

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061920AR\
 Data File : FD033727.D
 Signal(s) : FID2B.CH
 Acq On : 19 Jun 2020 16:03
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 20 00:52:29 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061820.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 19 09:50:25 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...	7.567	2311666	20.915 ug/ml
Spiked Amount 50.000		Recovery =	41.83%
6) S 2-Fluorobiphenyl (SURR)	8.430	1555091	20.951 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.90%
11) S ortho-Terphenyl (SURR)	11.456	2877896	20.721 ug/ml
Spiked Amount 50.000		Recovery =	41.44%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.376	2666297	21.164 ug/ml
2) T Naphthalene (C11.7)	5.910	2616917	20.819 ug/ml
3) T 2-Methylnaphthalene (...)	6.959	2664602	20.886 ug/ml
5) T Acenaphthylene (C15.06)	8.230	2674580	20.760 ug/ml
7) T Acenaphthene (C15.5)	8.523	2801914	20.940 ug/ml
8) T Flouorene (C16.55)	9.304	2607120	20.745 ug/ml
9) T Phenanthrene (C19.36)	10.698	2676247	20.845 ug/ml
10) T Anthracene (C19.43)	10.774	2625303	20.771 ug/ml
12) T Fluoranthene (C21.85)	12.508	2769770	21.033 ug/ml
13) T Pyrene (C20.8)	12.803	2682727	20.889 ug/ml
14) T Benzo[a]anthracene (C...	14.676	2555973	21.524 ug/ml
15) T Chrysene (C27.41)	14.717	2798857	21.137 ug/ml
16) T benzo[b]fluoranthene ...	16.229	2555018	21.585 ug/ml
17) T Bnezo[k]fluoranthene ...	16.259	2720625	21.294 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.609	2573483	21.457 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.979	2199222	21.108 ug/ml
20) T Dibenz[a,h]anthracene...	18.013	2613329	21.318 ug/ml
21) T Benzo[g,h,i]perylene ...	18.230	2412651	21.418 ug/ml

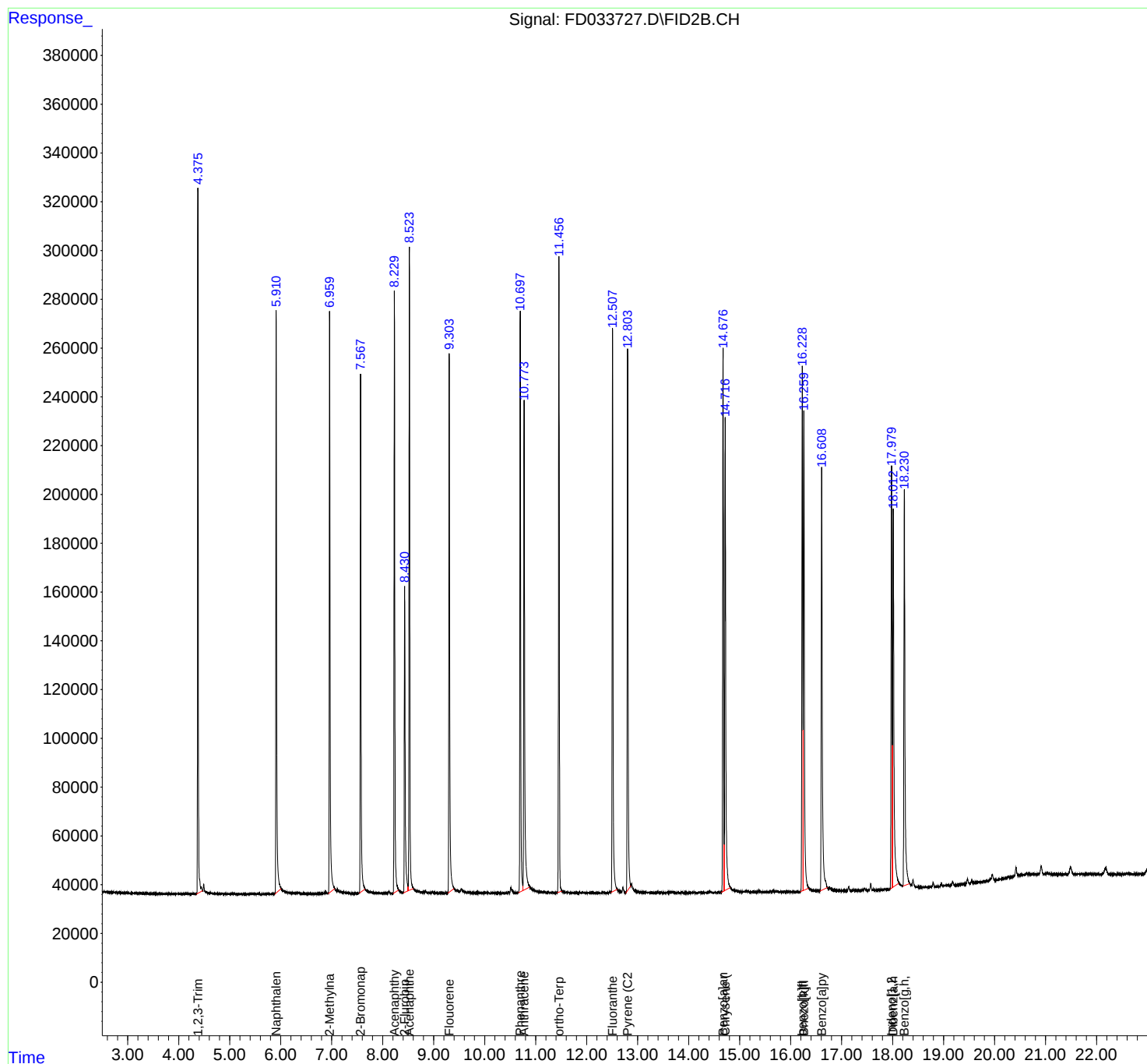
(f)=RT Delta > 1/2 Window

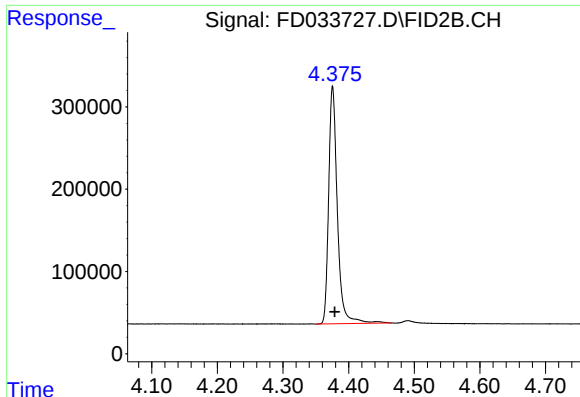
(m)=manual int.

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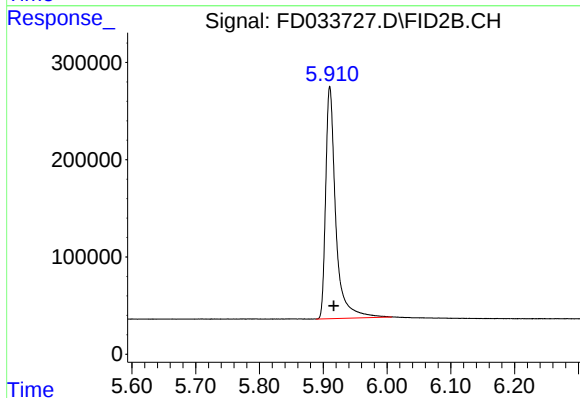
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





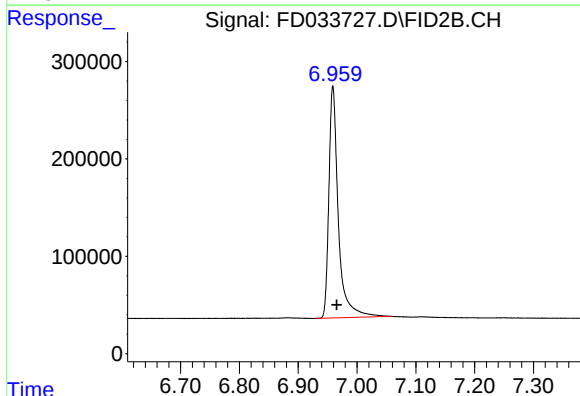
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.376 min
Delta R.T.: -0.003 min
Response: 2666297
Conc: 21.16 ug/ml



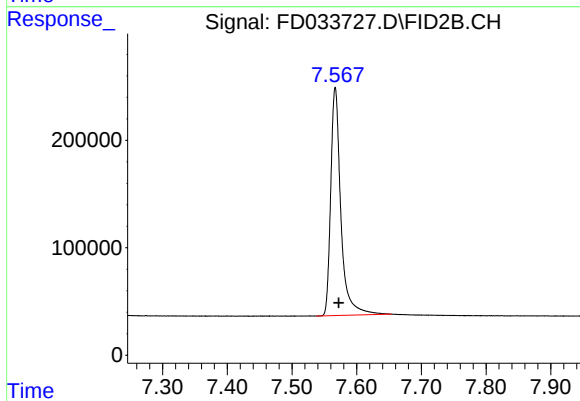
#2 Naphthalene (C11.7)

R.T.: 5.910 min
Delta R.T.: -0.006 min
Response: 2616917
Conc: 20.82 ug/ml



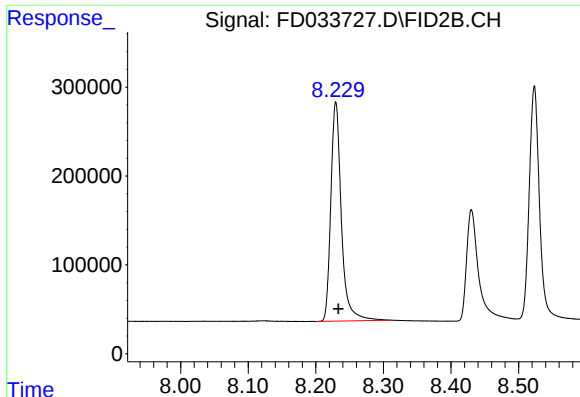
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.959 min
Delta R.T.: -0.006 min
Response: 2664602
Conc: 20.89 ug/ml



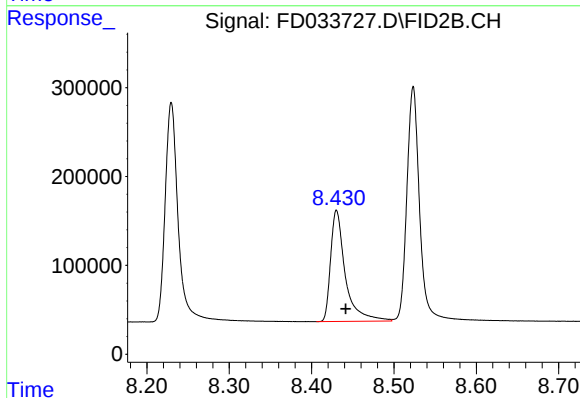
#4 2-Bromonaphthalene (SURR)

R.T.: 7.567 min
Delta R.T.: -0.005 min
Response: 2311666
Conc: 20.91 ug/ml



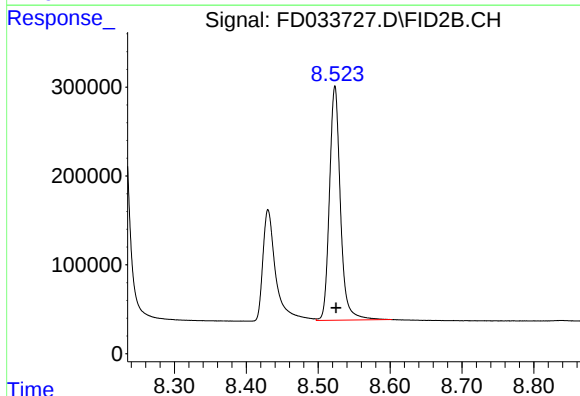
#5 Acenaphthylene (C15.06)

R.T.: 8.230 min
Delta R.T.: -0.004 min
Response: 2674580
Conc: 20.76 ug/ml



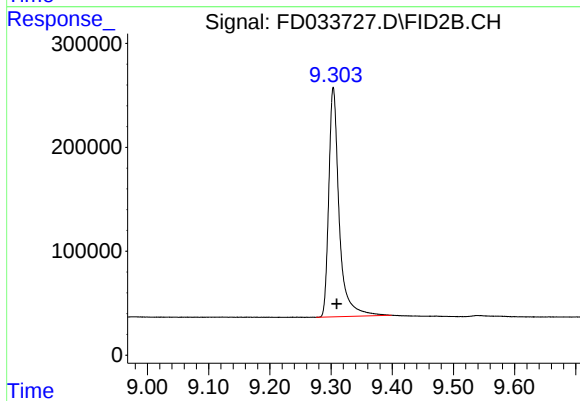
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.430 min
Delta R.T.: -0.011 min
Response: 1555091
Conc: 20.95 ug/ml



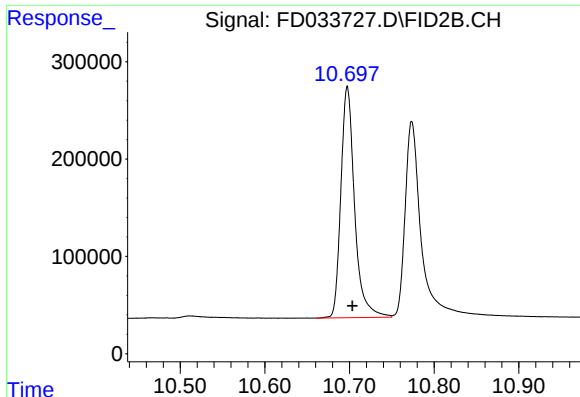
#7 Acenaphthene (C15.5)

R.T.: 8.523 min
Delta R.T.: -0.001 min
Response: 2801914
Conc: 20.94 ug/ml



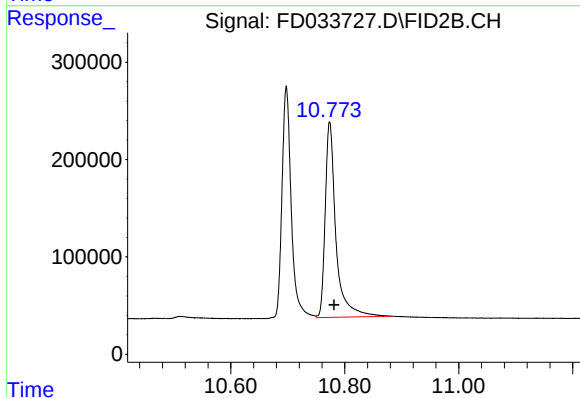
#8 Fluorene (C16.55)

R.T.: 9.304 min
Delta R.T.: -0.006 min
Response: 2607120
Conc: 20.74 ug/ml



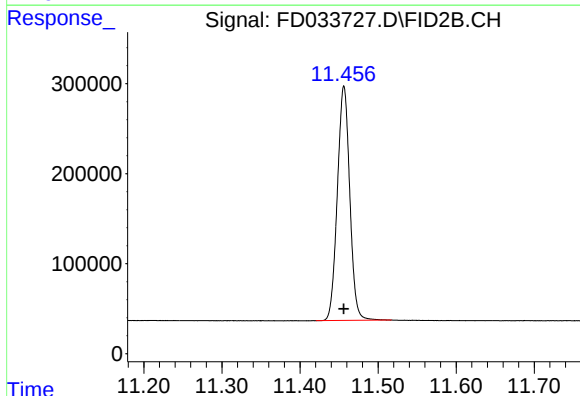
#9 Phenanthrene (C19.36)

R.T.: 10.698 min
Delta R.T.: -0.006 min
Response: 2676247
Conc: 20.84 ug/ml



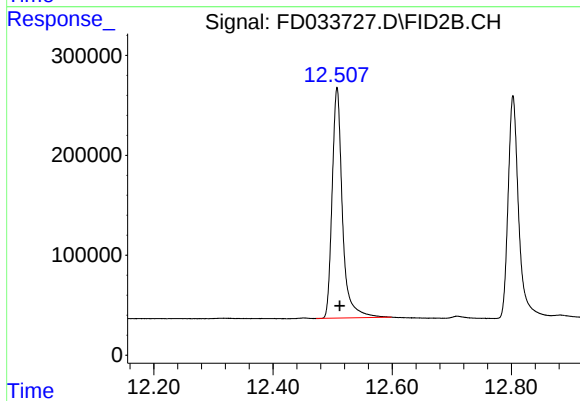
#10 Anthracene (C19.43)

R.T.: 10.774 min
Delta R.T.: -0.008 min
Response: 2625303
Conc: 20.77 ug/ml



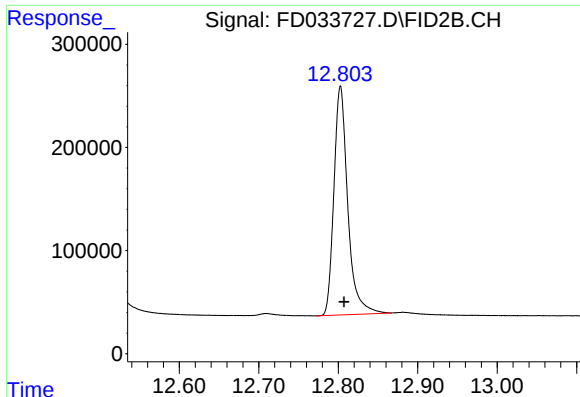
#11 ortho-Terphenyl (SURR)

R.T.: 11.456 min
Delta R.T.: 0.000 min
Response: 2877896
Conc: 20.72 ug/ml



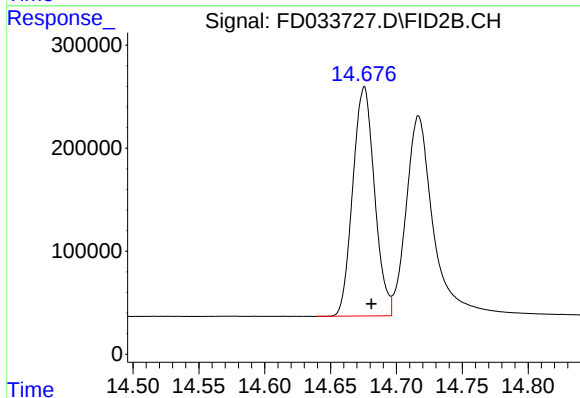
#12 Fluoranthene (C21.85)

R.T.: 12.508 min
Delta R.T.: -0.004 min
Response: 2769770
Conc: 21.03 ug/ml



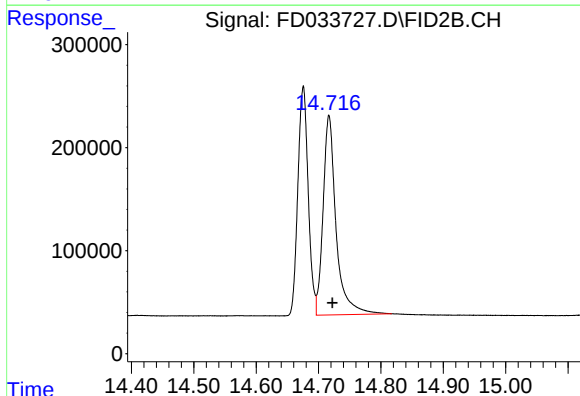
#13 Pyrene (C20.8)

R.T.: 12.803 min
Delta R.T.: -0.004 min
Response: 2682727
Conc: 20.89 ug/ml



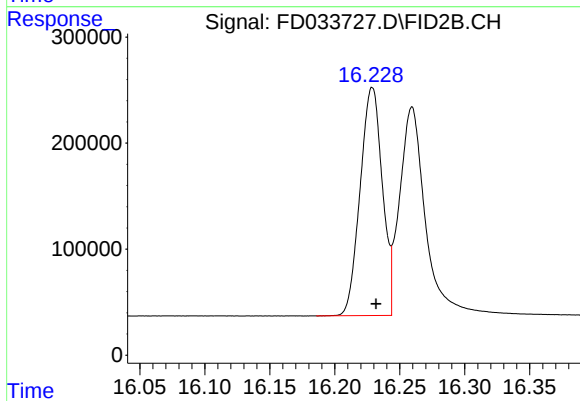
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.676 min
Delta R.T.: -0.006 min
Response: 2555973
Conc: 21.52 ug/ml



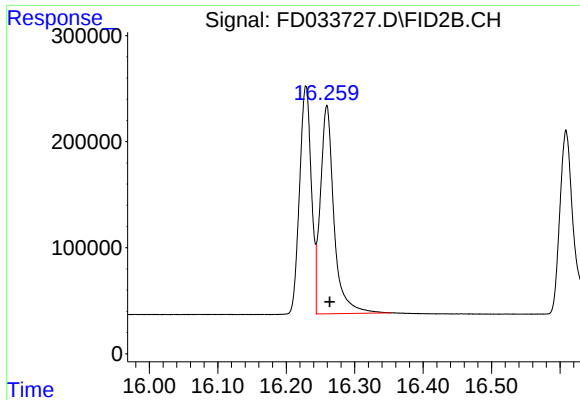
#15 Chrysene (C27.41)

R.T.: 14.717 min
Delta R.T.: -0.005 min
Response: 2798857
Conc: 21.14 ug/ml



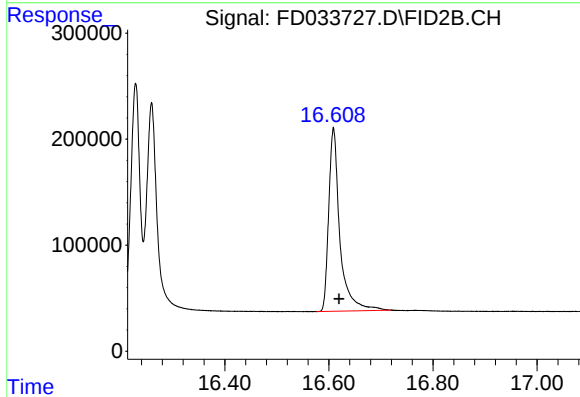
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.229 min
Delta R.T.: -0.003 min
Response: 2555018
Conc: 21.59 ug/ml



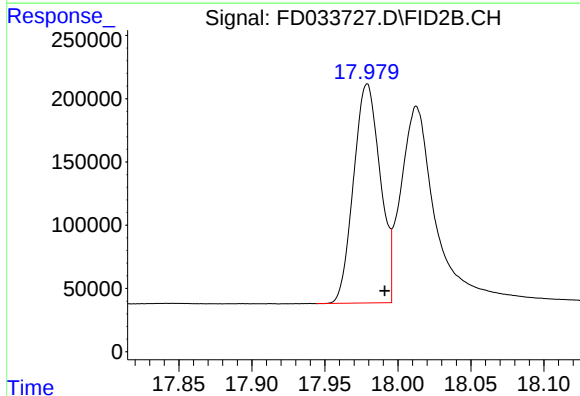
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.259 min
Delta R.T.: -0.004 min
Response: 2720625
Conc: 21.29 ug/ml



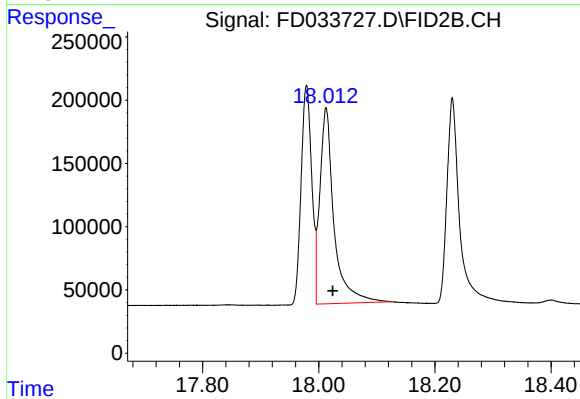
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.609 min
Delta R.T.: -0.011 min
Response: 2573483
Conc: 21.46 ug/ml



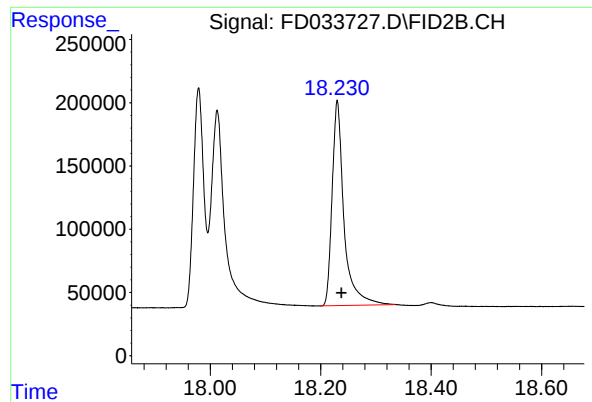
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.979 min
Delta R.T.: -0.012 min
Response: 2199222
Conc: 21.11 ug/ml



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

R.T.: 18.013 min
Delta R.T.: -0.011 min
Response: 2613329
Conc: 21.32 ug/ml



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

R.T.: 18.230 min
Delta R.T.: -0.007 min
Response: 2412651
Conc: 21.42 ug/ml