

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100319AR\
 Data File : FD030902.D
 Signal(s) : FID2B.CH
 Acq On : 04 Oct 2019 11:46
 Operator : DD\AJ
 Sample : K5094-05MSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 04 12:17:56 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 04:51:24 2019
 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...	7.569	7485945	43.963 ug/ml
Spiked Amount 50.000		Recovery =	87.93%
6) S 2-Fluorobiphenyl (SURR)	8.430	4408457	38.224 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.45%
11) S ortho-Terphenyl (SURR)	11.458	4526610	24.241 ug/ml
Spiked Amount 50.000		Recovery =	48.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.379	6705571	36.411 ug/ml
2) T Naphthalene (C11.7)	5.912	8356810	43.460 ug/ml
3) T 2-Methylnaphthalene (...)	6.962	8718738	45.773 ug/ml
5) T Acenaphthylene (C15.06)	8.234	8591097	46.643 ug/ml
7) T Acenaphthene (C15.5)	8.531	9166297	47.489 ug/ml
8) T Flouorene (C16.55)	9.310	9122916	48.266 ug/ml
9) T Phenanthrene (C19.36)	10.702	9134858	48.579 ug/ml
10) T Anthracene (C19.43)	10.779	9186760	50.267 ug/ml
12) T Fluoranthene (C21.85)	12.511	9008493	48.181 ug/ml
13) T Pyrene (C20.8)	12.807	8710570	47.367 ug/ml
14) T Benzo[a]anthracene (C...	14.673	8093187	46.776 ug/ml
15) T Chrysene (C27.41)	14.720	8843429	49.826 ug/ml
16) T benzo[b]fluoranthene ...	16.224	8511061	50.531 ug/ml
17) T Bnezo[k]fluoranthene ...	16.260	8164084	47.910 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.603	7792336	47.468 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.970	8479570	54.124 ug/ml
20) T Dibenz[a,h]anthracene...	18.006	7693053	49.165 ug/ml
21) T Benzo[g,h,i]perylene ...	18.228	8230072	53.443 ug/ml

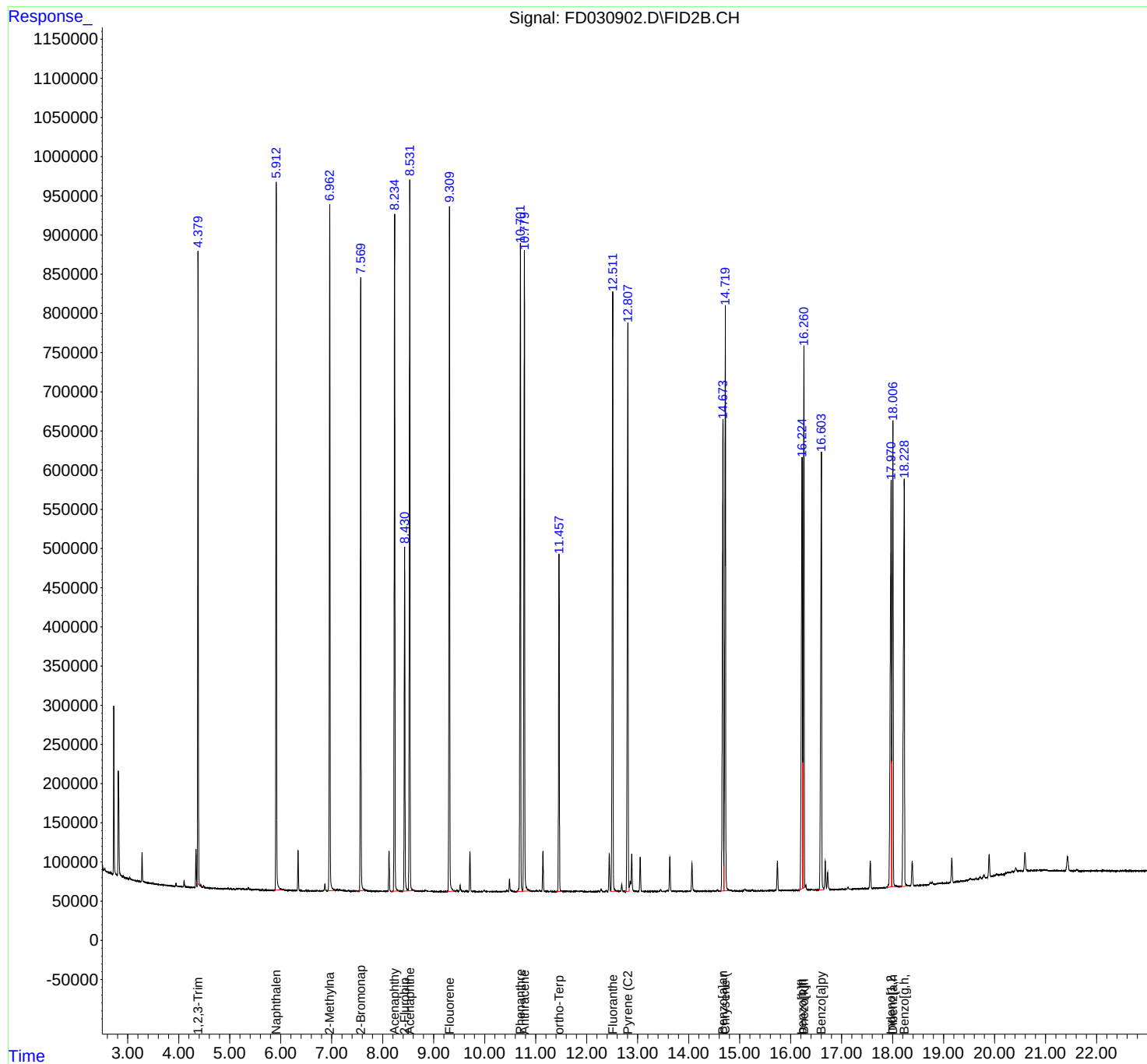
(f)=RT Delta > 1/2 Window

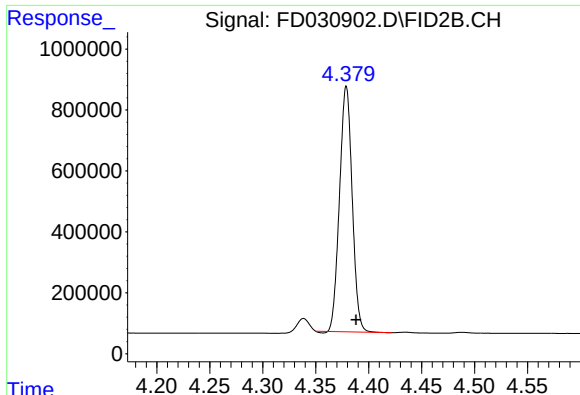
(m)=manual int.

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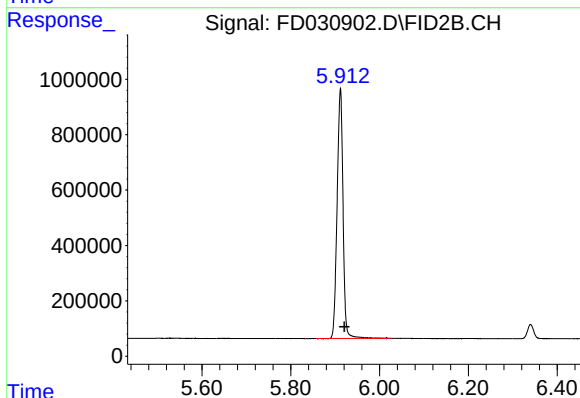
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Signal Info : 20M x 0.18mm x 0.18µm





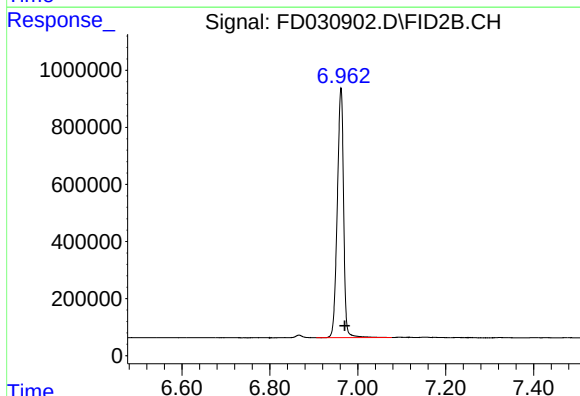
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.379 min
Delta R.T.: -0.009 min
Response: 6705571
Conc: 36.41 ug/ml



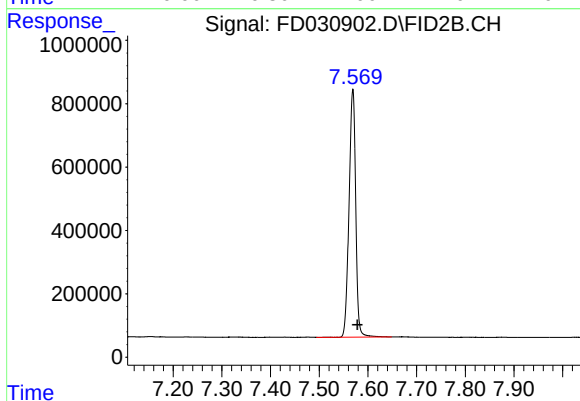
#2 Naphthalene (C11.7)

R.T.: 5.912 min
Delta R.T.: -0.009 min
Response: 8356810
Conc: 43.46 ug/ml



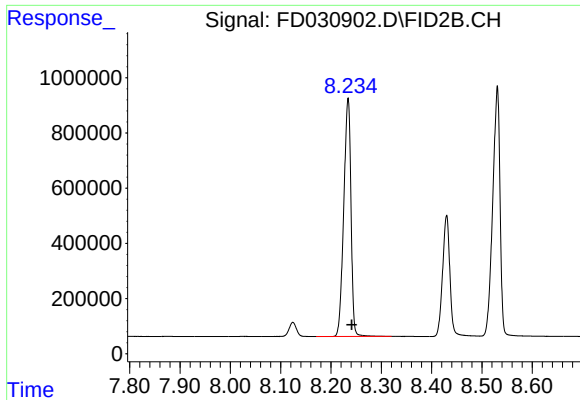
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.962 min
Delta R.T.: -0.008 min
Response: 8718738
Conc: 45.77 ug/ml



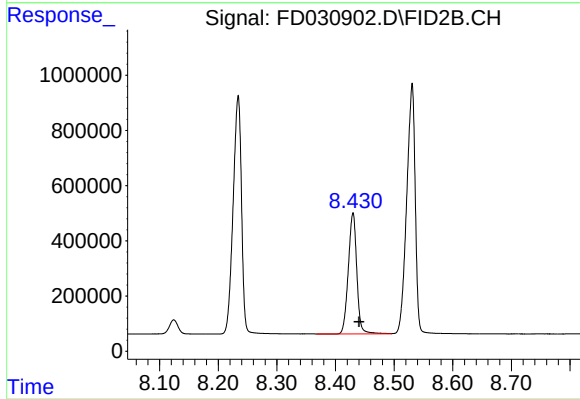
#4 2-Bromonaphthalene (SURR)

R.T.: 7.569 min
Delta R.T.: -0.010 min
Response: 7485945
Conc: 43.96 ug/ml



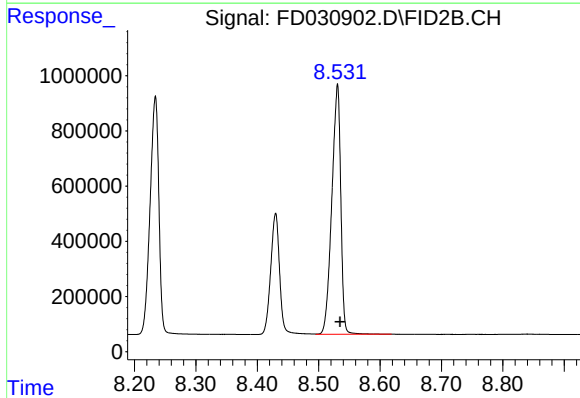
#5 Acenaphthylene (C15.06)

R.T.: 8.234 min
Delta R.T.: -0.007 min
Response: 8591097
Conc: 46.64 ug/ml



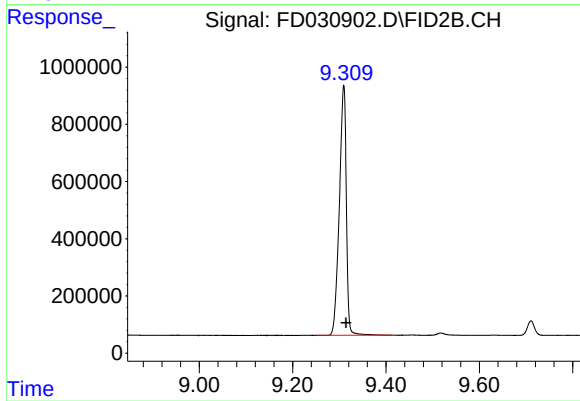
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.430 min
Delta R.T.: -0.010 min
Response: 4408457
Conc: 38.22 ug/ml



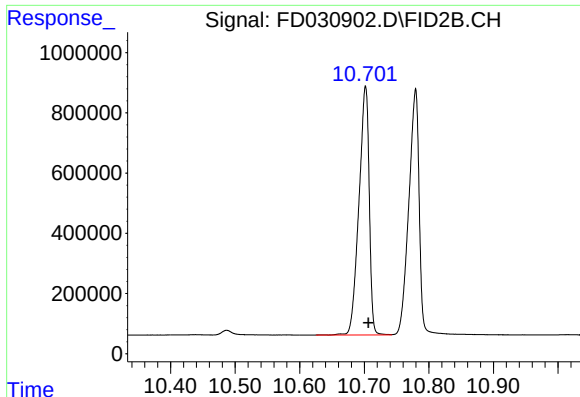
#7 Acenaphthene (C15.5)

R.T.: 8.531 min
Delta R.T.: -0.004 min
Response: 9166297
Conc: 47.49 ug/ml



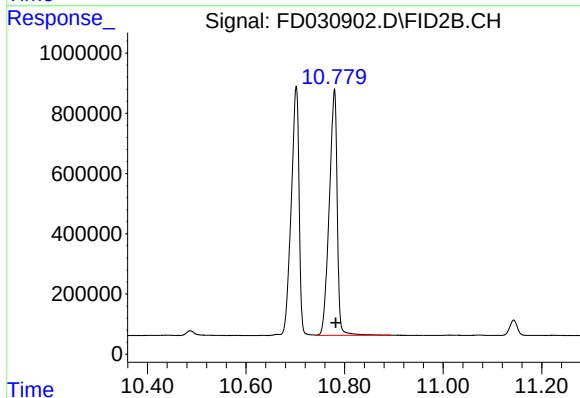
#8 Flouorene (C16.55)

R.T.: 9.310 min
Delta R.T.: -0.005 min
Response: 9122916
Conc: 48.27 ug/ml



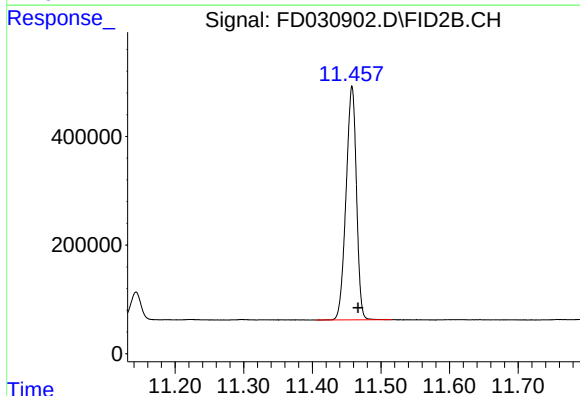
#9 Phenanthrene (C19.36)

R.T.: 10.702 min
Delta R.T.: -0.004 min
Response: 9134858
Conc: 48.58 ug/ml



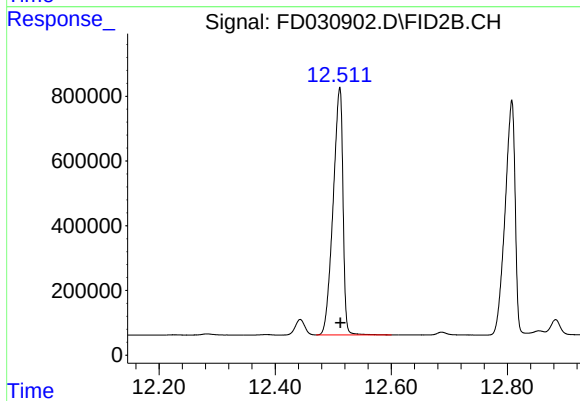
#10 Anthracene (C19.43)

R.T.: 10.779 min
Delta R.T.: -0.003 min
Response: 9186760
Conc: 50.27 ug/ml



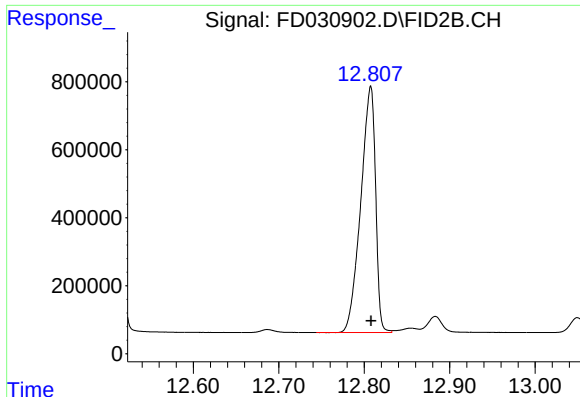
#11 ortho-Terphenyl (SURR)

R.T.: 11.458 min
Delta R.T.: -0.009 min
Response: 4526610
Conc: 24.24 ug/ml



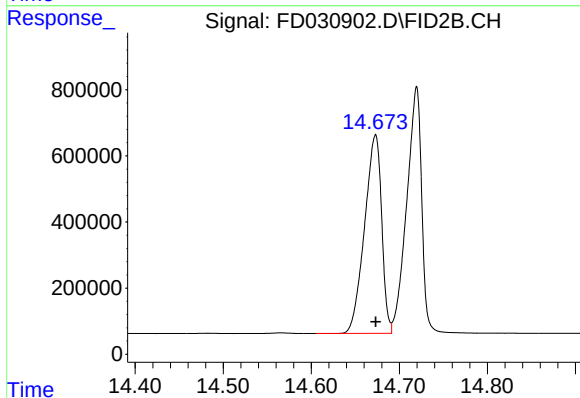
#12 Fluoranthene (C21.85)

R.T.: 12.511 min
Delta R.T.: -0.001 min
Response: 9008493
Conc: 48.18 ug/ml



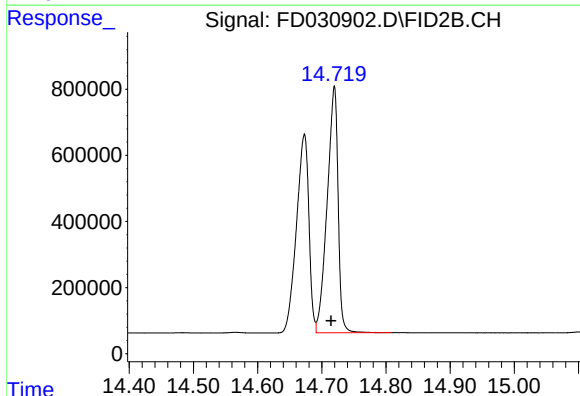
#13 Pyrene (C20.8)

R.T.: 12.807 min
Delta R.T.: 0.000 min
Response: 8710570
Conc: 47.37 ug/ml



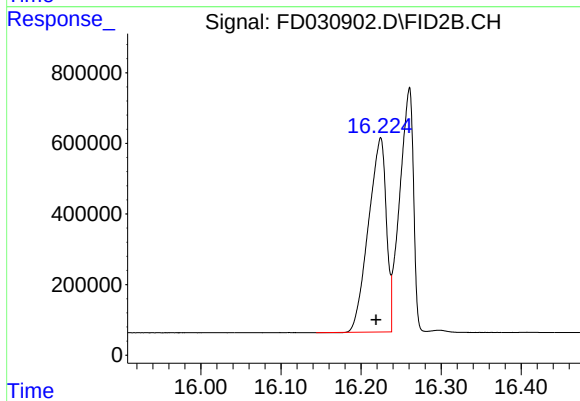
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.673 min
Delta R.T.: 0.000 min
Response: 8093187
Conc: 46.78 ug/ml



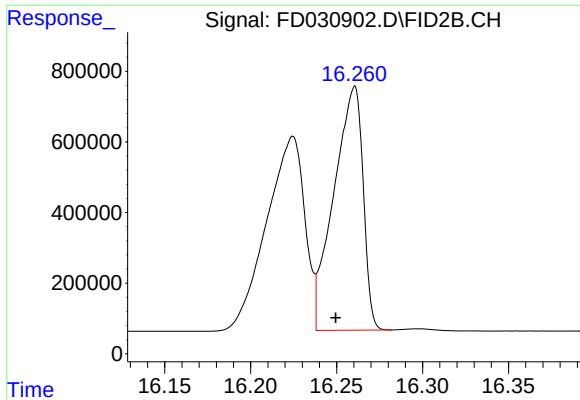
#15 Chrysene (C27.41)

R.T.: 14.720 min
Delta R.T.: 0.005 min
Response: 8843429
Conc: 49.83 ug/ml



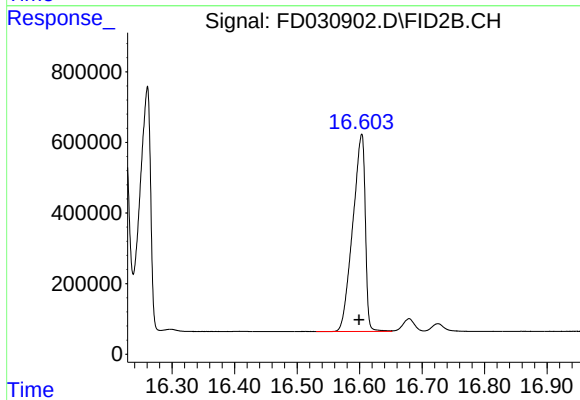
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.224 min
Delta R.T.: 0.006 min
Response: 8511061
Conc: 50.53 ug/ml



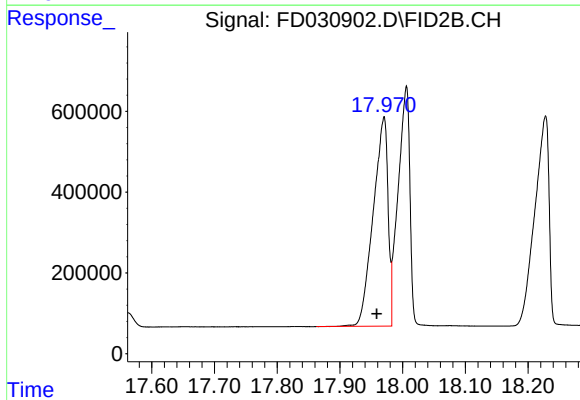
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.260 min
Delta R.T.: 0.011 min
Response: 8164084
Conc: 47.91 ug/ml



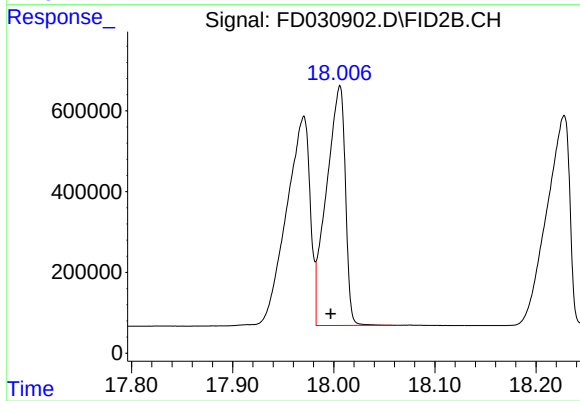
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.603 min
Delta R.T.: 0.004 min
Response: 7792336
Conc: 47.47 ug/ml



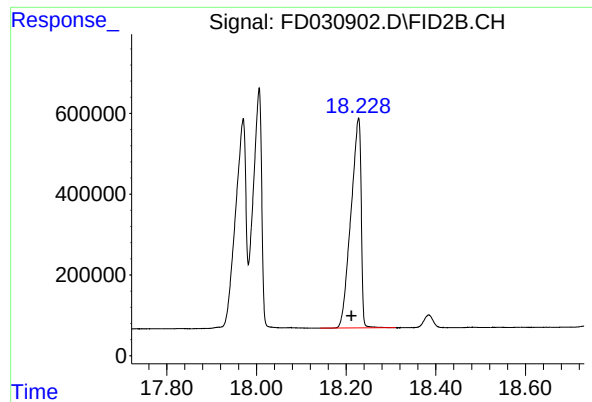
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.970 min
Delta R.T.: 0.011 min
Response: 8479570
Conc: 54.12 ug/ml



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

R.T.: 18.006 min
Delta R.T.: 0.009 min
Response: 7693053
Conc: 49.16 ug/ml



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

R.T.: 18.228 min
Delta R.T.: 0.016 min
Response: 8230072
Conc: 53.44 ug/ml