

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111424AR\
 Data File : FG014772.D
 Signal(s) : FID1A.ch
 Acq On : 14 Nov 2024 10:02
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Nov 14 10:59:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 10:55:47 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...	8.002	5785006	49.508 ug/ml
Spiked Amount 50.000		Recovery =	99.02%
6) S 2-Fluorobiphenyl (SURR)	8.877	3905548	49.644 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.29%
11) S ortho-Terphenyl (SURR)	11.949	6373094	49.646 ug/ml
Spiked Amount 50.000		Recovery =	99.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.606	6292840	49.185 ug/ml
2) T Naphthalene (C11.7)	6.276	6501402	49.278 ug/ml
3) T 2-Methylnaphthalene (...)	7.374	6380421	49.483 ug/ml
5) T Acenaphthylene (C15.06)	8.678	6517485	49.568 ug/ml
7) T Acenaphthene (C15.5)	8.979	6345283	49.576 ug/ml
8) T Fluorene (C16.55)	9.769	6381165	49.659 ug/ml
9) T Phenanthrene (C19.36)	11.177	6208618	49.682 ug/ml
10) T Anthracene (C19.43)	11.252	6156035	49.720 ug/ml
12) T Fluoranthene (C21.85)	13.000	6116893	49.631 ug/ml
13) T Pyrene (C20.8)	13.299	6072878	49.665 ug/ml
14) T Benzo[a]anthracene (C...	15.180	5779239	49.586 ug/ml
15) T Chrysene (C27.41)	15.225	5739762	49.571 ug/ml
16) T benzo[b]fluoranthene ...	16.738	5772114	49.337 ug/ml
17) T Bnezo[k]fluoranthene ...	16.774	5701531	49.456 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.119	5519036	49.424 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.491	5514313	49.332 ug/ml
20) T Dibenz[a,h]anthracene...	18.532	5699964	49.778 ug/ml
21) T Benzo[g,h,i]perylene ...	18.751	5884434	49.478 ug/ml

(f)=RT Delta > 1/2 Window

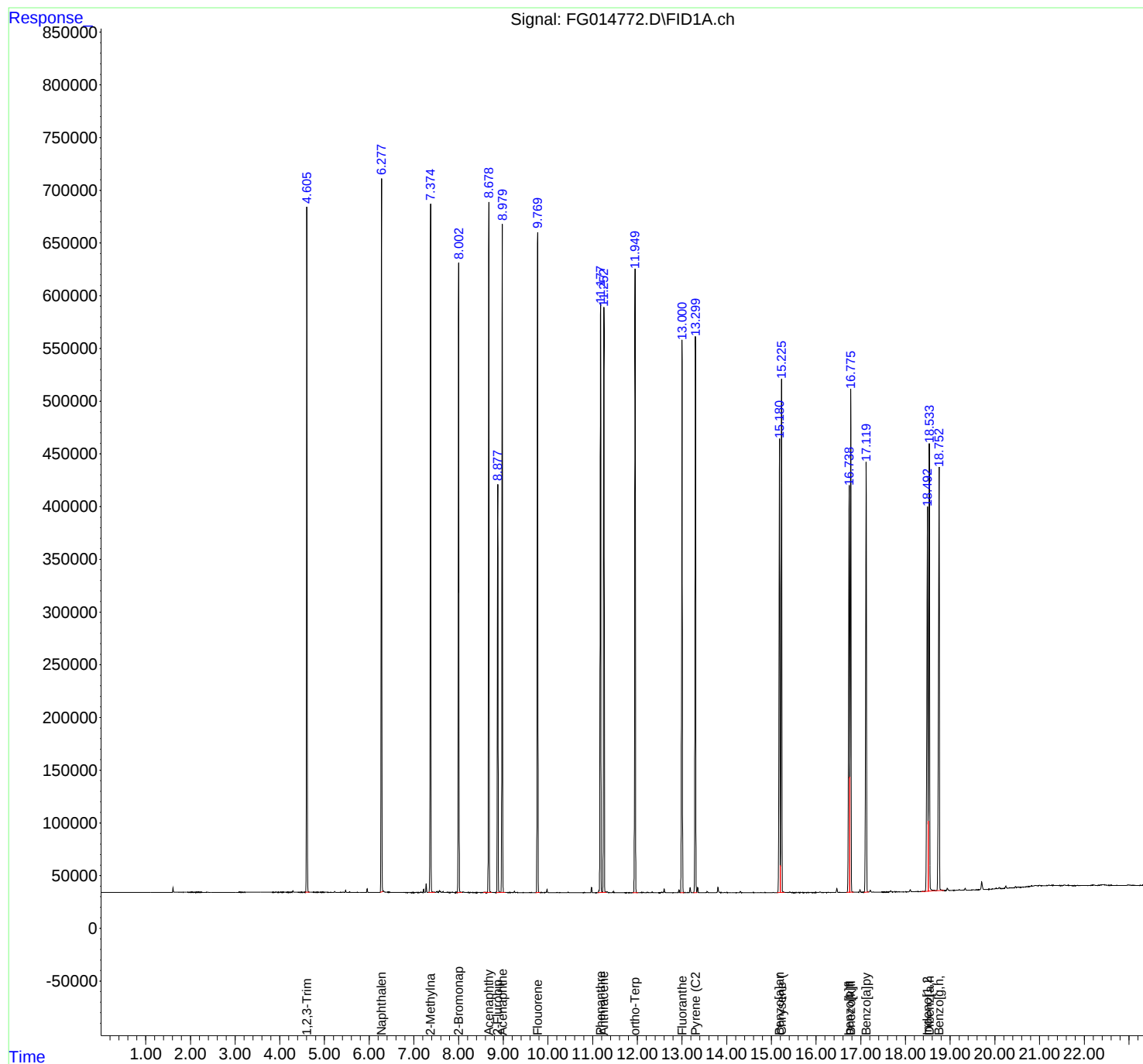
(m)=manual int.

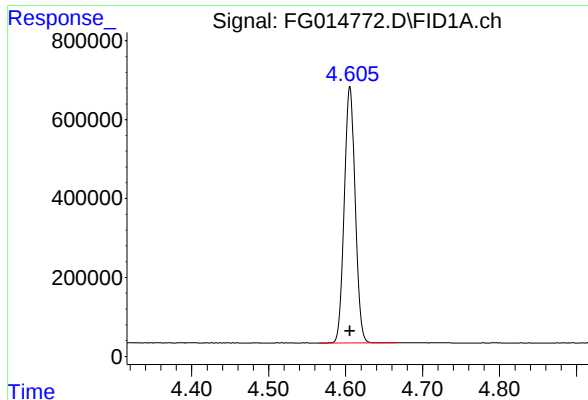
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG11424AR\
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Signal Info : 20M x 0.18mm x 0.18µm

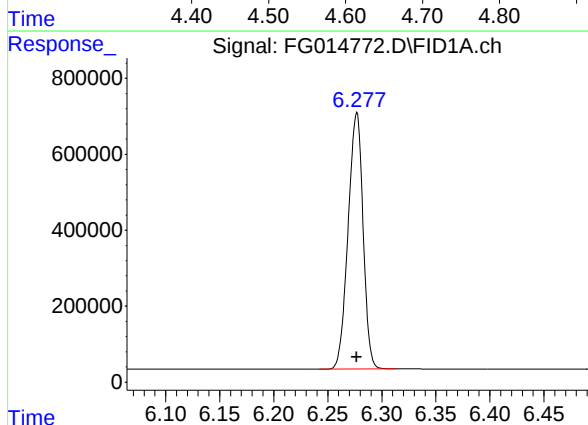




#1 1,2,3-Trimethylbenzene (C10.1)

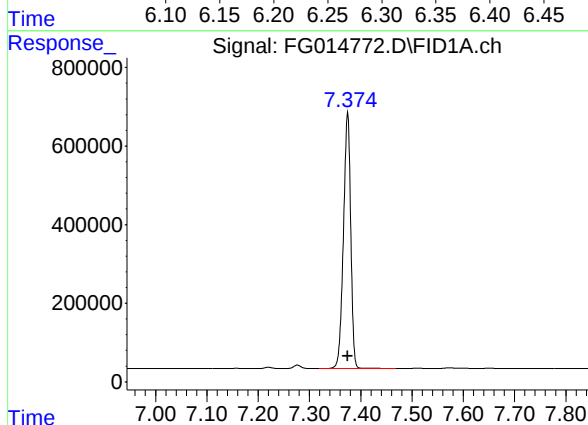
R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 6292840
Conc: 49.18 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



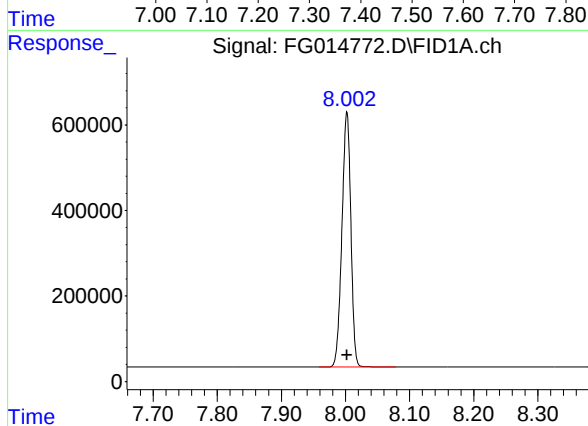
#2 Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 6501402
Conc: 49.28 ug/ml



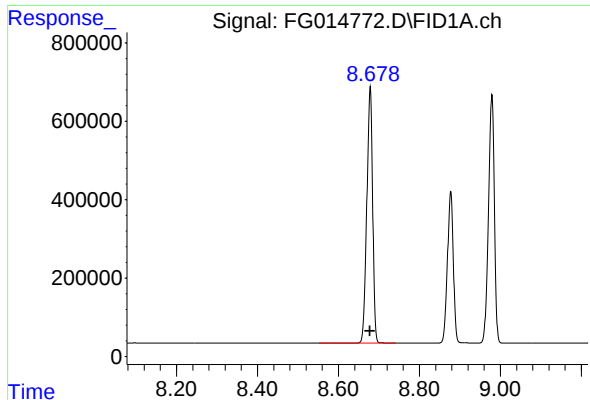
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.374 min
Delta R.T.: 0.000 min
Response: 6380421
Conc: 49.48 ug/ml



#4 2-Bromonaphthalene (SURR)

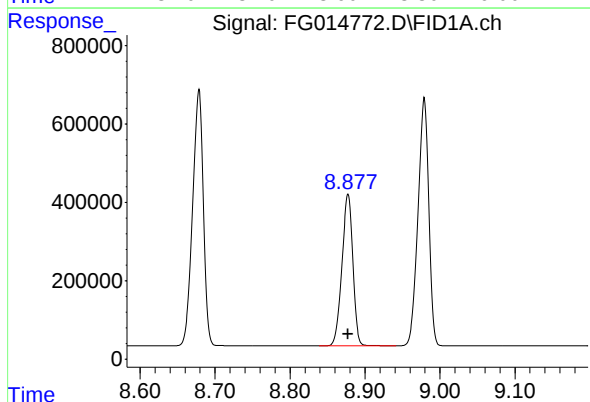
R.T.: 8.002 min
Delta R.T.: 0.000 min
Response: 5785006
Conc: 49.51 ug/ml



#5 Acenaphthylene (C15.06)

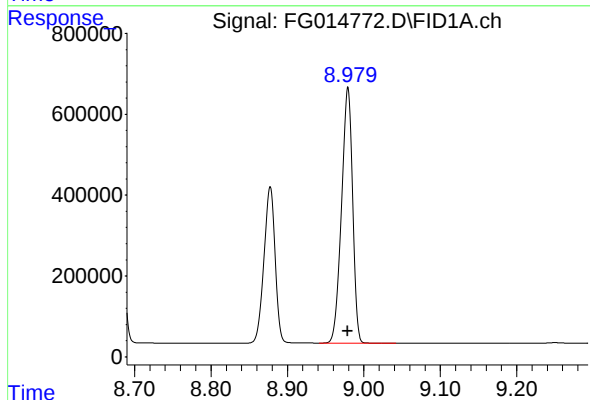
R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 6517485
Conc: 49.57 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



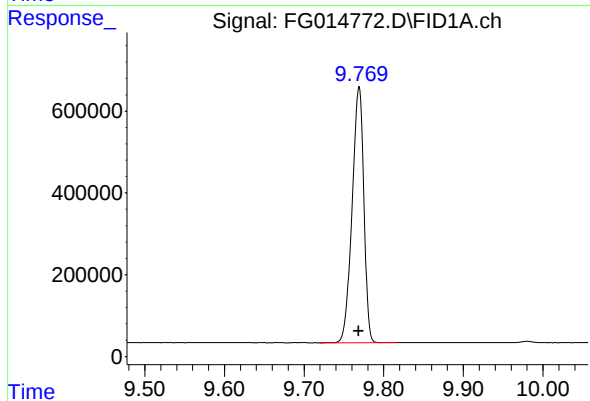
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.877 min
Delta R.T.: 0.000 min
Response: 3905548
Conc: 49.64 ug/ml



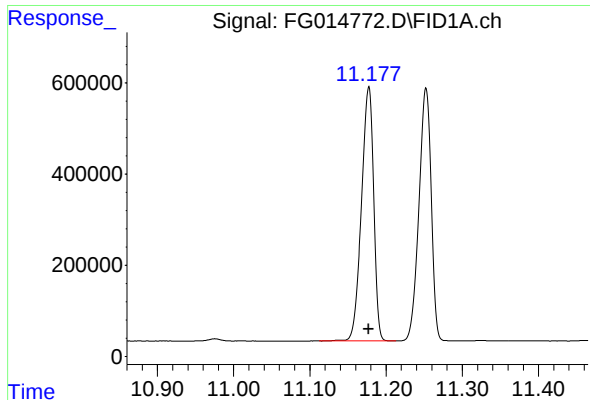
#7 Acenaphthene (C15.5)

R.T.: 8.979 min
Delta R.T.: 0.000 min
Response: 6345283
Conc: 49.58 ug/ml



#8 Flouorene (C16.55)

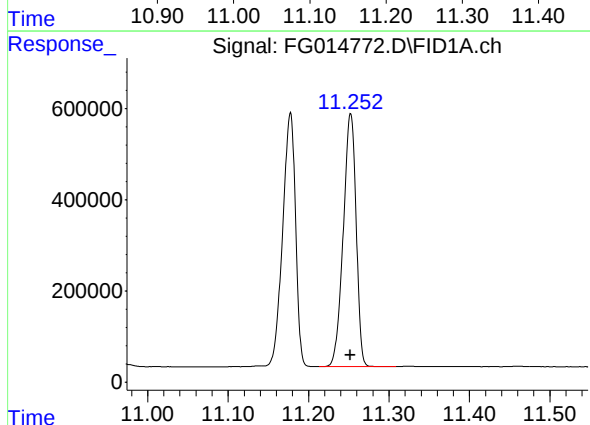
R.T.: 9.769 min
Delta R.T.: 0.000 min
Response: 6381165
Conc: 49.66 ug/ml



#9 Phenanthrene (C19.36)

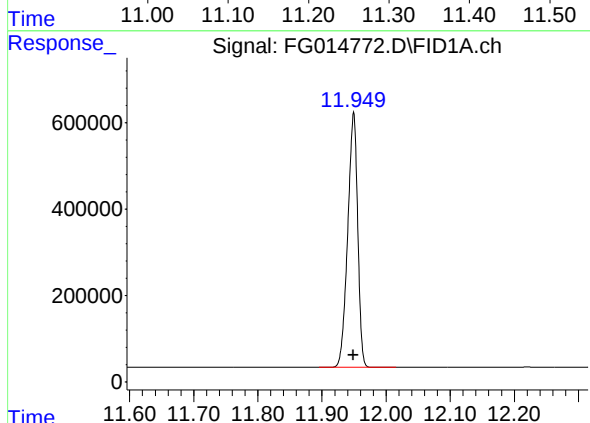
R.T.: 11.177 min
Delta R.T.: 0.000 min
Response: 6208618
Conc: 49.68 ug/ml

Instrument :
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50 PPM AROMATIC HC STD2



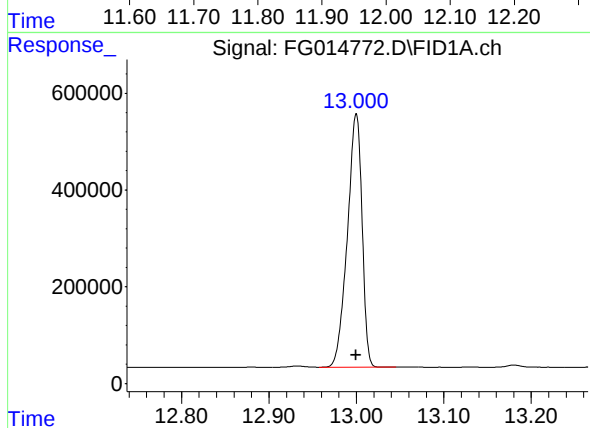
#10 Anthracene (C19.43)

R.T.: 11.252 min
Delta R.T.: 0.000 min
Response: 6156035
Conc: 49.72 ug/ml



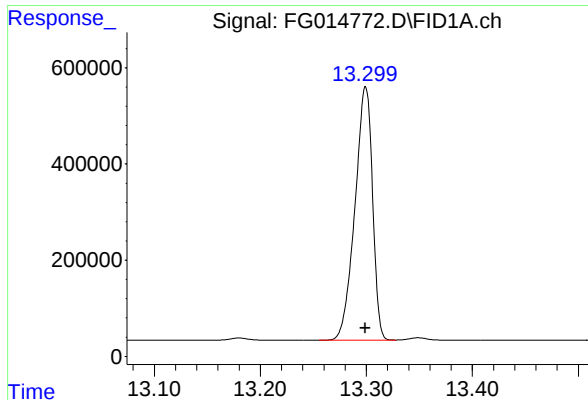
#11 ortho-Terphenyl (SURRE)

R.T.: 11.949 min
Delta R.T.: 0.000 min
Response: 6373094
Conc: 49.65 ug/ml



#12 Fluoranthene (C21.85)

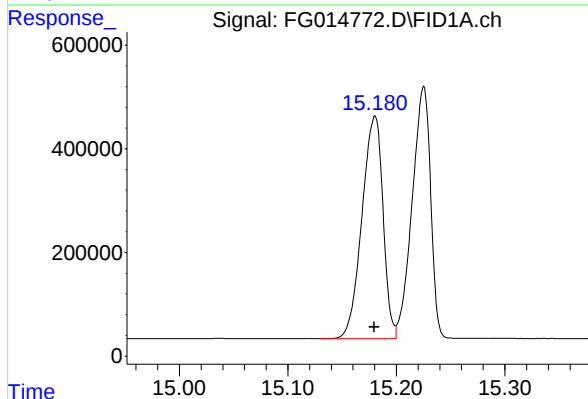
R.T.: 13.000 min
Delta R.T.: 0.000 min
Response: 6116893
Conc: 49.63 ug/ml



#13 Pyrene (C20.8)

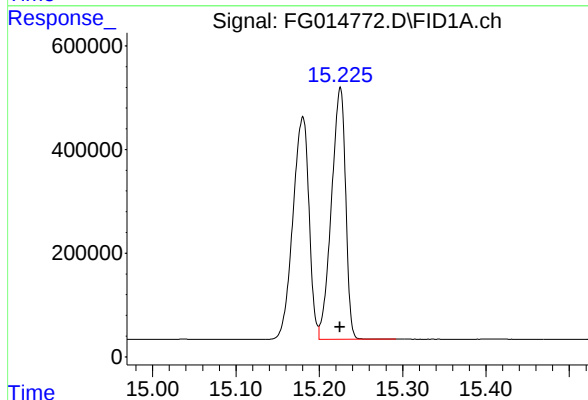
R.T.: 13.299 min
Delta R.T.: 0.000 min
Response: 6072878
Conc: 49.66 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



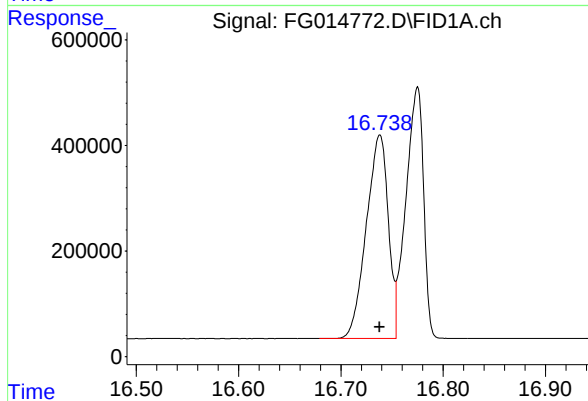
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.180 min
Delta R.T.: 0.000 min
Response: 5779239
Conc: 49.59 ug/ml



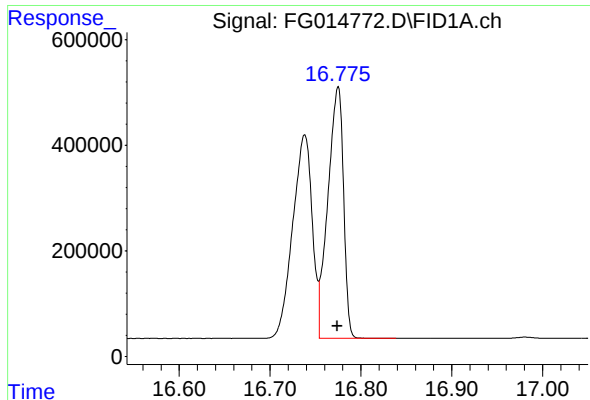
#15 Chrysene (C27.41)

R.T.: 15.225 min
Delta R.T.: 0.000 min
Response: 5739762
Conc: 49.57 ug/ml



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

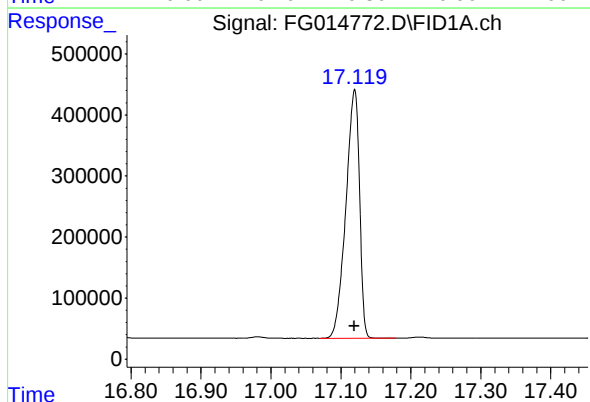
R.T.: 16.738 min
Delta R.T.: 0.000 min
Response: 5772114
Conc: 49.34 ug/ml



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

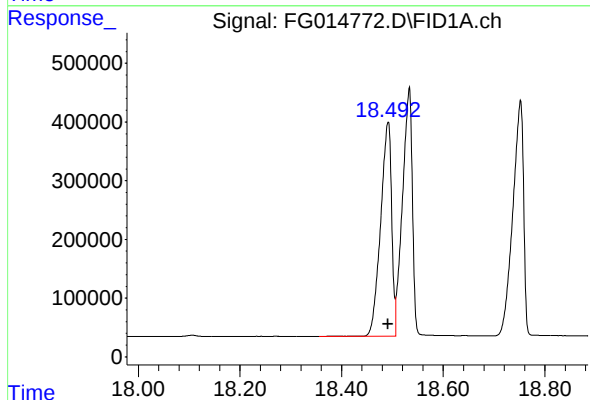
R.T.: 16.774 min
Delta R.T.: 0.000 min
Response: 5701531
Conc: 49.46 ug/ml

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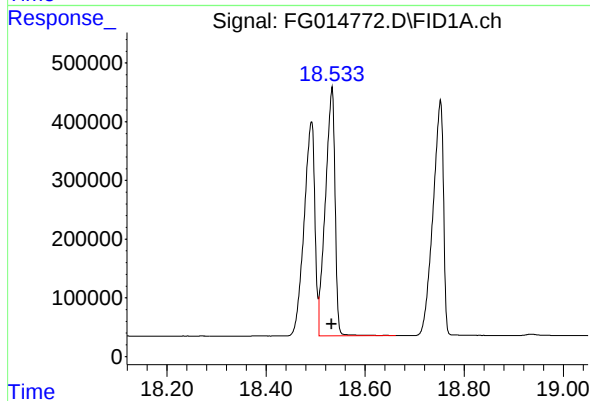
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.119 min
Delta R.T.: 0.000 min
Response: 5519036
Conc: 49.42 ug/ml



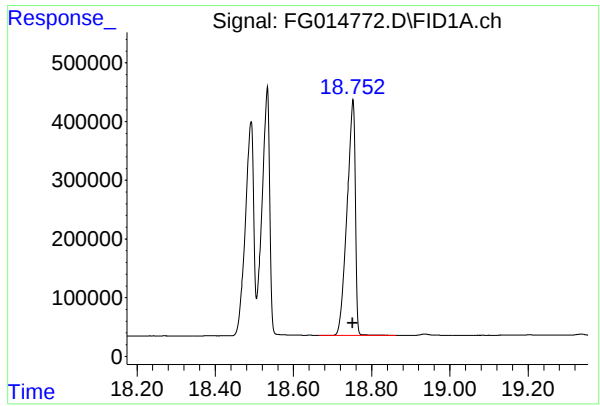
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.491 min
Delta R.T.: 0.000 min
Response: 5514313
Conc: 49.33 ug/ml



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

R.T.: 18.532 min
Delta R.T.: 0.000 min
Response: 5699964
Conc: 49.78 ug/ml



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

R.T.: 18.751 min
Delta R.T.: 0.000 min
Response: 5884434
Conc: 49.48 ug/ml

Instrument :
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ClientSampleId :
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