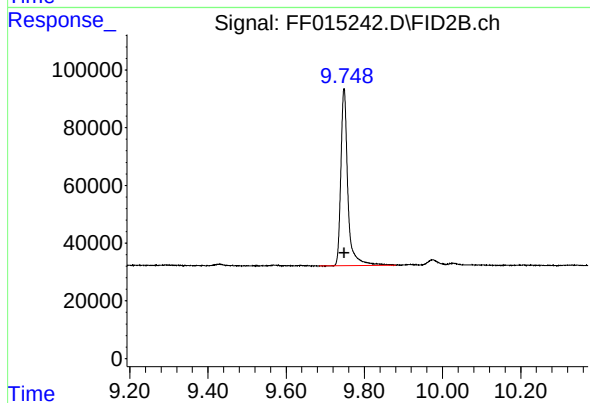
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.861 min
Delta R.T.: 0.000 min
Response: 364751
Conc: 4.17 ug/ml



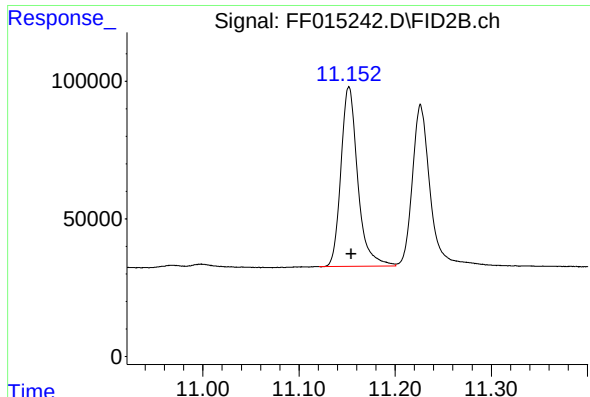
#7 Acenaphthene (C15.5)

R.T.: 8.959 min
Delta R.T.: -0.002 min
Response: 793818
Conc: 4.71 ug/ml



#8 Flouorene (C16.55)

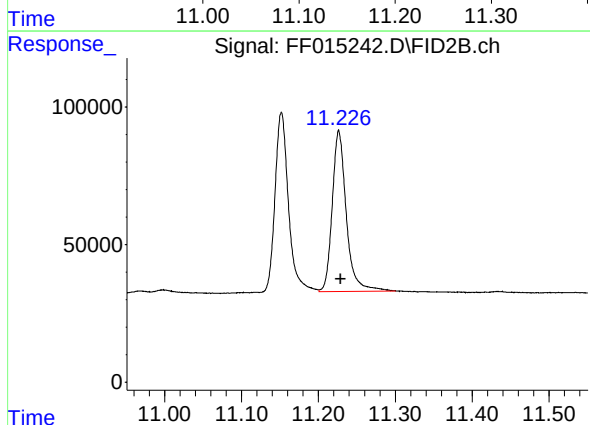
R.T.: 9.748 min
Delta R.T.: -0.001 min
Response: 761825
Conc: 4.70 ug/ml



#9 Phenanthrene (C19.36)

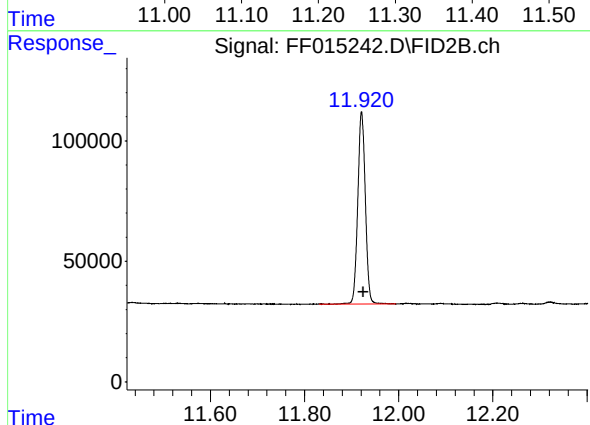
R.T.: 11.152 min
Delta R.T.: -0.002 min
Response: 794849
Conc: 4.84 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



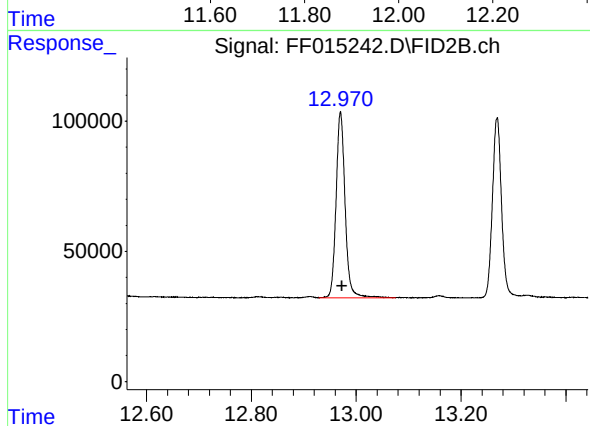
#10 Anthracene (C19.43)

R.T.: 11.227 min
Delta R.T.: -0.002 min
Response: 745852
Conc: 4.91 ug/ml



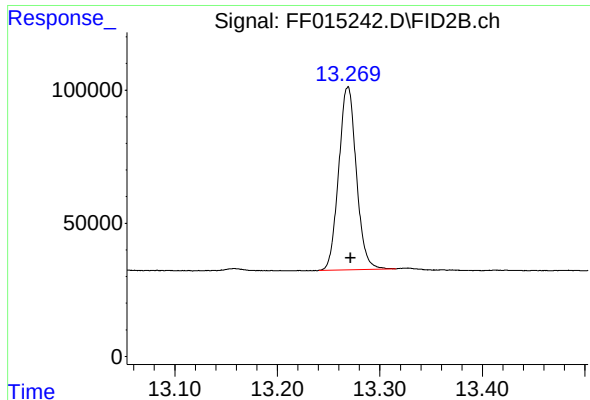
#11 ortho-Terphenyl (SURR)

R.T.: 11.921 min
Delta R.T.: -0.003 min
Response: 892597
Conc: 5.06 ug/ml



#12 Fluoranthene (C21.85)

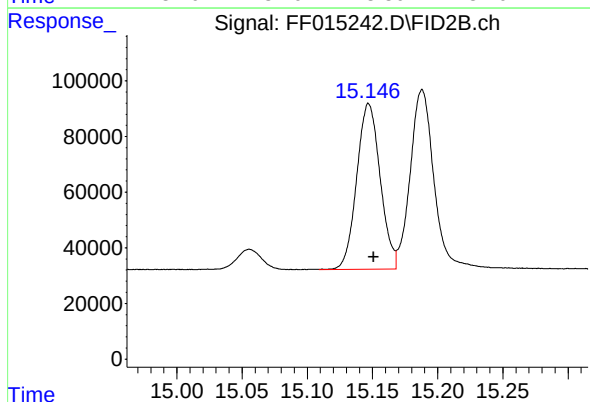
R.T.: 12.970 min
Delta R.T.: -0.003 min
Response: 853770
Conc: 5.05 ug/ml



#13 Pyrene (C20.8)

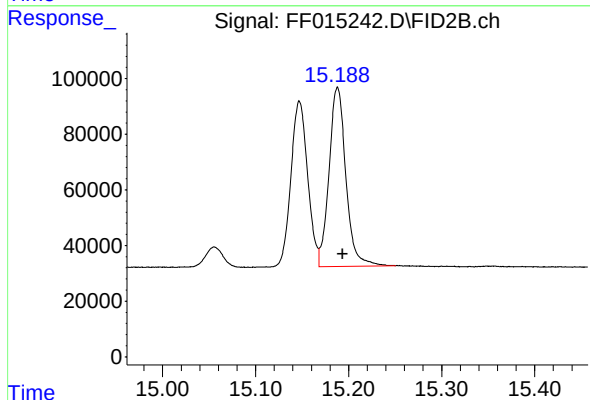
R.T.: 13.269 min
Delta R.T.: -0.003 min
Response: 819344
Conc: 4.91 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



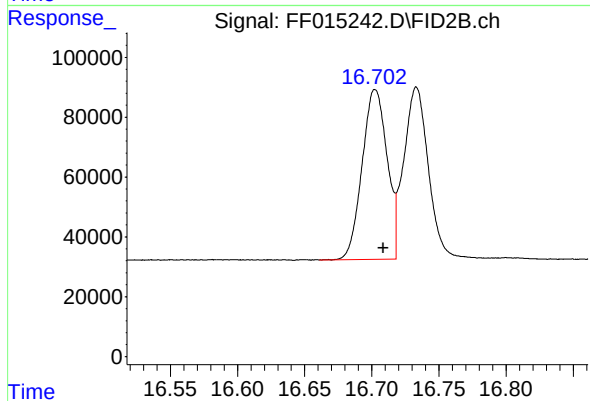
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.147 min
Delta R.T.: -0.004 min
Response: 744827
Conc: 4.87 ug/ml



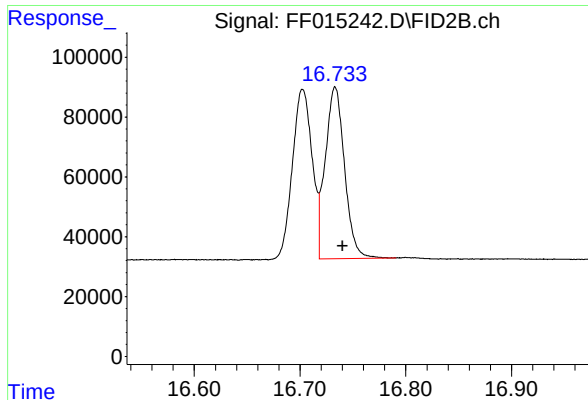
#15 Chrysene (C27.41)

R.T.: 15.188 min
Delta R.T.: -0.006 min
Response: 810280
Conc: 5.14 ug/ml



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

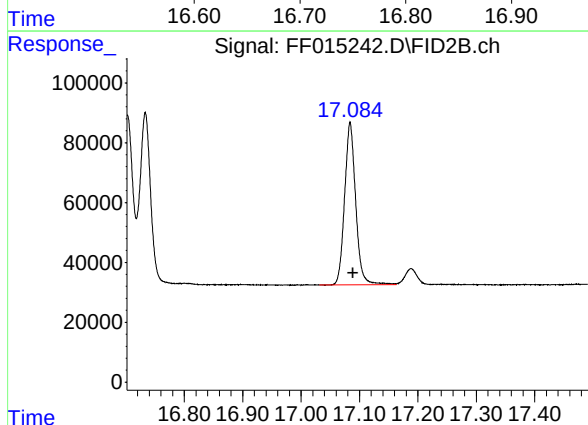
R.T.: 16.703 min
Delta R.T.: -0.006 min
Response: 734955
Conc: 4.84 ug/ml



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

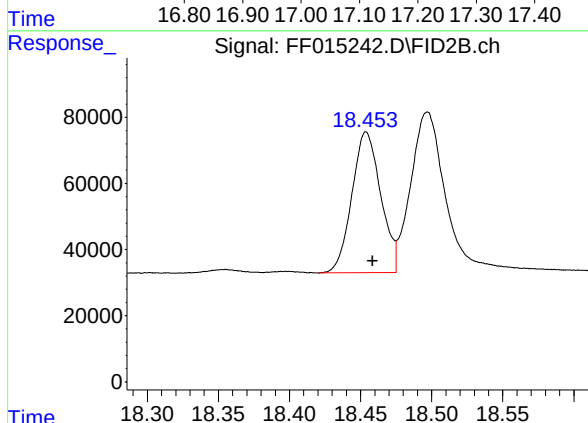
R.T.: 16.733 min
Delta R.T.: -0.007 min
Response: 729393
Conc: 5.09 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



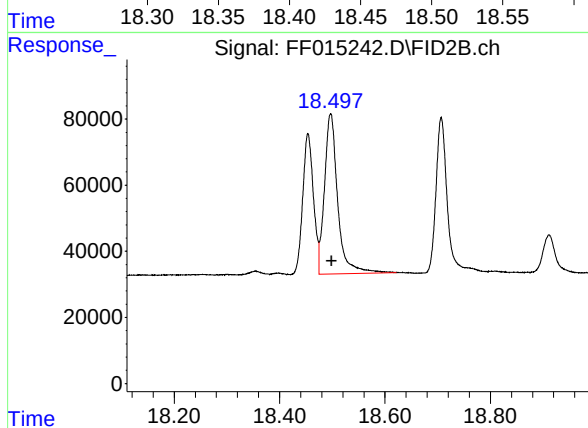
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.084 min
Delta R.T.: -0.005 min
Response: 717031
Conc: 4.96 ug/ml



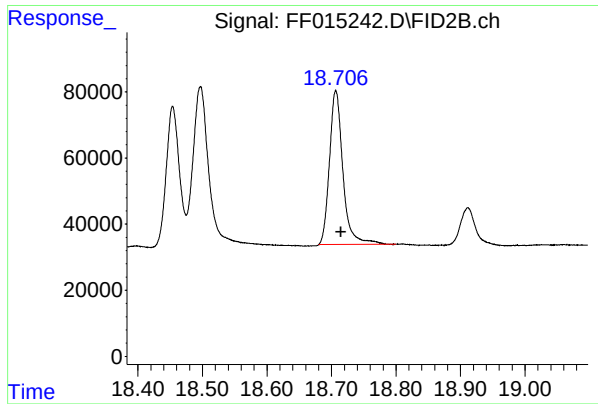
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.454 min
Delta R.T.: -0.004 min
Response: 599225
Conc: 4.68 ug/ml



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

R.T.: 18.497 min
Delta R.T.: -0.002 min
Response: 843394
Conc: 5.55 ug/ml



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

R.T.: 18.707 min
Delta R.T.: -0.008 min
Response: 673965
Conc: 4.90 ug/ml

Instrument :

FID_F

ClientSampleId :

5 PPM AROMATIC HC STD5

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AR\
 Data File : FF015242.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 20:39
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.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	4.603	4.551	4.646	BB	84476	825147	92.44%	5.303%
2	6.269	6.209	6.334	BB	81283	789640	88.47%	5.075%
3	7.362	7.292	7.429	BB	74555	756966	84.80%	4.865%
4	7.989	7.919	8.064	BB	59871	610289	68.37%	3.922%
5	8.661	8.601	8.769	BB	70335	759771	85.12%	4.883%
6	8.861	8.831	8.932	BV	31550	364751	40.86%	2.344%
7	8.959	8.932	9.087	VB	72051	793818	88.93%	5.102%
8	9.748	9.684	9.881	BB	61470	761825	85.35%	4.896%
9	11.152	11.121	11.201	BV	65320	794849	89.05%	5.108%
10	11.227	11.201	11.301	VBA	58156	745852	83.56%	4.794%
11	11.921	11.831	11.994	BB	79755	892597	100.00%	5.737%
12	12.970	12.929	13.076	PB	71470	853770	95.65%	5.487%
13	13.269	13.241	13.316	BV	68718	819344	91.79%	5.266%
14	15.147	15.109	15.168	BV	59486	744827	83.44%	4.787%
15	15.188	15.168	15.251	VBA	64218	810280	90.78%	5.208%
16	16.703	16.661	16.718	BV	56748	734955	82.34%	4.724%
17	16.733	16.718	16.791	VBA	57464	729393	81.72%	4.688%
18	17.084	17.031	17.162	BV	54403	717031	80.33%	4.608%
19	18.454	18.421	18.475	PV	42311	592283	66.35%	3.807%
20	18.497	18.475	18.561	VBA	47888	788160	88.30%	5.065%
21	18.707	18.681	18.800	BBA	46587	673965	75.51%	4.332%
Sum of corrected areas:						15559512		

Aromatic EPH 011425.M Wed Jan 15 05:57:25 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AR\
 Data File : FF015243.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 21:35
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jan 15 07:06:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 15 07:05:42 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...	7.989	2755908	20.878 ug/ml
Spiked Amount 50.000		Recovery =	41.76%
6) S 2-Fluorobiphenyl (SURR)	8.862	1779655	21.084 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.17%
11) S ortho-Terphenyl (SURR)	11.924	3509808	20.389 ug/ml
Spiked Amount 50.000		Recovery =	40.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.602	3295617	20.546 ug/ml
2) T Naphthalene (C11.7)	6.269	3305467	20.616 ug/ml
3) T 2-Methylnaphthalene (...)	7.363	3298655	20.744 ug/ml
5) T Acenaphthylene (C15.06)	8.662	3308026	20.818 ug/ml
7) T Acenaphthene (C15.5)	8.961	3385425	20.762 ug/ml
8) T Fluorene (C16.55)	9.750	3261470	20.714 ug/ml
9) T Phenanthrene (C19.36)	11.154	3284454	20.571 ug/ml
10) T Anthracene (C19.43)	11.229	3029323	20.518 ug/ml
12) T Fluoranthene (C21.85)	12.974	3368840	20.364 ug/ml
13) T Pyrene (C20.8)	13.272	3319182	20.492 ug/ml
14) T Benzo[a]anthracene (C...	15.152	3058267	20.500 ug/ml
15) T Chrysene (C27.41)	15.194	3159259	20.339 ug/ml
16) T benzo[b]fluoranthene ...	16.708	3049657	20.608 ug/ml
17) T Bnezo[k]fluoranthene ...	16.741	2880053	20.370 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.089	2916807	20.529 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.459	2591702	20.568 ug/ml
20) T Dibenz[a,h]anthracene...	18.500	3059657	20.680 ug/ml
21) T Benzo[g,h,i]perylene ...	18.715	2761955	20.460 ug/ml

(f)=RT Delta > 1/2 Window

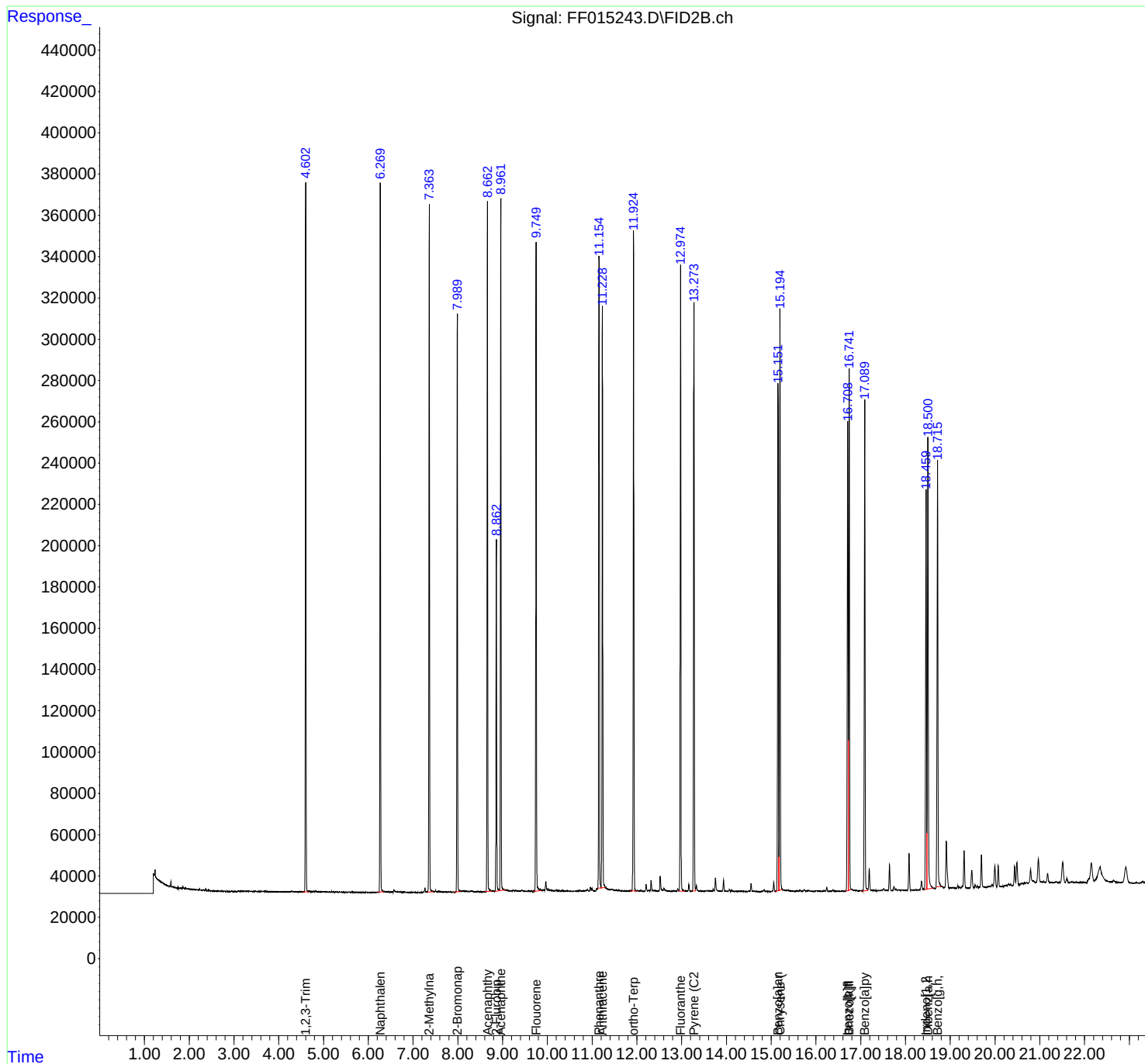
(m)=manual int.

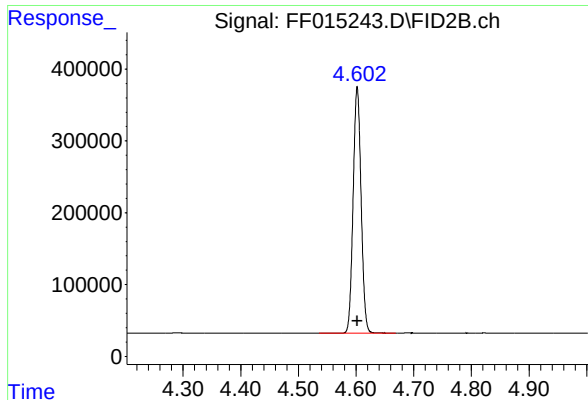
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AR\
Data File : FF015243.D
Signal(s) : FID2B.ch
Acq On : 14 Jan 2025 21:35
Operator : YP\AJ
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Jan 15 07:06:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Wed Jan 15 07:05:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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

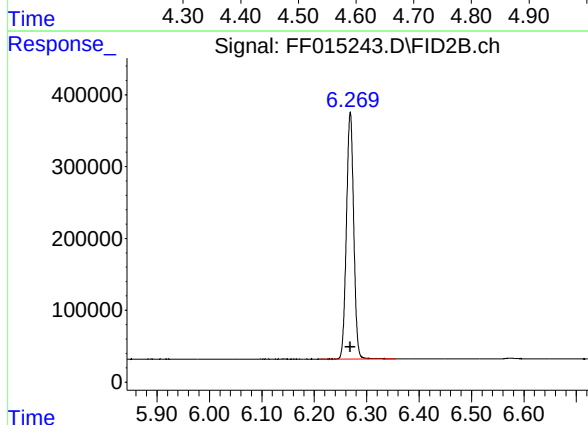




#1 1,2,3-Trimethylbenzene (C10.1)

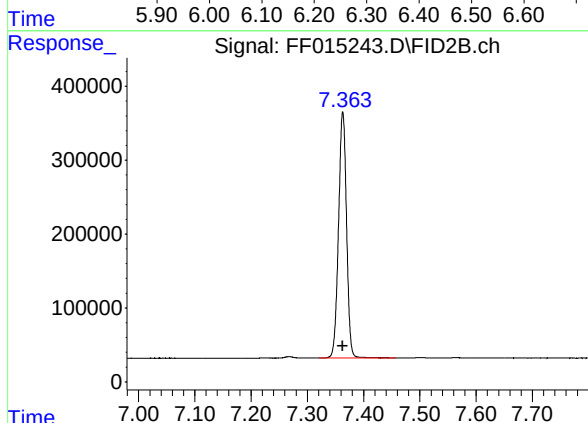
R.T.: 4.602 min
Delta R.T.: 0.000 min
Response: 3295617
Conc: 20.55 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD ICV



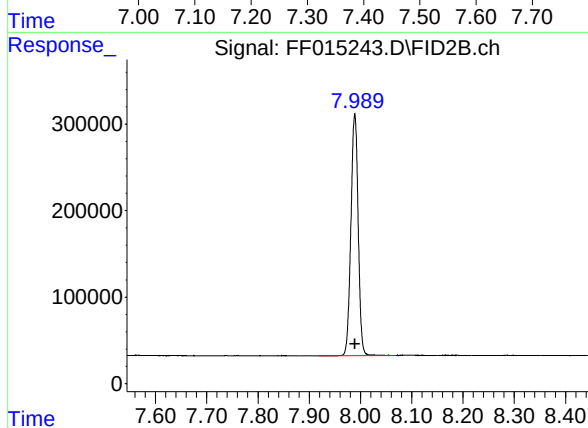
#2 Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 3305467
Conc: 20.62 ug/ml



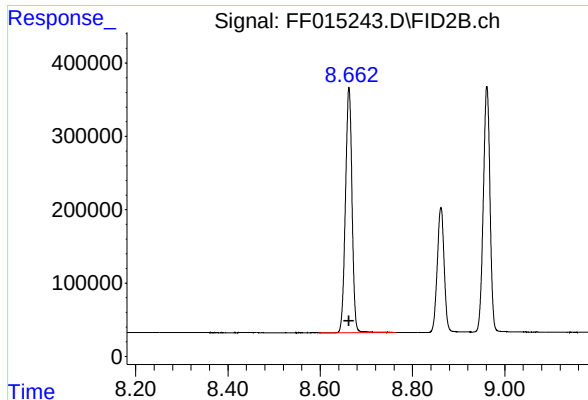
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.363 min
Delta R.T.: 0.000 min
Response: 3298655
Conc: 20.74 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.989 min
Delta R.T.: 0.000 min
Response: 2755908
Conc: 20.88 ug/ml



#5 Acenaphthylene (C15.06)

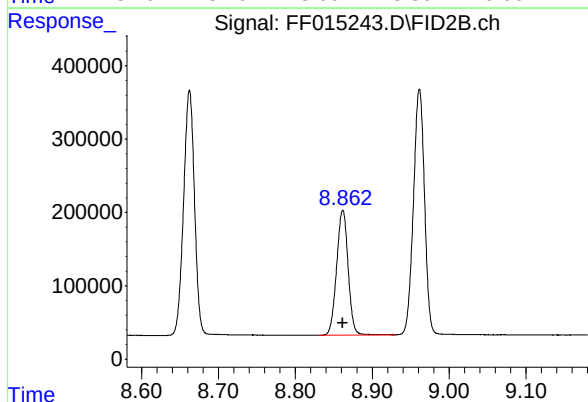
R.T.: 8.662 min
Delta R.T.: 0.000 min
Response: 3308026
Conc: 20.82 ug/ml

Instrument :

FID_F

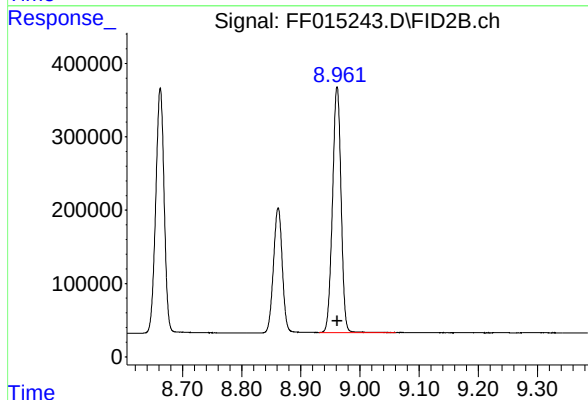
ClientSampleId :

20 PPM AROMATIC HC STD ICV



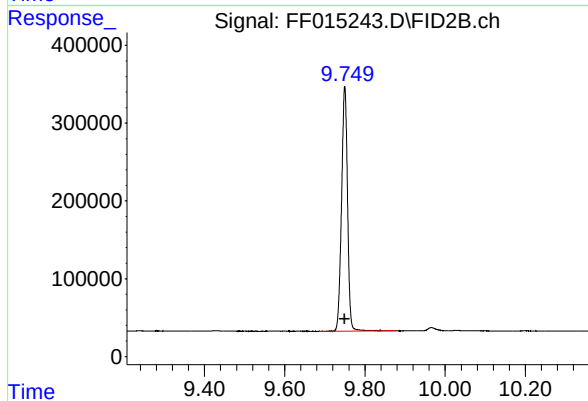
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.862 min
Delta R.T.: 0.000 min
Response: 1779655
Conc: 21.08 ug/ml



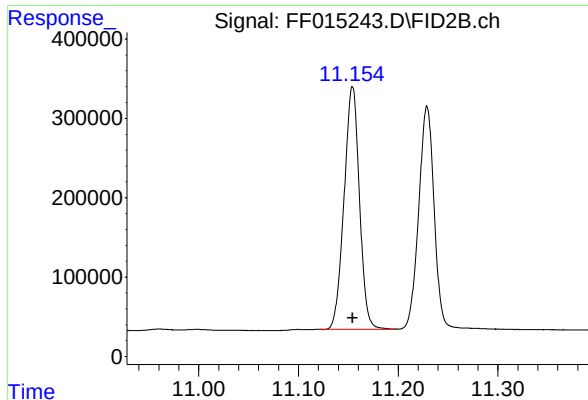
#7 Acenaphthene (C15.5)

R.T.: 8.961 min
Delta R.T.: 0.000 min
Response: 3385425
Conc: 20.76 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.750 min
Delta R.T.: 0.000 min
Response: 3261470
Conc: 20.71 ug/ml



#9 Phenanthrene (C19.36)

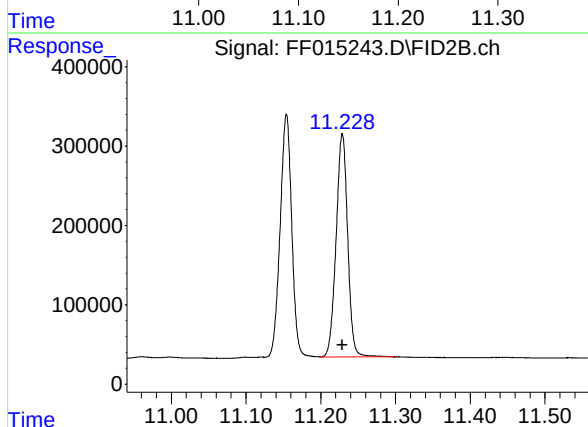
R.T.: 11.154 min
Delta R.T.: 0.000 min
Response: 3284454
Conc: 20.57 ug/ml

Instrument :

FID_F

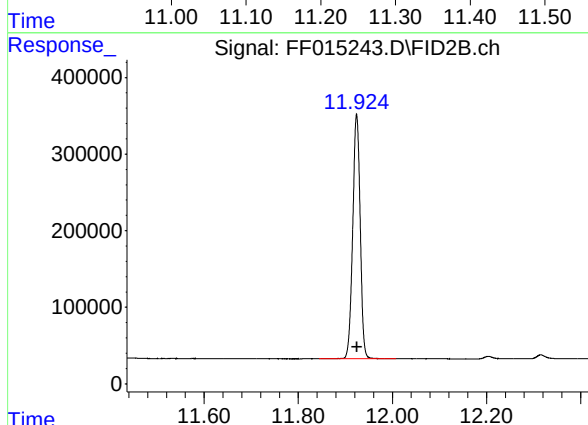
ClientSampleId :

20 PPM AROMATIC HC STD ICV



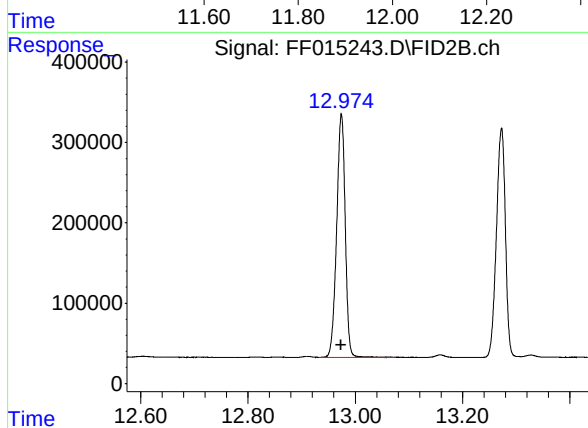
#10 Anthracene (C19.43)

R.T.: 11.229 min
Delta R.T.: 0.000 min
Response: 3029323
Conc: 20.52 ug/ml



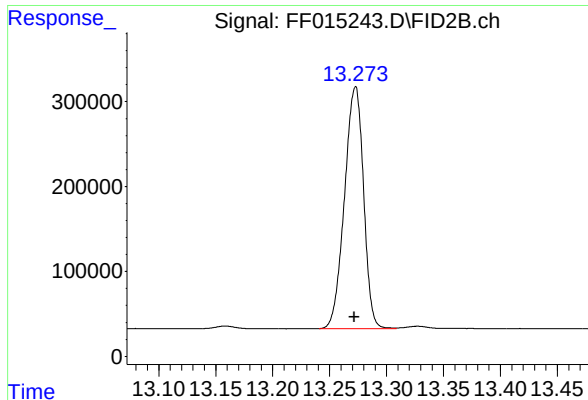
#11 ortho-Terphenyl (SURR)

R.T.: 11.924 min
Delta R.T.: 0.000 min
Response: 3509808
Conc: 20.39 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.974 min
Delta R.T.: 0.000 min
Response: 3368840
Conc: 20.36 ug/ml



#13 Pyrene (C20.8)

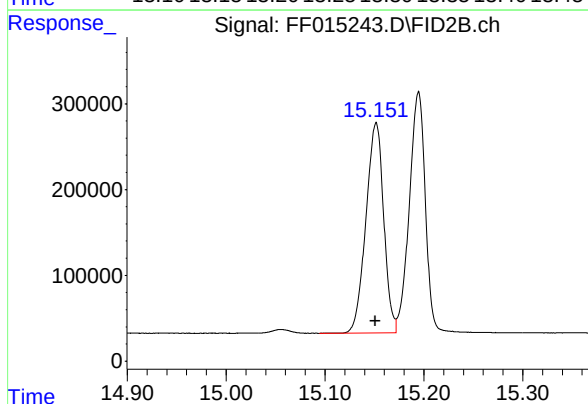
R.T.: 13.272 min
Delta R.T.: 0.000 min
Response: 3319182
Conc: 20.49 ug/ml

Instrument :

FID_F

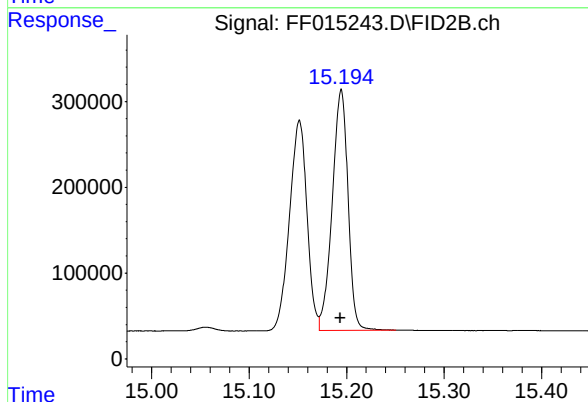
ClientSampleId :

20 PPM AROMATIC HC STD ICV



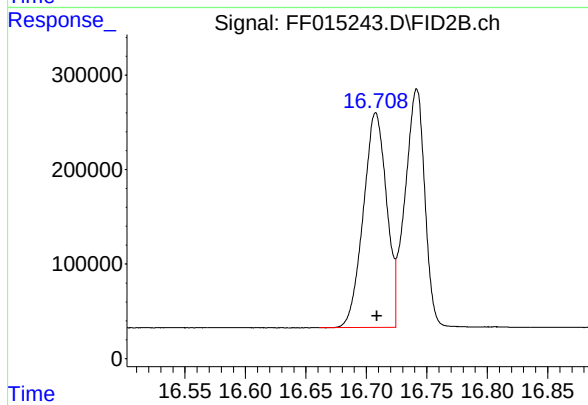
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.152 min
Delta R.T.: 0.000 min
Response: 3058267
Conc: 20.50 ug/ml



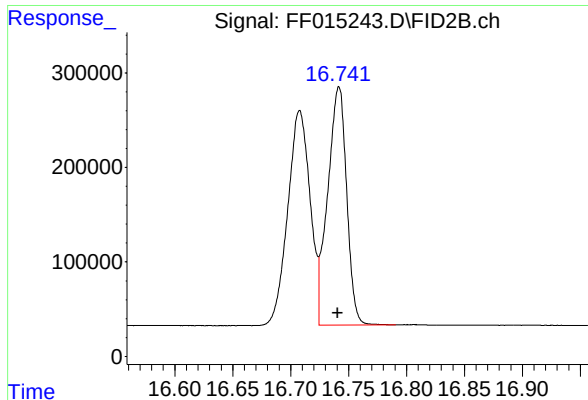
#15 Chrysene (C27.41)

R.T.: 15.194 min
Delta R.T.: 0.000 min
Response: 3159259
Conc: 20.34 ug/ml



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

R.T.: 16.708 min
Delta R.T.: 0.000 min
Response: 3049657
Conc: 20.61 ug/ml



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

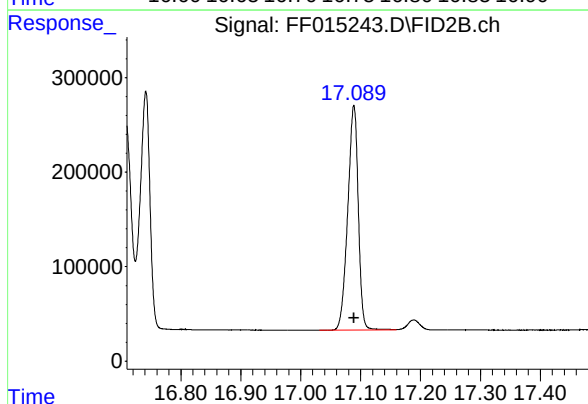
R.T.: 16.741 min
Delta R.T.: 0.000 min
Response: 2880053
Conc: 20.37 ug/ml

Instrument :

FID_F

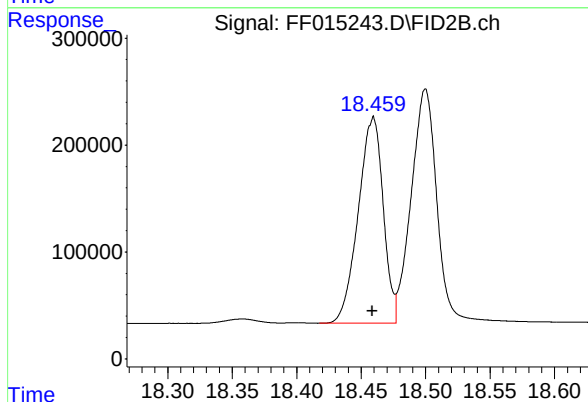
ClientSampleId :

20 PPM AROMATIC HC STD ICV



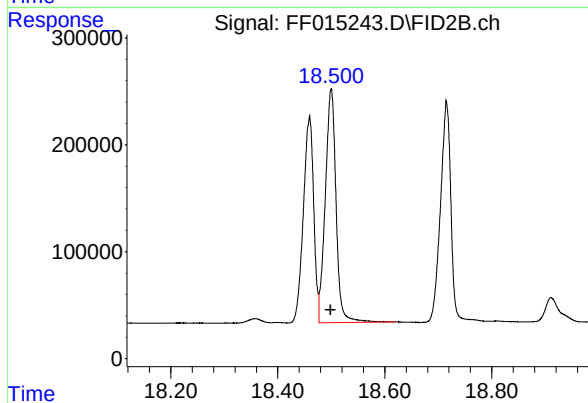
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.089 min
Delta R.T.: 0.000 min
Response: 2916807
Conc: 20.53 ug/ml



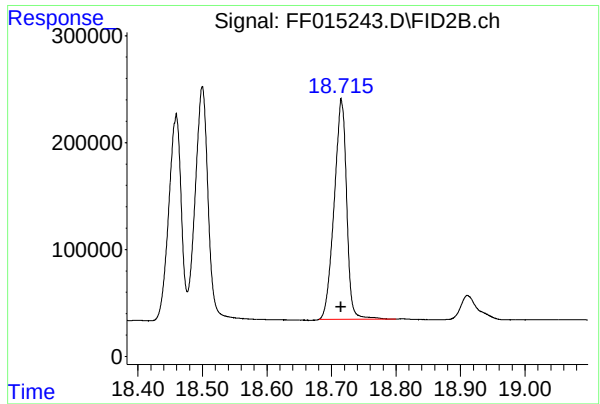
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.459 min
Delta R.T.: 0.000 min
Response: 2591702
Conc: 20.57 ug/ml



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

R.T.: 18.500 min
Delta R.T.: 0.000 min
Response: 3059657
Conc: 20.68 ug/ml



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

R.T.: 18.715 min
Delta R.T.: 0.000 min
Response: 2761955
Conc: 20.46 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD ICV