

Initial Calibration Report for SequenceID : FF020525AR

AreaCount

Parameter Range	FF015474.D	FF015475.D	FF015476.D	FF015477.D	FF015478.D	
Aromatic C10-C12	26438099.000	13372978.000	5358843.000	2891507.000	1461452.000	
Aromatic C12-C16	38565833.000	19481064.000	7784765.000	4212609.000	2133470.000	
Aromatic C16-C21	47478043.000	24060652.000	9568624.000	5150820.000	2572521.000	
Aromatic C21-C36	101116001.000	51241489.000	20661139.000	11147178.000	5580864.000	
Aromatic EPH	213597976.000	108156183.000	43373371.000	23402114.000	11748307.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aromatic C10-C12	138122.38	4.826				
Aromatic C12-C16	134164.8506664	4.911				
Aromatic C16-C21	123200.5435	4.1				
Aromatic C21-C36	117776.385333	4.833				
Aromatic EPH	123973.8307774	4.675				

Concentration

Parameter Range	FF015474.D	FF015475.D	FF015476.D	FF015477.D	FF015478.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	FF015474.D	FF015475.D	FF015476.D	FF015477.D	FF015478.D	
Aromatic C10-C12	132190.495000	133729.780000	133971.075000	144575.350000	146145.200000	
Aromatic C12-C16	128552.776666	129873.760000	129746.083333	140420.300000	142231.333333	
Aromatic C16-C21	118695.107500	120303.260000	119607.800000	128770.500000	128626.050000	
Aromatic C21-C36	112351.112222	113869.975555	114784.105555	123857.533333	124019.200000	
Aromatic EPH	118665.542222	120173.536666	120481.586111	130011.744444	130536.744444	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020525AR\
 Data File : FF015474.D
 Signal(s) : FID2B.ch
 Acq On : 05 Feb 2025 23:20
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :Ankita Jodhani 02/06/2025

Integration File: sample.E
 Quant Time: Feb 06 05:09:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 05:09:14 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...	8.002	11552495	100.000 ug/ml
Spiked Amount 50.000		Recovery =	200.00%
6) S 2-Fluorobiphenyl (SURR)	8.878	7670338	100.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	200.00%#
11) S ortho-Terphenyl (SURR)	11.942	12508445	100.000 ug/ml
Spiked Amount 50.000		Recovery =	200.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.611	13131795	100.000 ug/ml
2) T Naphthalene (C11.7)	6.280	13306304	100.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.377	12895401	100.000 ug/ml
5) T Acenaphthylene (C15.06)	8.679	12967828	100.000 ug/ml
7) T Acenaphthene (C15.5)	8.979	12702604	100.000 ug/ml
8) T Flouorene (C16.55)	9.769	12604912	100.000 ug/ml
9) T Phenanthrene (C19.36)	11.176	11900402	100.000 ug/ml
10) T Anthracene (C19.43)	11.253	11425870	100.000 ug/ml
12) T Fluoranthene (C21.85)	13.000	11699094	100.000 ug/ml
13) T Pyrene (C20.8)	13.300	11546859	100.000 ug/ml
14) T Benzo[a]anthracene (C...	15.183	10885753	100.000 ug/ml
15) T Chrysene (C27.41)	15.230	11008594	100.000 ug/ml
16) T benzo[b]fluoranthene ...	16.748	11230074	100.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.786	11091982	100.699 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.131	10776059	100.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.510	11468109	100.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.549	10892090	99.267 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.773	12064246	100.000 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020525AR\
Data File : FF015474.D
Signal(s) : FID2B.ch
Acq On : 05 Feb 2025 23:20
Operator : YP\AJ
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 21 Sample Multiplier: 1

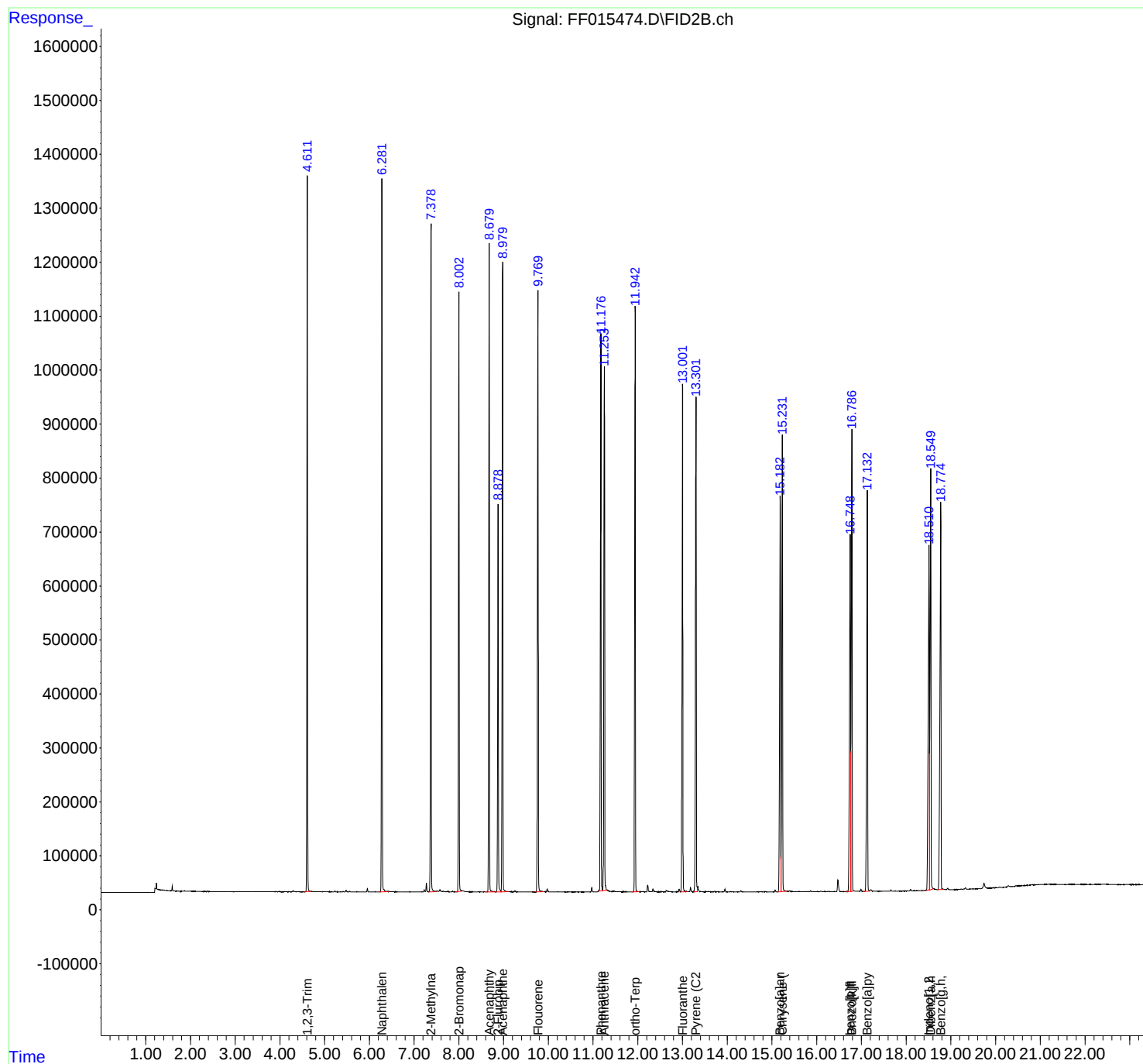
Instrument :
FID_F
ClientSampleId :
100 PPM AROMATIC HC STD1

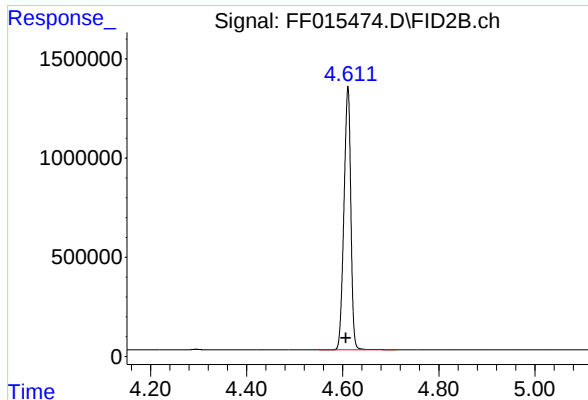
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :Ankita Jodhani 02/06/2025

Integration File: sample.E
Quant Time: Feb 06 05:09:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.M
Quant Title : GC Extractables
QLast Update : Thu Feb 06 05:09:14 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.: 4.611 min
Delta R.T.: 0.004 min
Response: 13131795
Conc: 100.00 ug/ml

Instrument :

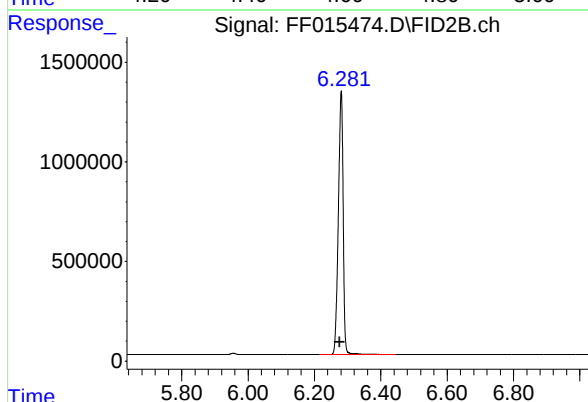
FID_F

ClientSampleId :

100 PPM AROMATIC HC STD1

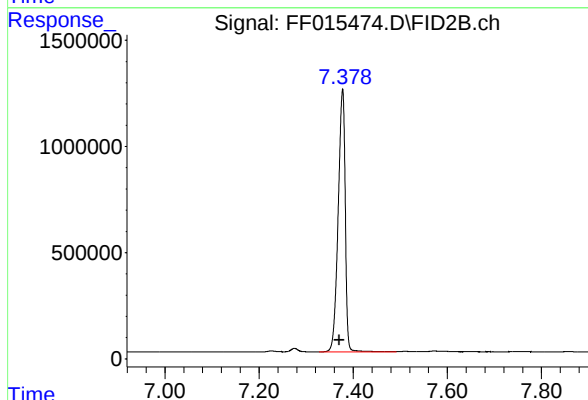
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :Ankita Jodhani 02/06/2025



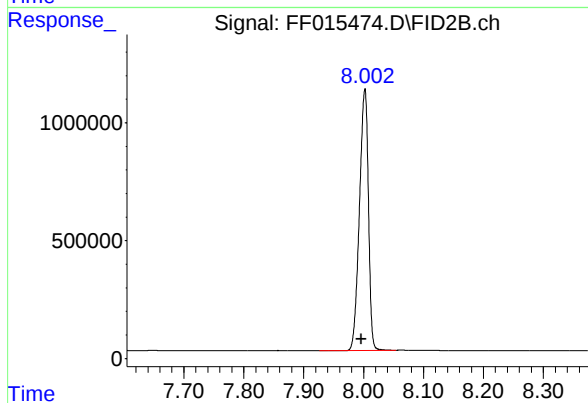
#2 Naphthalene (C11.7)

R.T.: 6.280 min
Delta R.T.: 0.005 min
Response: 13306304
Conc: 100.00 ug/ml



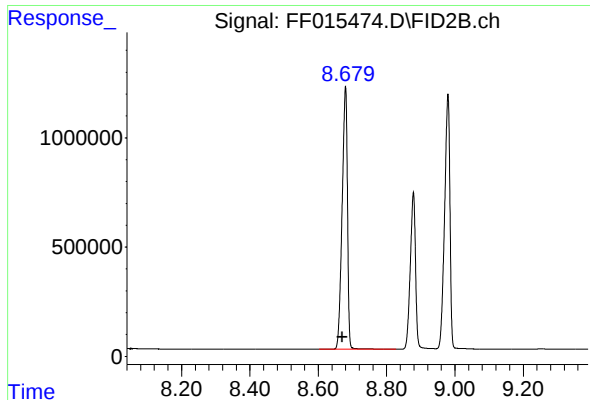
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.377 min
Delta R.T.: 0.007 min
Response: 12895401
Conc: 100.00 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.002 min
Delta R.T.: 0.005 min
Response: 11552495
Conc: 100.00 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.679 min
Delta R.T.: 0.008 min
Response: 12967828
Conc: 100.00 ug/ml

Instrument :

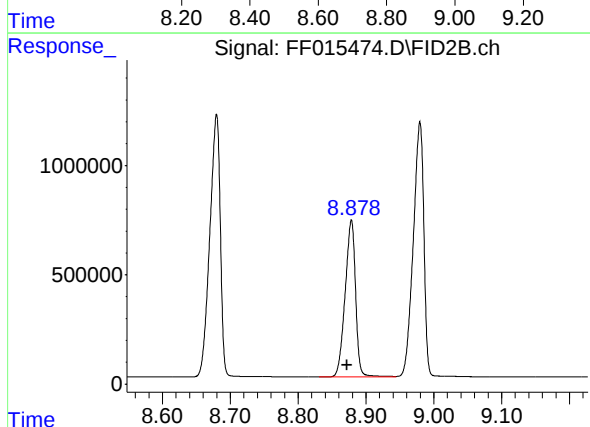
FID_F

ClientSampleId :

100 PPM AROMATIC HC STD1

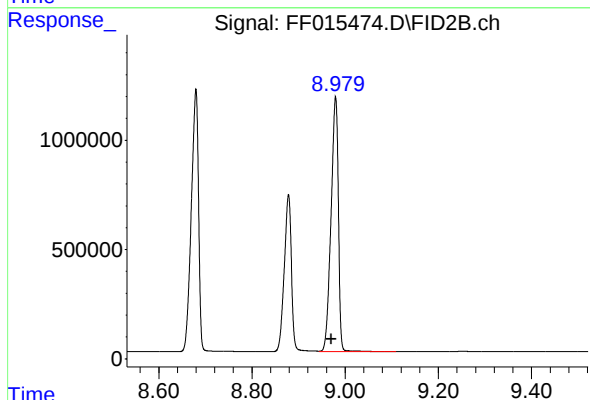
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :Ankita Jodhani 02/06/2025



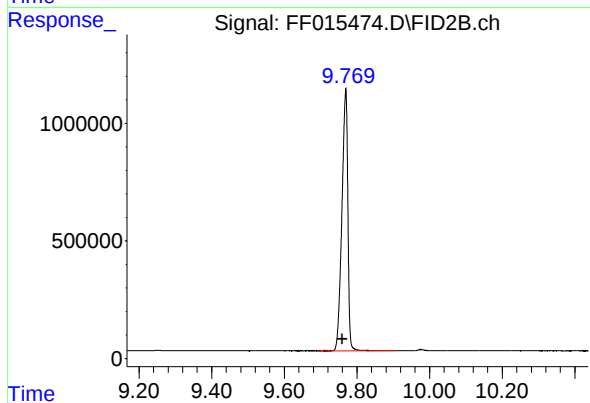
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.878 min
Delta R.T.: 0.006 min
Response: 7670338
Conc: 100.00 ug/ml



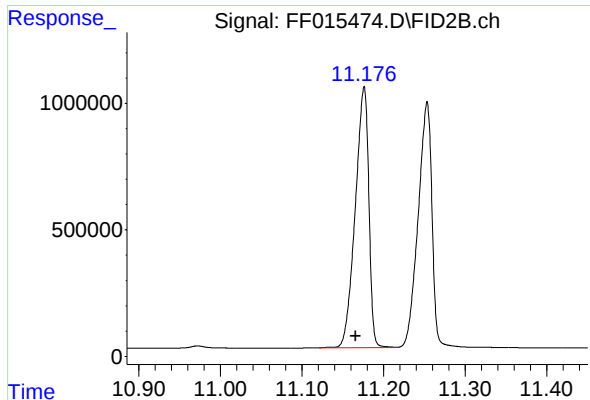
#7 Acenaphthene (C15.5)

R.T.: 8.979 min
Delta R.T.: 0.009 min
Response: 12702604
Conc: 100.00 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.769 min
Delta R.T.: 0.009 min
Response: 12604912
Conc: 100.00 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.176 min
Delta R.T.: 0.010 min
Response: 11900402
Conc: 100.00 ug/ml

Instrument :

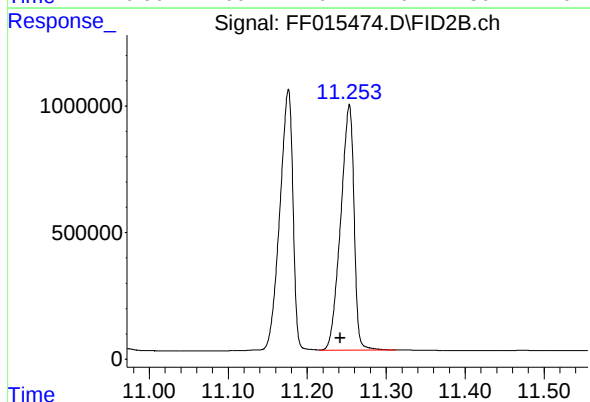
FID_F

ClientSampleId :

100 PPM AROMATIC HC STD1

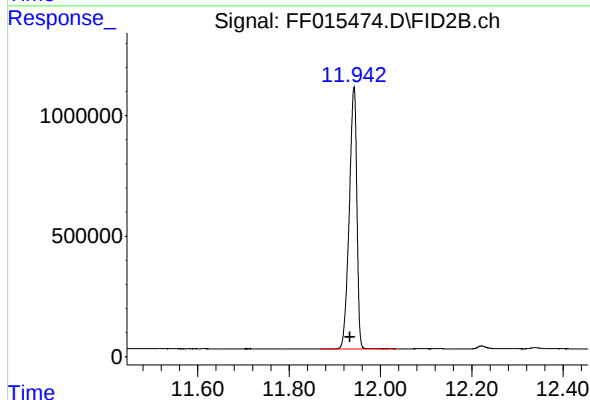
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :Ankita Jodhani 02/06/2025



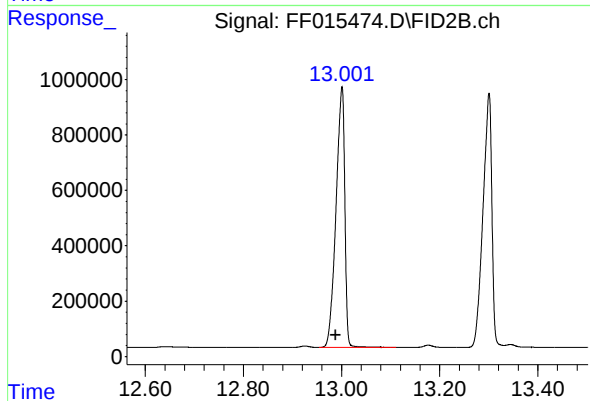
#10 Anthracene (C19.43)

R.T.: 11.253 min
Delta R.T.: 0.011 min
Response: 11425870
Conc: 100.00 ug/ml



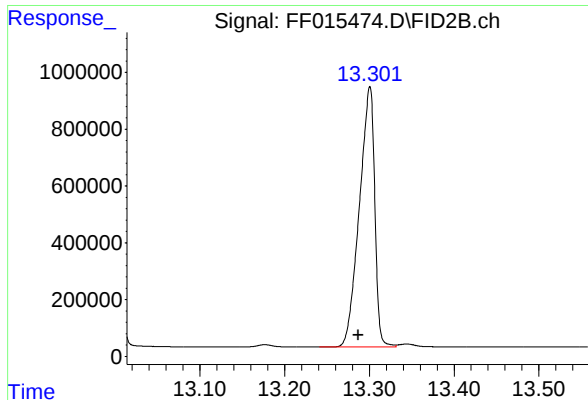
#11 ortho-Terphenyl (SURR)

R.T.: 11.942 min
Delta R.T.: 0.008 min
Response: 12508445
Conc: 100.00 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.000 min
Delta R.T.: 0.012 min
Response: 11699094
Conc: 100.00 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.300 min
Delta R.T.: 0.013 min
Response: 11546859
Conc: 100.00 ug/ml

Instrument :

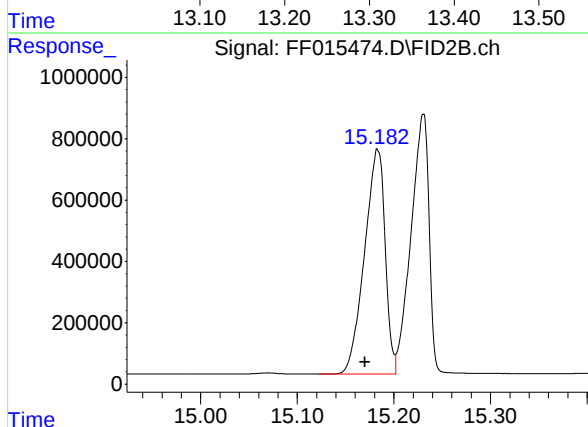
FID_F

ClientSampleId :

100 PPM AROMATIC HC STD1

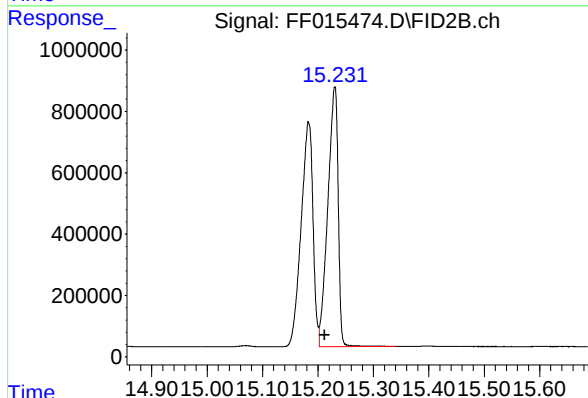
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :Ankita Jodhani 02/06/2025



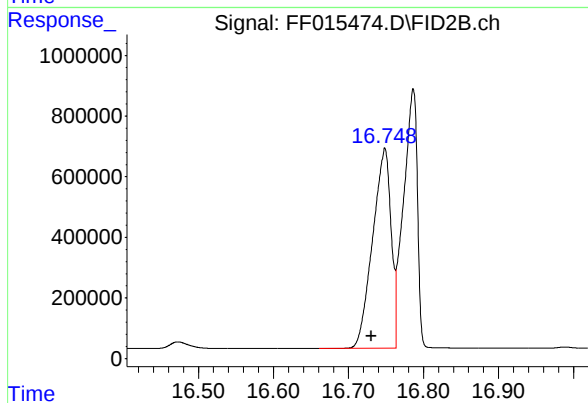
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.183 min
Delta R.T.: 0.013 min
Response: 10885753
Conc: 100.00 ug/ml



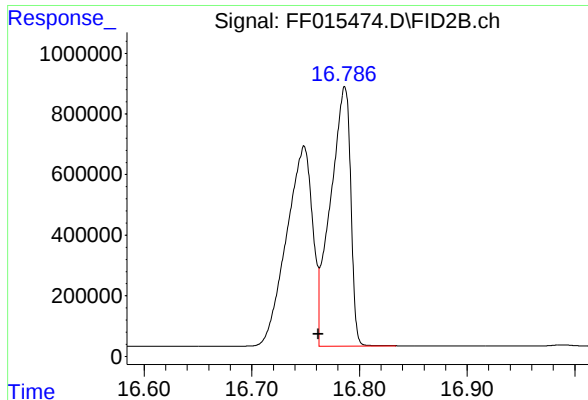
#15 Chrysene (C27.41)

R.T.: 15.230 min
Delta R.T.: 0.018 min
Response: 11008594
Conc: 100.00 ug/ml



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

R.T.: 16.748 min
Delta R.T.: 0.018 min
Response: 11230074
Conc: 100.00 ug/ml



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

R.T.: 16.786 min
Delta R.T.: 0.024 min
Response: 11091982
Conc: 100.70 ug/ml

Instrument :

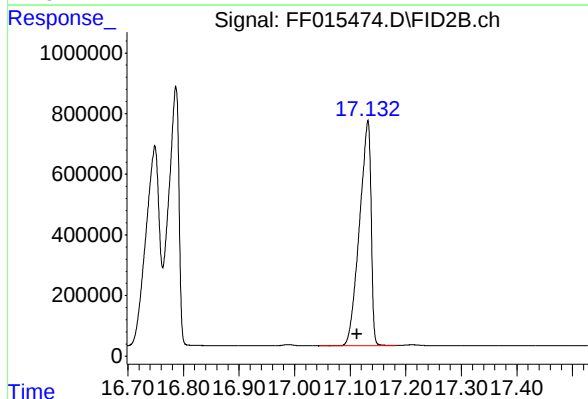
FID_F

ClientSampleId :

100 PPM AROMATIC HC STD1

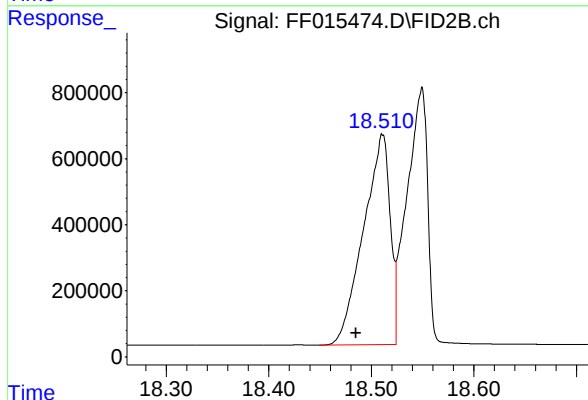
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :Ankita Jodhani 02/06/2025



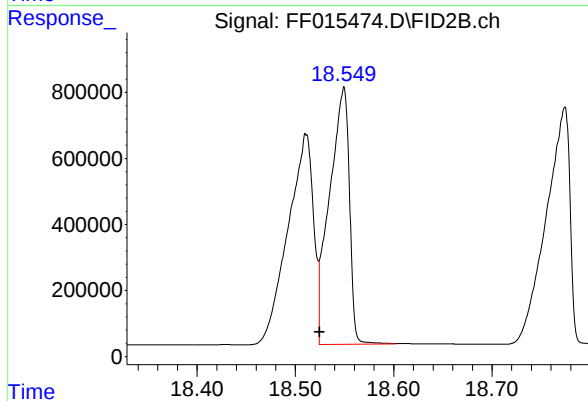
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.131 min
Delta R.T.: 0.019 min
Response: 10776059
Conc: 100.00 ug/ml



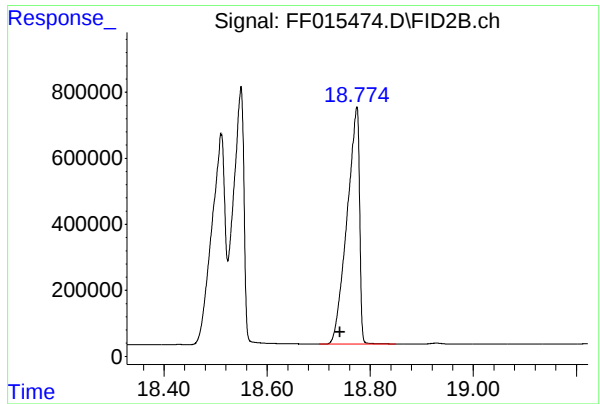
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.510 min
Delta R.T.: 0.026 min
Response: 11468109
Conc: 100.00 ug/ml



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

R.T.: 18.549 min
Delta R.T.: 0.025 min
Response: 10892090
Conc: 99.27 ug/ml m



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

R.T.: 18.773 min
Delta R.T.: 0.032 min
Response: 12064246
Conc: 100.00 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM AROMATIC HC STD1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :Ankita Jodhani 02/06/2025

rtres

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

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :Ankita Jodhani 02/06/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF02052
Data File : FF015474.D
Signal(s) : FID2B.ch
Acq On : 05 Feb 2025 23:20
Sample : 100 PPM AROMATIC HC STD1
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.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	4.611	4.551	4.711	BV	1329274	13131795	98.69%	5.352%
2	6.280	6.214	6.446	BB	1325123	13306304	100.00%	5.424%
3	7.377	7.327	7.491	VV	1240341	12895401	96.91%	5.256%
4	8.002	7.926	8.054	BV	1115605	11552495	86.82%	4.709%
5	8.679	8.602	8.827	BB	1201046	12967828	97.46%	5.286%
6	8.878	8.831	8.944	BV	714821	7670338	57.64%	3.126%
7	8.979	8.944	9.109	VB	1167203	12702604	95.46%	5.177%
8	9.769	9.696	9.907	BB	1116786	12604912	94.73%	5.138%
9	11.176	11.121	11.215	BV	1030620	11900402	89.43%	4.850%
10	11.253	11.215	11.312	VV	964466	11425870	85.87%	4.657%
11	11.942	11.866	12.034	BB	1087686	12508445	94.00%	5.098%
12	13.000	12.954	13.111	PV	944011	11699094	87.92%	4.768%
13	13.300	13.241	13.331	BV	922210	11546859	86.78%	4.706%
14	15.183	15.122	15.202	BV	734904	10885753	81.81%	4.437%
15	15.230	15.202	15.341	VBA	846547	11008594	82.73%	4.487%
16	16.748	16.661	16.763	BV	657500	11230074	84.40%	4.577%
17	16.786	16.763	16.871	VBA	857550	11036937	82.95%	4.499%
18	17.131	17.044	17.182	BV	736667	10776059	80.98%	4.392%
19	18.510	18.449	18.524	PV	637644	11468109	86.19%	4.674%
20	18.548	18.524	18.621	VBA	779659	10961968	82.38%	4.468%
21	18.773	18.701	18.850	BBA	709051	12064246	90.67%	4.917%
Sum of corrected areas:						245344088		

Aromatic EPH 020525.M Thu Feb 06 05:37:31 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020525AR\
 Data File : FF015475.D
 Signal(s) : FID2B.ch
 Acq On : 05 Feb 2025 23:49
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: sample.E
 Quant Time: Feb 06 05:04:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 05:02:08 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...	7.998	5823157	50.294 ug/ml
Spiked Amount 50.000		Recovery =	100.59%
6) S 2-Fluorobiphenyl (SURR)	8.874	3813158	51.407 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.81%
11) S ortho-Terphenyl (SURR)	11.936	6333925	49.872 ug/ml
Spiked Amount 50.000		Recovery =	99.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.608	6658567	49.662 ug/ml
2) T Naphthalene (C11.7)	6.277	6714411	50.159 ug/ml
3) T 2-Methylnaphthalene (...)	7.373	6480542	50.294 ug/ml
5) T Acenaphthylene (C15.06)	8.674	6558191	50.009 ug/ml
7) T Acenaphthene (C15.5)	8.974	6442331	49.847 ug/ml
8) T Fluorene (C16.55)	9.763	6361177	50.611 ug/ml
9) T Phenanthrene (C19.36)	11.170	6006715	50.886 ug/ml
10) T Anthracene (C19.43)	11.245	5867251	50.369 ug/ml
12) T Fluoranthene (C21.85)	12.993	5902080	50.078 ug/ml
13) T Pyrene (C20.8)	13.292	5825509	49.279 ug/ml
14) T Benzo[a]anthracene (C...	15.175	5456103	50.972 ug/ml
15) T Chrysene (C27.41)	15.219	5612386	48.528 ug/ml
16) T benzo[b]fluoranthene ...	16.738	5652142	50.043 ug/ml
17) T Bnezo[k]fluoranthene ...	16.771	5649513	48.618 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.119	5481404	50.110 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.495	5504431	51.471 ug/ml
20) T Dibenz[a,h]anthracene...	18.534	5841179	47.757 ug/ml
21) T Benzo[g,h,i]perylene ...	18.755	6142251	49.249 ug/ml

(f)=RT Delta > 1/2 Window

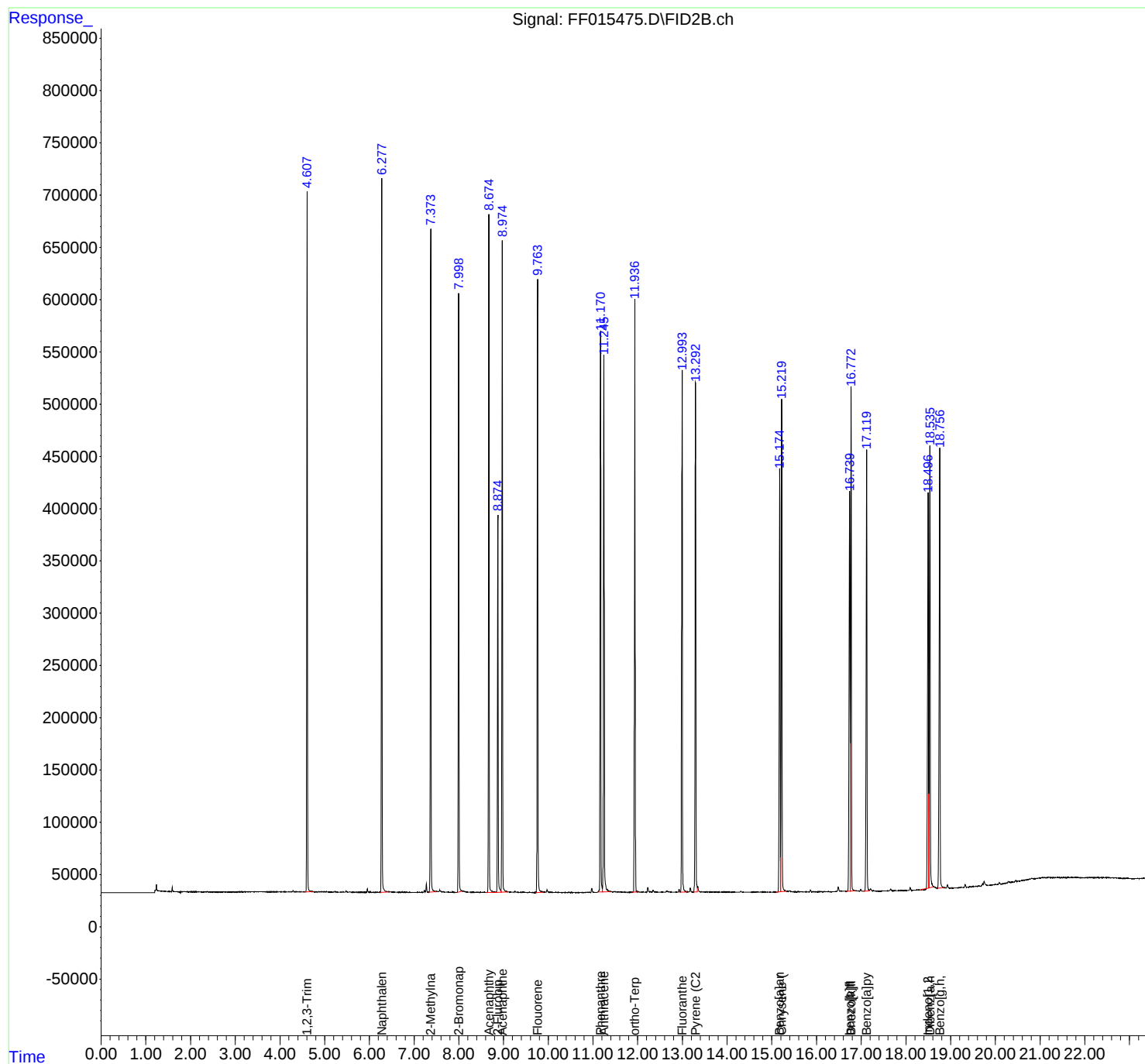
(m)=manual int.

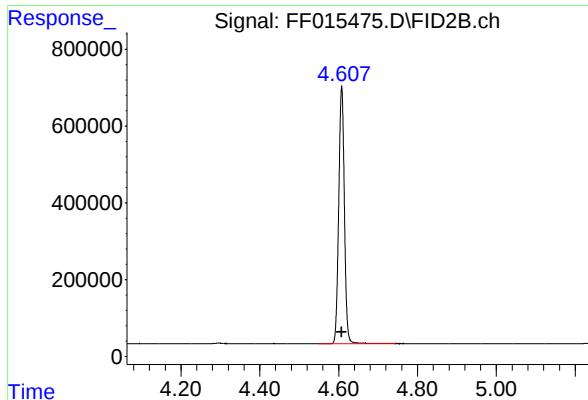
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020525AR\
Data File : FF015475.D
Signal(s) : FID2B.ch
Acq On : 05 Feb 2025 23:49
Operator : YP\AJ
Sample : 50 PPM AROMATIC HC STD2
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2

Integration File: sample.E
Quant Time: Feb 06 05:04:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.M
Quant Title : GC Extractables
QLast Update : Thu Feb 06 05:02:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

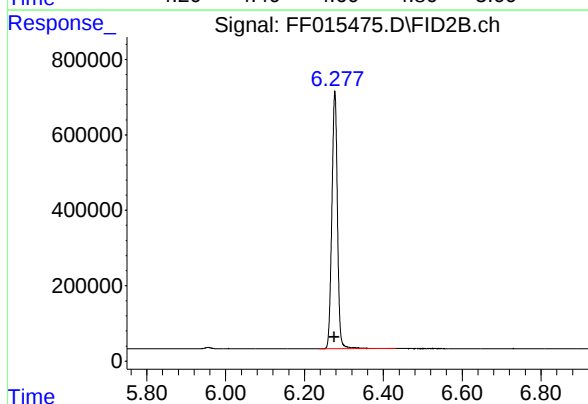




#1 1,2,3-Trimethylbenzene (C10.1)

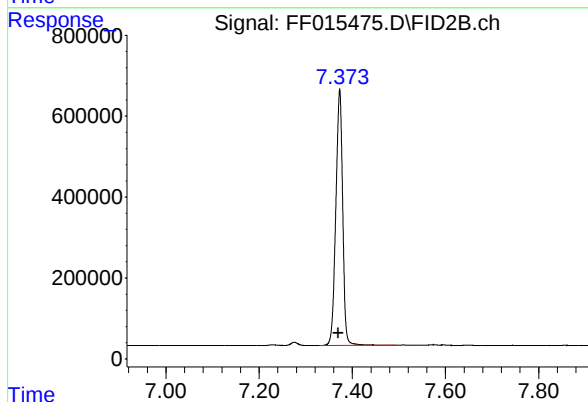
R.T.: 4.608 min
Delta R.T.: 0.000 min
Response: 6658567
Conc: 49.66 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



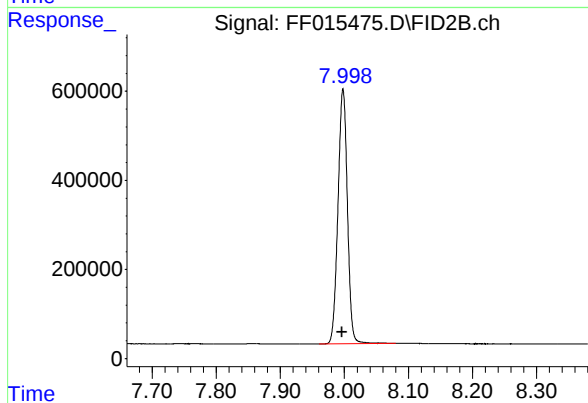
#2 Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.001 min
Response: 6714411
Conc: 50.16 ug/ml



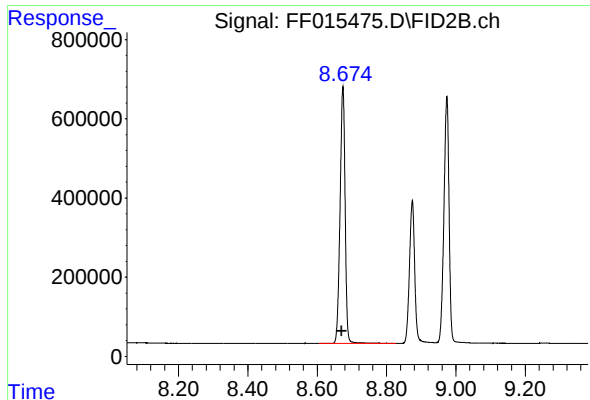
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.373 min
Delta R.T.: 0.003 min
Response: 6480542
Conc: 50.29 ug/ml



#4 2-Bromonaphthalene (SURR)

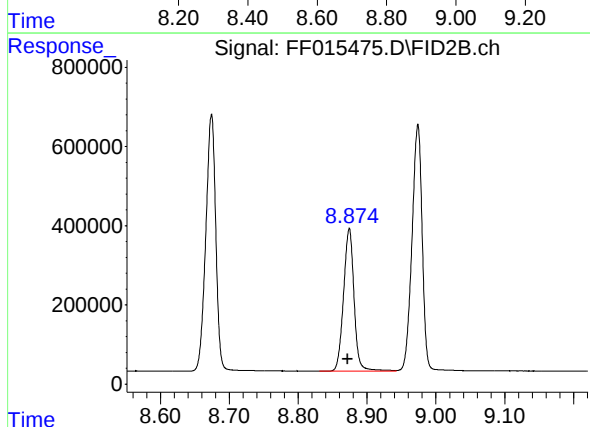
R.T.: 7.998 min
Delta R.T.: 0.002 min
Response: 5823157
Conc: 50.29 ug/ml



#5 Acenaphthylene (C15.06)

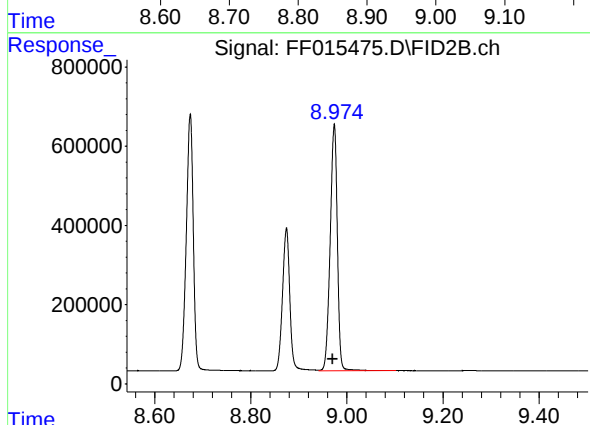
R.T.: 8.674 min
Delta R.T.: 0.003 min
Response: 6558191
Conc: 50.01 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



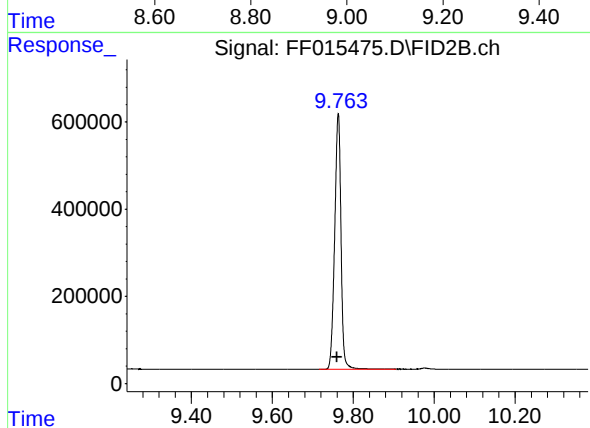
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.874 min
Delta R.T.: 0.002 min
Response: 3813158
Conc: 51.41 ug/ml



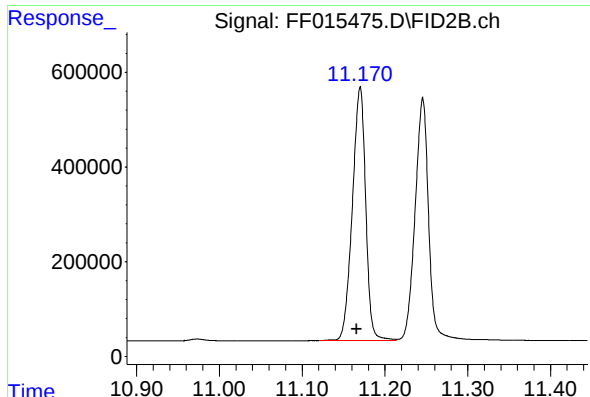
#7 Acenaphthene (C15.5)

R.T.: 8.974 min
Delta R.T.: 0.004 min
Response: 6442331
Conc: 49.85 ug/ml



#8 Flouorene (C16.55)

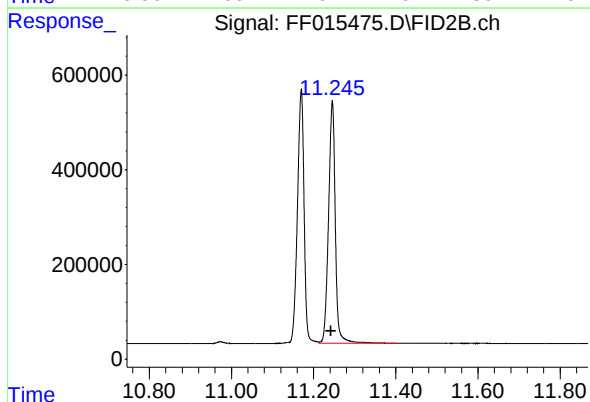
R.T.: 9.763 min
Delta R.T.: 0.003 min
Response: 6361177
Conc: 50.61 ug/ml



#9 Phenanthrene (C19.36)

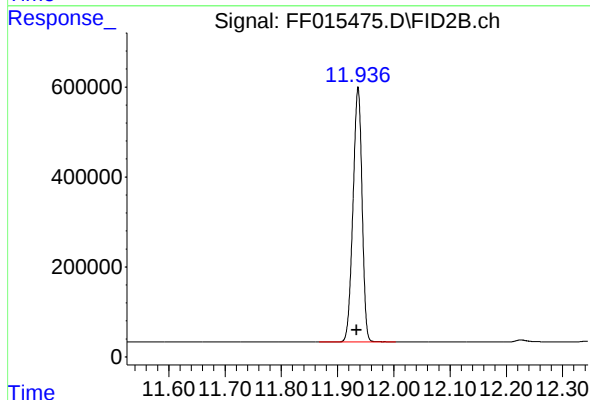
R.T.: 11.170 min
Delta R.T.: 0.004 min
Response: 6006715
Conc: 50.89 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



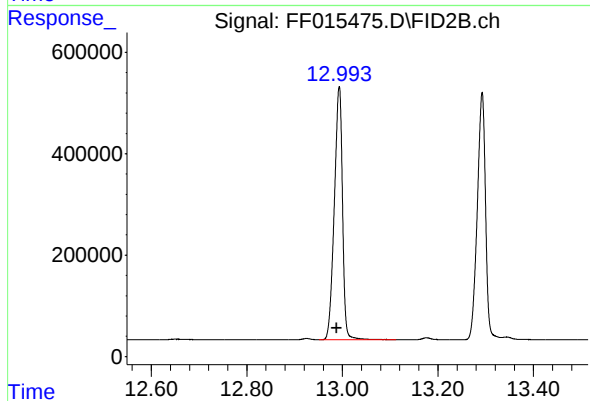
#10 Anthracene (C19.43)

R.T.: 11.245 min
Delta R.T.: 0.004 min
Response: 5867251
Conc: 50.37 ug/ml



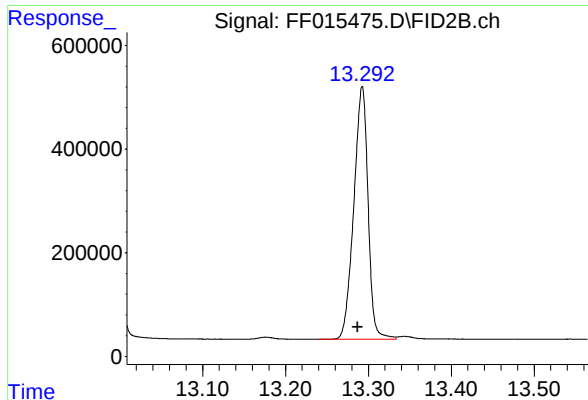
#11 ortho-Terphenyl (SURRE)

R.T.: 11.936 min
Delta R.T.: 0.003 min
Response: 6333925
Conc: 49.87 ug/ml



#12 Fluoranthene (C21.85)

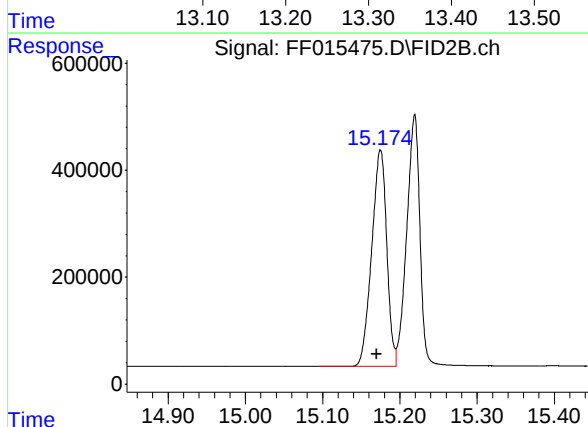
R.T.: 12.993 min
Delta R.T.: 0.005 min
Response: 5902080
Conc: 50.08 ug/ml



#13 Pyrene (C20.8)

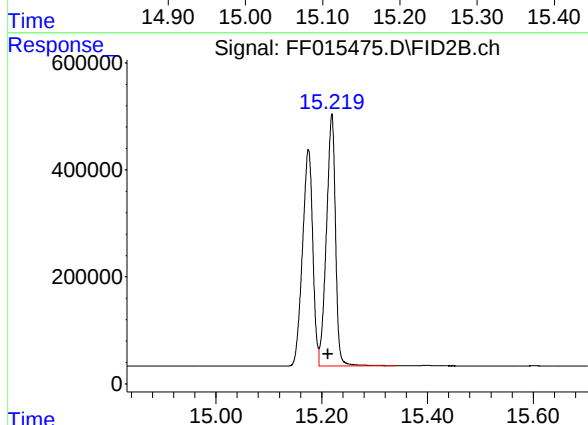
R.T.: 13.292 min
Delta R.T.: 0.005 min
Response: 5825509
Conc: 49.28 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



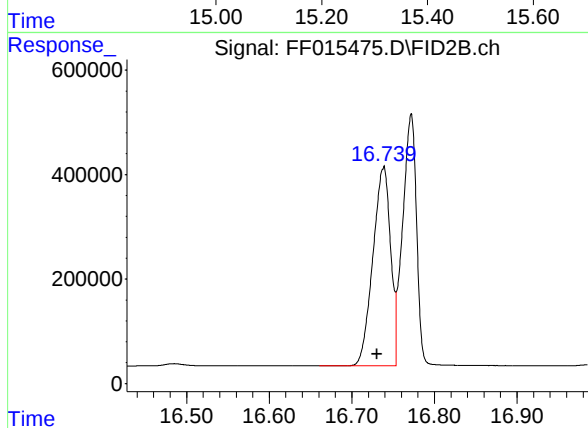
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.175 min
Delta R.T.: 0.005 min
Response: 5456103
Conc: 50.97 ug/ml



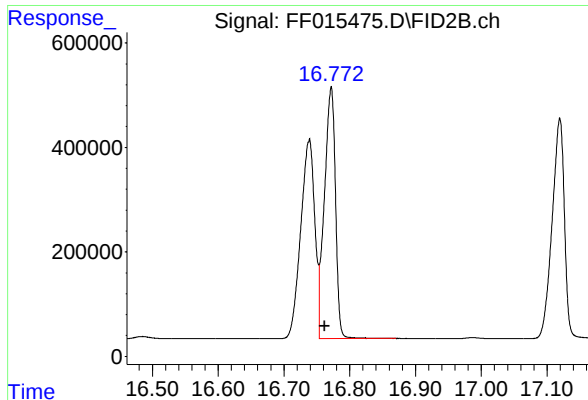
#15 Chrysene (C27.41)

R.T.: 15.219 min
Delta R.T.: 0.007 min
Response: 5612386
Conc: 48.53 ug/ml



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

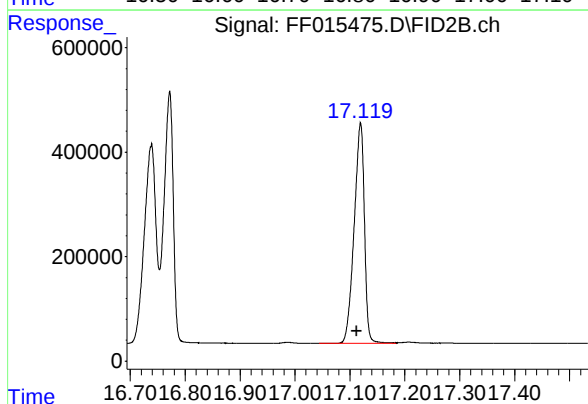
R.T.: 16.738 min
Delta R.T.: 0.008 min
Response: 5652142
Conc: 50.04 ug/ml



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

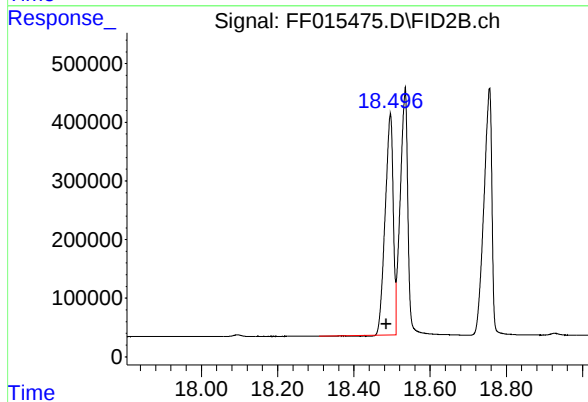
R.T.: 16.771 min
Delta R.T.: 0.010 min
Response: 5649513
Conc: 48.62 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



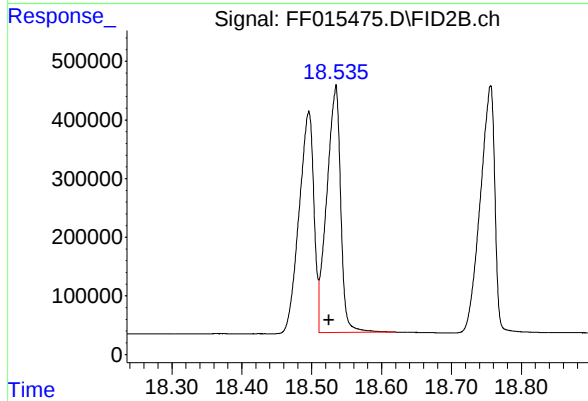
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.119 min
Delta R.T.: 0.007 min
Response: 5481404
Conc: 50.11 ug/ml



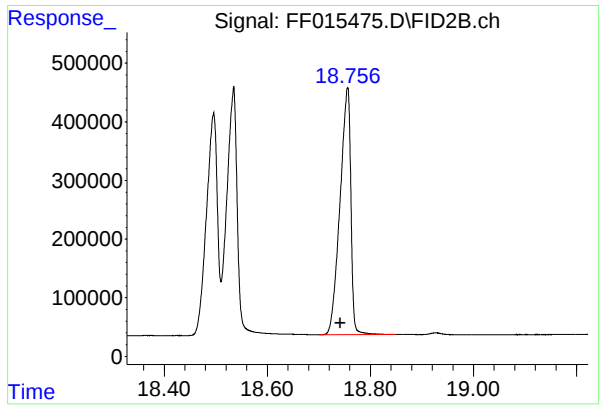
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.495 min
Delta R.T.: 0.010 min
Response: 5504431
Conc: 51.47 ug/ml



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

R.T.: 18.534 min
Delta R.T.: 0.009 min
Response: 5841179
Conc: 47.76 ug/ml



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

R.T.: 18.755 min

Delta R.T.: 0.014 min

Response: 6142251

Conc: 49.25 ug/ml

Instrument :

FID_F

ClientSampleId :

50 PPM AROMATIC HC STD2

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020525AR\
 Data File : FF015475.D
 Signal(s) : FID2B.ch
 Acq On : 05 Feb 2025 23:49
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.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	4.608	4.550	4.745	BB	668019	6658567	99.17%	5.364%
2	6.277	6.237	6.432	BB	683363	6714411	100.00%	5.409%
3	7.373	7.329	7.494	BV	632437	6480542	96.52%	5.221%
4	7.998	7.960	8.080	BV	571418	5823157	86.73%	4.691%
5	8.674	8.605	8.827	BB	647086	6558191	97.67%	5.283%
6	8.874	8.830	8.942	BV	359343	3813158	56.79%	3.072%
7	8.974	8.942	9.102	VB	623013	6442331	95.95%	5.190%
8	9.763	9.715	9.905	BB	586599	6361177	94.74%	5.125%
9	11.170	11.120	11.213	BV	538840	6006715	89.46%	4.839%
10	11.245	11.213	11.400	VBA	513359	5867251	87.38%	4.727%
11	11.936	11.867	12.004	BB	567818	6333925	94.33%	5.103%
12	12.993	12.951	13.112	PB	500827	5902080	87.90%	4.755%
13	13.292	13.240	13.333	BV	488490	5825509	86.76%	4.693%
14	15.175	15.095	15.195	BV	404482	5456103	81.26%	4.396%
15	15.219	15.195	15.340	VBA	470207	5612386	83.59%	4.522%
16	16.738	16.660	16.754	BV	380924	5652142	84.18%	4.554%
17	16.771	16.754	16.870	VBA	484834	5649513	84.14%	4.551%
18	17.119	17.044	17.184	BV	421336	5481404	81.64%	4.416%
19	18.495	18.309	18.510	BV	376580	5504431	81.98%	4.435%
20	18.534	18.510	18.620	VBA	415758	5841179	86.99%	4.706%
21	18.755	18.700	18.850	BBA	421865	6142251	91.48%	4.948%
Sum of corrected areas:						124126421		

Aromatic EPH 020525.M Thu Feb 06 05:39:08 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020525AR\
 Data File : FF015476.D
 Signal(s) : FID2B.ch
 Acq On : 06 Feb 2025 00:17
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: sample.E
 Quant Time: Feb 06 05:04:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 05:02:08 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...	7.997	2315654	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.872	1483515	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.934	2540058	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.607	2681578	20.000 ug/ml
2) T Naphthalene (C11.7)	6.276	2677265	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.370	2577084	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.671	2622826	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.970	2584855	20.000 ug/ml
8) T Fluorene (C16.55)	9.760	2513751	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.166	2360869	20.000 ug/ml
10) T Anthracene (C19.43)	11.242	2329692	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.988	2357152	20.000 ug/ml
13) T Pyrene (C20.8)	13.287	2364312	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.170	2140814	20.000 ug/ml
15) T Chrysene (C27.41)	15.212	2313046	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.731	2258933	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.762	2324033	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.112	2187759	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.485	2138844	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.525	2446194	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.741	2494364	20.000 ug/ml

(f)=RT Delta > 1/2 Window

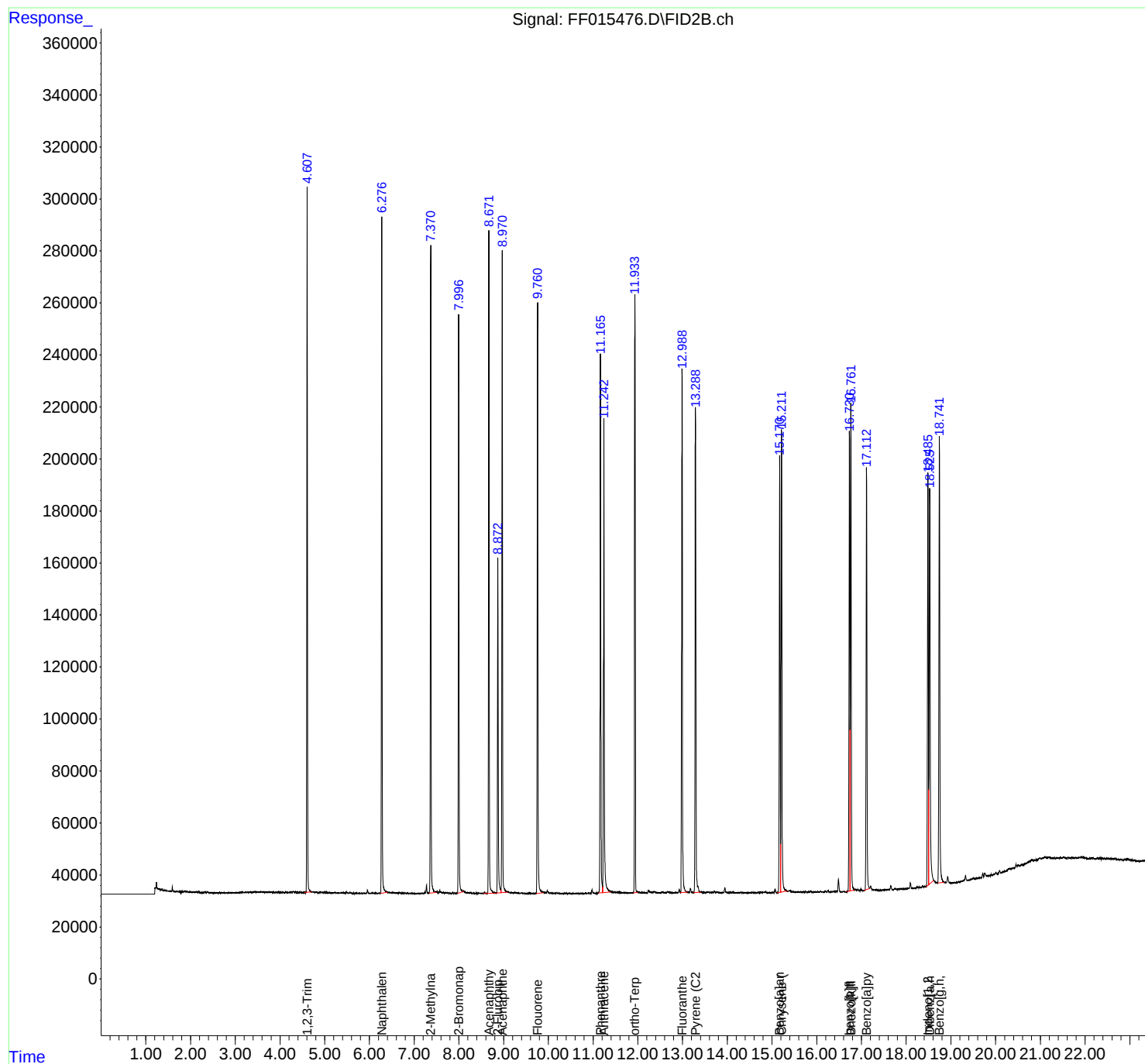
(m)=manual int.

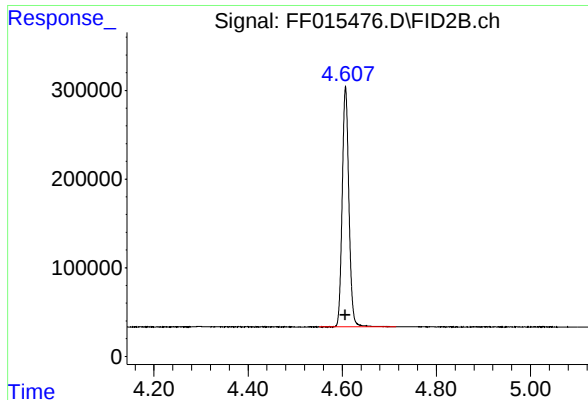
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020525AR\
Data File : FF015476.D
Signal(s) : FID2B.ch
Acq On : 06 Feb 2025 00:17
Operator : YP\AJ
Sample : 20 PPM AROMATIC HC STD3
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3

Integration File: sample.E
Quant Time: Feb 06 05:04:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.M
Quant Title : GC Extractables
QLast Update : Thu Feb 06 05:02:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

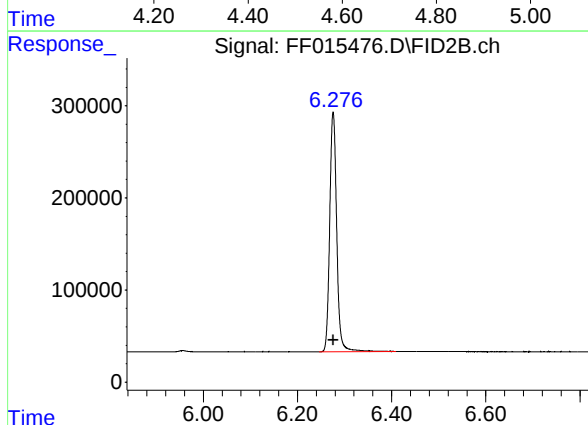




#1 1,2,3-Trimethylbenzene (C10.1)

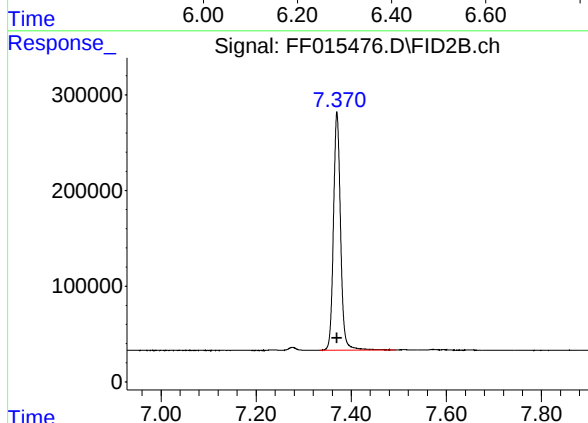
R.T.: 4.607 min
Delta R.T.: 0.000 min
Response: 2681578
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



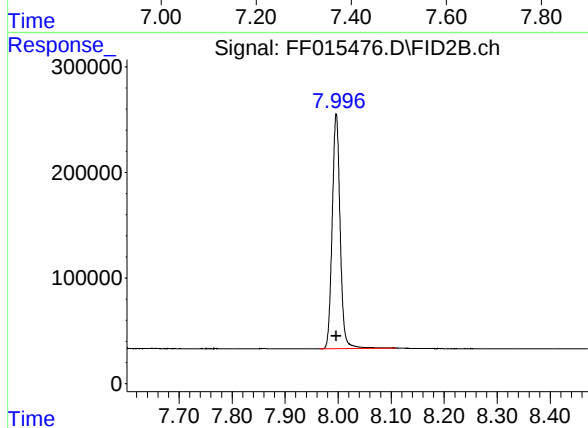
#2 Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 2677265
Conc: 20.00 ug/ml



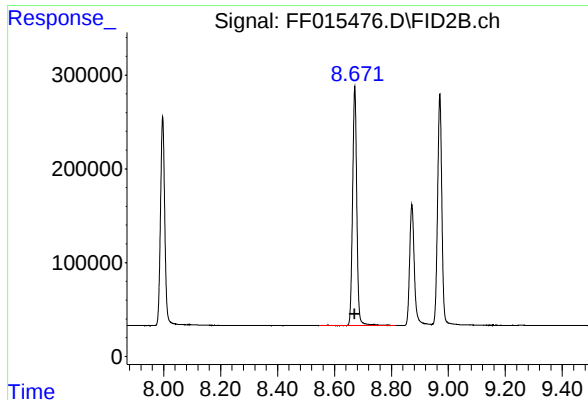
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.370 min
Delta R.T.: 0.000 min
Response: 2577084
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

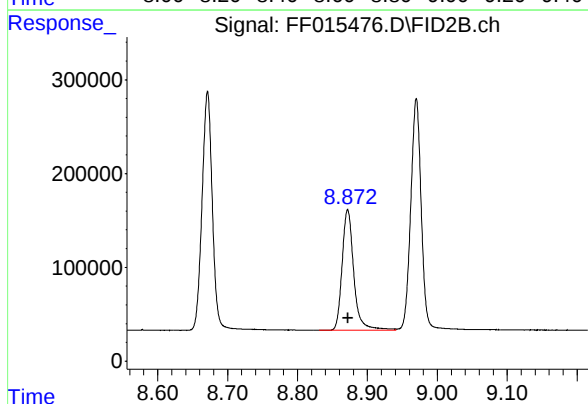
R.T.: 7.997 min
Delta R.T.: 0.000 min
Response: 2315654
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

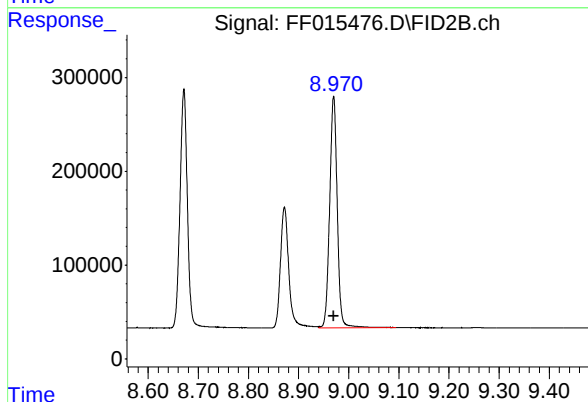
R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 2622826
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



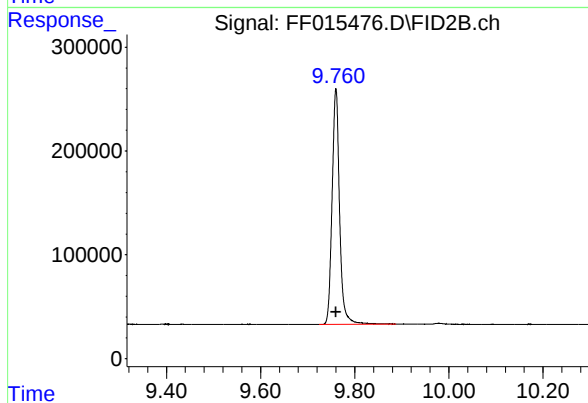
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.872 min
Delta R.T.: 0.000 min
Response: 1483515
Conc: 20.00 ug/ml



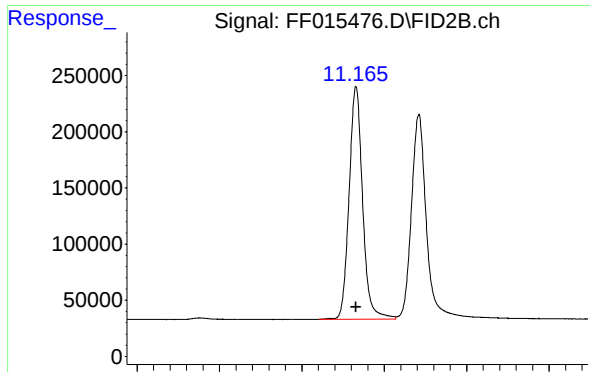
#7 Acenaphthene (C15.5)

R.T.: 8.970 min
Delta R.T.: 0.000 min
Response: 2584855
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

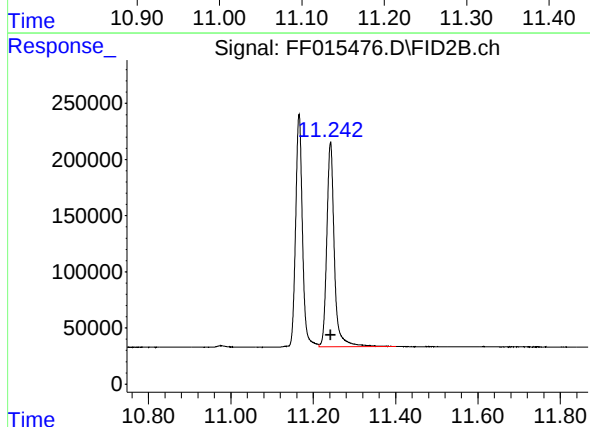
R.T.: 9.760 min
Delta R.T.: 0.000 min
Response: 2513751
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

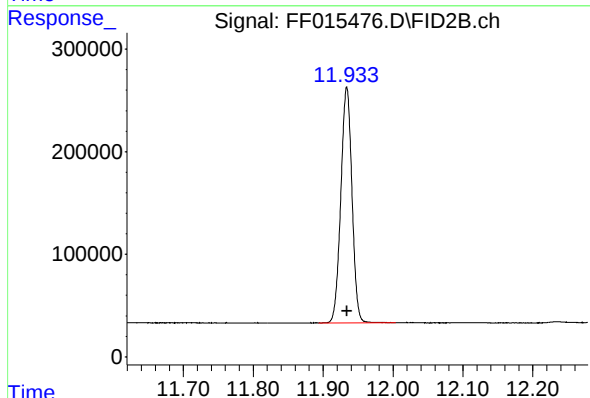
R.T.: 11.166 min
Delta R.T.: 0.000 min
Response: 2360869
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



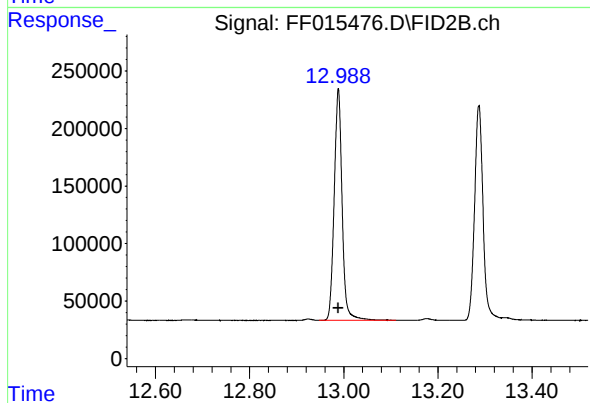
#10 Anthracene (C19.43)

R.T.: 11.242 min
Delta R.T.: 0.000 min
Response: 2329692
Conc: 20.00 ug/ml



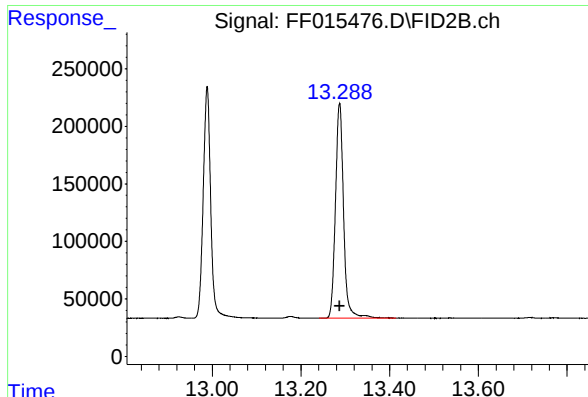
#11 ortho-Terphenyl (SURR)

R.T.: 11.934 min
Delta R.T.: 0.000 min
Response: 2540058
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

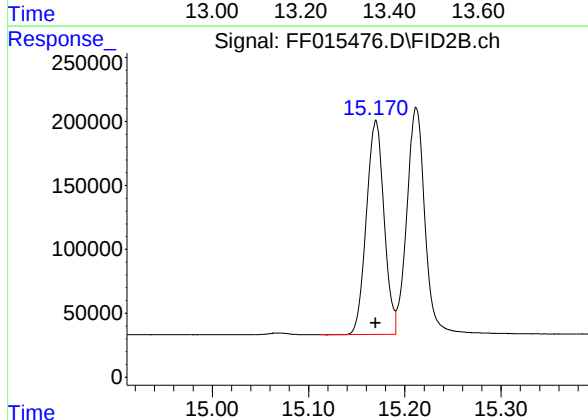
R.T.: 12.988 min
Delta R.T.: 0.000 min
Response: 2357152
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

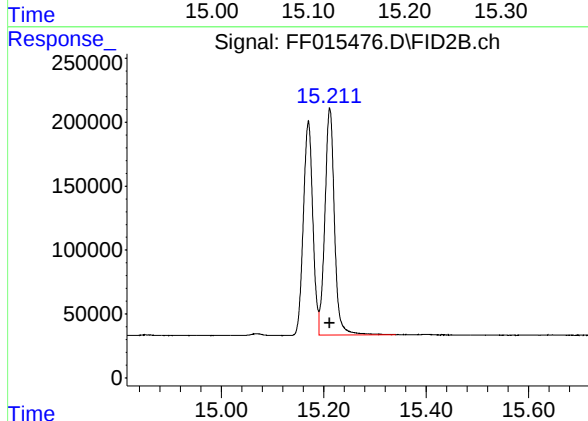
R.T.: 13.287 min
Delta R.T.: 0.000 min
Response: 2364312
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



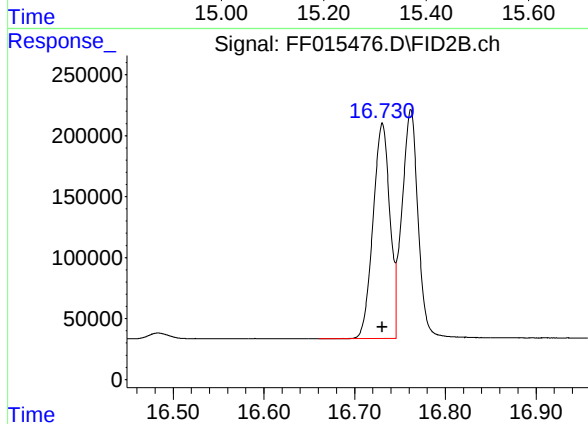
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.170 min
Delta R.T.: 0.000 min
Response: 2140814
Conc: 20.00 ug/ml



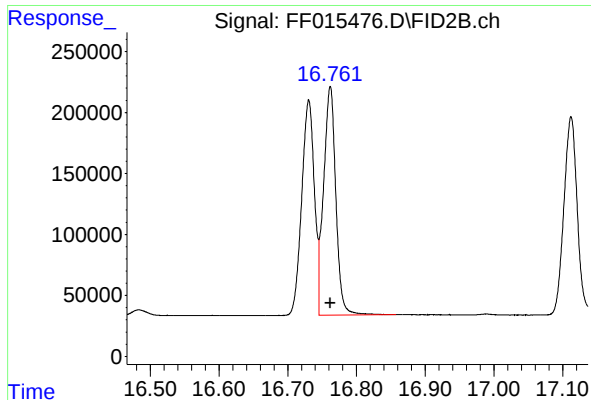
#15 Chrysene (C27.41)

R.T.: 15.212 min
Delta R.T.: 0.000 min
Response: 2313046
Conc: 20.00 ug/ml



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

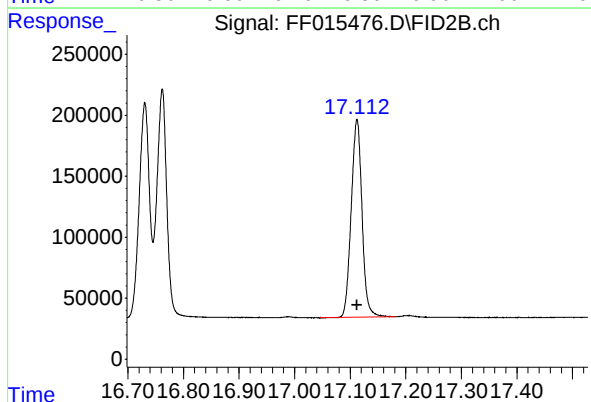
R.T.: 16.731 min
Delta R.T.: 0.000 min
Response: 2258933
Conc: 20.00 ug/ml



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

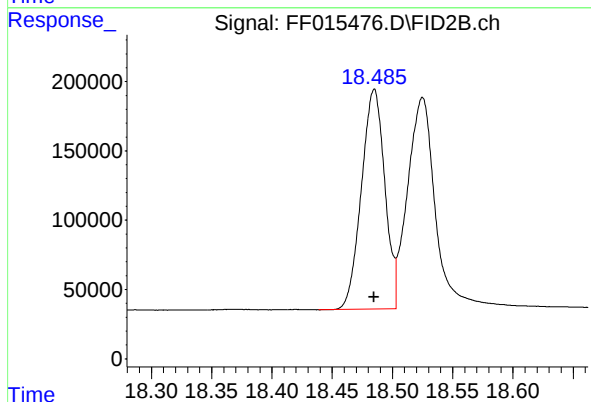
R.T.: 16.762 min
Delta R.T.: 0.000 min
Response: 2324033
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



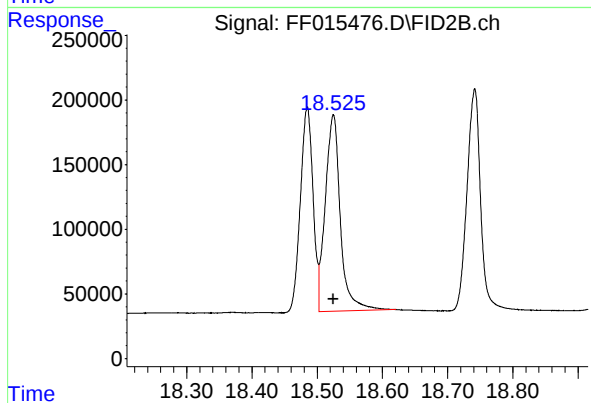
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.112 min
Delta R.T.: 0.000 min
Response: 2187759
Conc: 20.00 ug/ml



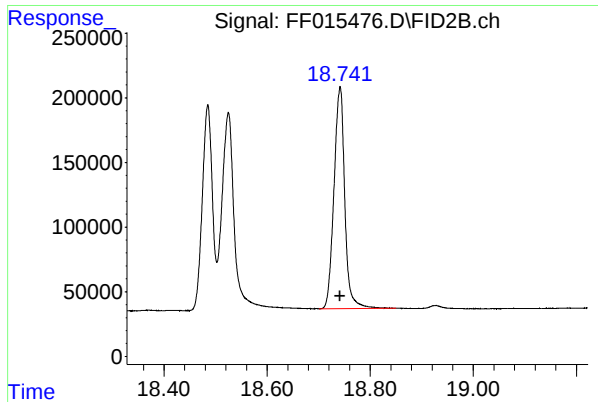
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.485 min
Delta R.T.: 0.000 min
Response: 2138844
Conc: 20.00 ug/ml



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

R.T.: 18.525 min
Delta R.T.: 0.000 min
Response: 2446194
Conc: 20.00 ug/ml



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

R.T.: 18.741 min
Delta R.T.: 0.000 min
Response: 2494364
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\FF020525AR\
 Data File : FF015476.D
 Signal(s) : FID2B.ch
 Acq On : 06 Feb 2025 00:17
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.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	4.551	4.714	BB	271023	2681578	100.00%	5.394%
2	6.276	6.246	6.409	BB	259789	2677265	99.84%	5.385%
3	7.370	7.332	7.494	BV	247768	2577084	96.10%	5.184%
4	7.997	7.964	8.109	BB	222845	2315654	86.35%	4.658%
5	8.671	8.546	8.816	BB	254782	2622826	97.81%	5.276%
6	8.872	8.831	8.941	BV	128472	1483515	55.32%	2.984%
7	8.970	8.941	9.094	VB	247637	2584855	96.39%	5.200%
8	9.760	9.724	9.887	BB	227549	2513751	93.74%	5.057%
9	11.166	11.121	11.214	BV	207453	2360869	88.04%	4.749%
10	11.242	11.214	11.401	VBA	182659	2329692	86.88%	4.686%
11	11.934	11.894	12.004	BB	230033	2540058	94.72%	5.109%
12	12.988	12.947	13.111	PB	202230	2357152	87.90%	4.742%
13	13.287	13.241	13.414	BB	186608	2364312	88.17%	4.756%
14	15.170	15.111	15.191	BV	166762	2140814	79.83%	4.306%
15	15.212	15.191	15.341	VBA	177262	2313046	86.26%	4.653%
16	16.731	16.661	16.746	BV	176917	2258933	84.24%	4.544%
17	16.762	16.746	16.857	VB	188214	2324033	86.67%	4.675%
18	17.112	17.044	17.182	BV	162586	2187759	81.58%	4.401%
19	18.485	18.439	18.503	PV	158054	2138844	79.76%	4.302%
20	18.525	18.503	18.621	VBA	151936	2446194	91.22%	4.921%
21	18.741	18.701	18.850	BBA	171266	2494364	93.02%	5.018%
Sum of corrected areas:						49712599		

Aromatic EPH 020525.M Thu Feb 06 05:39:55 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020525AR\
 Data File : FF015477.D
 Signal(s) : FID2B.ch
 Acq On : 06 Feb 2025 00:46
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :Ankita Jodhani 02/06/2025

Integration File: sample.E
 Quant Time: Feb 06 05:05:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 05:02:08 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...	7.997	1237505	10.688 ug/ml
Spiked Amount 50.000		Recovery =	21.38%
6) S 2-Fluorobiphenyl (SURR)	8.873	777656	10.484 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.97%
11) S ortho-Terphenyl (SURR)	11.933	1391037	10.953 ug/ml
Spiked Amount 50.000		Recovery =	21.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.608	1454679	10.849 ug/ml
2) T Naphthalene (C11.7)	6.276	1436828	10.734 ug/ml
3) T 2-Methylnaphthalene (...)	7.371	1386605	10.761 ug/ml
5) T Acenaphthylene (C15.06)	8.671	1421455	10.839 ug/ml
7) T Acenaphthene (C15.5)	8.970	1404549	10.868 ug/ml
8) T Fluorene (C16.55)	9.760	1356184	10.790 ug/ml
9) T Phenanthrene (C19.36)	11.166	1258288	10.660 ug/ml
10) T Anthracene (C19.43)	11.242	1254510	10.770 ug/ml
12) T Fluoranthene (C21.85)	12.988	1271947	10.792 ug/ml
13) T Pyrene (C20.8)	13.287	1281838	10.843 ug/ml
14) T Benzo[a]anthracene (C...	15.169	1114603	10.413 ug/ml
15) T Chrysene (C27.41)	15.211	1273778	11.014 ug/ml
16) T benzo[b]fluoranthene ...	16.729	1205904	10.677 ug/ml
17) T Bnezo[k]fluoranthene ...	16.759	1291485	11.114 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.111	1176331	10.754 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.484	1127231	10.541 ug/mlm
20) T Dibenz[a,h]anthracene...	18.523	1336743	10.929 ug/ml
21) T Benzo[g,h,i]perylene ...	18.737	1349156	10.818 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020525AR\
Data File : FF015477.D
Signal(s) : FID2B.ch
Acq On : 06 Feb 2025 00:46
Operator : YP\AJ
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 24 Sample Multiplier: 1

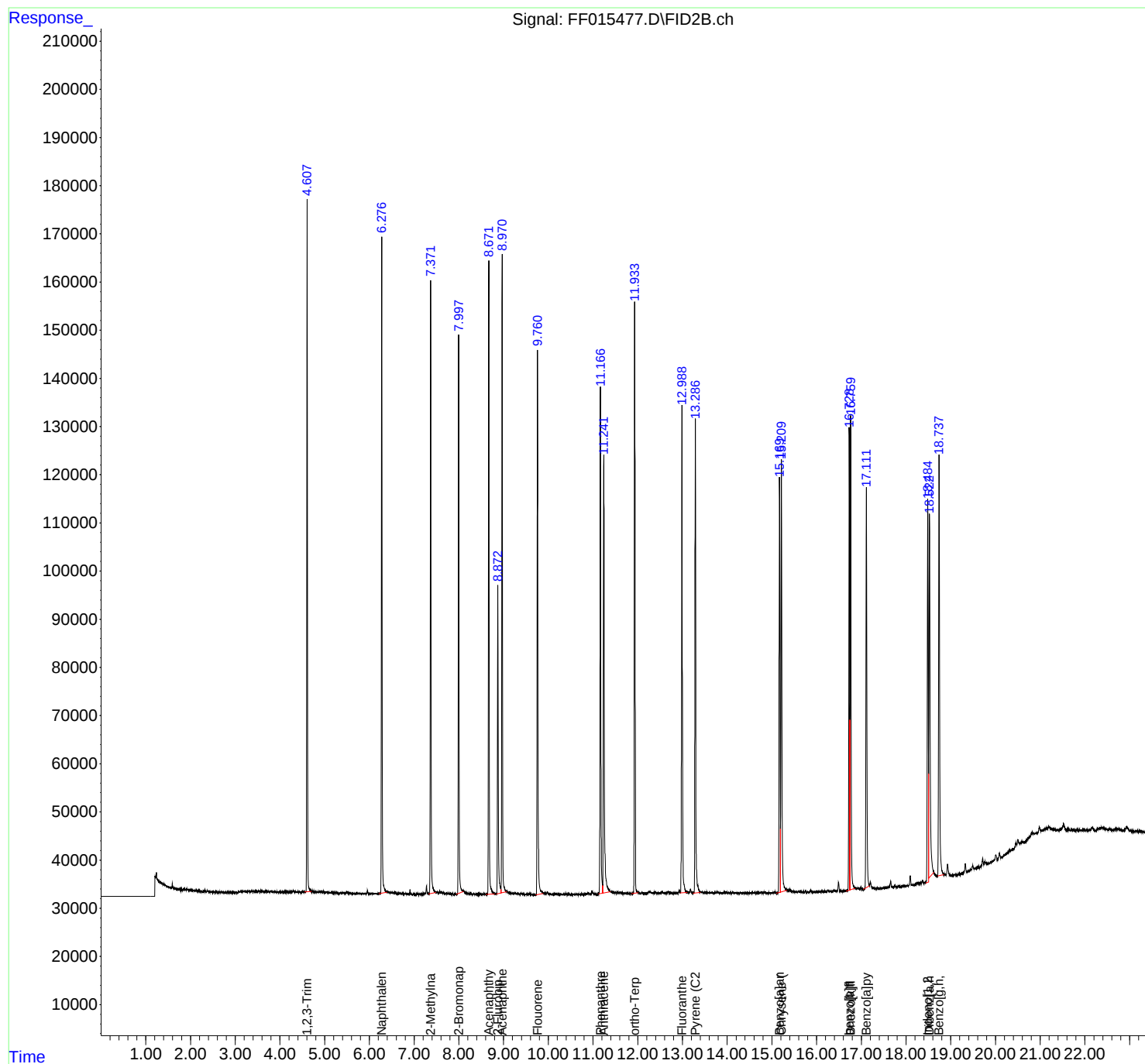
Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4

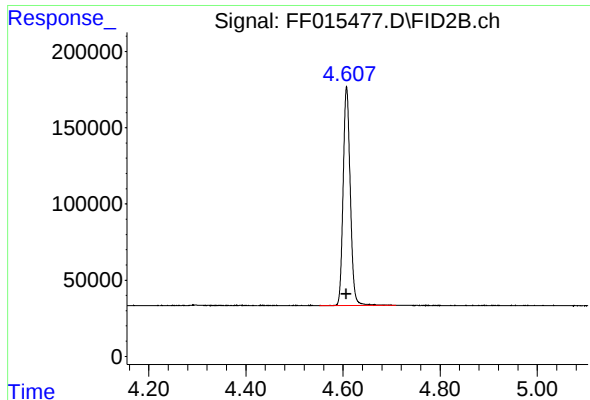
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :Ankita Jodhani 02/06/2025

Integration File: sample.E
Quant Time: Feb 06 05:05:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.M
Quant Title : GC Extractables
QLast Update : Thu Feb 06 05:02:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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





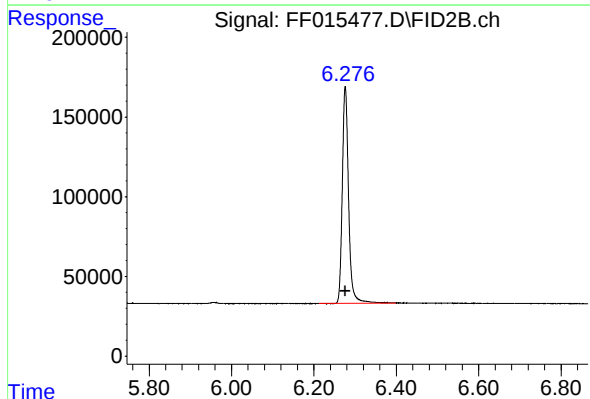
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.608 min
Delta R.T.: 0.000 min
Response: 1454679
Conc: 10.85 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4

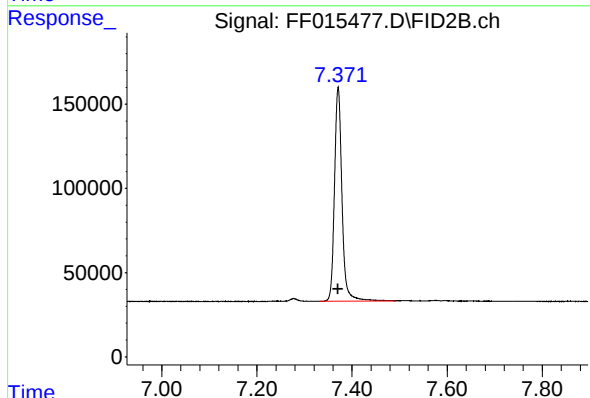
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :Ankita Jodhani 02/06/2025



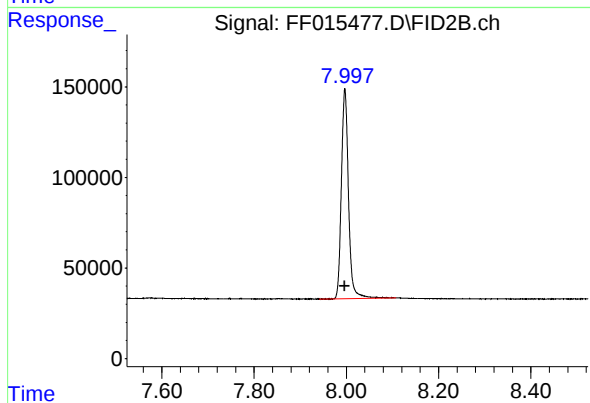
#2 Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 1436828
Conc: 10.73 ug/ml



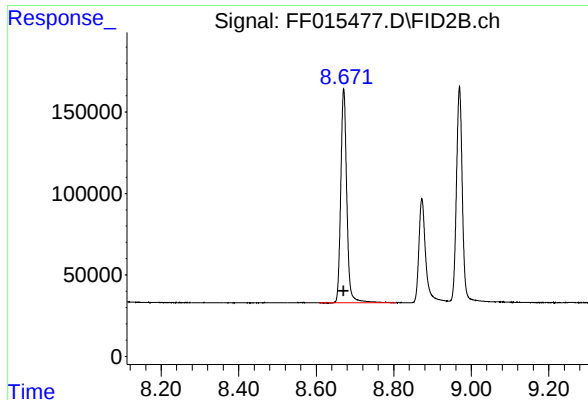
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 1386605
Conc: 10.76 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.997 min
Delta R.T.: 0.000 min
Response: 1237505
Conc: 10.69 ug/ml



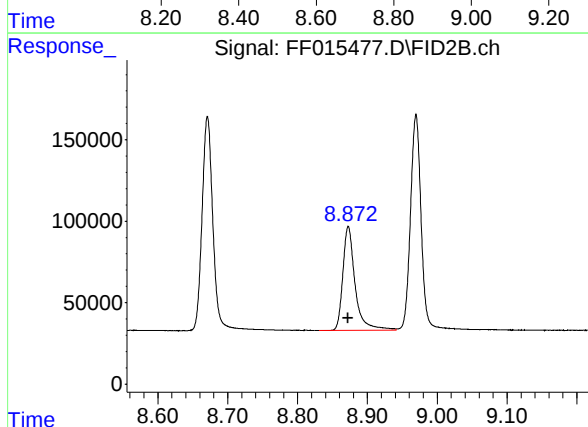
#5 Acenaphthylene (C15.06)

R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 1421455
Conc: 10.84 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4

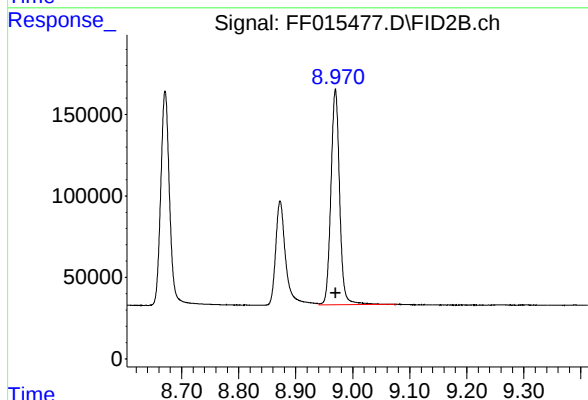
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :Ankita Jodhani 02/06/2025



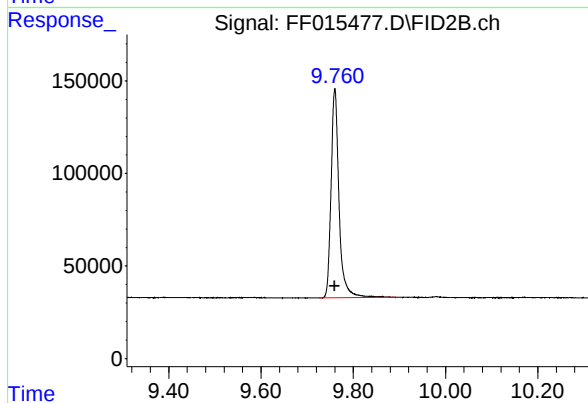
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.873 min
Delta R.T.: 0.000 min
Response: 777656
Conc: 10.48 ug/ml



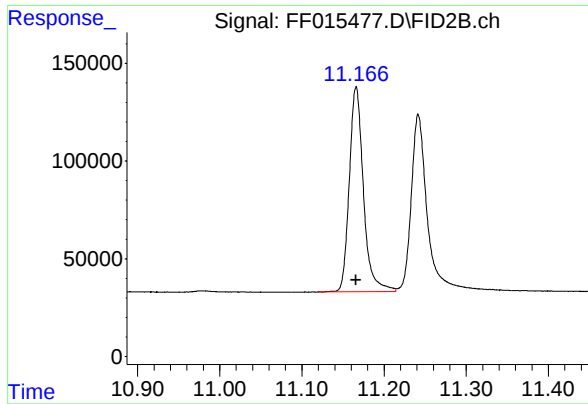
#7 Acenaphthene (C15.5)

R.T.: 8.970 min
Delta R.T.: 0.000 min
Response: 1404549
Conc: 10.87 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.760 min
Delta R.T.: 0.000 min
Response: 1356184
Conc: 10.79 ug/ml



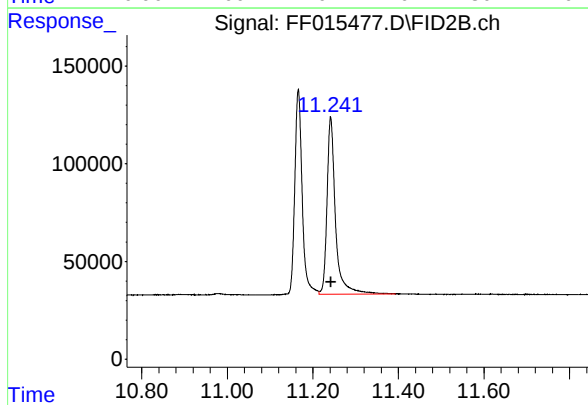
#9 Phenanthrene (C19.36)

R.T.: 11.166 min
Delta R.T.: 0.000 min
Response: 1258288
Conc: 10.66 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4

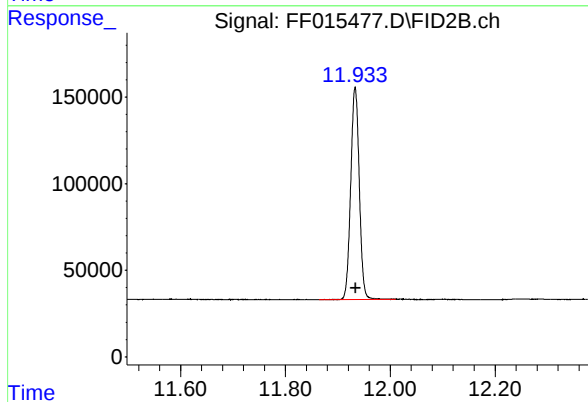
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :Ankita Jodhani 02/06/2025



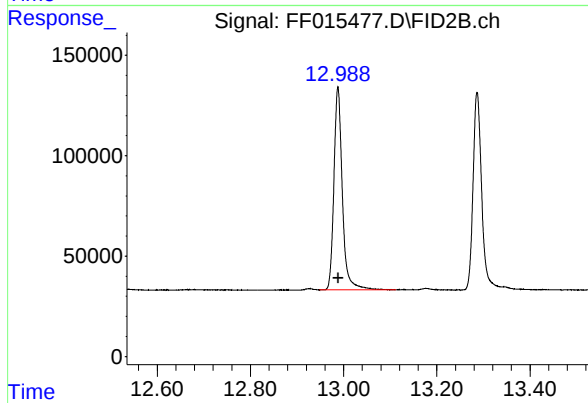
#10 Anthracene (C19.43)

R.T.: 11.242 min
Delta R.T.: 0.000 min
Response: 1254510
Conc: 10.77 ug/ml



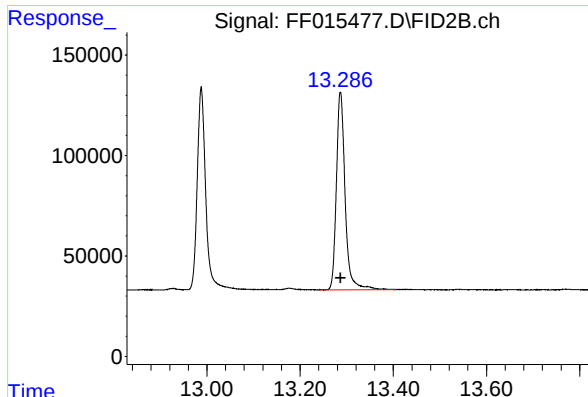
#11 ortho-Terphenyl (SURR)

R.T.: 11.933 min
Delta R.T.: 0.000 min
Response: 1391037
Conc: 10.95 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.988 min
Delta R.T.: 0.000 min
Response: 1271947
Conc: 10.79 ug/ml



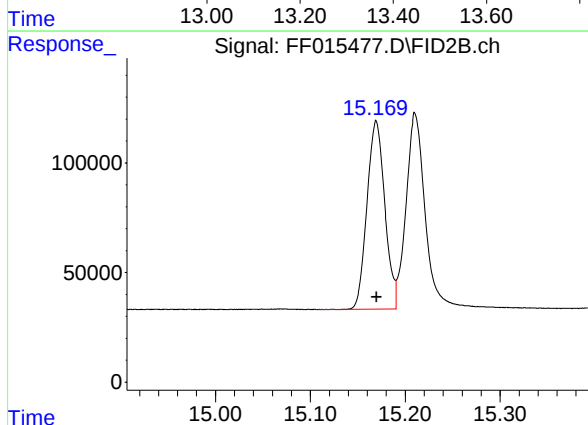
#13 Pyrene (C20.8)

R.T.: 13.287 min
Delta R.T.: 0.000 min
Response: 1281838
Conc: 10.84 ug/ml

Instrument : FID_F
ClientSampleId : 10 PPM AROMATIC HC STD4

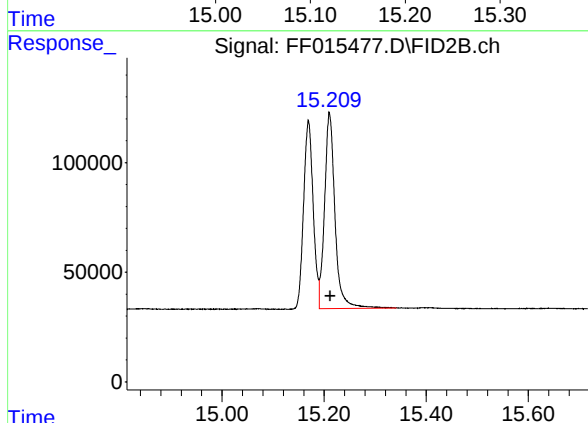
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :Ankita Jodhani 02/06/2025



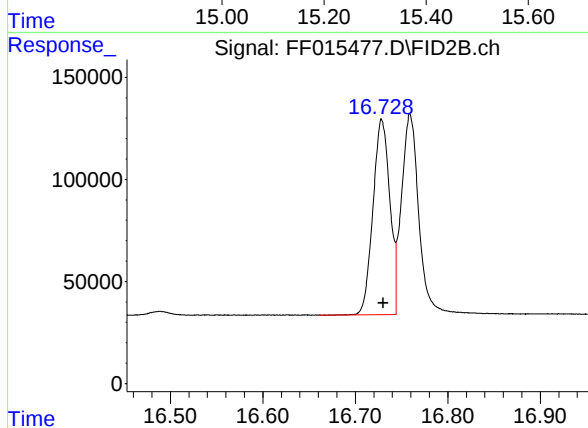
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.169 min
Delta R.T.: 0.000 min
Response: 1114603
Conc: 10.41 ug/ml



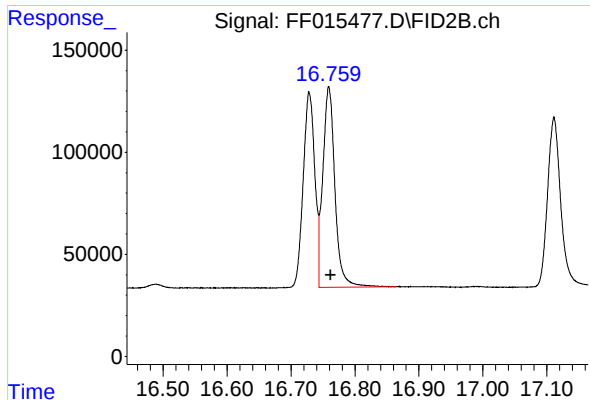
#15 Chrysene (C27.41)

R.T.: 15.211 min
Delta R.T.: -0.001 min
Response: 1273778
Conc: 11.01 ug/ml



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

R.T.: 16.729 min
Delta R.T.: -0.002 min
Response: 1205904
Conc: 10.68 ug/ml



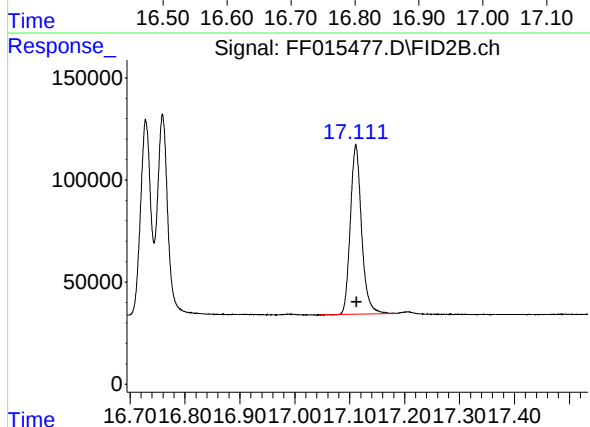
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.759 min
Delta R.T.: -0.003 min
Response: 1291485
Conc: 11.11 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4

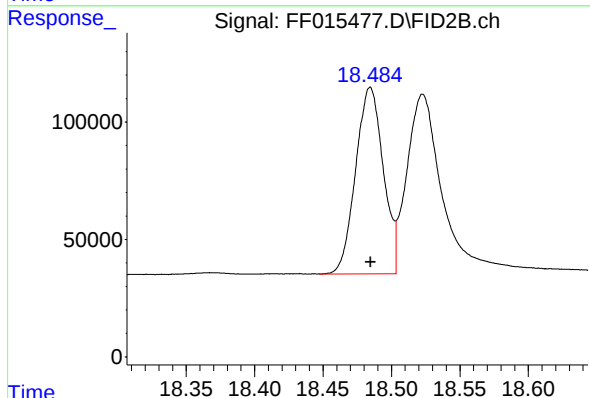
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :Ankita Jodhani 02/06/2025



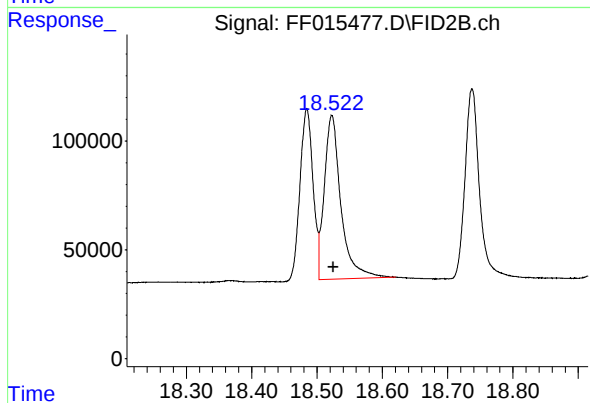
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.111 min
Delta R.T.: -0.001 min
Response: 1176331
Conc: 10.75 ug/ml



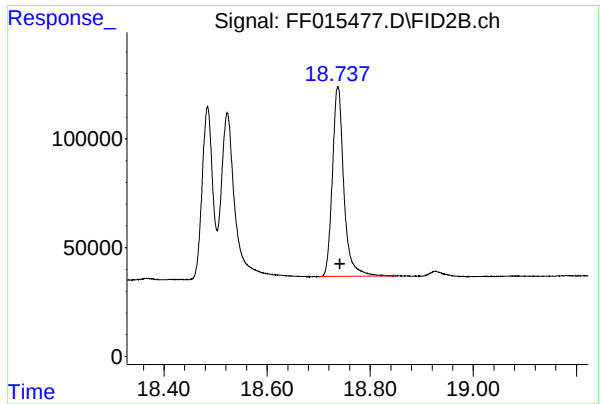
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.484 min
Delta R.T.: 0.000 min
Response: 1127231
Conc: 10.54 ug/ml m



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

R.T.: 18.523 min
Delta R.T.: -0.002 min
Response: 1336743
Conc: 10.93 ug/ml



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

R.T.: 18.737 min
Delta R.T.: -0.004 min
Response: 1349156
Conc: 10.82 ug/ml

Instrument :

FID_F

ClientSampleId :

10 PPM AROMATIC HC STD4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :Ankita Jodhani 02/06/2025

rters

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

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :Ankita Jodhani 02/06/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF02052
Data File : FF015477.D
Signal(s) : FID2B.ch
Acq On : 06 Feb 2025 00:46
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 24 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.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	4.608	4.551	4.709	BB	143502	1454679	100.00%	5.434%
2	6.276	6.212	6.399	BB	136044	1436828	98.77%	5.367%
3	7.371	7.331	7.492	BB	127000	1386605	95.32%	5.179%
4	7.997	7.941	8.107	BB	116137	1237505	85.07%	4.622%
5	8.671	8.607	8.806	BB	131556	1421455	97.72%	5.310%
6	8.873	8.831	8.941	BV	63913	777656	53.46%	2.905%
7	8.970	8.941	9.076	VB	131988	1404549	96.55%	5.246%
8	9.760	9.726	9.892	BB	113270	1356184	93.23%	5.066%
9	11.166	11.121	11.214	BV	104853	1258288	86.50%	4.700%
10	11.242	11.214	11.394	VB	90360	1254510	86.24%	4.686%
11	11.933	11.864	12.011	BB	122412	1391037	95.63%	5.196%
12	12.988	12.947	13.112	VB	100932	1271947	87.44%	4.751%
13	13.287	13.241	13.406	BB	98568	1281838	88.12%	4.788%
14	15.169	15.109	15.190	BV	86028	1114603	76.62%	4.163%
15	15.211	15.190	15.341	VBA	88997	1273778	87.56%	4.758%
16	16.729	16.661	16.744	BV	95092	1205904	82.90%	4.504%
17	16.759	16.744	16.864	VB	98394	1291485	88.78%	4.824%
18	17.111	17.044	17.184	BV	82844	1176331	80.87%	4.394%
19	18.484	18.417	18.503	BV	78781	1090481	74.96%	4.073%
20	18.523	18.503	18.621	VBA	75534	1336743	91.89%	4.993%
21	18.737	18.701	18.850	BBA	87396	1349156	92.75%	5.040%
Sum of corrected areas:						26771562		

Aromatic EPH 020525.M Thu Feb 06 05:40:30 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020525AR\
 Data File : FF015478.D
 Signal(s) : FID2B.ch
 Acq On : 06 Feb 2025 01:14
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/06/2025
 Supervised By :Ankita Jodhani 02/06/2025

Integration File: sample.E
 Quant Time: Feb 06 05:05:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 05:02:08 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...	7.997	613728	5.301 ug/ml
Spiked Amount 50.000		Recovery =	10.60%
6) S 2-Fluorobiphenyl (SURR)	8.875	374014	5.042 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.08%
11) S ortho-Terphenyl (SURR)	11.932	707703	5.572 ug/ml
Spiked Amount 50.000		Recovery =	11.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.608	742453	5.537 ug/ml
2) T Naphthalene (C11.7)	6.277	718999	5.371 ug/ml
3) T 2-Methylnaphthalene (...)	7.371	692891	5.377 ug/ml
5) T Acenaphthylene (C15.06)	8.671	709723	5.412 ug/ml
7) T Acenaphthene (C15.5)	8.969	730856	5.655 ug/ml
8) T Fluorene (C16.55)	9.760	673789	5.361 ug/ml
9) T Phenanthrene (C19.36)	11.167	619613	5.249 ug/ml
10) T Anthracene (C19.43)	11.244	628678	5.397 ug/ml
12) T Fluoranthene (C21.85)	12.989	640439	5.434 ug/ml
13) T Pyrene (C20.8)	13.287	650441	5.502 ug/ml
14) T Benzo[a]anthracene (C...	15.171	543820	5.080 ug/mlm
15) T Chrysene (C27.41)	15.212	654073	5.656 ug/ml
16) T benzo[b]fluoranthene ...	16.730	591146	5.234 ug/ml
17) T Bnezo[k]fluoranthene ...	16.760	672811	5.790 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.114	582993	5.330 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.485	533593	4.990 ug/mlm
20) T Dibenz[a,h]anthracene...	18.527	677070	5.536 ug/ml
21) T Benzo[g,h,i]perylene ...	18.739	684919	5.492 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020525AR\
Data File : FF015478.D
Signal(s) : FID2B.ch
Acq On : 06 Feb 2025 01:14
Operator : YP\AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 25 Sample Multiplier: 1

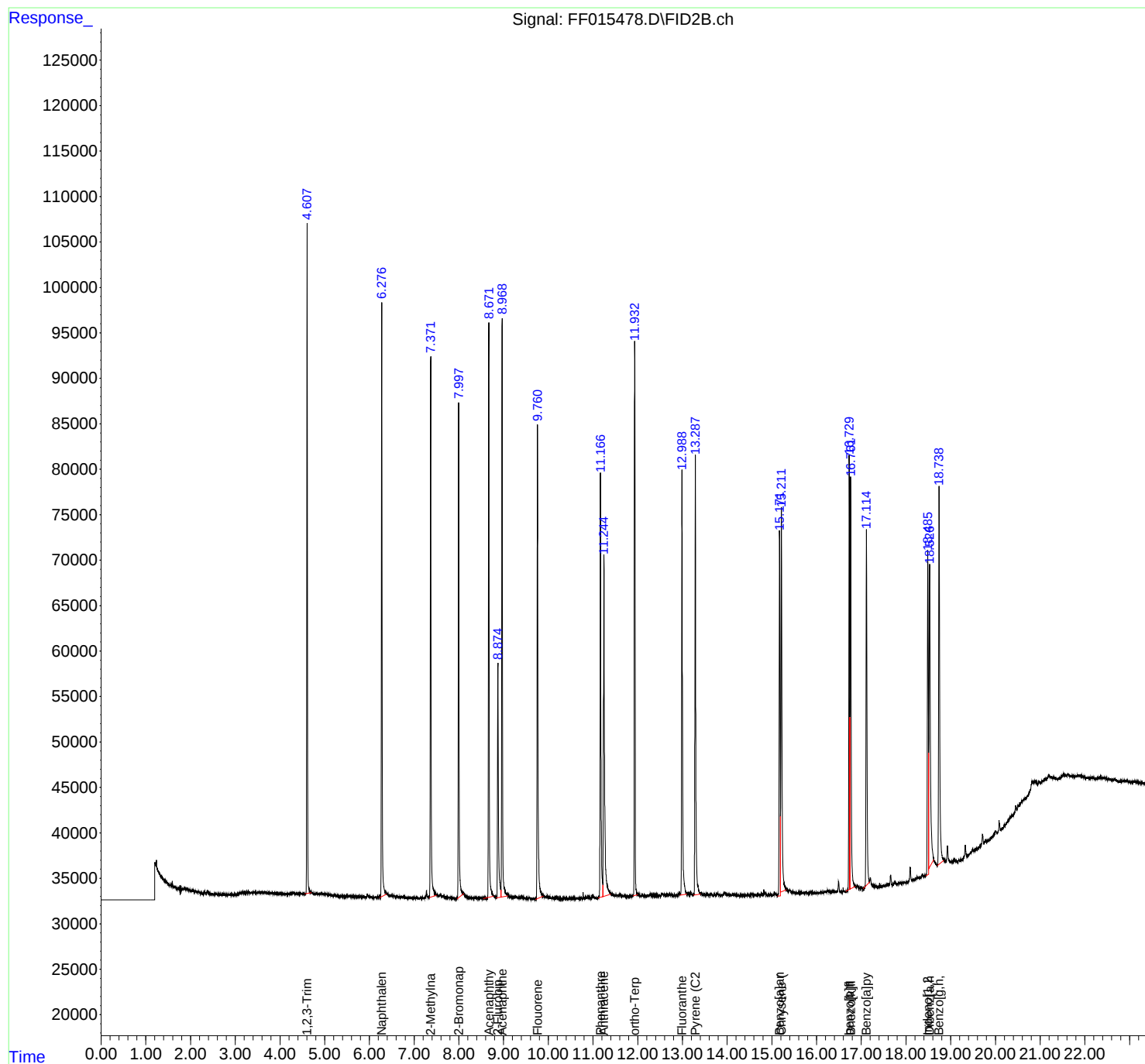
Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

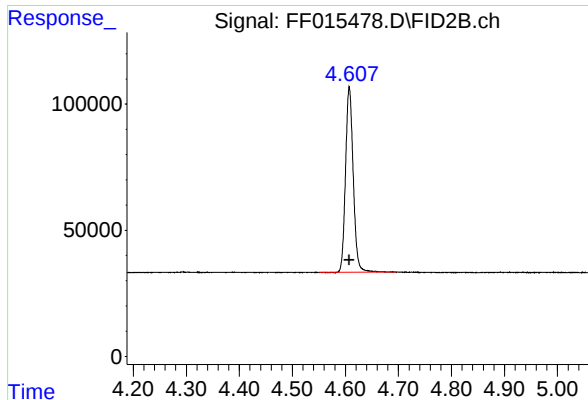
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :Ankita Jodhani 02/06/2025

Integration File: sample.E
Quant Time: Feb 06 05:05:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.M
Quant Title : GC Extractables
QLast Update : Thu Feb 06 05:02:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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





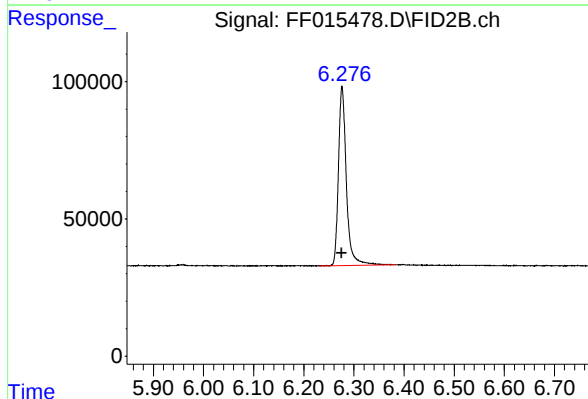
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.608 min
Delta R.T.: 0.000 min
Response: 742453
Conc: 5.54 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

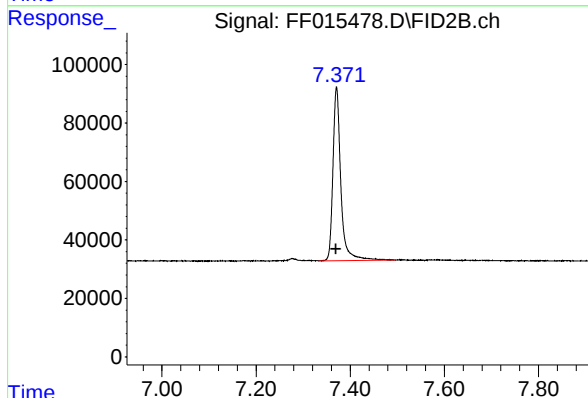
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :Ankita Jodhani 02/06/2025



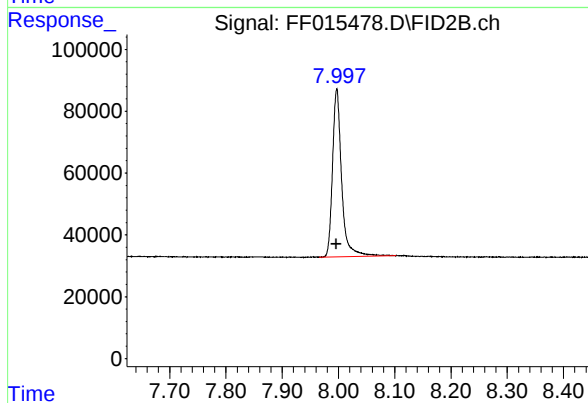
#2 Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 718999
Conc: 5.37 ug/ml



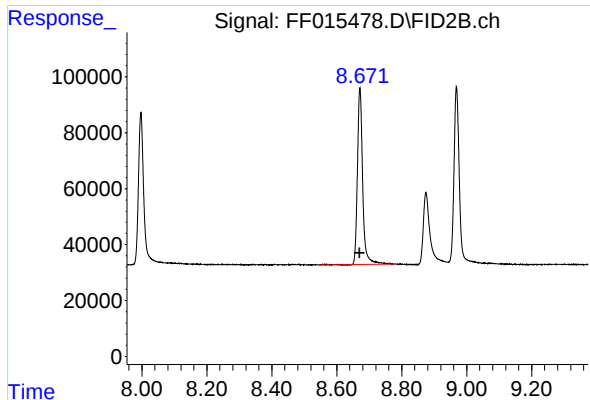
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 692891
Conc: 5.38 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.997 min
Delta R.T.: 0.000 min
Response: 613728
Conc: 5.30 ug/ml



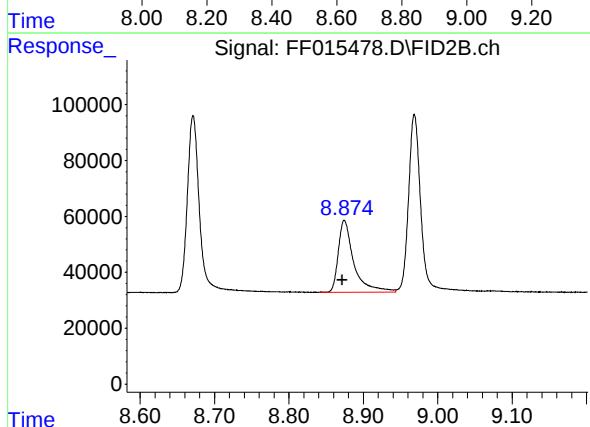
#5 Acenaphthylene (C15.06)

R.T.: 8.671 min
Delta R.T.: 0.000 min
Response: 709723
Conc: 5.41 ug/ml

Instrument : FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

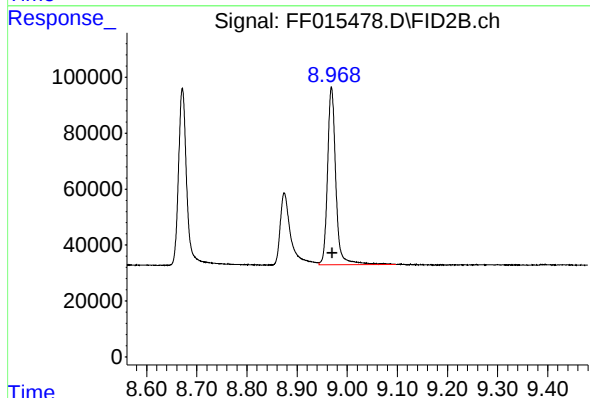
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :Ankita Jodhani 02/06/2025



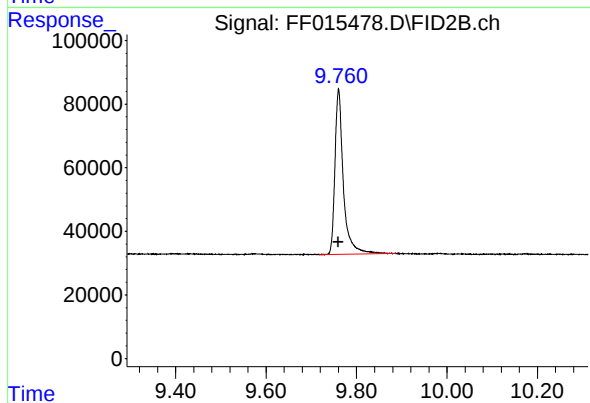
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.875 min
Delta R.T.: 0.003 min
Response: 374014
Conc: 5.04 ug/ml



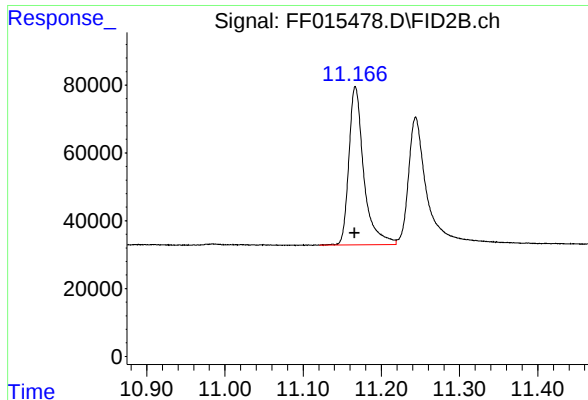
#7 Acenaphthene (C15.5)

R.T.: 8.969 min
Delta R.T.: -0.001 min
Response: 730856
Conc: 5.65 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.760 min
Delta R.T.: 0.000 min
Response: 673789
Conc: 5.36 ug/ml



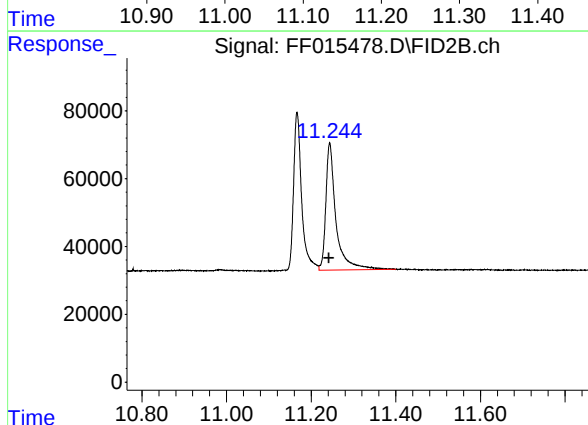
#9 Phenanthrene (C19.36)

R.T.: 11.167 min
Delta R.T.: 0.001 min
Response: 619613
Conc: 5.25 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

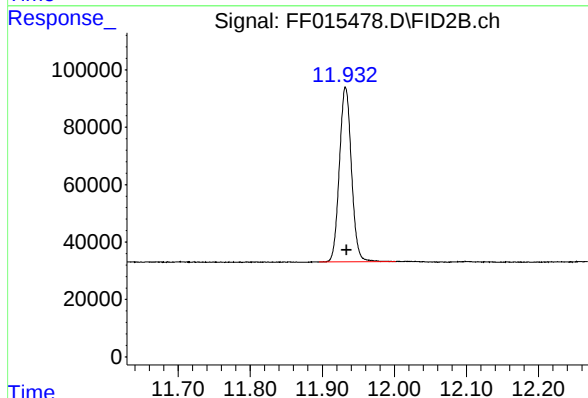
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :Ankita Jodhani 02/06/2025



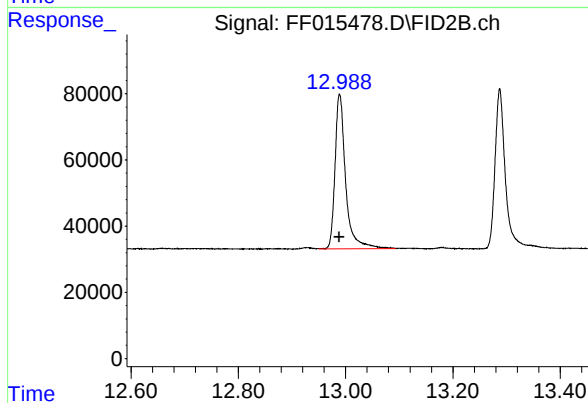
#10 Anthracene (C19.43)

R.T.: 11.244 min
Delta R.T.: 0.002 min
Response: 628678
Conc: 5.40 ug/ml



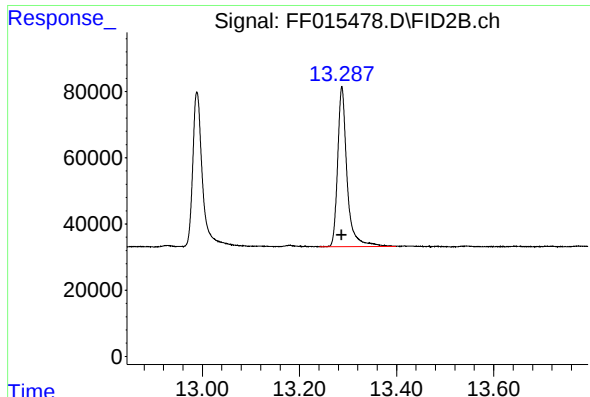
#11 ortho-Terphenyl (SURR)

R.T.: 11.932 min
Delta R.T.: -0.002 min
Response: 707703
Conc: 5.57 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.989 min
Delta R.T.: 0.000 min
Response: 640439
Conc: 5.43 ug/ml



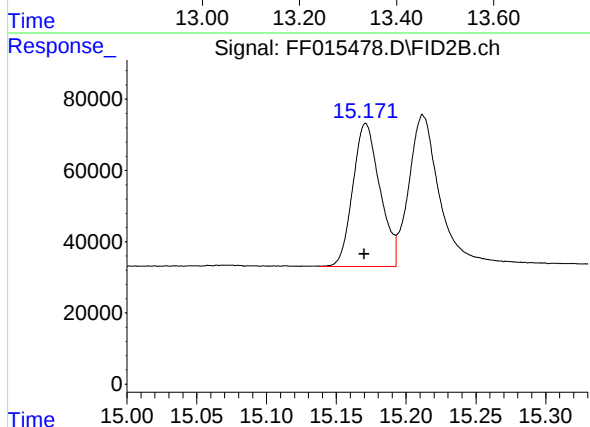
#13 Pyrene (C20.8)

R.T.: 13.287 min
Delta R.T.: 0.000 min
Response: 650441
Conc: 5.50 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

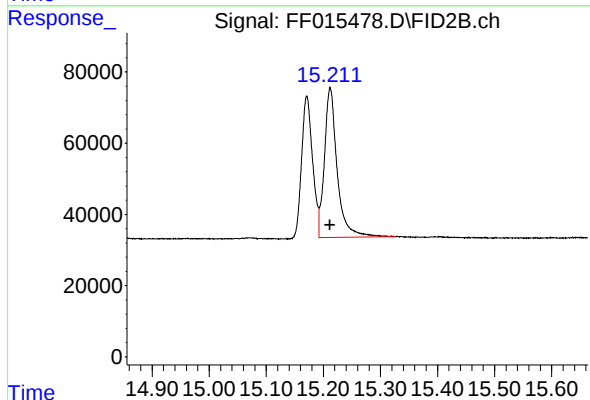
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :Ankita Jodhani 02/06/2025



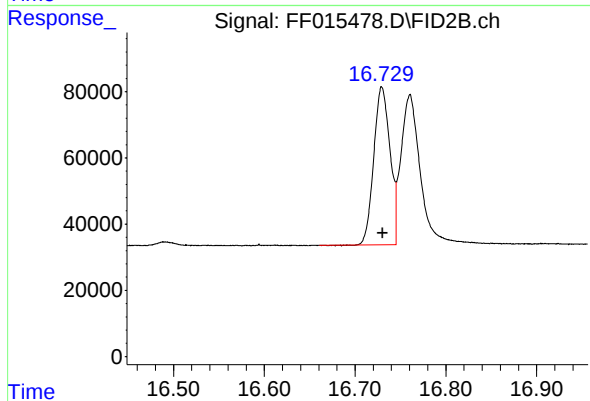
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.171 min
Delta R.T.: 0.001 min
Response: 543820
Conc: 5.08 ug/ml m



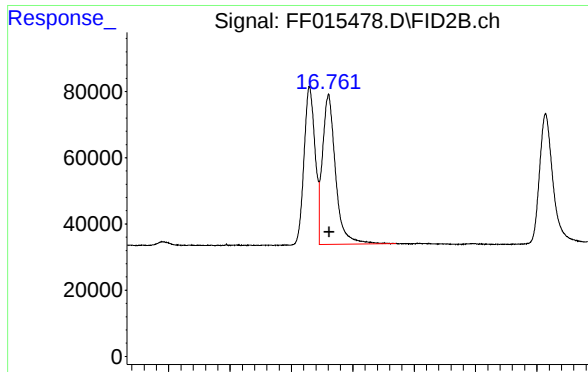
#15 Chrysene (C27.41)

R.T.: 15.212 min
Delta R.T.: 0.000 min
Response: 654073
Conc: 5.66 ug/ml



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

R.T.: 16.730 min
Delta R.T.: 0.000 min
Response: 591146
Conc: 5.23 ug/ml



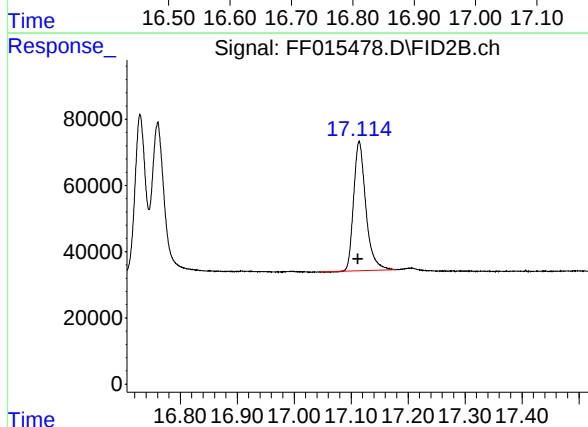
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.760 min
Delta R.T.: -0.001 min
Response: 672811
Conc: 5.79 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

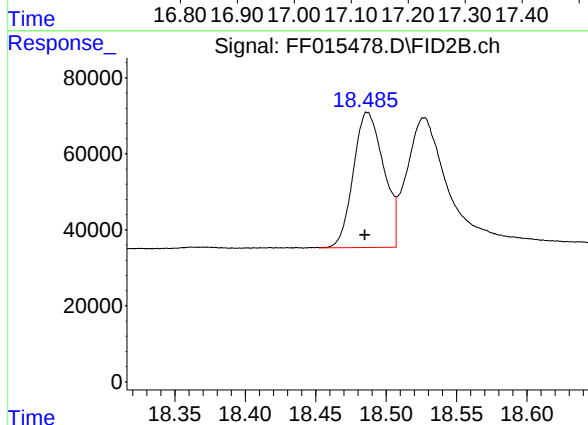
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :Ankita Jodhani 02/06/2025



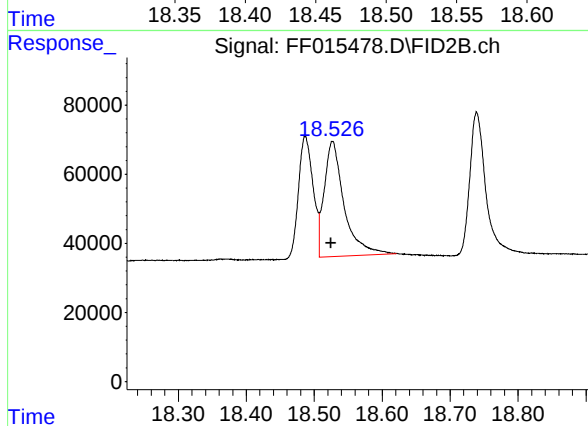
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.114 min
Delta R.T.: 0.002 min
Response: 582993
Conc: 5.33 ug/ml



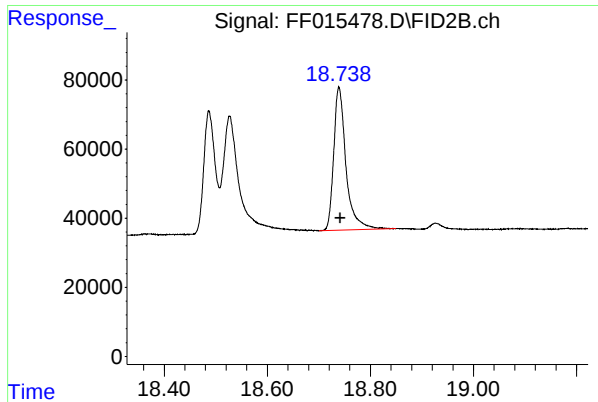
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.485 min
Delta R.T.: 0.000 min
Response: 533593
Conc: 4.99 ug/ml m



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

R.T.: 18.527 min
Delta R.T.: 0.002 min
Response: 677070
Conc: 5.54 ug/ml



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

R.T.: 18.739 min
Delta R.T.: -0.002 min
Response: 684919
Conc: 5.49 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :Ankita Jodhani 02/06/2025

rteres

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

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :Ankita Jodhani 02/06/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF02052
Data File : FF015478.D
Signal(s) : FID2B.ch
Acq On : 06 Feb 2025 01:14
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 25 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.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	4.608	4.550	4.695	BB	73422	742453	100.00%	5.537%
2	6.277	6.230	6.384	BB	64846	718999	96.84%	5.362%
3	7.371	7.334	7.497	BB	59357	692891	93.32%	5.168%
4	7.997	7.965	8.102	BB	54374	613728	82.66%	4.577%
5	8.671	8.545	8.782	BB	63247	709723	95.59%	5.293%
6	8.875	8.840	8.944	BV	25646	374014	50.38%	2.789%
7	8.969	8.944	9.097	VB	63513	730856	98.44%	5.451%
8	9.760	9.717	9.887	BB	52039	673789	90.75%	5.025%
9	11.167	11.120	11.219	BV	46581	619613	83.45%	4.621%
10	11.244	11.219	11.400	VBA	37536	628678	84.68%	4.689%
11	11.932	11.895	12.002	BB	60919	707703	95.32%	5.278%
12	12.989	12.950	13.094	BB	46695	640439	86.26%	4.776%
13	13.287	13.240	13.399	BB	48367	650441	87.61%	4.851%
14	15.171	15.020	15.192	BV	39792	523163	70.46%	3.902%
15	15.212	15.192	15.327	VB	42152	654073	88.10%	4.878%
16	16.730	16.660	16.745	BV	47519	591146	79.62%	4.409%
17	16.760	16.745	16.870	VBA	45295	672811	90.62%	5.018%
18	17.114	17.044	17.179	BV	39048	582993	78.52%	4.348%
19	18.487	18.425	18.507	BV	35027	518817	69.88%	3.869%
20	18.527	18.507	18.620	VBA	33284	677070	91.19%	5.050%
21	18.739	18.700	18.850	BBA	41429	684919	92.25%	5.108%
Sum of corrected areas:						13408321		

Aromatic EPH 020525.M Thu Feb 06 05:40:48 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020525AR\
 Data File : FF015479.D
 Signal(s) : FID2B.ch
 Acq On : 06 Feb 2025 01:42
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: sample.E
 Quant Time: Feb 06 05:05:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 05:02:08 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	2544202	21.974 ug/ml
Spiked Amount 50.000		Recovery =	43.95%
6) S 2-Fluorobiphenyl (SURR)	8.872	1613947	21.758 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.52%
11) S ortho-Terphenyl (SURR)	11.934	2756362	21.703 ug/ml
Spiked Amount 50.000		Recovery =	43.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.608	2921215	21.787 ug/ml
2) T Naphthalene (C11.7)	6.276	2914913	21.775 ug/ml
3) T 2-Methylnaphthalene (...)	7.370	2804089	21.762 ug/ml
5) T Acenaphthylene (C15.06)	8.672	2838063	21.641 ug/ml
7) T Acenaphthene (C15.5)	8.970	2807806	21.725 ug/ml
8) T Fluorene (C16.55)	9.760	2729499	21.717 ug/ml
9) T Phenanthrene (C19.36)	11.166	2558486	21.674 ug/ml
10) T Anthracene (C19.43)	11.242	2529927	21.719 ug/ml
12) T Fluoranthene (C21.85)	12.989	2556882	21.695 ug/ml
13) T Pyrene (C20.8)	13.288	2567814	21.721 ug/ml
14) T Benzo[a]anthracene (C...	15.170	2309487	21.576 ug/ml
15) T Chrysene (C27.41)	15.212	2495367	21.576 ug/ml
16) T benzo[b]fluoranthene ...	16.730	2446803	21.663 ug/ml
17) T Bnezo[k]fluoranthene ...	16.762	2534445	21.811 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.112	2373012	21.694 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.486	2291637	21.429 ug/ml
20) T Dibenz[a,h]anthracene...	18.524	2600397	21.261 ug/ml
21) T Benzo[g,h,i]perylene ...	18.741	2698284	21.635 ug/ml

(f)=RT Delta > 1/2 Window

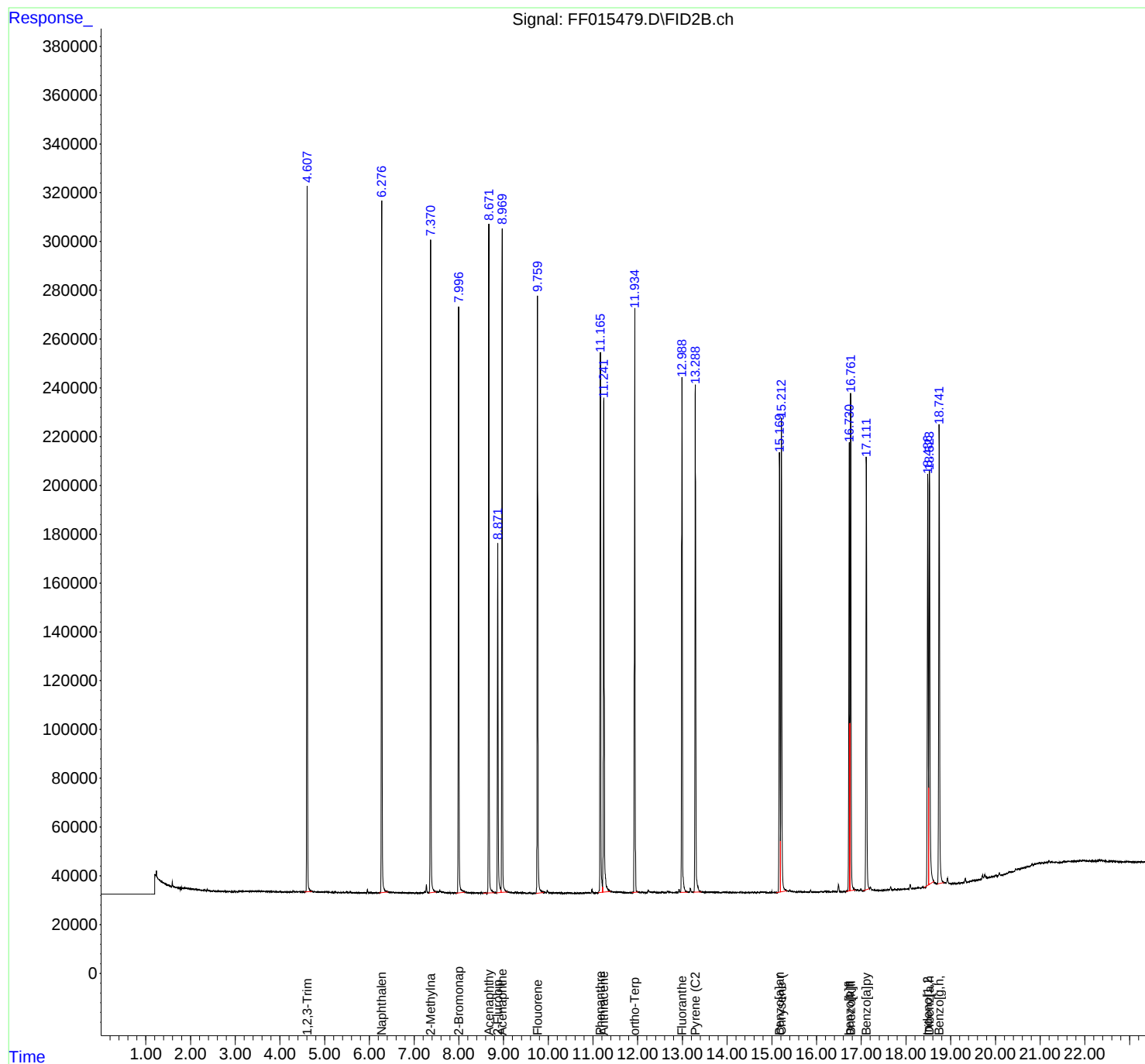
(m)=manual int.

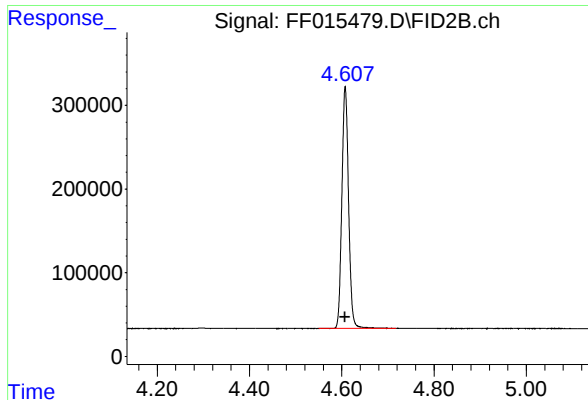
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020525AR\
Data File : FF015479.D
Signal(s) : FID2B.ch
Acq On : 06 Feb 2025 01:42
Operator : YP\AJ
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD ICV

Integration File: sample.E
Quant Time: Feb 06 05:05:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.M
Quant Title : GC Extractables
QLast Update : Thu Feb 06 05:02:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

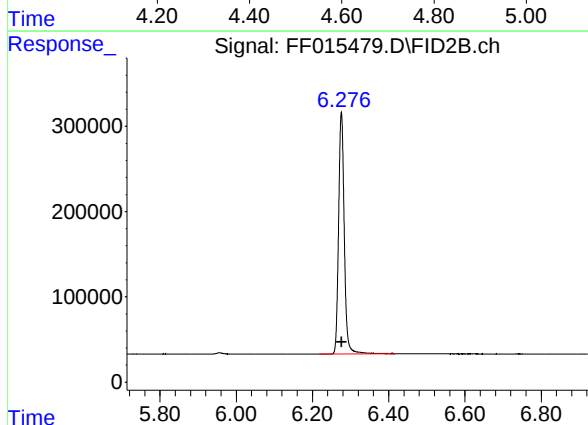




#1 1,2,3-Trimethylbenzene (C10.1)

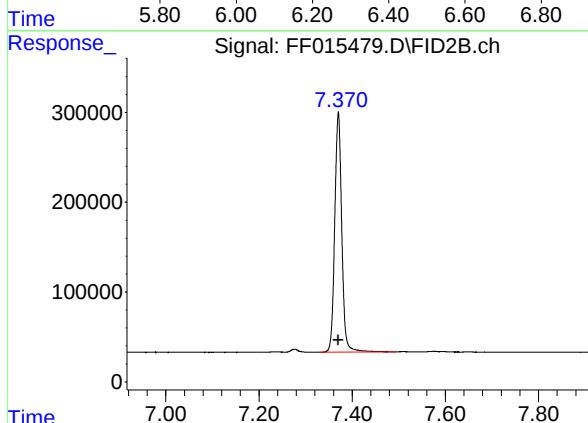
R.T.: 4.608 min
Delta R.T.: 0.000 min
Response: 2921215
Conc: 21.79 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD ICV



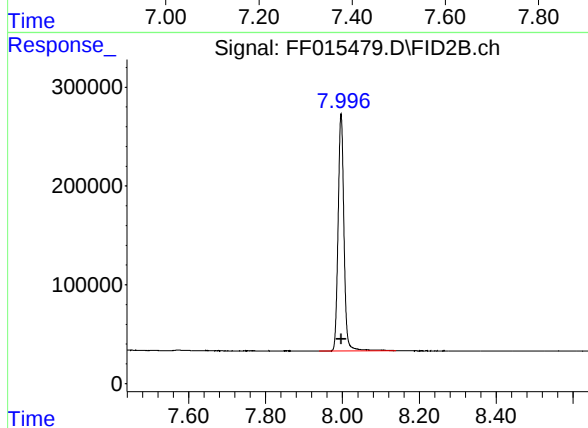
#2 Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 2914913
Conc: 21.78 ug/ml



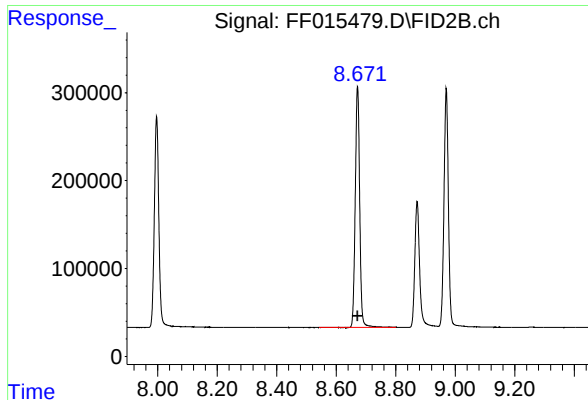
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.370 min
Delta R.T.: 0.000 min
Response: 2804089
Conc: 21.76 ug/ml



#4 2-Bromonaphthalene (SURR)

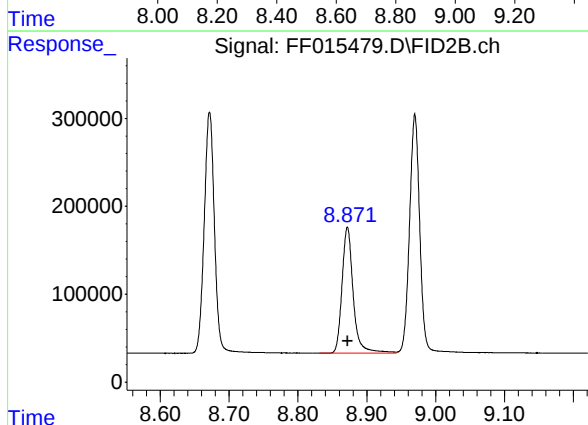
R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 2544202
Conc: 21.97 ug/ml



#5 Acenaphthylene (C15.06)

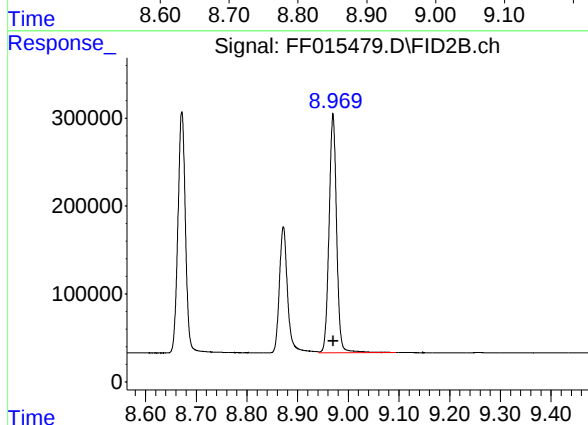
R.T.: 8.672 min
Delta R.T.: 0.000 min
Response: 2838063
Conc: 21.64 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD ICV



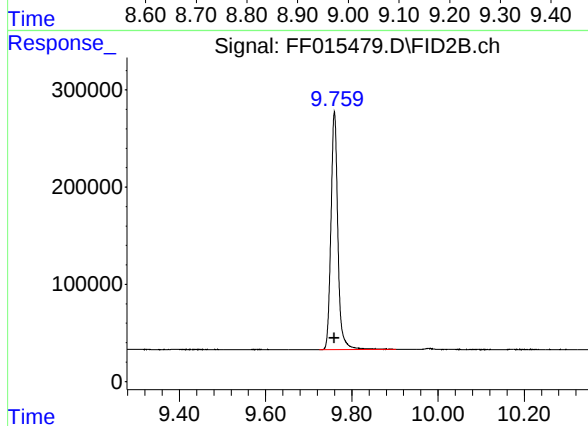
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.872 min
Delta R.T.: 0.000 min
Response: 1613947
Conc: 21.76 ug/ml



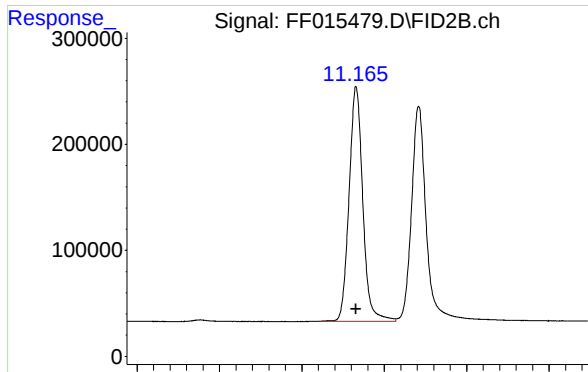
#7 Acenaphthene (C15.5)

R.T.: 8.970 min
Delta R.T.: 0.000 min
Response: 2807806
Conc: 21.73 ug/ml



#8 Flouorene (C16.55)

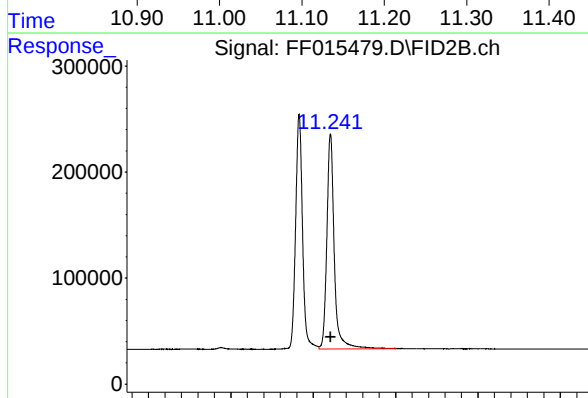
R.T.: 9.760 min
Delta R.T.: 0.000 min
Response: 2729499
Conc: 21.72 ug/ml



#9 Phenanthrene (C19.36)

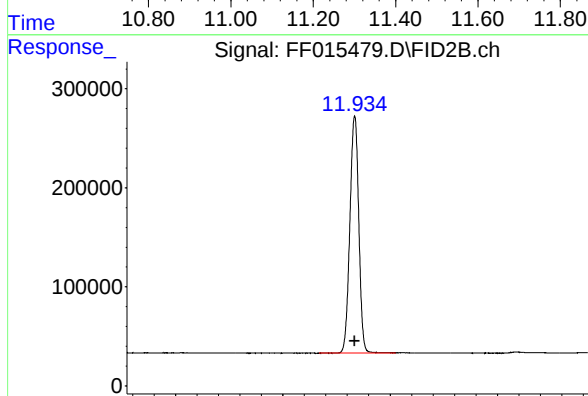
R.T.: 11.166 min
Delta R.T.: 0.000 min
Response: 2558486
Conc: 21.67 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD ICV



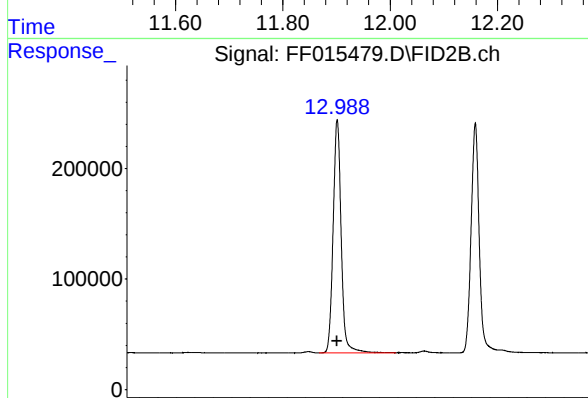
#10 Anthracene (C19.43)

R.T.: 11.242 min
Delta R.T.: 0.000 min
Response: 2529927
Conc: 21.72 ug/ml



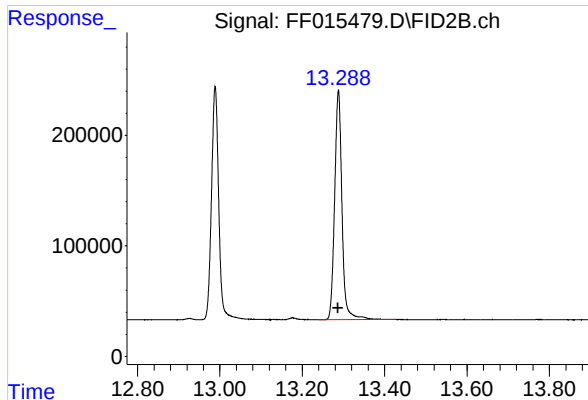
#11 ortho-Terphenyl (SURRE)

R.T.: 11.934 min
Delta R.T.: 0.000 min
Response: 2756362
Conc: 21.70 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.989 min
Delta R.T.: 0.000 min
Response: 2556882
Conc: 21.69 ug/ml



#13 Pyrene (C20.8)

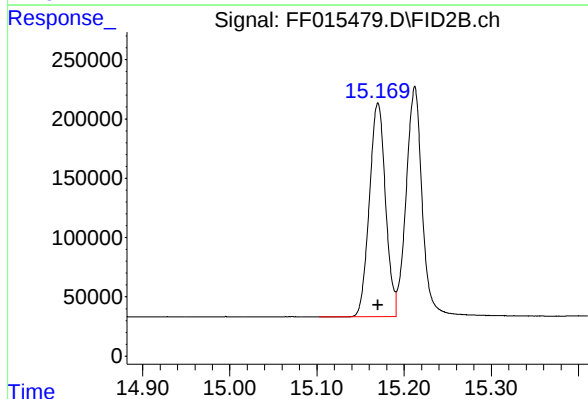
R.T.: 13.288 min
Delta R.T.: 0.000 min
Response: 2567814
Conc: 21.72 ug/ml

Instrument :

FID_F

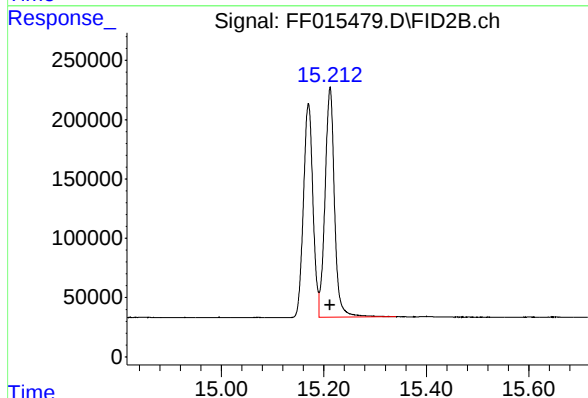
ClientSampleId :

20 PPM AROMATIC HC STD ICV



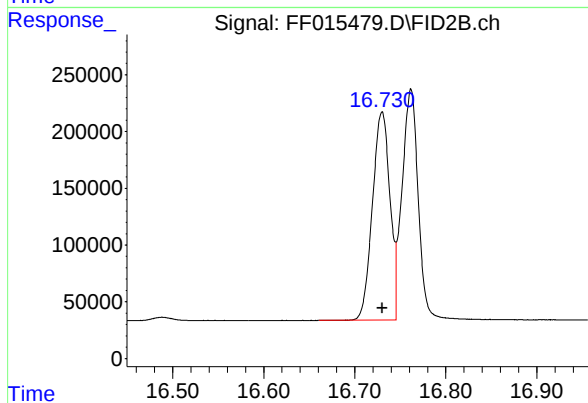
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.170 min
Delta R.T.: 0.000 min
Response: 2309487
Conc: 21.58 ug/ml



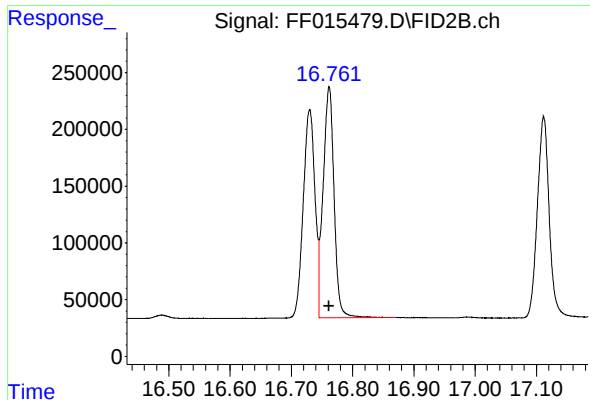
#15 Chrysene (C27.41)

R.T.: 15.212 min
Delta R.T.: 0.000 min
Response: 2495367
Conc: 21.58 ug/ml



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

R.T.: 16.730 min
Delta R.T.: 0.000 min
Response: 2446803
Conc: 21.66 ug/ml



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

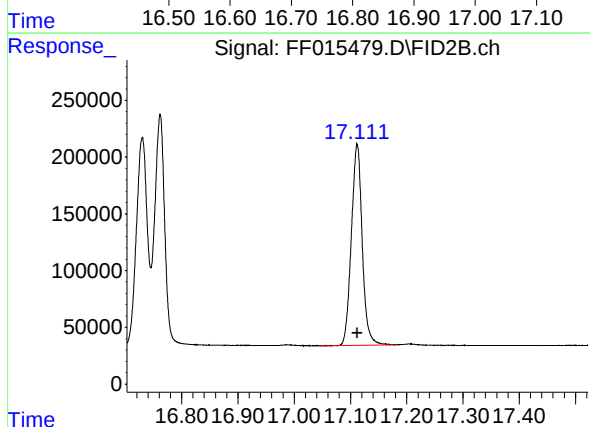
R.T.: 16.762 min
Delta R.T.: 0.000 min
Response: 2534445
Conc: 21.81 ug/ml

Instrument :

FID_F

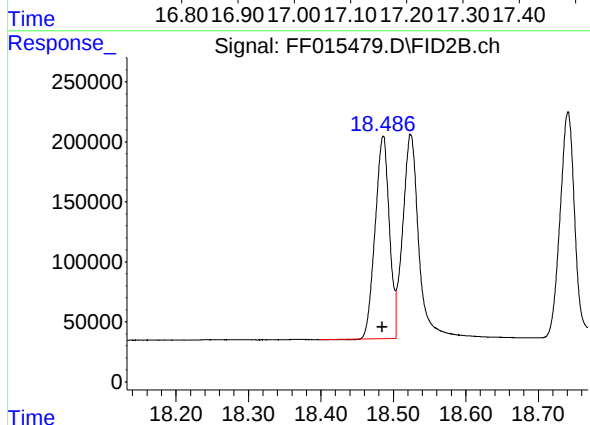
ClientSampleId :

20 PPM AROMATIC HC STD ICV



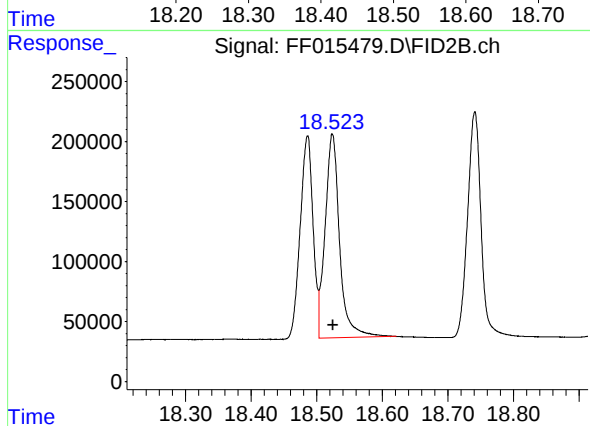
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.112 min
Delta R.T.: 0.000 min
Response: 2373012
Conc: 21.69 ug/ml



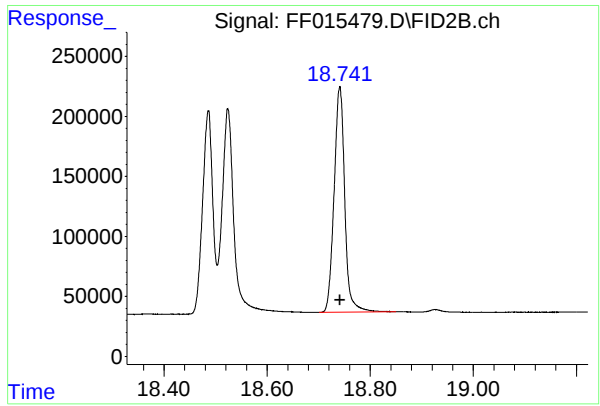
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.486 min
Delta R.T.: 0.000 min
Response: 2291637
Conc: 21.43 ug/ml



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

R.T.: 18.524 min
Delta R.T.: 0.000 min
Response: 2600397
Conc: 21.26 ug/ml



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

R.T.: 18.741 min
Delta R.T.: 0.000 min
Response: 2698284
Conc: 21.64 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD ICV

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020525AR\
Data File : FF015479.D
Signal(s) : FID2B.ch
Acq On : 06 Feb 2025 01:42
Sample : 20 PPM AROMATIC HC STD ICV
Misc :
ALS Vial : 26 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.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	4.608	4.551	4.717	BB	288641	2921215	100.00%	5.420%
2	6.276	6.217	6.419	BB	283482	2914913	99.78%	5.409%
3	7.370	7.329	7.494	BV	267390	2804089	95.99%	5.203%
4	7.996	7.939	8.139	BB	239925	2544202	87.09%	4.721%
5	8.672	8.542	8.801	BB	274533	2838063	97.15%	5.266%
6	8.872	8.831	8.942	BV	143447	1613947	55.25%	2.995%
7	8.970	8.942	9.094	VB	271290	2807806	96.12%	5.210%
8	9.760	9.724	9.902	BB	244599	2729499	93.44%	5.065%
9	11.166	11.121	11.214	BV	221388	2558486	87.58%	4.747%
10	11.242	11.214	11.401	VBA	203006	2529927	86.61%	4.694%
11	11.934	11.867	12.011	BB	239503	2756362	94.36%	5.115%
12	12.989	12.949	13.116	PB	211344	2556882	87.53%	4.744%
13	13.288	13.241	13.427	BB	207560	2567814	87.90%	4.765%
14	15.170	15.102	15.191	BV	180479	2309487	79.06%	4.285%
15	15.212	15.191	15.341	VBA	194525	2495367	85.42%	4.630%
16	16.730	16.661	16.745	BV	184276	2446803	83.76%	4.540%
17	16.762	16.745	16.871	VBA	203713	2534445	86.76%	4.703%
18	17.112	17.044	17.181	BV	176895	2373012	81.23%	4.403%
19	18.486	18.397	18.504	BV	168944	2291637	78.45%	4.252%
20	18.524	18.504	18.621	VBA	169512	2600397	89.02%	4.825%
21	18.741	18.701	18.850	BBA	187935	2698284	92.37%	5.007%
Sum of corrected areas:						53892635		

Aromatic EPH 020525.M Thu Feb 06 05:41:21 2025