

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122120AR\
 Data File : FD035828.D
 Signal(s) : FID2B.CH
 Acq On : 22 Dec 2020 1:28
 Operator : DD\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 22 02:11:19 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 02:09:56 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.591	1107465	9.645 ug/ml
Spiked Amount 50.000		Recovery =	19.29%
6) S 2-Fluorobiphenyl (SURR)	8.461	680695	9.191 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	18.38%
11) S ortho-Terphenyl (SURR)	11.485	1356295	10.201 ug/ml
Spiked Amount 50.000		Recovery =	20.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.390	1288533	9.933 ug/ml
2) T Naphthalene (C11.7)	5.931	1269257	9.505 ug/ml
3) T 2-Methylnaphthalene (...)	6.982	1314556	10.056 ug/ml
5) T Acenaphthylene (C15.06)	8.254	1311175	10.033 ug/ml
7) T Acenaphthene (C15.5)	8.548	1432643	10.242 ug/ml
8) T Flouorene (C16.55)	9.334	1247714	9.694 ug/ml
9) T Phenanthrene (C19.36)	10.730	1241176	9.785 ug/ml
10) T Anthracene (C19.43)	10.808	1292982	9.952 ug/ml
12) T Fluoranthene (C21.85)	12.544	1263661	9.983 ug/ml
13) T Pyrene (C20.8)	12.840	1279290	10.052 ug/ml
14) T Benzo[a]anthracene (C...	14.716	961513	9.233 ug/ml
15) T Chrysene (C27.41)	14.758	1340972	10.816 ug/ml
16) T benzo[b]fluoranthene ...	16.269	940341	9.466 ug/ml
17) T Bnezo[k]fluoranthene ...	16.300	1208941	10.837 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.659	944690	10.066 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.028	1944551	24.060 ug/ml
20) T Dibenz[a,h]anthracene...	18.028	1944551	17.277 ug/ml
21) T Benzo[g,h,i]perylene ...	18.277	950018	10.039 ug/ml

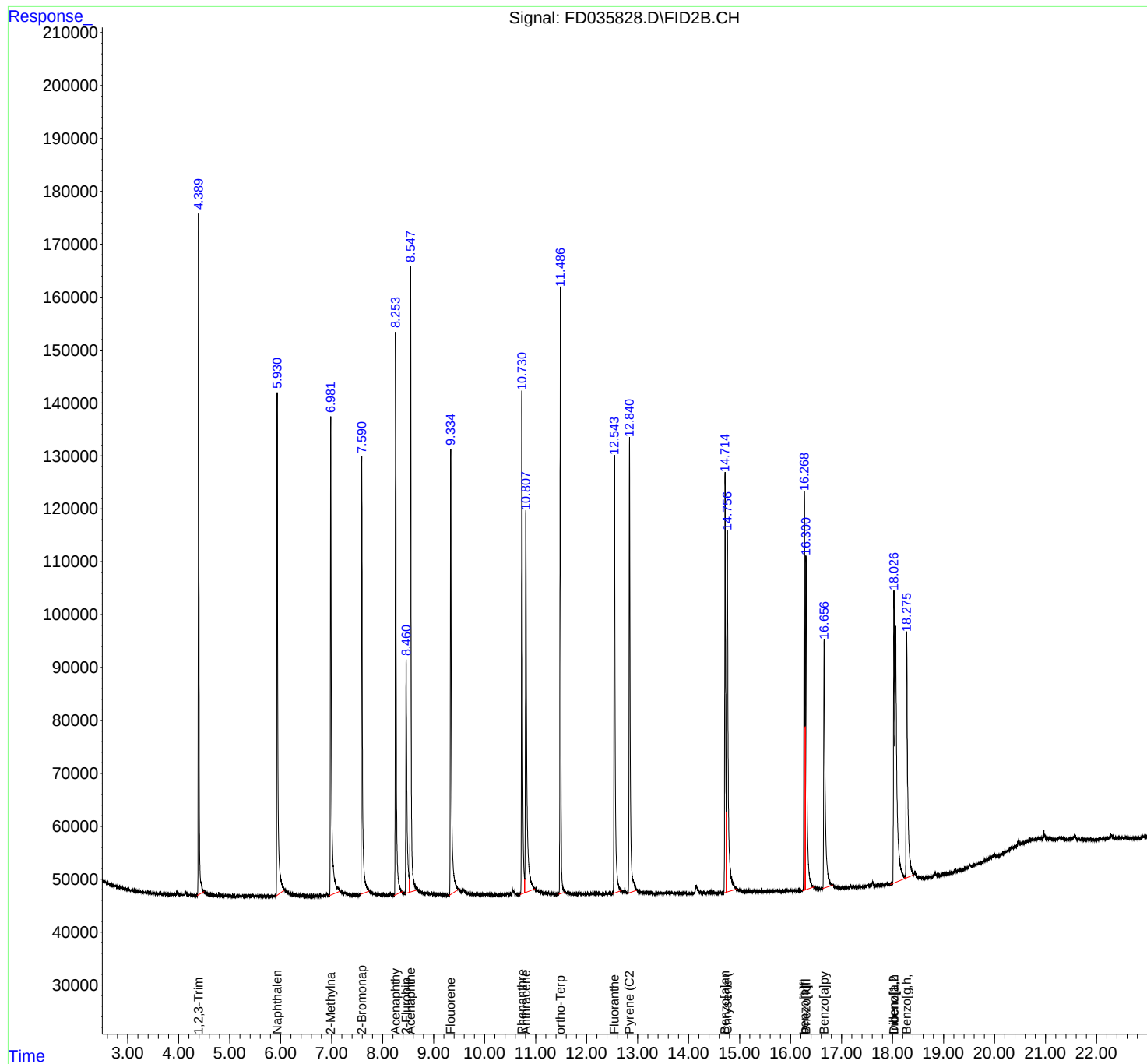
(f)=RT Delta > 1/2 Window

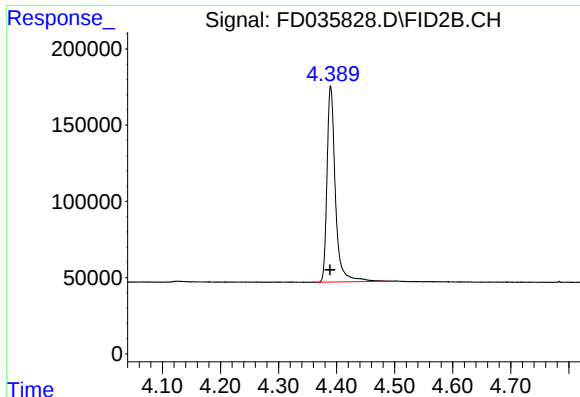
(m)=manual int.

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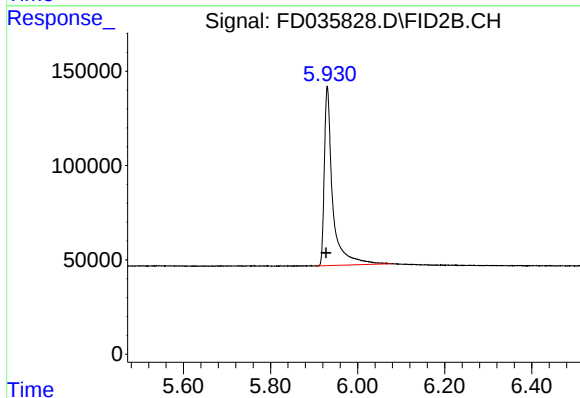
Volume Inj. : 1 µl
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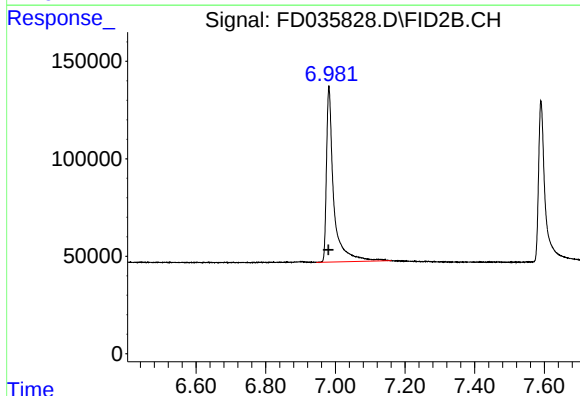
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.390 min
Delta R.T.: 0.001 min
Response: 1288533
Conc: 9.93 ug/ml



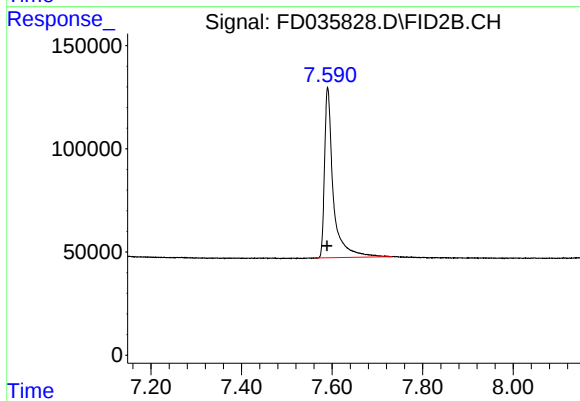
#2 Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: 0.003 min
Response: 1269257
Conc: 9.51 ug/ml



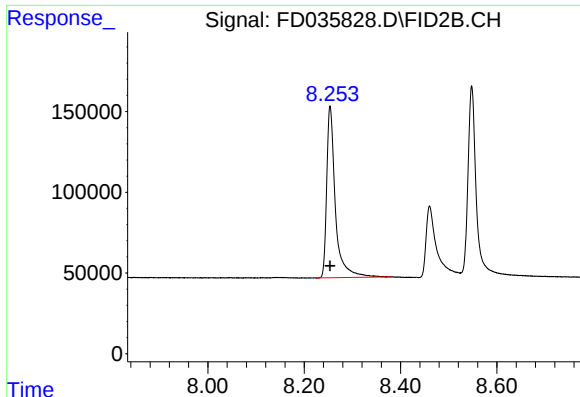
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.982 min
Delta R.T.: 0.002 min
Response: 1314556
Conc: 10.06 ug/ml



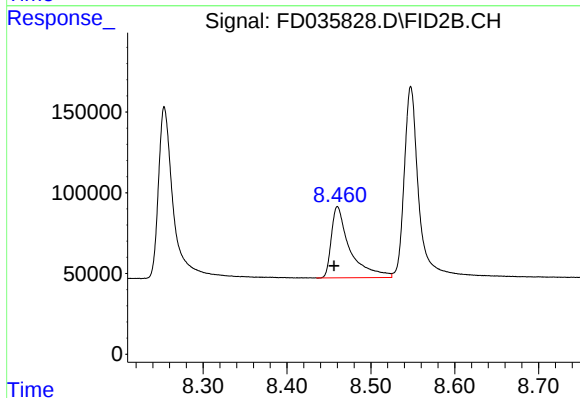
#4 2-Bromonaphthalene (SURR)

R.T.: 7.591 min
Delta R.T.: 0.002 min
Response: 1107465
Conc: 9.64 ug/ml



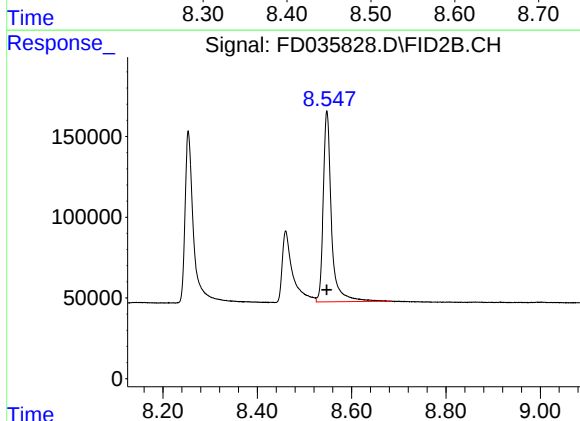
#5 Acenaphthylene (C15.06)

R.T.: 8.254 min
Delta R.T.: 0.000 min
Response: 1311175
Conc: 10.03 ug/ml



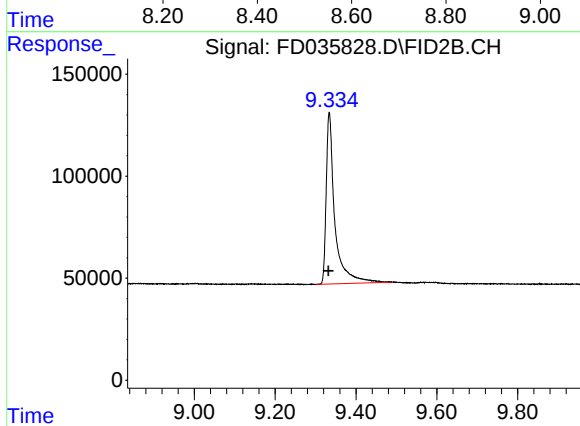
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.461 min
Delta R.T.: 0.005 min
Response: 680695
Conc: 9.19 ug/ml



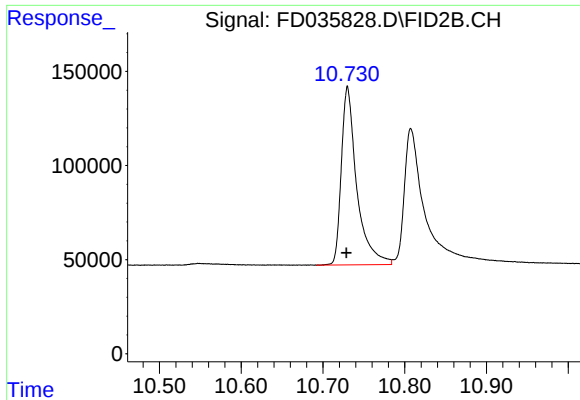
#7 Acenaphthene (C15.5)

R.T.: 8.548 min
Delta R.T.: 0.000 min
Response: 1432643
Conc: 10.24 ug/ml



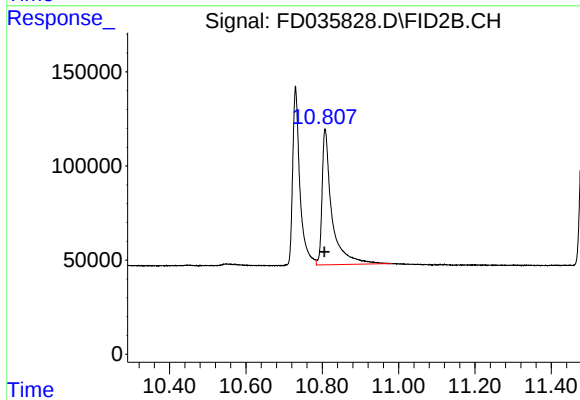
#8 Fluorene (C16.55)

R.T.: 9.334 min
Delta R.T.: 0.003 min
Response: 1247714
Conc: 9.69 ug/ml



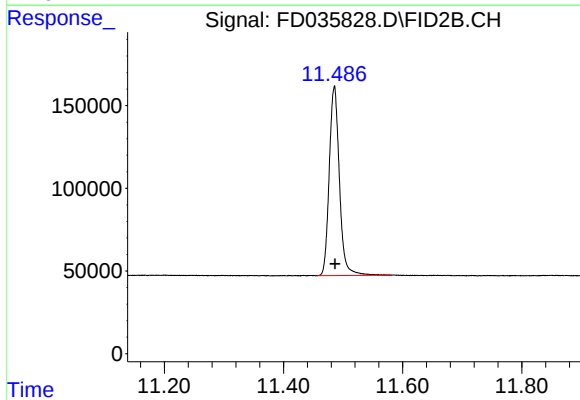
#9 Phenanthrene (C19.36)

R.T.: 10.730 min
Delta R.T.: 0.002 min
Response: 1241176
Conc: 9.79 ug/ml



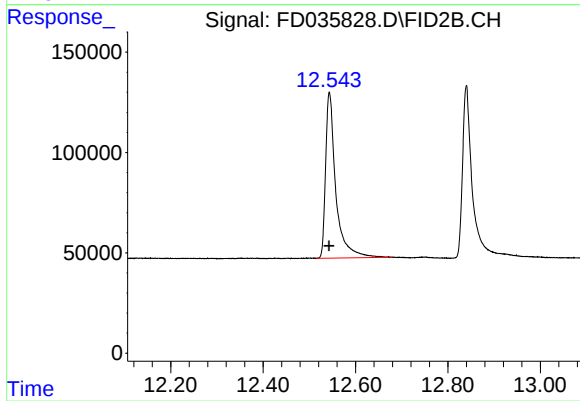
#10 Anthracene (C19.43)

R.T.: 10.808 min
Delta R.T.: 0.003 min
Response: 1292982
Conc: 9.95 ug/ml



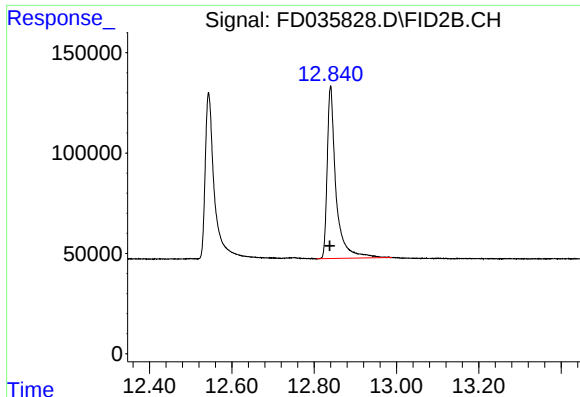
#11 ortho-Terphenyl (SURR)

R.T.: 11.485 min
Delta R.T.: -0.001 min
Response: 1356295
Conc: 10.20 ug/ml



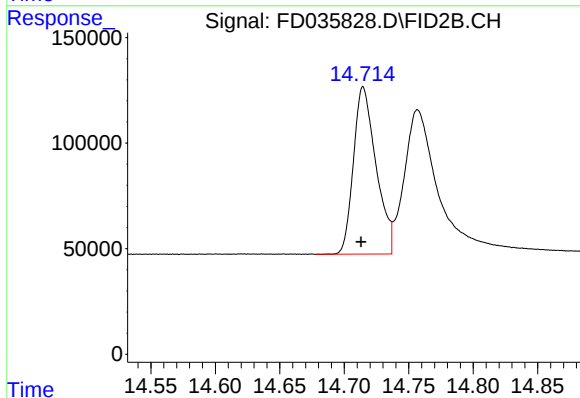
#12 Fluoranthene (C21.85)

R.T.: 12.544 min
Delta R.T.: 0.001 min
Response: 1263661
Conc: 9.98 ug/ml



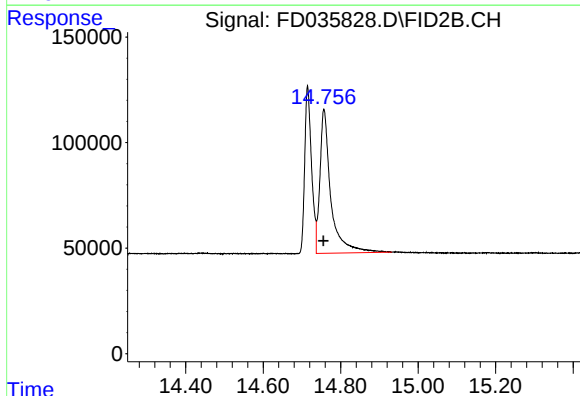
#13 Pyrene (C20.8)

R.T.: 12.840 min
Delta R.T.: 0.002 min
Response: 1279290
Conc: 10.05 ug/ml



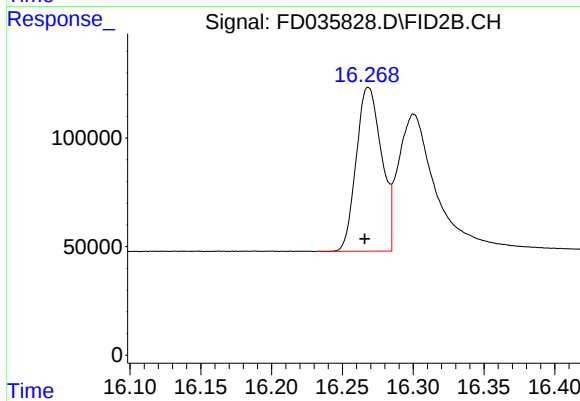
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.716 min
Delta R.T.: 0.003 min
Response: 961513
Conc: 9.23 ug/ml



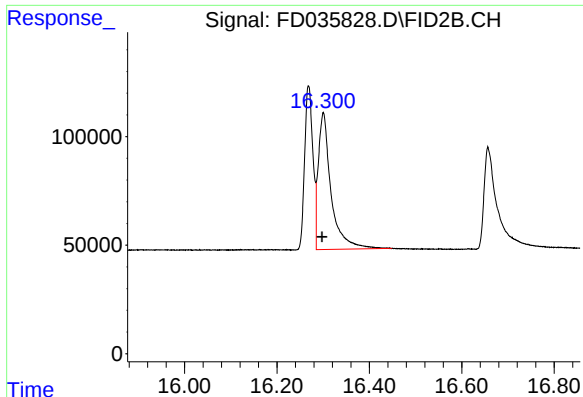
#15 Chrysene (C27.41)

R.T.: 14.758 min
Delta R.T.: 0.003 min
Response: 1340972
Conc: 10.82 ug/ml



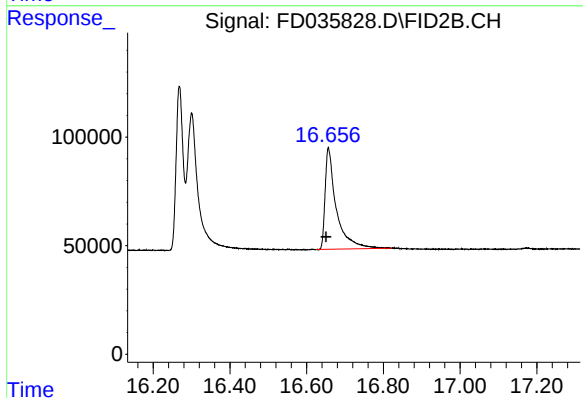
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.269 min
Delta R.T.: 0.003 min
Response: 940341
Conc: 9.47 ug/ml



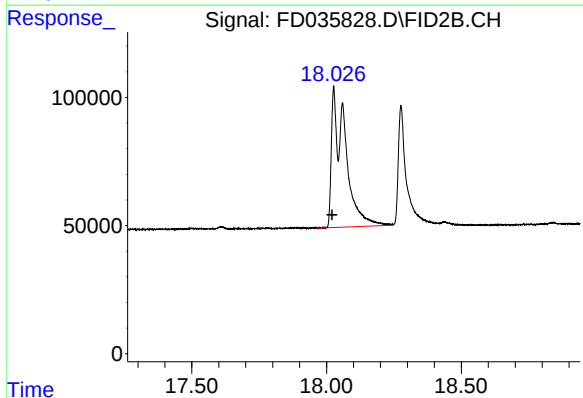
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.300 min
Delta R.T.: 0.003 min
Response: 1208941
Conc: 10.84 ug/ml



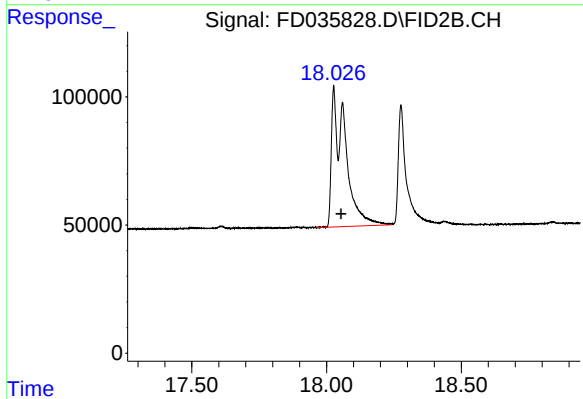
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.659 min
Delta R.T.: 0.008 min
Response: 944690
Conc: 10.07 ug/ml



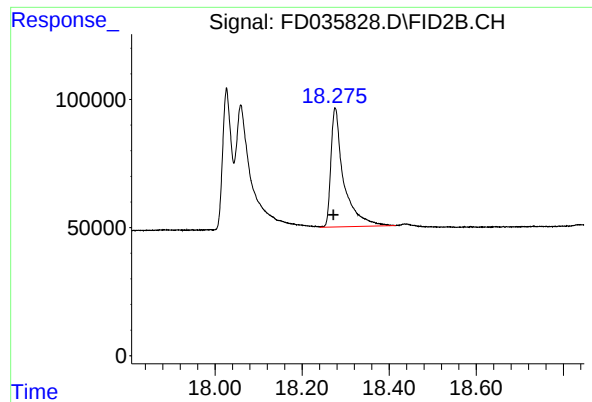
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.028 min
Delta R.T.: 0.007 min
Response: 1944551
Conc: 24.06 ug/ml



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

R.T.: 18.028 min
Delta R.T.: -0.026 min
Response: 1944551
Conc: 17.28 ug/ml



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

R.T.: 18.277 min
Delta R.T.: 0.005 min
Response: 950018
Conc: 10.04 ug/ml