

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111424AR\
 Data File : FG014774.D
 Signal(s) : FID1A.ch
 Acq On : 14 Nov 2024 10:58
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Nov 14 11:24:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 11:24:01 2024
 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...	8.000	1283296	10.719 ug/ml
Spiked Amount 50.000		Recovery =	21.44%
6) S 2-Fluorobiphenyl (SURR)	8.874	851095	10.602 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	21.20%
11) S ortho-Terphenyl (SURR)	11.945	1394566	10.634 ug/ml
Spiked Amount 50.000		Recovery =	21.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.606	1432881	10.873 ug/ml
2) T Naphthalene (C11.7)	6.275	1464035	10.801 ug/ml
3) T 2-Methylnaphthalene (...)	7.372	1411820	10.695 ug/ml
5) T Acenaphthylene (C15.06)	8.675	1434089	10.665 ug/ml
7) T Acenaphthene (C15.5)	8.975	1393712	10.652 ug/ml
8) T Fluorene (C16.55)	9.764	1389578	10.598 ug/ml
9) T Phenanthrene (C19.36)	11.172	1338889	10.526 ug/ml
10) T Anthracene (C19.43)	11.245	1320354	10.490 ug/ml
12) T Fluoranthene (C21.85)	12.994	1317694	10.510 ug/ml
13) T Pyrene (C20.8)	13.292	1305509	10.499 ug/ml
14) T Benzo[a]anthracene (C...	15.172	1241777	10.483 ug/ml
15) T Chrysene (C27.41)	15.214	1247968	10.572 ug/ml
16) T benzo[b]fluoranthene ...	16.728	1272563	10.644 ug/ml
17) T Bnezo[k]fluoranthene ...	16.758	1285816	10.841 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.108	1234350	10.770 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.476	1207081	10.587 ug/ml
20) T Dibenz[a,h]anthracene...	18.517	1392468	11.537 ug/ml
21) T Benzo[g,h,i]perylene ...	18.731	1324892	10.831 ug/ml

(f)=RT Delta > 1/2 Window

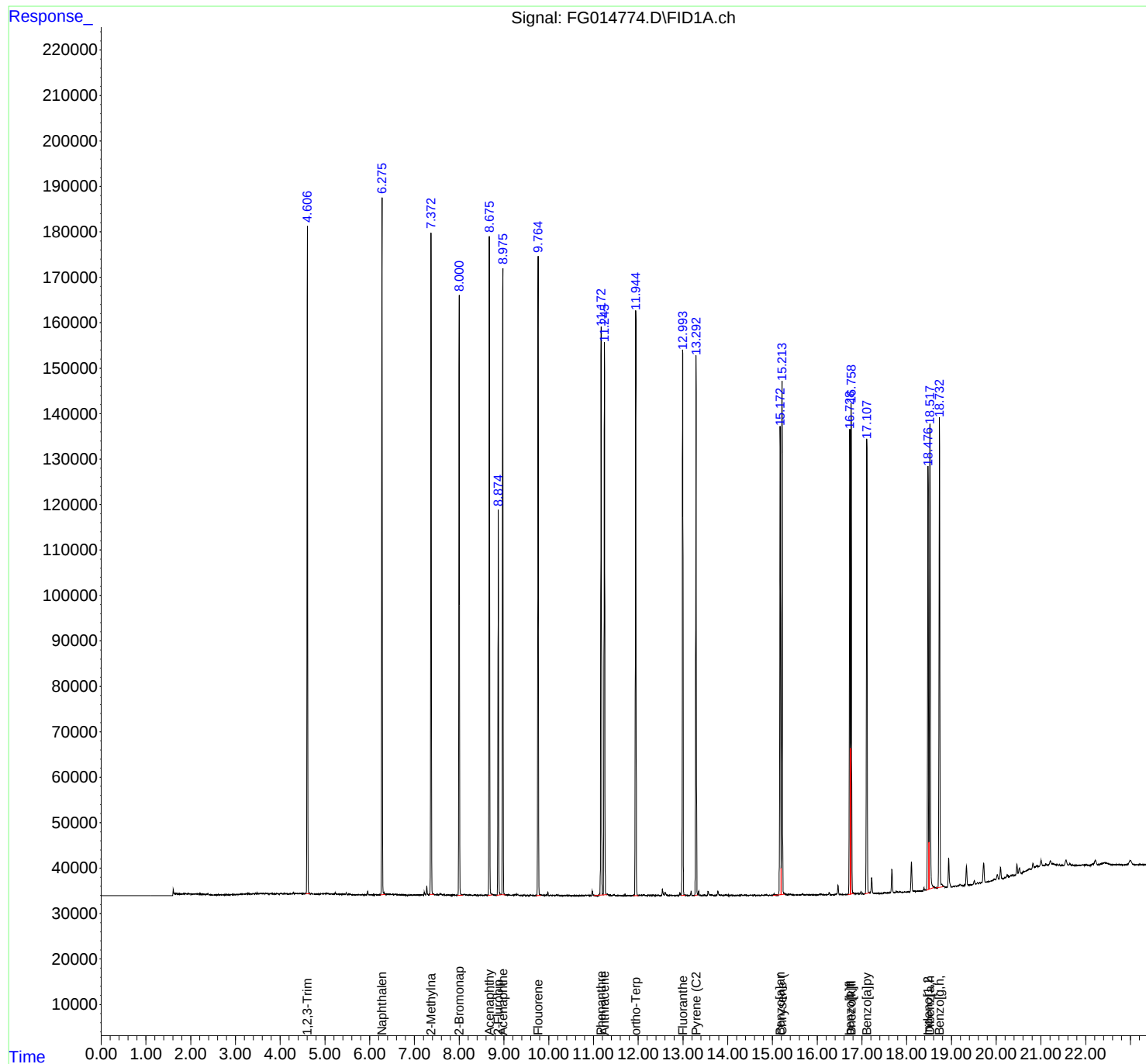
(m)=manual int.

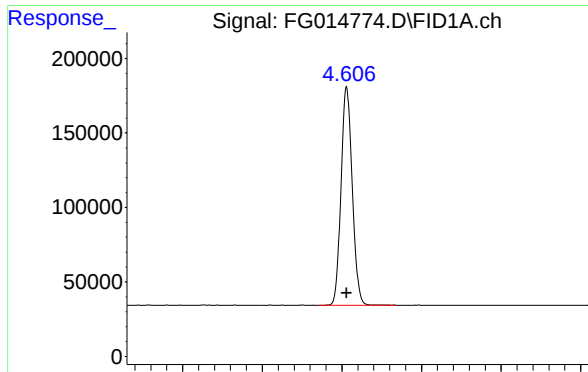
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG11424AR\
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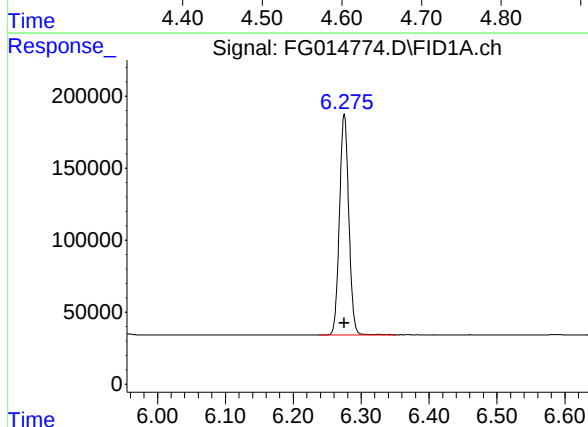




#1 1,2,3-Trimethylbenzene (C10.1)

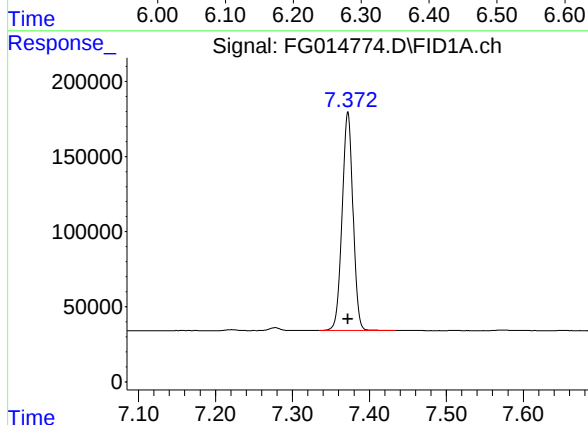
R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 1432881
Conc: 10.87 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



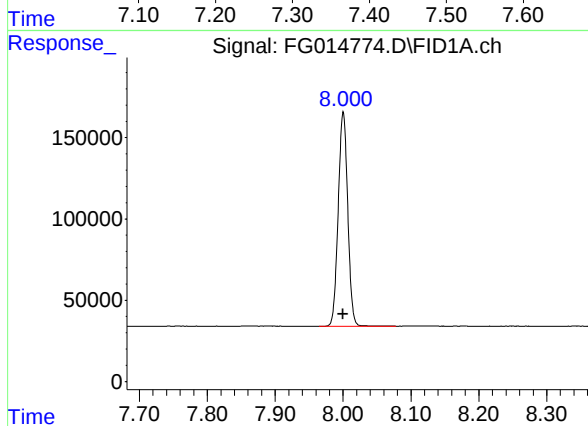
#2 Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 1464035
Conc: 10.80 ug/ml



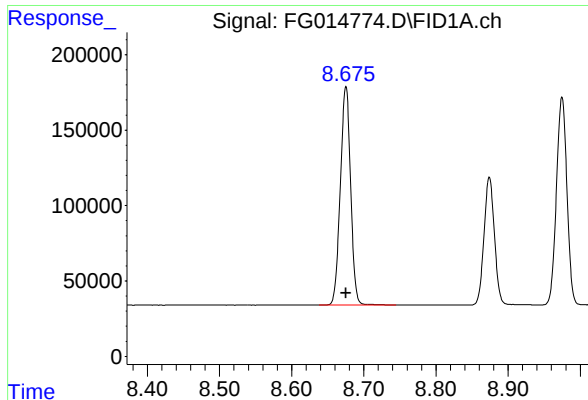
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 1411820
Conc: 10.70 ug/ml



#4 2-Bromonaphthalene (SURR)

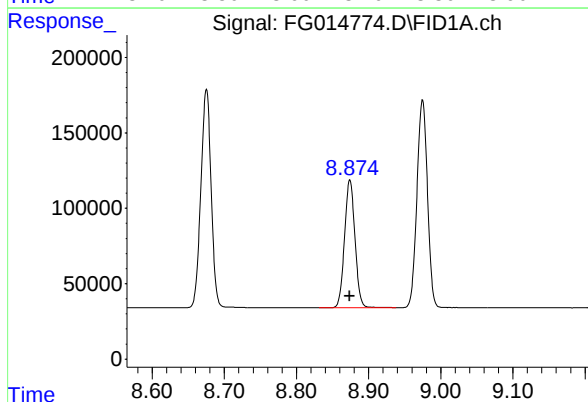
R.T.: 8.000 min
Delta R.T.: 0.000 min
Response: 1283296
Conc: 10.72 ug/ml



#5 Acenaphthylene (C15.06)

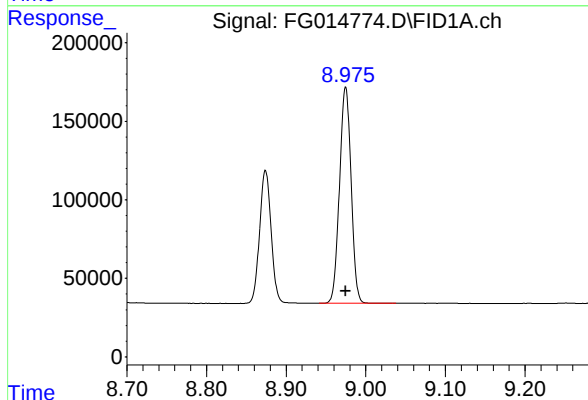
R.T.: 8.675 min
Delta R.T.: 0.000 min
Response: 1434089
Conc: 10.67 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



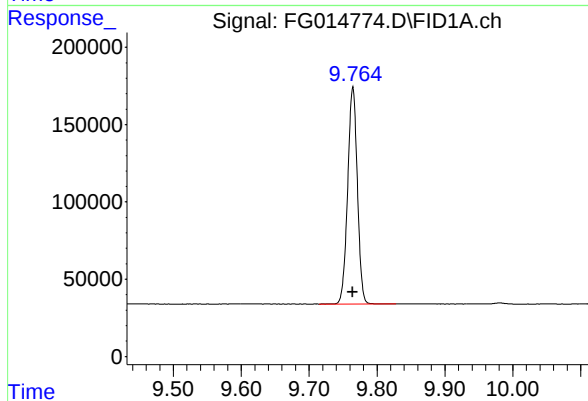
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.874 min
Delta R.T.: 0.000 min
Response: 851095
Conc: 10.60 ug/ml



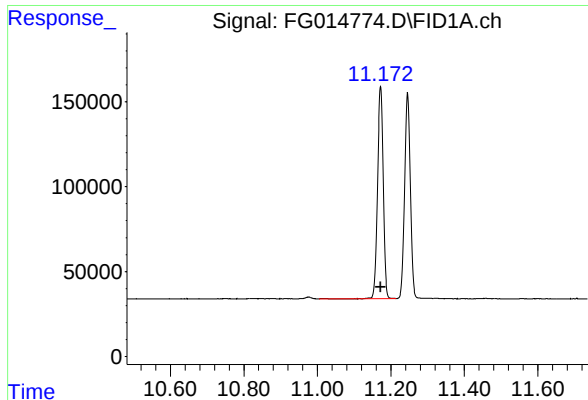
#7 Acenaphthene (C15.5)

R.T.: 8.975 min
Delta R.T.: 0.000 min
Response: 1393712
Conc: 10.65 ug/ml



#8 Flouorene (C16.55)

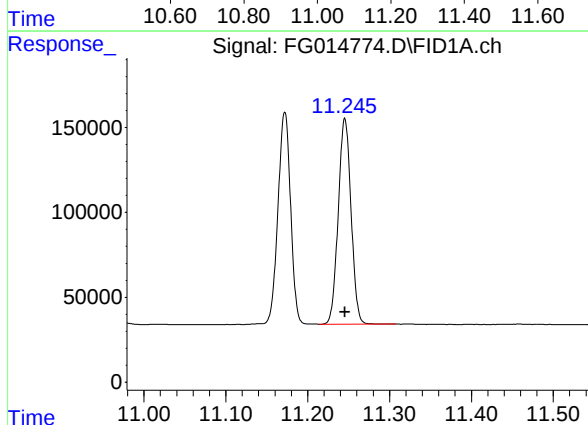
R.T.: 9.764 min
Delta R.T.: 0.000 min
Response: 1389578
Conc: 10.60 ug/ml



#9 Phenanthrene (C19.36)

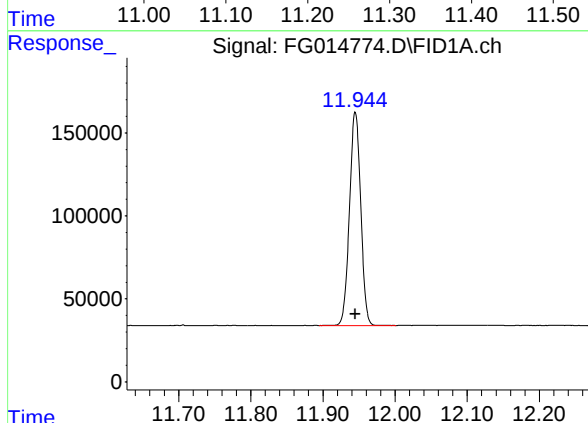
R.T.: 11.172 min
Delta R.T.: 0.000 min
Response: 1338889
Conc: 10.53 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



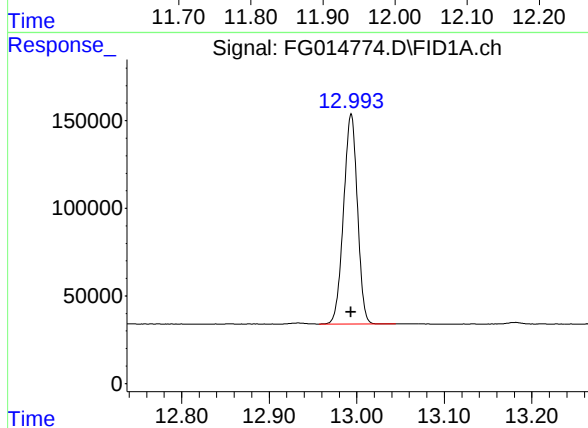
#10 Anthracene (C19.43)

R.T.: 11.245 min
Delta R.T.: 0.000 min
Response: 1320354
Conc: 10.49 ug/ml



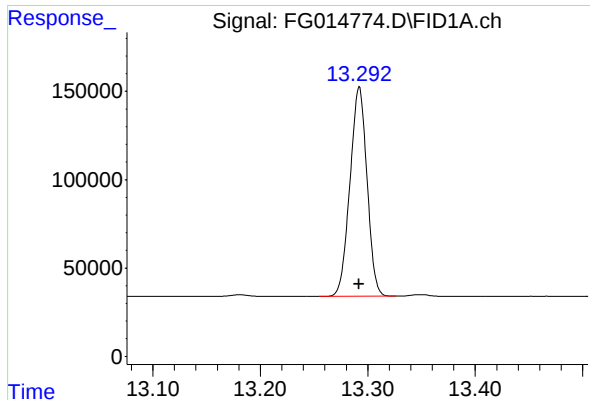
#11 ortho-Terphenyl (SURRE)

R.T.: 11.945 min
Delta R.T.: 0.000 min
Response: 1394566
Conc: 10.63 ug/ml



#12 Fluoranthene (C21.85)

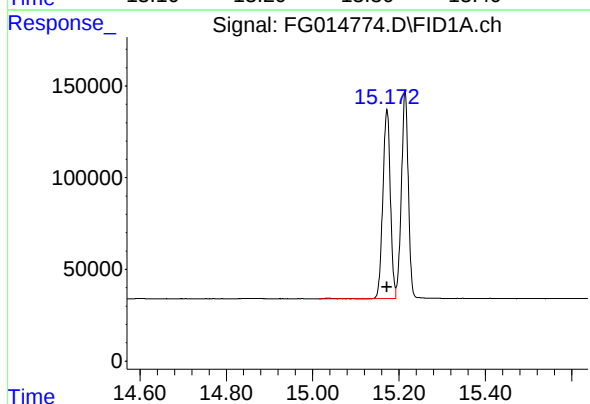
R.T.: 12.994 min
Delta R.T.: 0.000 min
Response: 1317694
Conc: 10.51 ug/ml



#13 Pyrene (C20.8)

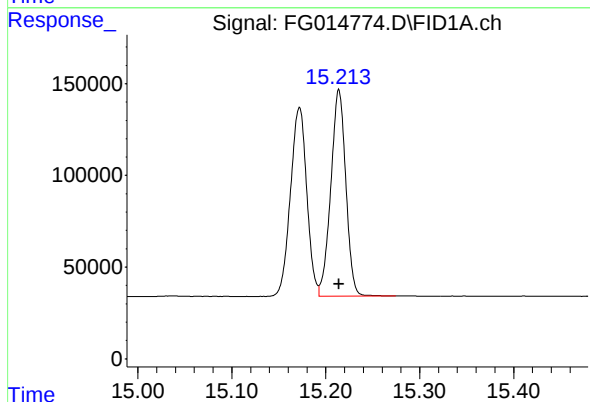
R.T.: 13.292 min
Delta R.T.: 0.000 min
Response: 1305509
Conc: 10.50 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



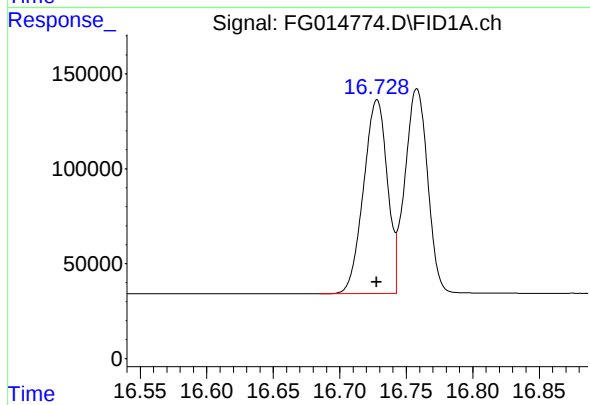
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.172 min
Delta R.T.: 0.000 min
Response: 1241777
Conc: 10.48 ug/ml



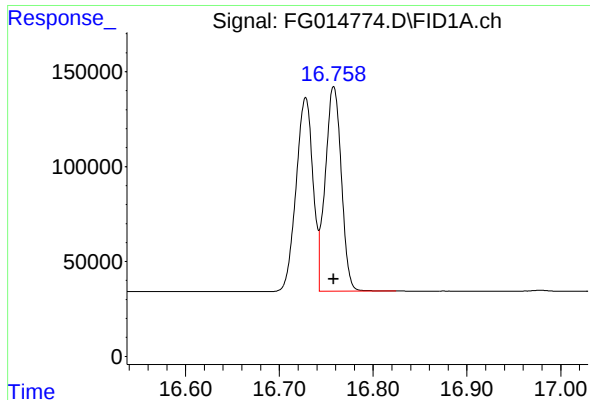
#15 Chrysene (C27.41)

R.T.: 15.214 min
Delta R.T.: 0.000 min
Response: 1247968
Conc: 10.57 ug/ml



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

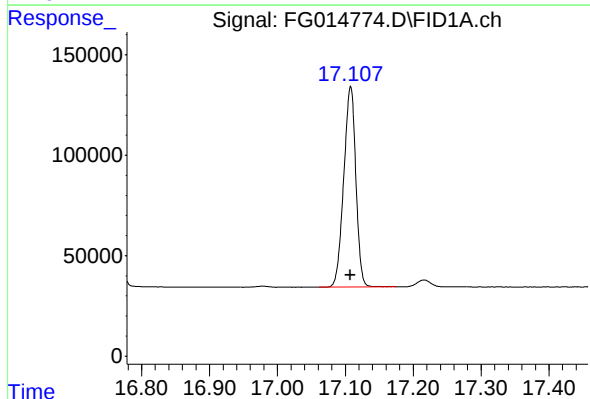
R.T.: 16.728 min
Delta R.T.: 0.000 min
Response: 1272563
Conc: 10.64 ug/ml



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

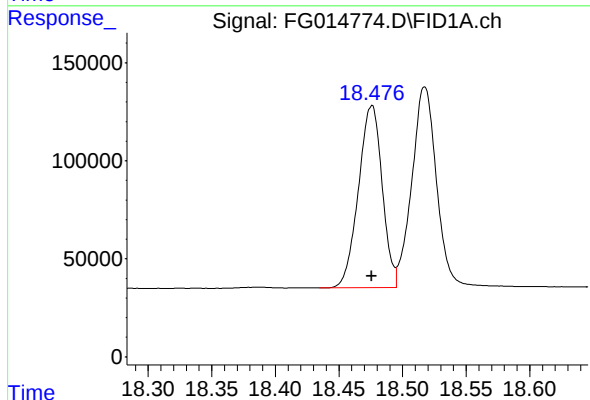
R.T.: 16.758 min
Delta R.T.: 0.000 min
Response: 1285816
Conc: 10.84 ug/ml

Instrument :
FID_G
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10 PPM AROMATIC HC STD4



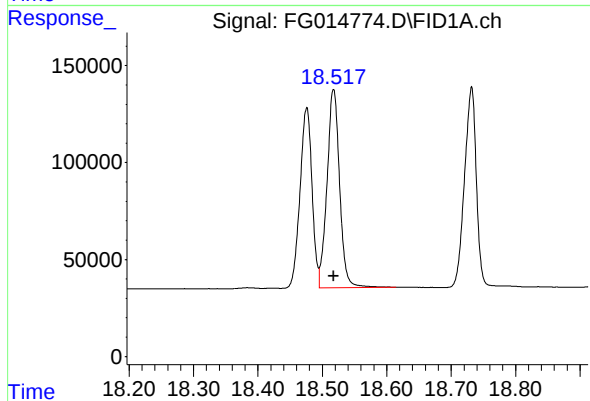
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.108 min
Delta R.T.: 0.000 min
Response: 1234350
Conc: 10.77 ug/ml



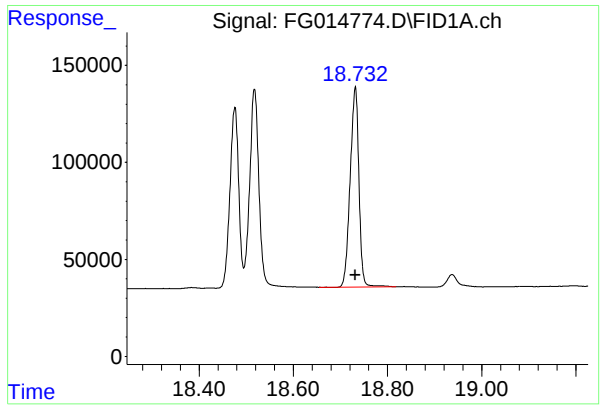
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.476 min
Delta R.T.: 0.000 min
Response: 1207081
Conc: 10.59 ug/ml



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

R.T.: 18.517 min
Delta R.T.: 0.000 min
Response: 1392468
Conc: 11.54 ug/ml



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

R.T.: 18.731 min
Delta R.T.: 0.000 min
Response: 1324892
Conc: 10.83 ug/ml

Instrument :
FID_G
ClientSampleId :
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