

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080624AR\
 Data File : FG014069.D
 Signal(s) : FID1A.ch
 Acq On : 06 Aug 2024 16:45
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Aug 06 16:58:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 080624.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 16:58:28 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...	7.894	1152009	10.353 ug/ml
Spiked Amount 50.000		Recovery =	20.71%
6) S 2-Fluorobiphenyl (SURR)	8.768	763779	10.170 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.34%
11) S ortho-Terphenyl (SURR)	11.835	1363093	10.471 ug/ml
Spiked Amount 50.000		Recovery =	20.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.499	1336297	10.490 ug/ml
2) T Naphthalene (C11.7)	6.168	1375126	10.367 ug/ml
3) T 2-Methylnaphthalene (...)	7.265	1340769	10.204 ug/ml
5) T Acenaphthylene (C15.06)	8.566	1365500	10.425 ug/ml
7) T Acenaphthene (C15.5)	8.865	1413952	10.647 ug/ml
8) T Fluorene (C16.55)	9.656	1313550	10.313 ug/ml
9) T Phenanthrene (C19.36)	11.063	1272362	10.206 ug/ml
10) T Anthracene (C19.43)	11.139	1305730	10.627 ug/ml
12) T Fluoranthene (C21.85)	12.885	1316377	10.514 ug/ml
13) T Pyrene (C20.8)	13.183	1332971	10.676 ug/ml
14) T Benzo[a]anthracene (C...	15.065	1168533	10.012 ug/ml
15) T Chrysene (C27.41)	15.108	1465207	11.198 ug/ml
16) T benzo[b]fluoranthene ...	16.625	1242991	10.038 ug/ml
17) T Bnezo[k]fluoranthene ...	16.657	1428125	11.199 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.008	1316523	10.534 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.382	1044259	10.282 ug/ml
20) T Dibenz[a,h]anthracene...	18.422	1705227	11.955 ug/ml
21) T Benzo[g,h,i]perylene ...	18.635	1507085	11.378 ug/ml

(f)=RT Delta > 1/2 Window

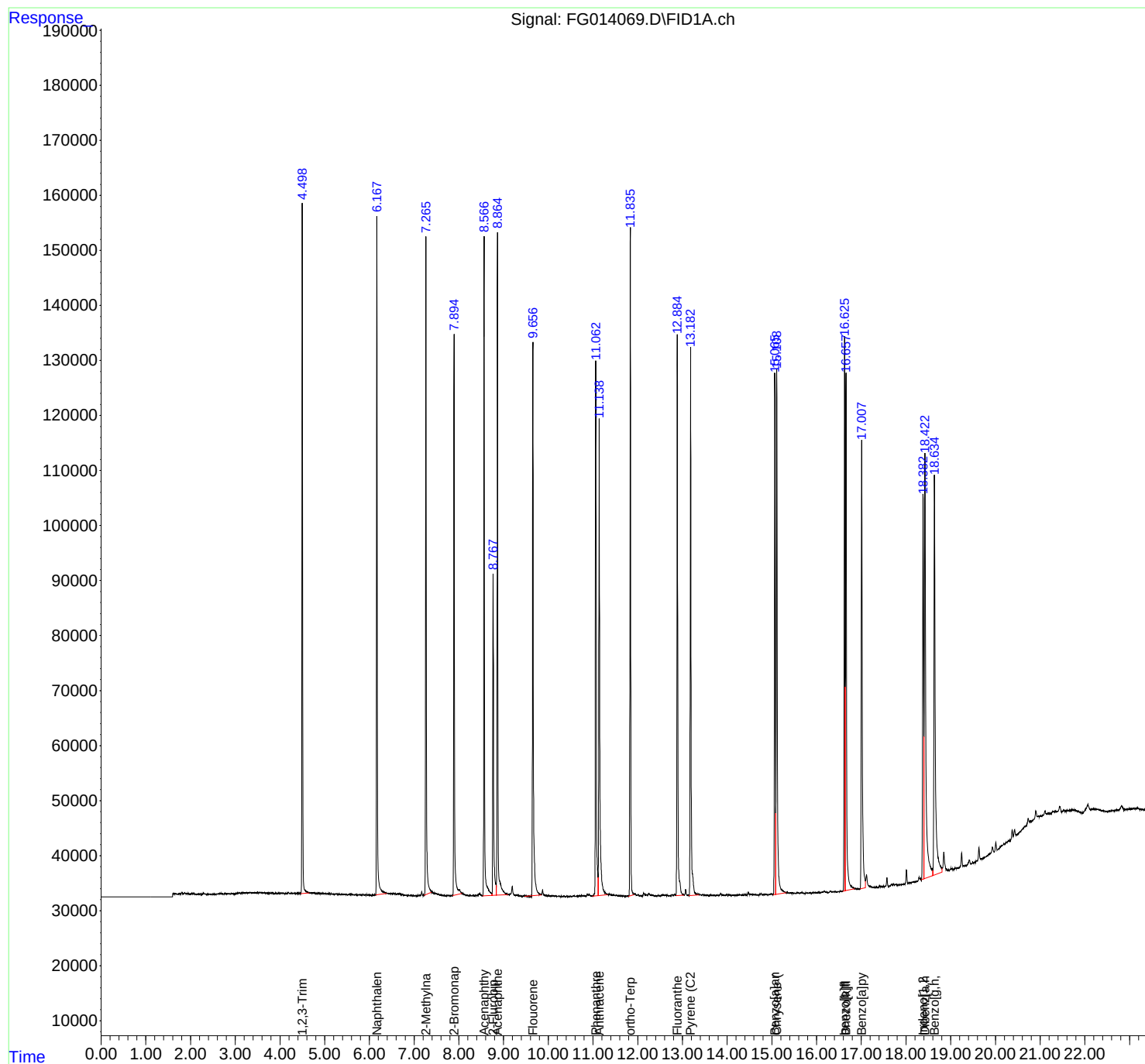
(m)=manual int.

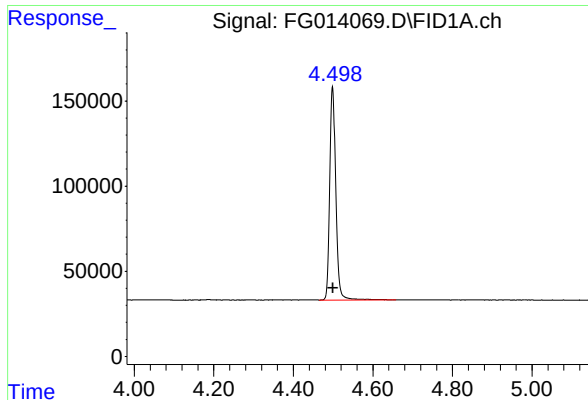
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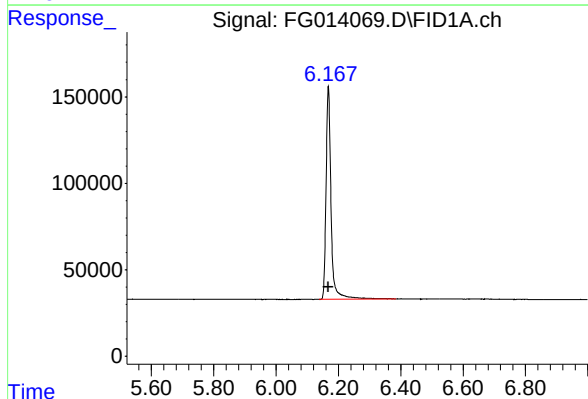




#1 1,2,3-Trimethylbenzene (C10.1)

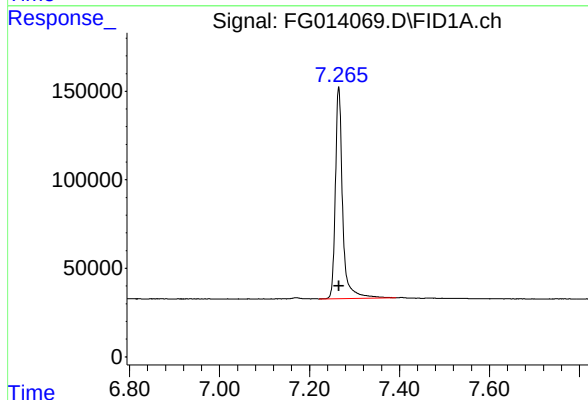
R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 1336297
Conc: 10.49 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



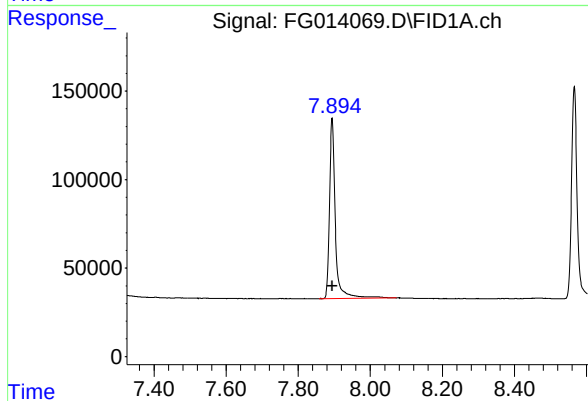
#2 Naphthalene (C11.7)

R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 1375126
Conc: 10.37 ug/ml



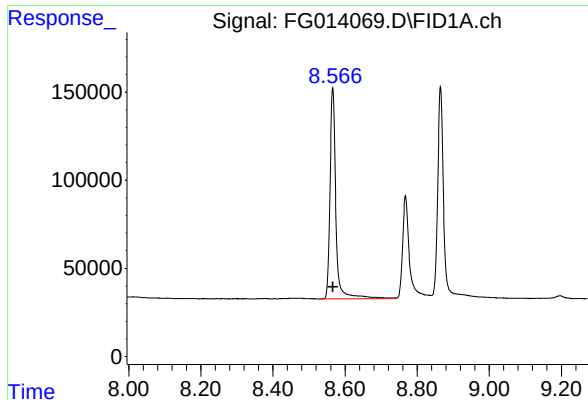
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.265 min
Delta R.T.: 0.000 min
Response: 1340769
Conc: 10.20 ug/ml



#4 2-Bromonaphthalene (SURR)

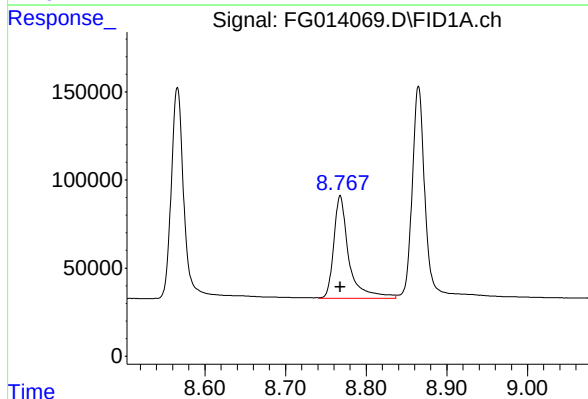
R.T.: 7.894 min
Delta R.T.: 0.000 min
Response: 1152009
Conc: 10.35 ug/ml



#5 Acenaphthylene (C15.06)

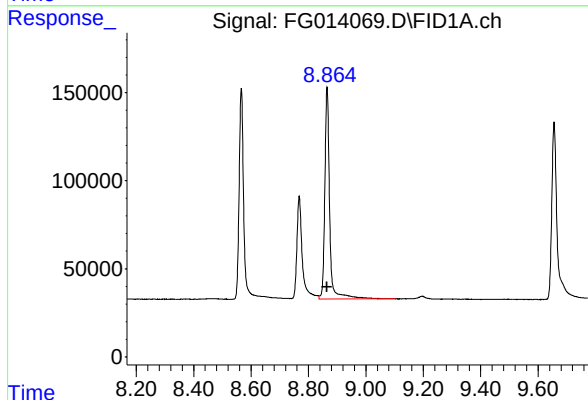
R.T.: 8.566 min
Delta R.T.: 0.000 min
Response: 1365500
Conc: 10.43 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



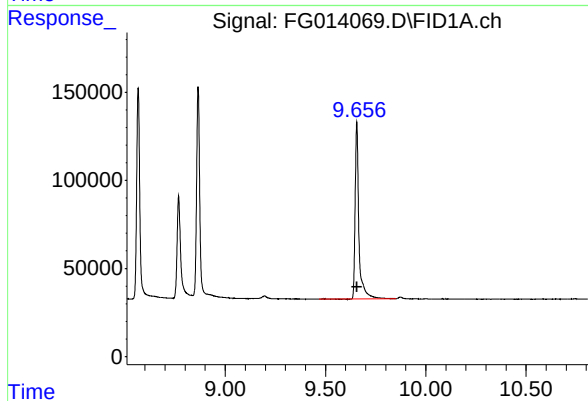
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.768 min
Delta R.T.: 0.000 min
Response: 763779
Conc: 10.17 ug/ml



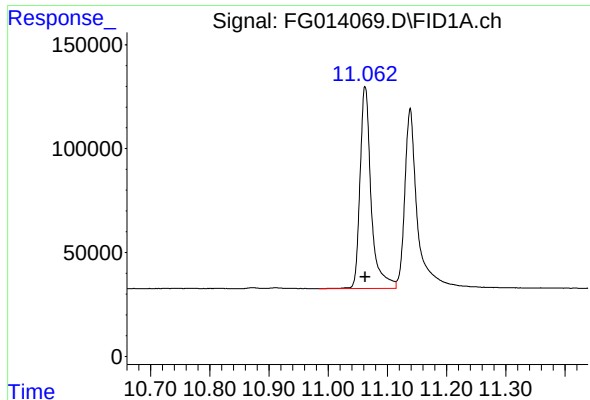
#7 Acenaphthene (C15.5)

R.T.: 8.865 min
Delta R.T.: 0.000 min
Response: 1413952
Conc: 10.65 ug/ml



#8 Flouorene (C16.55)

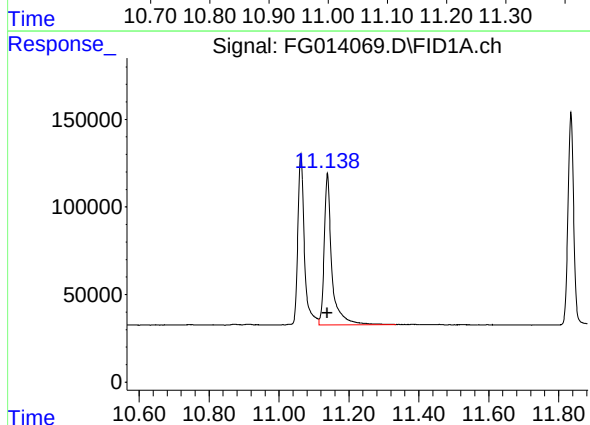
R.T.: 9.656 min
Delta R.T.: 0.000 min
Response: 1313550
Conc: 10.31 ug/ml



#9 Phenanthrene (C19.36)

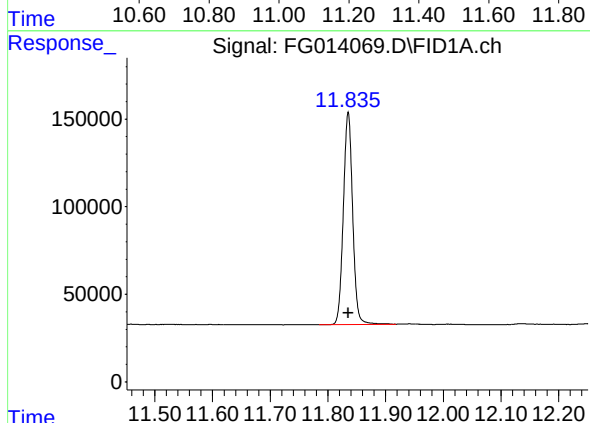
R.T.: 11.063 min
Delta R.T.: 0.000 min
Response: 1272362
Conc: 10.21 ug/ml

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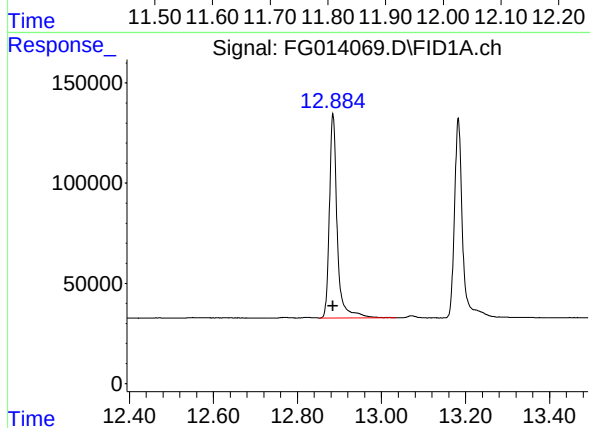
#10 Anthracene (C19.43)

R.T.: 11.139 min
Delta R.T.: 0.000 min
Response: 1305730
Conc: 10.63 ug/ml



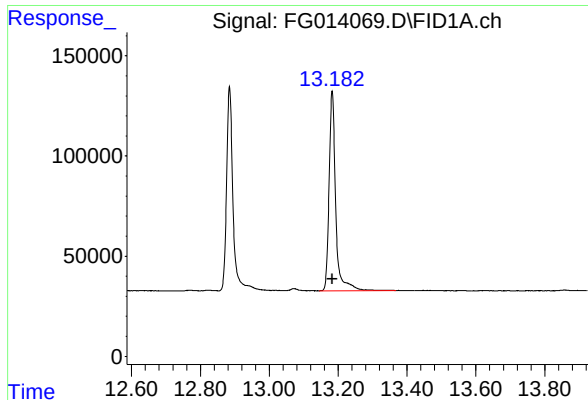
#11 ortho-Terphenyl (SURR)

R.T.: 11.835 min
Delta R.T.: 0.000 min
Response: 1363093
Conc: 10.47 ug/ml



#12 Fluoranthene (C21.85)

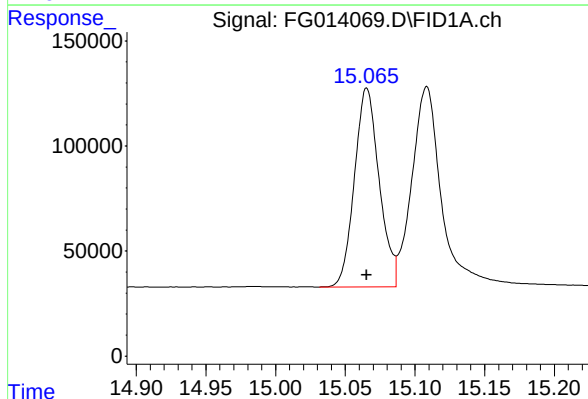
R.T.: 12.885 min
Delta R.T.: 0.000 min
Response: 1316377
Conc: 10.51 ug/ml



#13 Pyrene (C20.8)

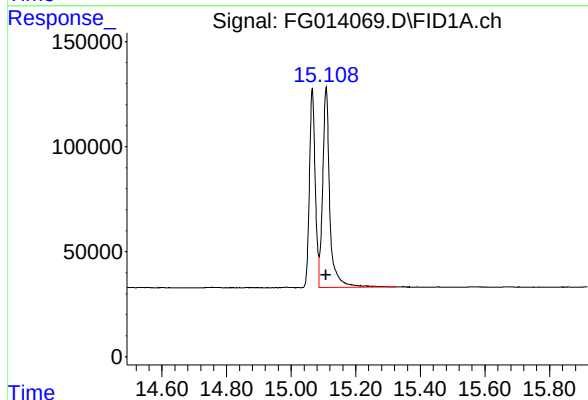
R.T.: 13.183 min
Delta R.T.: 0.000 min
Response: 1332971
Conc: 10.68 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



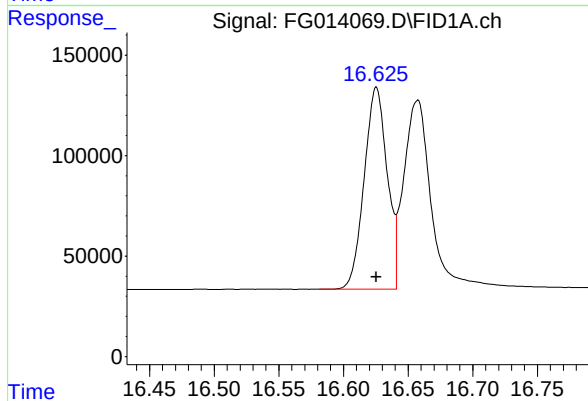
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.065 min
Delta R.T.: 0.000 min
Response: 1168533
Conc: 10.01 ug/ml



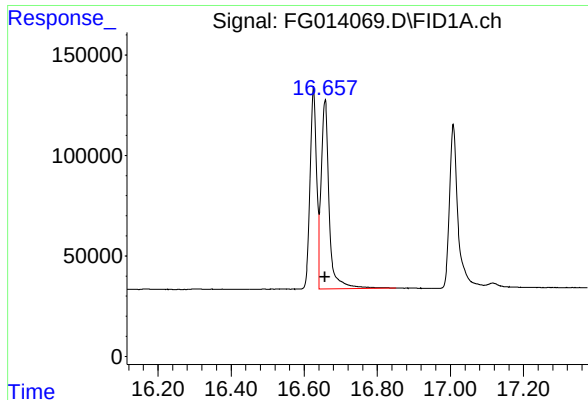
#15 Chrysene (C27.41)

R.T.: 15.108 min
Delta R.T.: 0.000 min
Response: 1465207
Conc: 11.20 ug/ml



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

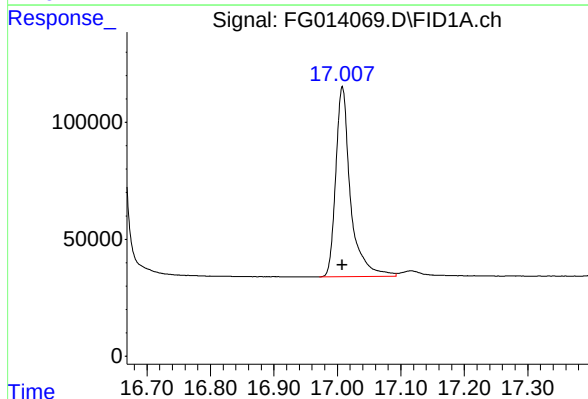
R.T.: 16.625 min
Delta R.T.: 0.000 min
Response: 1242991
Conc: 10.04 ug/ml



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

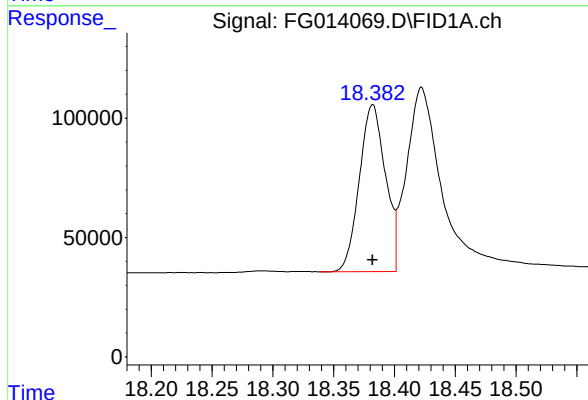
R.T.: 16.657 min
Delta R.T.: 0.000 min
Response: 1428125
Conc: 11.20 ug/ml

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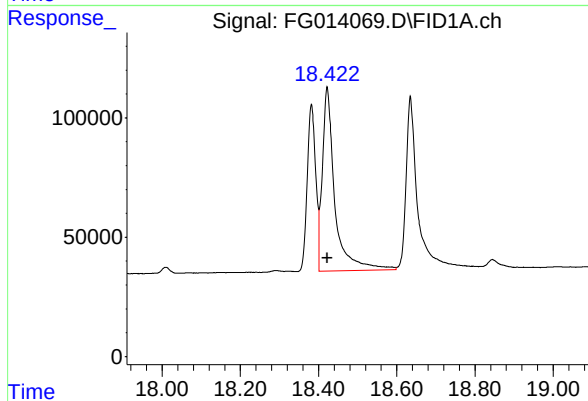
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.008 min
Delta R.T.: 0.000 min
Response: 1316523
Conc: 10.53 ug/ml



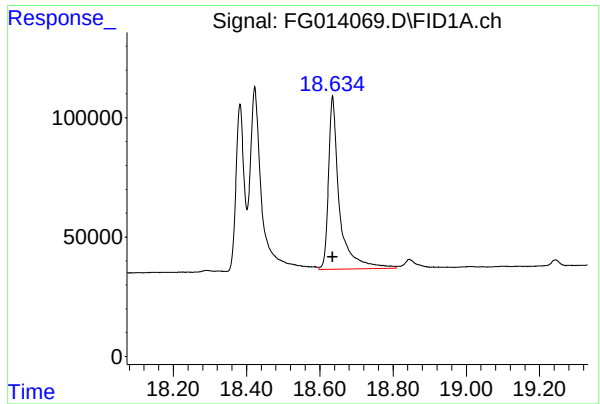
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.382 min
Delta R.T.: 0.000 min
Response: 1044259
Conc: 10.28 ug/ml



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

R.T.: 18.422 min
Delta R.T.: 0.000 min
Response: 1705227
Conc: 11.95 ug/ml



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

R.T.: 18.635 min
Delta R.T.: 0.000 min
Response: 1507085
Conc: 11.38 ug/ml

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ClientSampleId :
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