

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100120AR\
 Data File : FD034912.D
 Signal(s) : FID2B.CH
 Acq On : 02 Oct 2020 4:23
 Operator : DD\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 02 10:22:22 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100120.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 02 10:20:39 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...	7.677	1195283	9.832 ug/ml
Spiked Amount 50.000		Recovery =	19.66%
6) S 2-Fluorobiphenyl (SURR)	8.543	841175	9.810 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.62%
11) S ortho-Terphenyl (SURR)	11.582	1422998	10.090 ug/ml
Spiked Amount 50.000		Recovery =	20.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.472	1337974	9.952 ug/ml
2) T Naphthalene (C11.7)	6.015	1403259	9.897 ug/ml
3) T 2-Methylnaphthalene (...)	7.067	1410122	9.867 ug/ml
5) T Acenaphthylene (C15.06)	8.344	1407080	10.050 ug/ml
7) T Acenaphthene (C15.5)	8.639	1429543	9.978 ug/ml
8) T Fluorene (C16.55)	9.421	1388335	9.918 ug/ml
9) T Phenanthrene (C19.36)	10.819	1378236	9.947 ug/ml
10) T Anthracene (C19.43)	10.894	1405904	10.118 ug/ml
12) T Fluoranthene (C21.85)	12.631	1370865	10.068 ug/ml
13) T Pyrene (C20.8)	12.928	1348735	10.242 ug/mlm
14) T Benzo[a]anthracene (C...	14.800	1183892	9.950 ug/ml
15) T Chrysene (C27.41)	14.842	1304379	10.410 ug/ml
16) T benzo[b]fluoranthene ...	16.350	1116307	10.016 ug/ml
17) T Bnezo[k]fluoranthene ...	16.380	1160915	10.434 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.729	1036064	10.150 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.093	916970	9.637 ug/ml
20) T Dibenz[a,h]anthracene...	18.132	1101249	10.483 ug/ml
21) T Benzo[g,h,i]perylene ...	18.346	996168	10.039 ug/ml

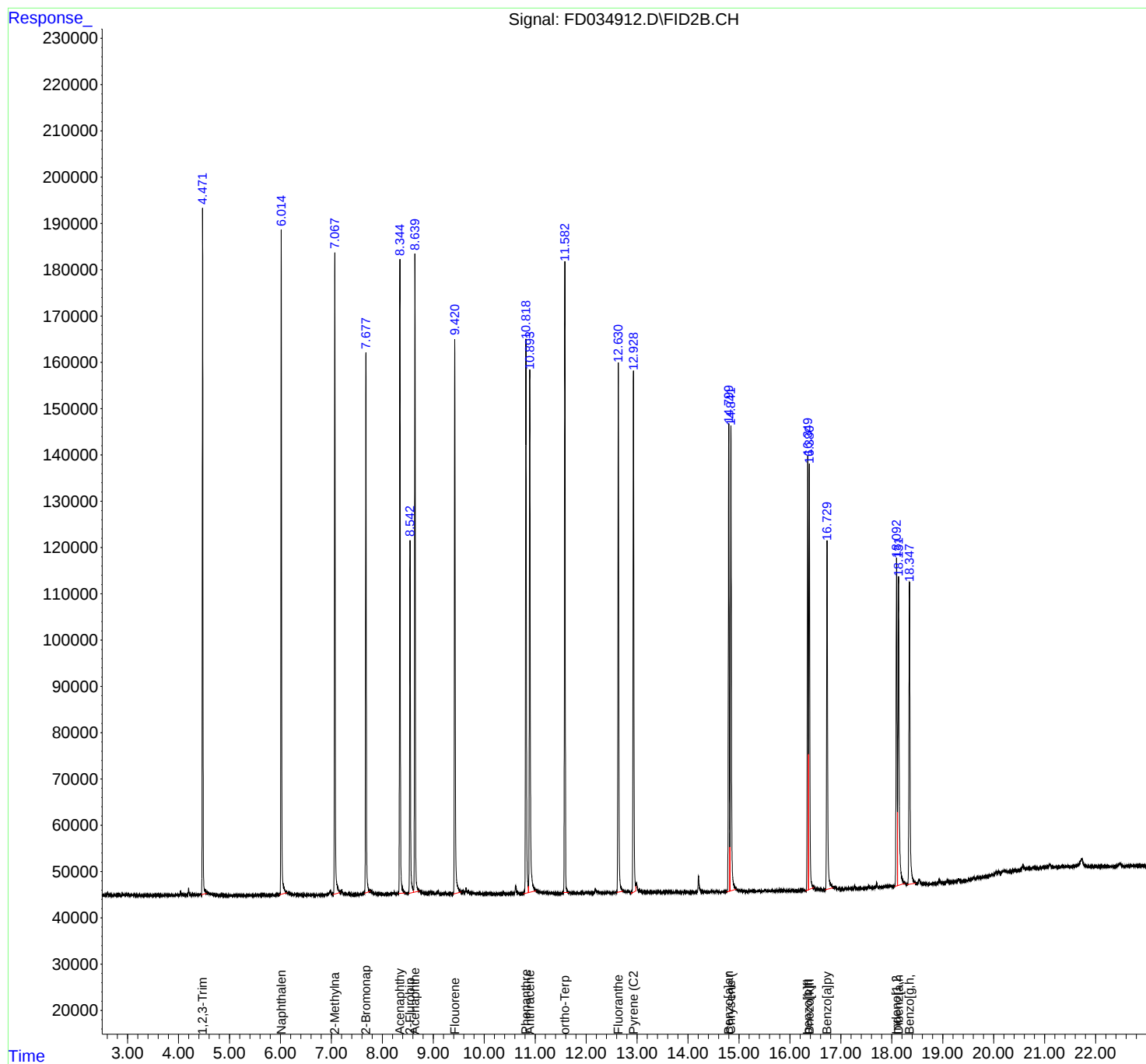
(f)=RT Delta > 1/2 Window

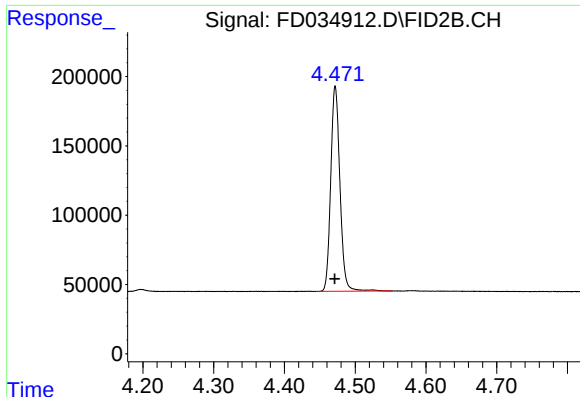
(m)=manual int.

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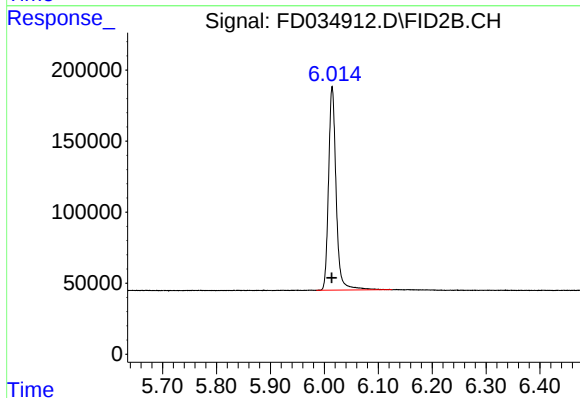
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Signal Info : 20M x 0.18mm x 0.18µm





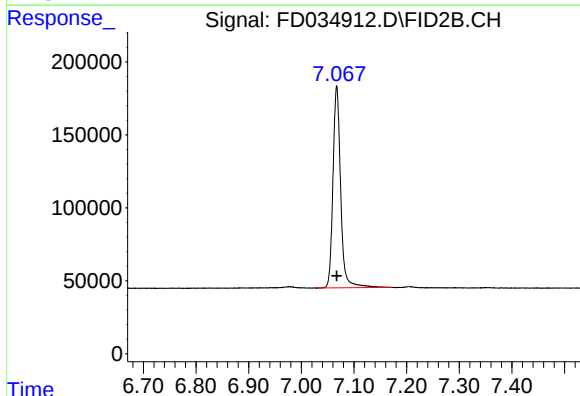
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.472 min
Delta R.T.: 0.001 min
Response: 1337974
Conc: 9.95 ug/ml



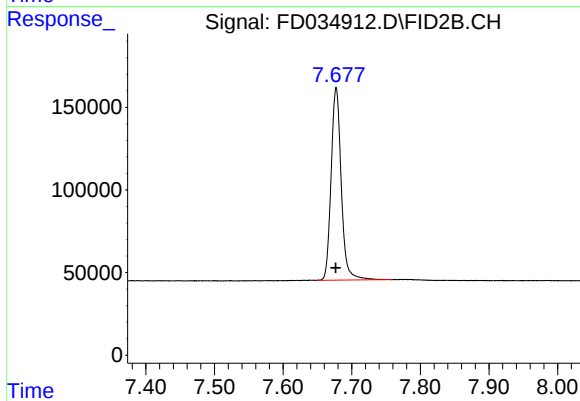
#2 Naphthalene (C11.7)

R.T.: 6.015 min
Delta R.T.: 0.001 min
Response: 1403259
Conc: 9.90 ug/ml



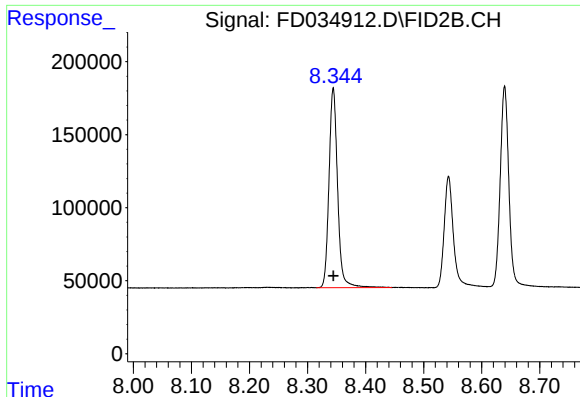
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.067 min
Delta R.T.: 0.000 min
Response: 1410122
Conc: 9.87 ug/ml



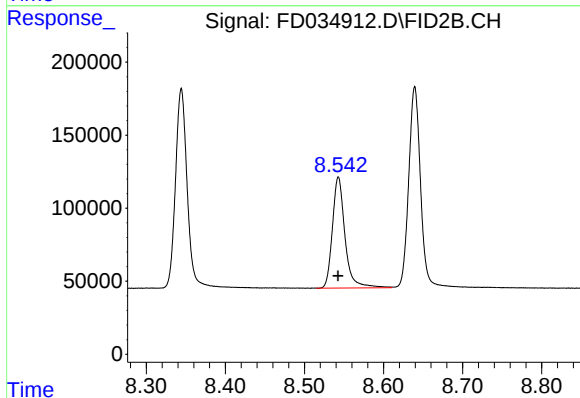
#4 2-Bromonaphthalene (SURR)

R.T.: 7.677 min
Delta R.T.: 0.000 min
Response: 1195283
Conc: 9.83 ug/ml



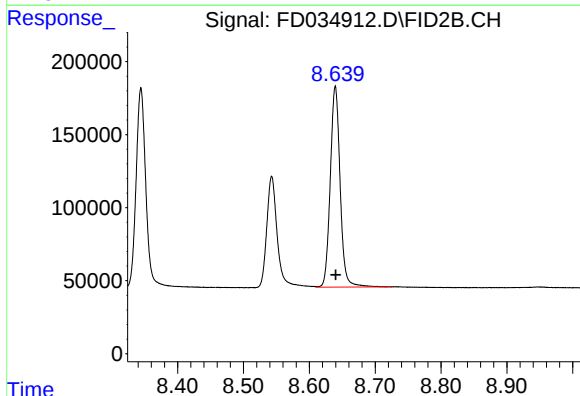
#5 Acenaphthylene (C15.06)

R.T.: 8.344 min
Delta R.T.: 0.000 min
Response: 1407080
Conc: 10.05 ug/ml



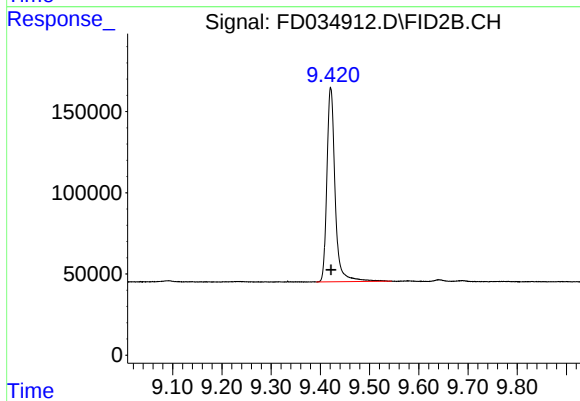
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.543 min
Delta R.T.: 0.000 min
Response: 841175
Conc: 9.81 ug/ml



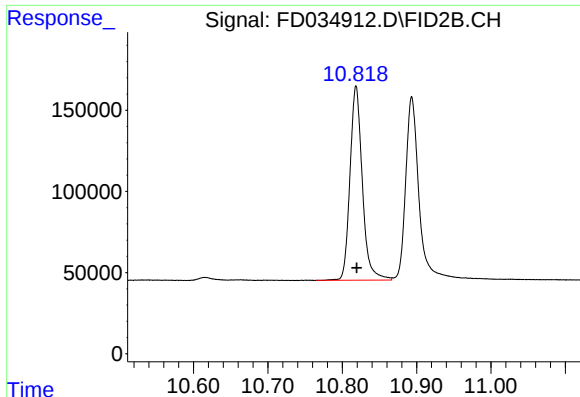
#7 Acenaphthene (C15.5)

R.T.: 8.639 min
Delta R.T.: 0.000 min
Response: 1429543
Conc: 9.98 ug/ml



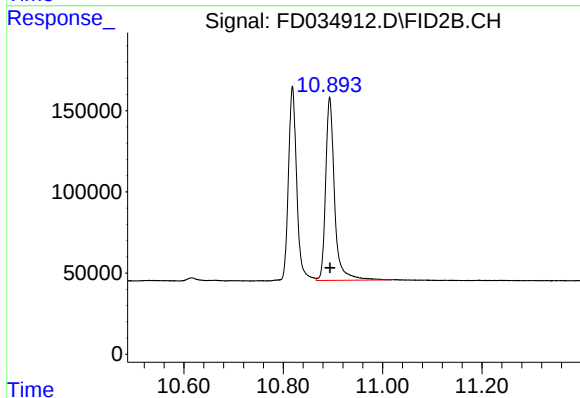
#8 Flouorene (C16.55)

R.T.: 9.421 min
Delta R.T.: 0.000 min
Response: 1388335
Conc: 9.92 ug/ml



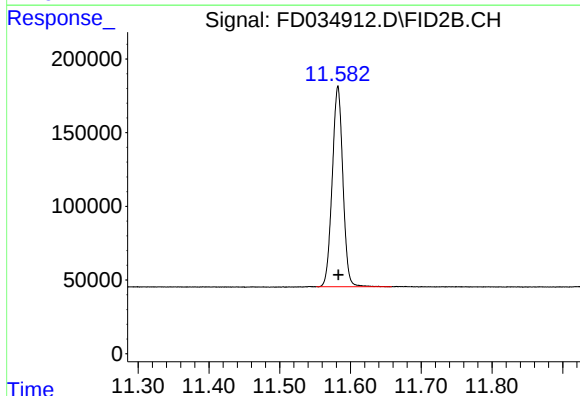
#9 Phenanthrene (C19.36)

R.T.: 10.819 min
Delta R.T.: 0.000 min
Response: 1378236
Conc: 9.95 ug/ml



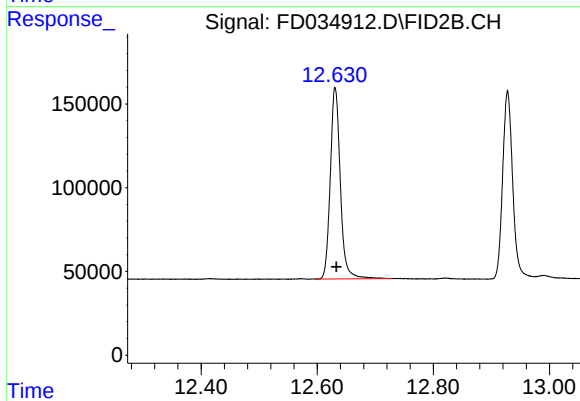
#10 Anthracene (C19.43)

R.T.: 10.894 min
Delta R.T.: 0.000 min
Response: 1405904
Conc: 10.12 ug/ml



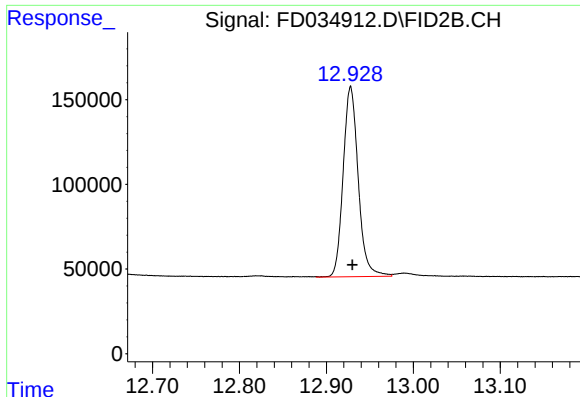
#11 ortho-Terphenyl (SURR)

R.T.: 11.582 min
Delta R.T.: -0.001 min
Response: 1422998
Conc: 10.09 ug/ml



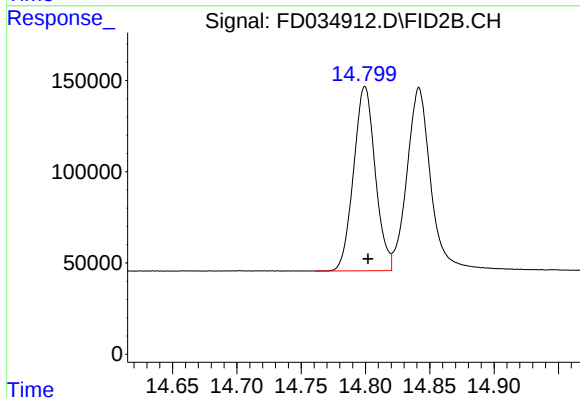
#12 Fluoranthene (C21.85)

R.T.: 12.631 min
Delta R.T.: -0.002 min
Response: 1370865
Conc: 10.07 ug/ml



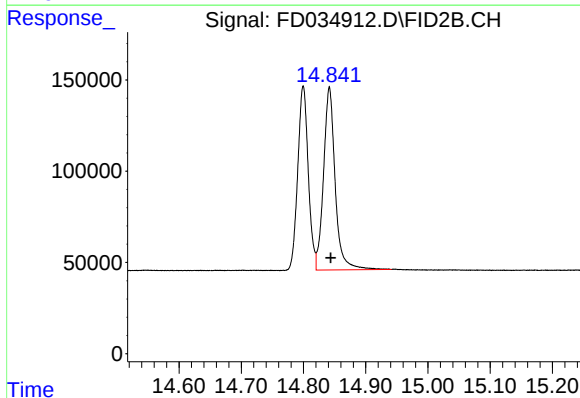
#13 Pyrene (C20.8)

R.T.: 12.928 min
Delta R.T.: -0.002 min
Response: 1348735
Conc: 10.24 ug/ml m



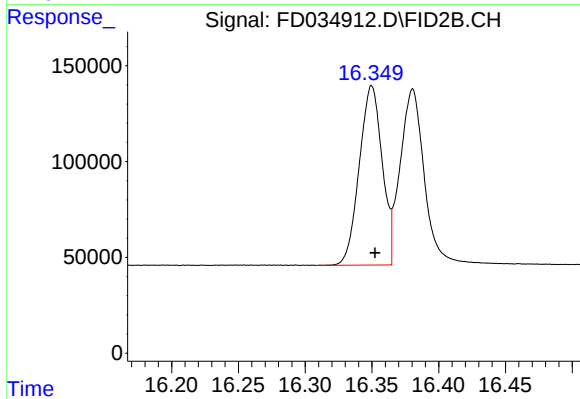
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.800 min
Delta R.T.: -0.002 min
Response: 1183892
Conc: 9.95 ug/ml



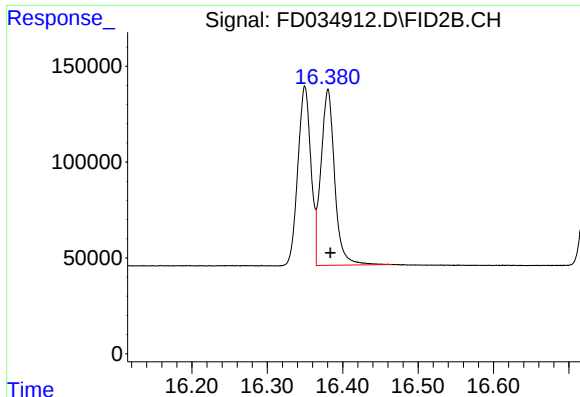
#15 Chrysene (C27.41)

R.T.: 14.842 min
Delta R.T.: -0.002 min
Response: 1304379
Conc: 10.41 ug/ml



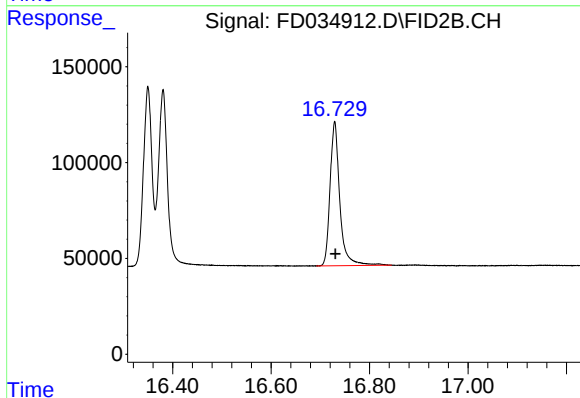
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.350 min
Delta R.T.: -0.003 min
Response: 1116307
Conc: 10.02 ug/ml



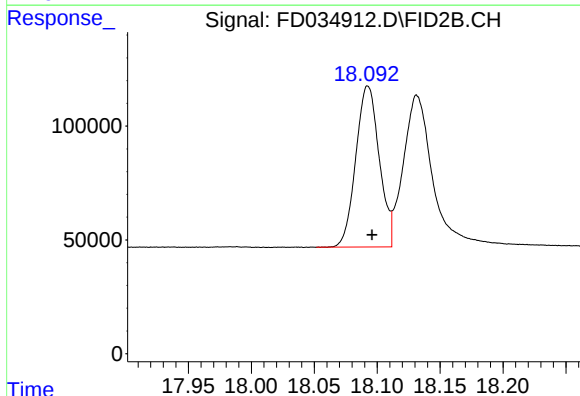
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.380 min
Delta R.T.: -0.003 min
Response: 1160915
Conc: 10.43 ug/ml



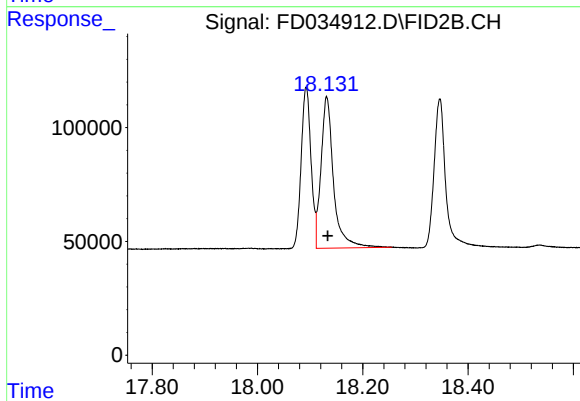
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.729 min
Delta R.T.: -0.002 min
Response: 1036064
Conc: 10.15 ug/ml



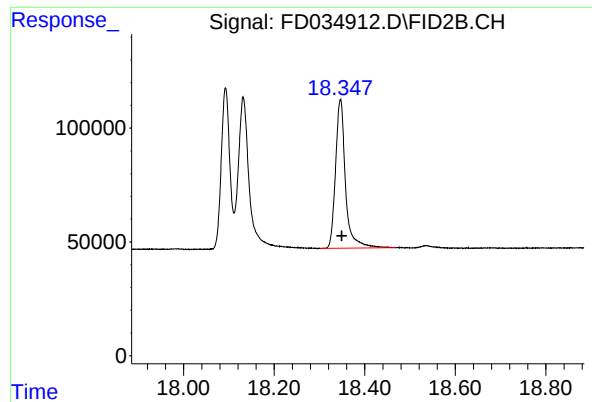
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.093 min
Delta R.T.: -0.003 min
Response: 916970
Conc: 9.64 ug/ml



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

R.T.: 18.132 min
Delta R.T.: -0.001 min
Response: 1101249
Conc: 10.48 ug/ml



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

R.T.: 18.346 min
Delta R.T.: -0.003 min
Response: 996168
Conc: 10.04 ug/ml