

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061820AR\
 Data File : FD033722.D
 Signal(s) : FID2B.CH
 Acq On : 19 Jun 2020 7:21
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 19 07:52:37 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061820.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 19 07:13:10 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...	7.568	2099467	19.130 ug/ml
Spiked Amount 50.000		Recovery =	38.26%
6) S 2-Fluorobiphenyl (SURR)	8.431	1413976	19.446 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.89%
11) S ortho-Terphenyl (SURR)	11.456	2606470	18.767 ug/ml
Spiked Amount 50.000		Recovery =	37.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.377	2424296	19.243 ug/ml
2) T Naphthalene (C11.7)	5.912	2374110	19.106 ug/ml
3) T 2-Methylnaphthalene (...)	6.960	2427839	19.157 ug/ml
5) T Acenaphthylene (C15.06)	8.231	2435907	18.908 ug/ml
7) T Acenaphthene (C15.5)	8.524	2545763	19.025 ug/ml
8) T Fluorene (C16.55)	9.305	2374546	19.124 ug/ml
9) T Phenanthrene (C19.36)	10.698	2440386	19.008 ug/ml
10) T Anthracene (C19.43)	10.774	2401739	19.278 ug/ml
12) T Fluoranthene (C21.85)	12.507	2504184	19.017 ug/ml
13) T Pyrene (C20.8)	12.802	2417431	18.823 ug/ml
14) T Benzo[a]anthracene (C...	14.676	2282242	19.268 ug/ml
15) T Chrysene (C27.41)	14.716	2507420	18.936 ug/ml
16) T benzo[b]fluoranthene ...	16.228	2269209	19.171 ug/ml
17) T Bnezo[k]fluoranthene ...	16.258	2422590	18.961 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.608	2296608	19.643 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.979	1955987	18.806 ug/ml
20) T Dibenz[a,h]anthracene...	18.012	2348941	19.459 ug/ml
21) T Benzo[g,h,i]perylene ...	18.230	2168384	19.249 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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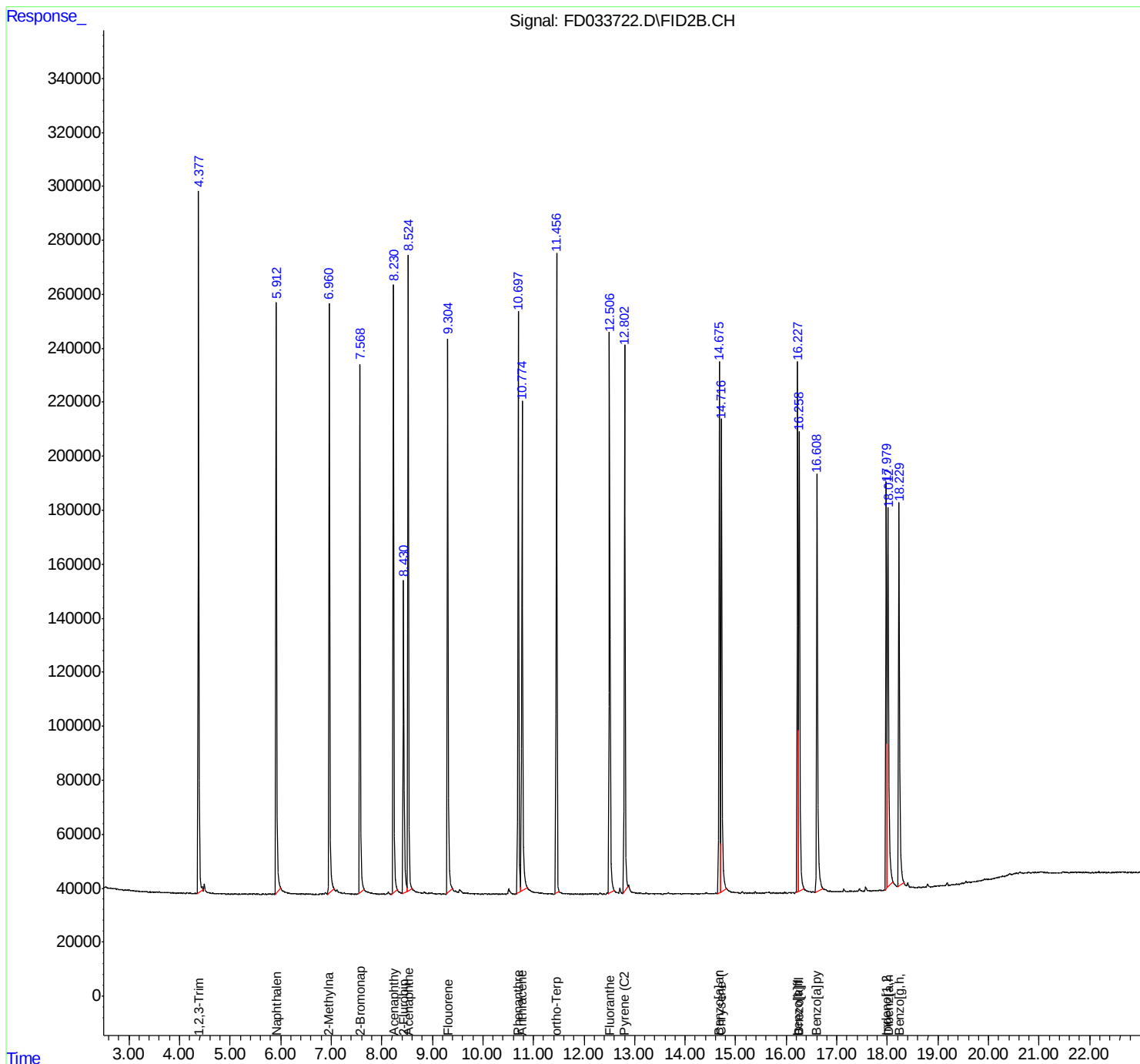
Response via : Initial Calibration

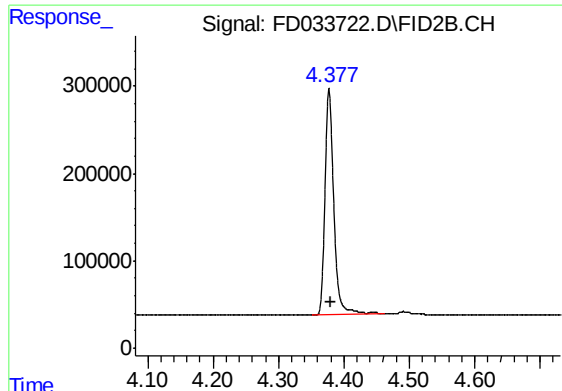
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

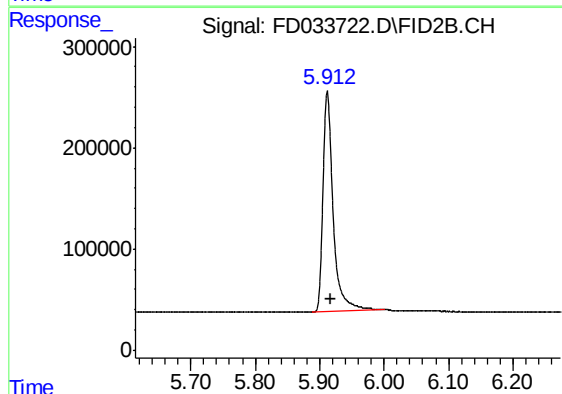
Signal Info : 20M x 0.18mm x 0.18µm





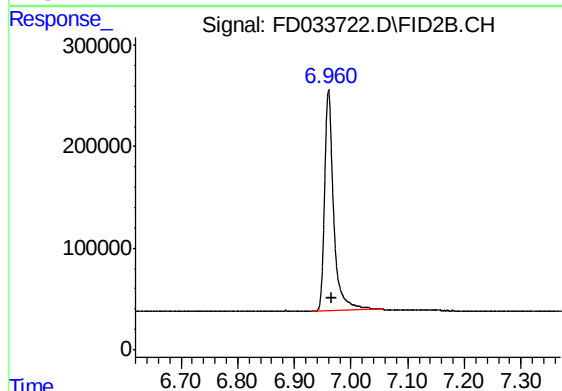
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.377 min
Delta R.T.: -0.002 min
Response: 2424296
Conc: 19.24 ug/ml



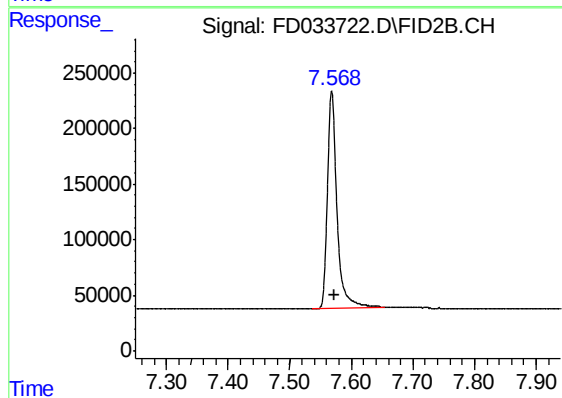
#2 Naphthalene (C11.7)

R.T.: 5.912 min
Delta R.T.: -0.005 min
Response: 2374110
Conc: 19.11 ug/ml



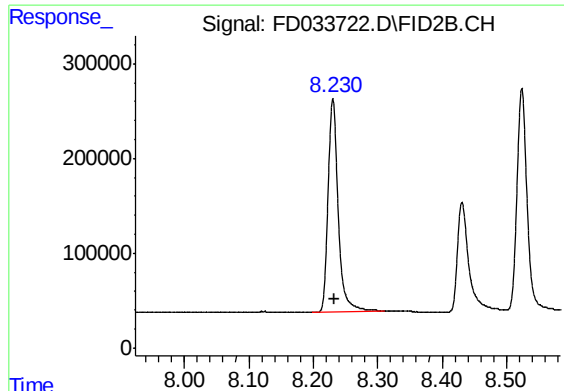
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.960 min
Delta R.T.: -0.005 min
Response: 2427839
Conc: 19.16 ug/ml



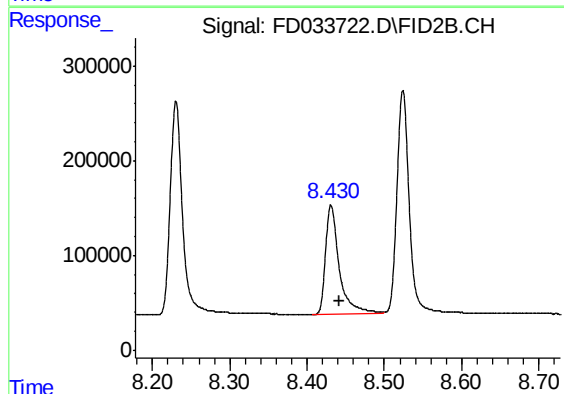
#4 2-Bromonaphthalene (SURR)

R.T.: 7.568 min
Delta R.T.: -0.004 min
Response: 2099467
Conc: 19.13 ug/ml



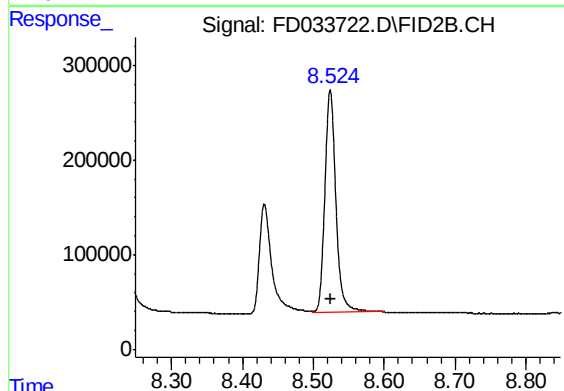
#5 Acenaphthylene (C15.06)

R.T.: 8.231 min
Delta R.T.: -0.003 min
Response: 2435907
Conc: 18.91 ug/ml



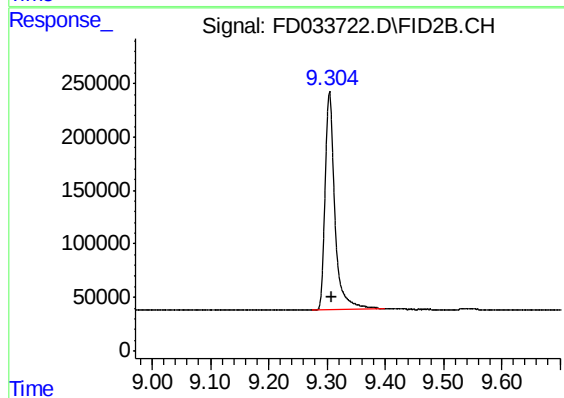
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.431 min
Delta R.T.: -0.011 min
Response: 1413976
Conc: 19.45 ug/ml



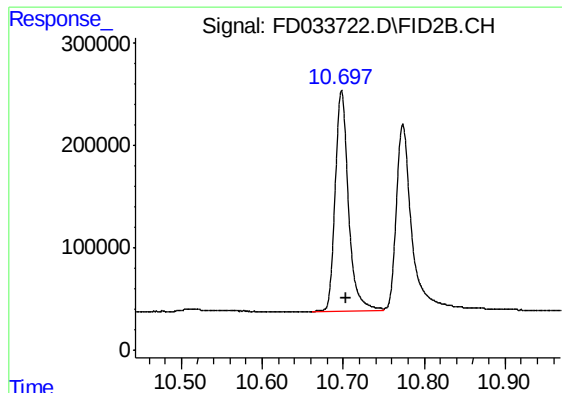
#7 Acenaphthene (C15.5)

R.T.: 8.524 min
Delta R.T.: 0.000 min
Response: 2545763
Conc: 19.03 ug/ml



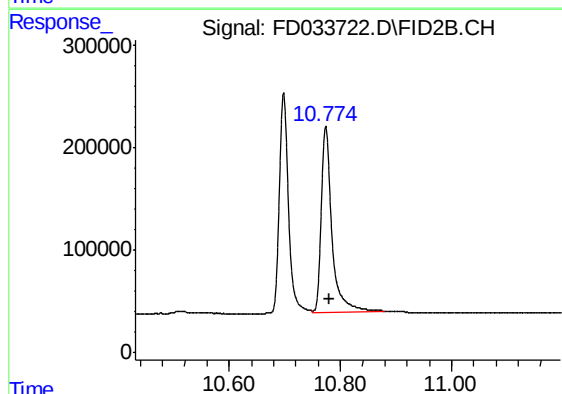
#8 Flouorene (C16.55)

R.T.: 9.305 min
Delta R.T.: -0.005 min
Response: 2374546
Conc: 19.12 ug/ml



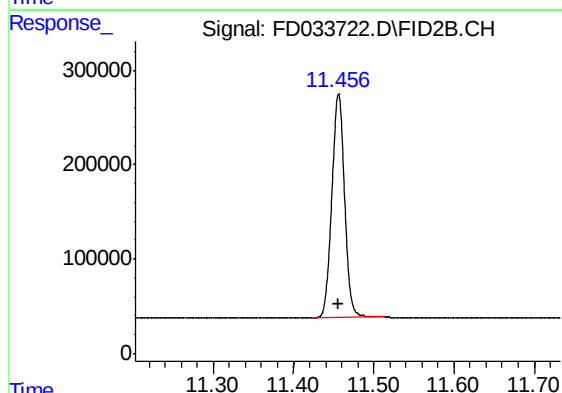
#9 Phenanthrene (C19.36)

R.T.: 10.698 min
Delta R.T.: -0.006 min
Response: 2440386
Conc: 19.01 ug/ml



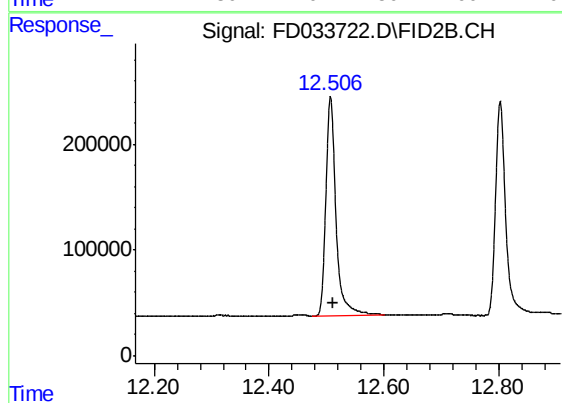
#10 Anthracene (C19.43)

R.T.: 10.774 min
Delta R.T.: -0.007 min
Response: 2401739
Conc: 19.28 ug/ml



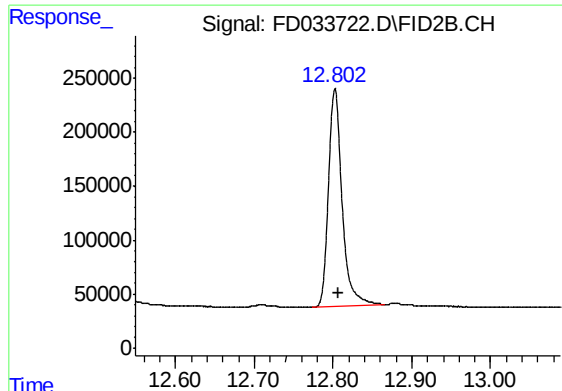
#11 ortho-Terphenyl (SURR)

R.T.: 11.456 min
Delta R.T.: 0.000 min
Response: 2606470
Conc: 18.77 ug/ml



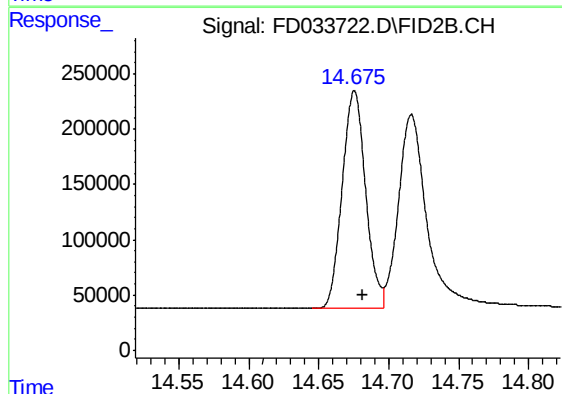
#12 Fluoranthene (C21.85)

R.T.: 12.507 min
Delta R.T.: -0.005 min
Response: 2504184
Conc: 19.02 ug/ml



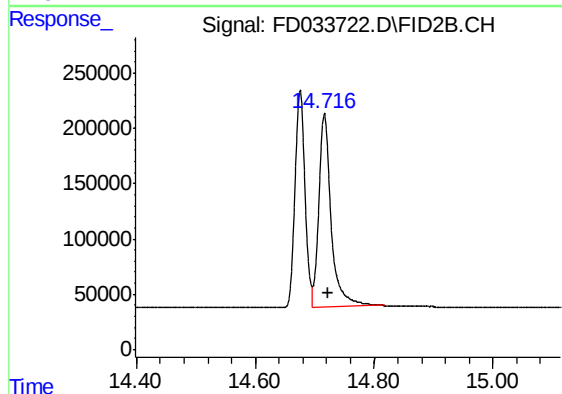
#13 Pyrene (C20.8)

R.T.: 12.802 min
Delta R.T.: -0.005 min
Response: 2417431
Conc: 18.82 ug/ml



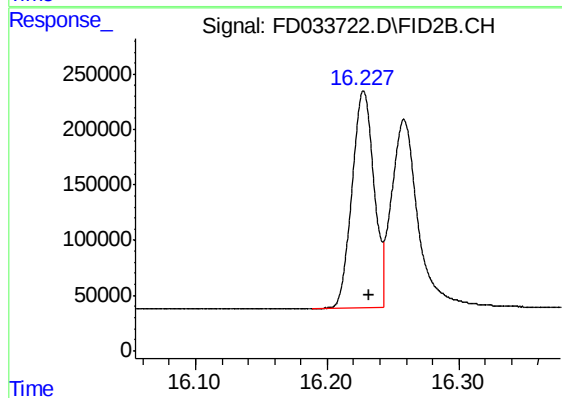
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.676 min
Delta R.T.: -0.006 min
Response: 2282242
Conc: 19.27 ug/ml



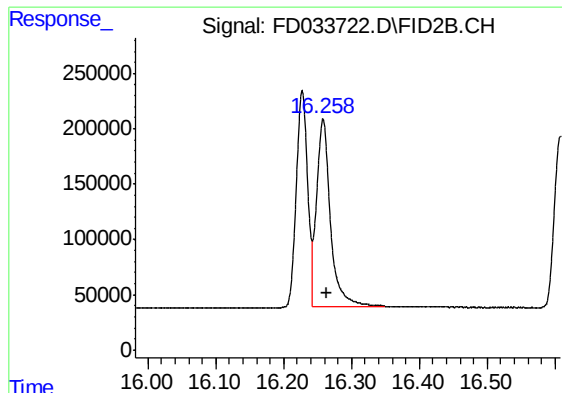
#15 Chrysene (C27.41)

R.T.: 14.716 min
Delta R.T.: -0.006 min
Response: 2507420
Conc: 18.94 ug/ml



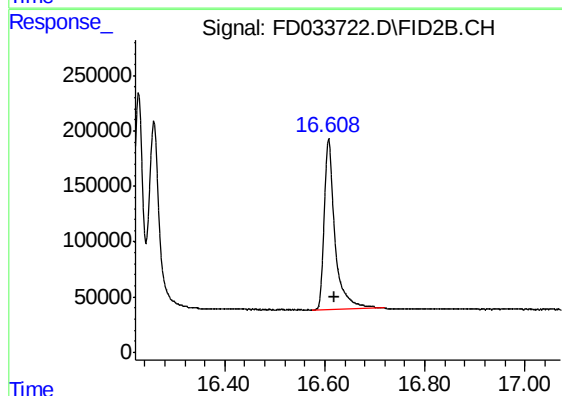
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.228 min
Delta R.T.: -0.004 min
Response: 2269209
Conc: 19.17 ug/ml



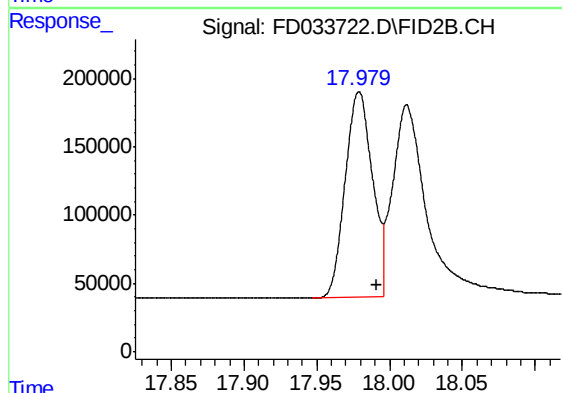
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.258 min
Delta R.T.: -0.005 min
Response: 2422590
Conc: 18.96 ug/ml



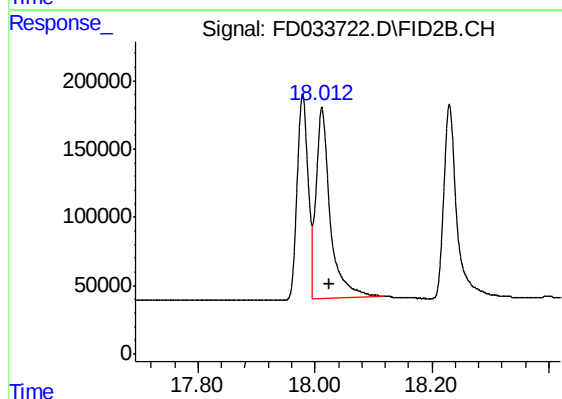
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.608 min
Delta R.T.: -0.012 min
Response: 2296608
Conc: 19.64 ug/ml



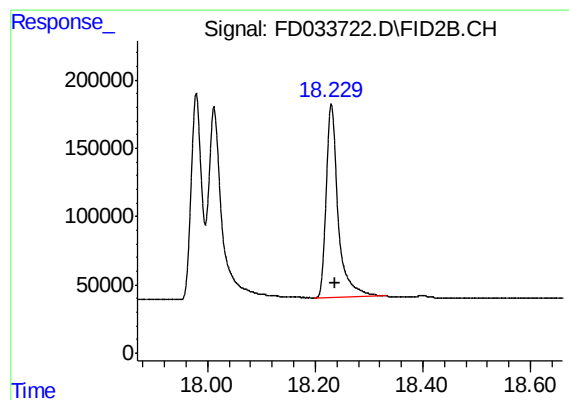
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.979 min
Delta R.T.: -0.012 min
Response: 1955987
Conc: 18.81 ug/ml



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

R.T.: 18.012 min
Delta R.T.: -0.012 min
Response: 2348941
Conc: 19.46 ug/ml



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

R.T.: 18.230 min
Delta R.T.: -0.007 min
Response: 2168384
Conc: 19.25 ug/ml