

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100520AR\
 Data File : FD034933.D
 Signal(s) : FID2B.CH
 Acq On : 05 Oct 2020 22:24
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 06 02:34:08 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100120.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 02 10:31:12 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...	7.675	2422135	20.778 ug/ml
Spiked Amount 50.000		Recovery =	41.56%
6) S 2-Fluorobiphenyl (SURR)	8.541	1689372	20.577 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.15%
11) S ortho-Terphenyl (SURR)	11.581	2766782	20.177 ug/ml
Spiked Amount 50.000		Recovery =	40.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.470	2669081	20.556 ug/ml
2) T Naphthalene (C11.7)	6.012	2833286	20.700 ug/ml
3) T 2-Methylnaphthalene (...)	7.065	2841376	20.715 ug/ml
5) T Acenaphthylene (C15.06)	8.343	2745737	20.280 ug/ml
7) T Acenaphthene (C15.5)	8.638	2839905	20.571 ug/ml
8) T Flouorene (C16.55)	9.420	2754184	20.488 ug/ml
9) T Phenanthrene (C19.36)	10.817	2718663	20.354 ug/ml
10) T Anthracene (C19.43)	10.892	2664420	19.730 ug/ml
12) T Fluoranthene (C21.85)	12.629	2644525	20.096 ug/ml
13) T Pyrene (C20.8)	12.927	2553534	19.946 ug/ml
14) T Benzo[a]anthracene (C...	14.798	2279348	20.022 ug/ml
15) T Chrysene (C27.41)	14.840	2401540	19.608 ug/ml
16) T benzo[b]fluoranthene ...	16.348	2162628	20.176 ug/ml
17) T Bnezo[k]fluoranthene ...	16.380	2145302	19.859 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.727	1942808	19.938 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.092	1937412	20.914 ug/ml
20) T Dibenz[a,h]anthracene...	18.130	2095529	20.750 ug/ml
21) T Benzo[g,h,i]perylene ...	18.346	1998508	20.740 ug/ml

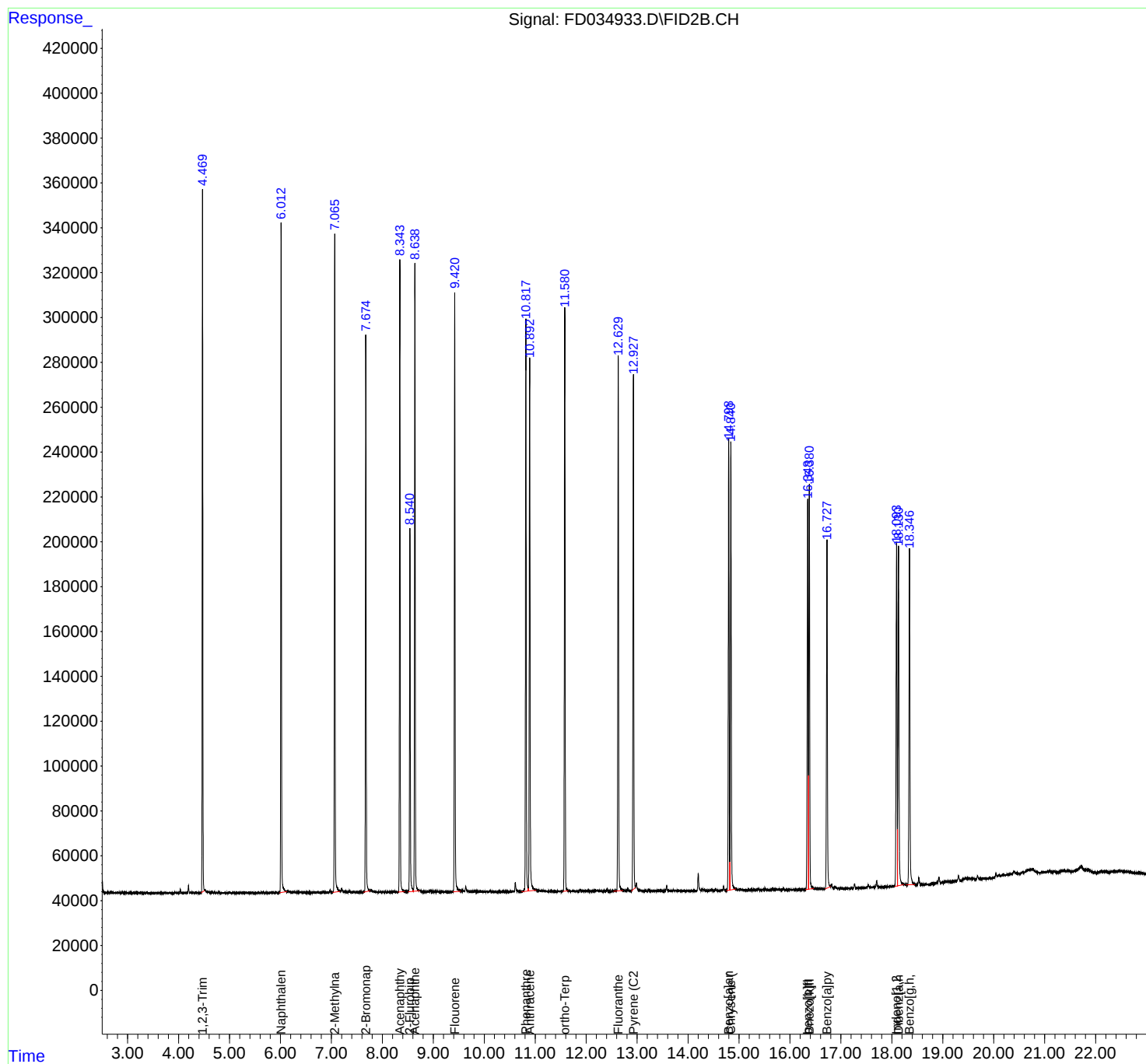
(f)=RT Delta > 1/2 Window

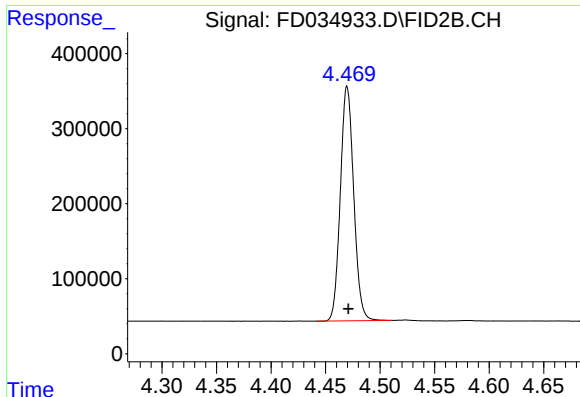
(m)=manual int.

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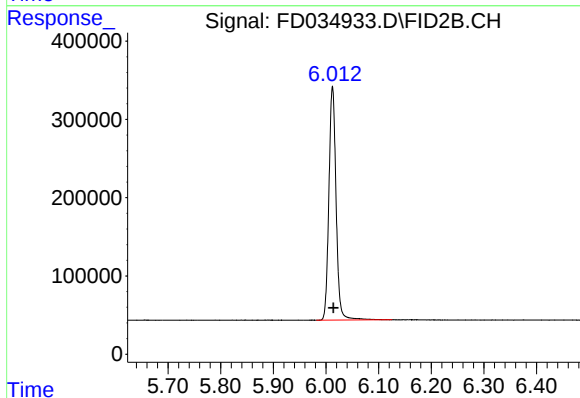
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





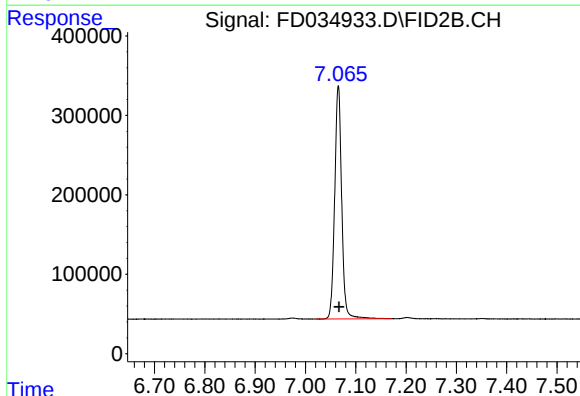
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.470 min
Delta R.T.: -0.001 min
Response: 2669081
Conc: 20.56 ug/ml



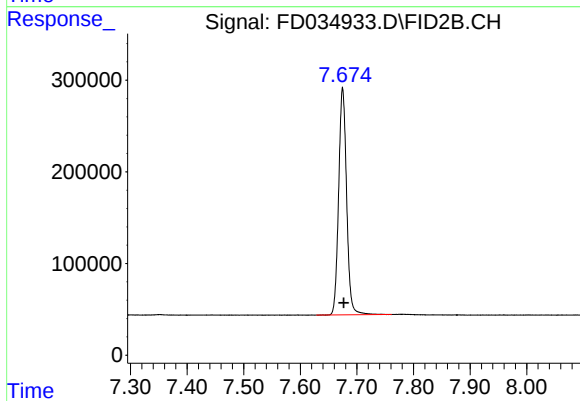
#2 Naphthalene (C11.7)

R.T.: 6.012 min
Delta R.T.: -0.001 min
Response: 2833286
Conc: 20.70 ug/ml



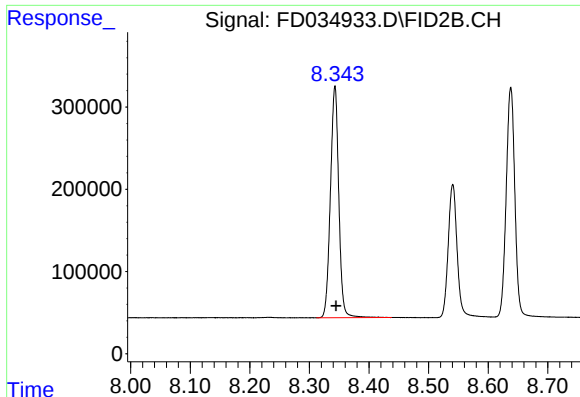
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.065 min
Delta R.T.: -0.002 min
Response: 2841376
Conc: 20.72 ug/ml



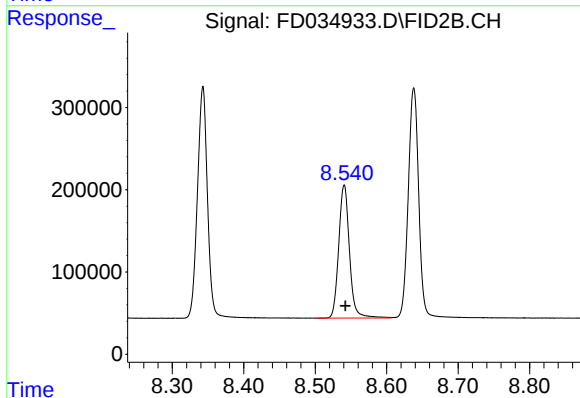
#4 2-Bromonaphthalene (SURR)

R.T.: 7.675 min
Delta R.T.: -0.002 min
Response: 2422135
Conc: 20.78 ug/ml



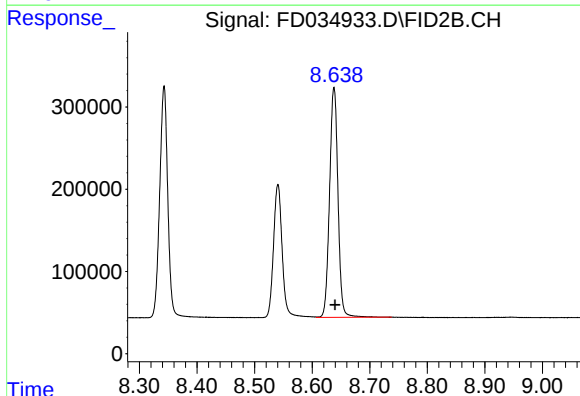
#5 Acenaphthylene (C15.06)

R.T.: 8.343 min
Delta R.T.: -0.002 min
Response: 2745737
Conc: 20.28 ug/ml



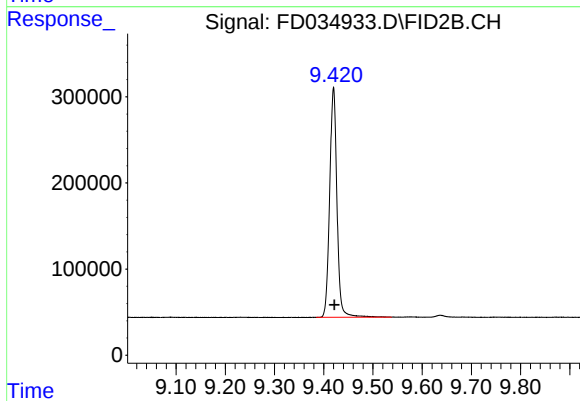
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.541 min
Delta R.T.: -0.002 min
Response: 1689372
Conc: 20.58 ug/ml



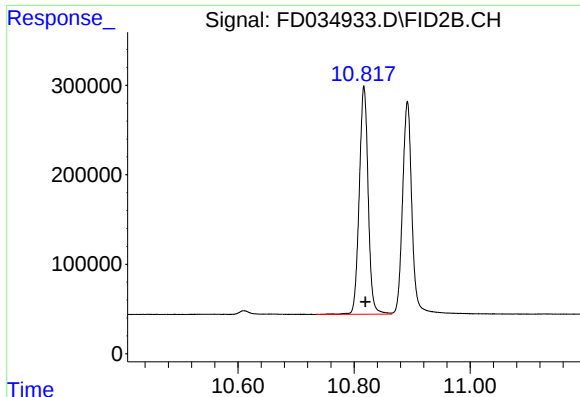
#7 Acenaphthene (C15.5)

R.T.: 8.638 min
Delta R.T.: -0.002 min
Response: 2839905
Conc: 20.57 ug/ml



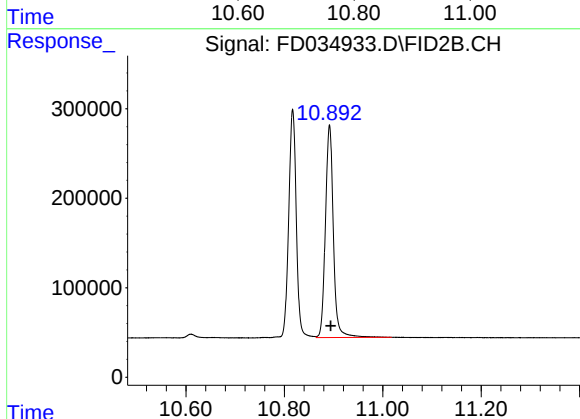
#8 Fluorene (C16.55)

R.T.: 9.420 min
Delta R.T.: -0.002 min
Response: 2754184
Conc: 20.49 ug/ml



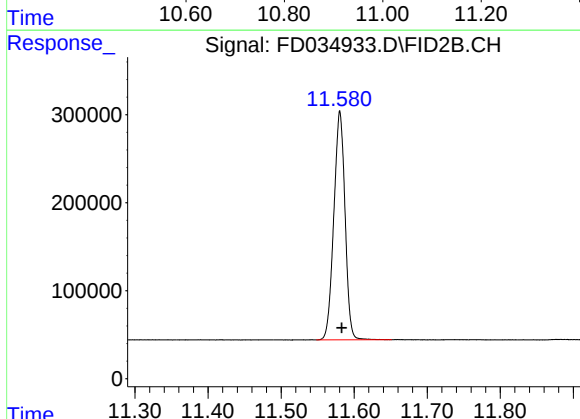
#9 Phenanthrene (C19.36)

R.T.: 10.817 min
Delta R.T.: -0.002 min
Response: 2718663
Conc: 20.35 ug/ml



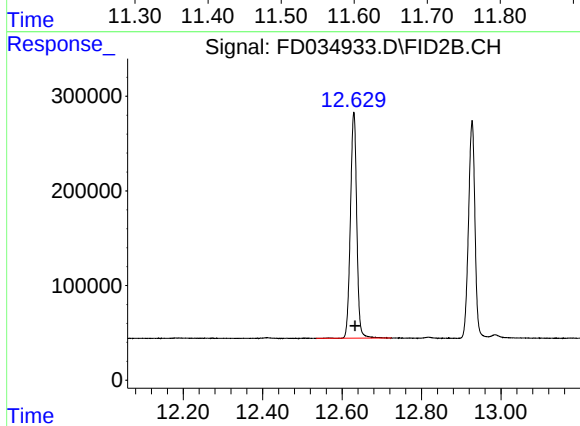
#10 Anthracene (C19.43)

R.T.: 10.892 min
Delta R.T.: -0.003 min
Response: 2664420
Conc: 19.73 ug/ml



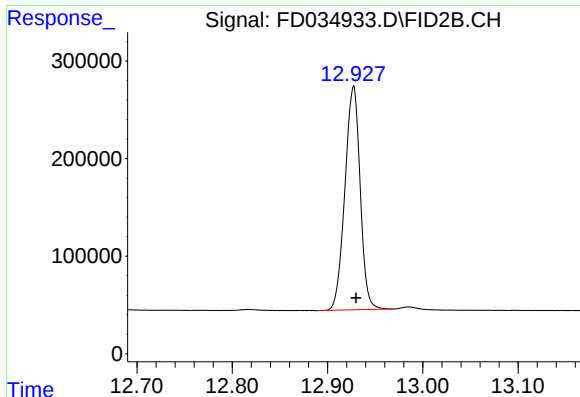
#11 ortho-Terphenyl (SURR)

R.T.: 11.581 min
Delta R.T.: -0.003 min
Response: 2766782
Conc: 20.18 ug/ml



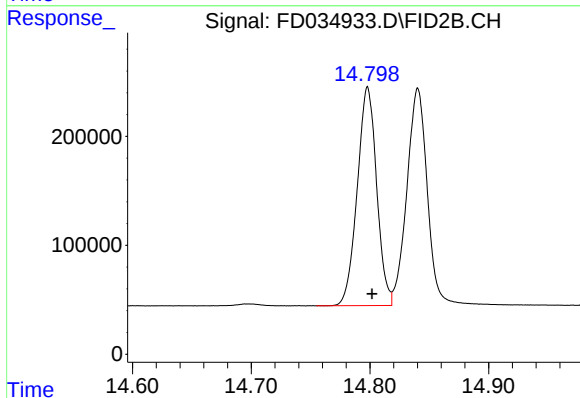
#12 Fluoranthene (C21.85)

R.T.: 12.629 min
Delta R.T.: -0.004 min
Response: 2644525
Conc: 20.10 ug/ml



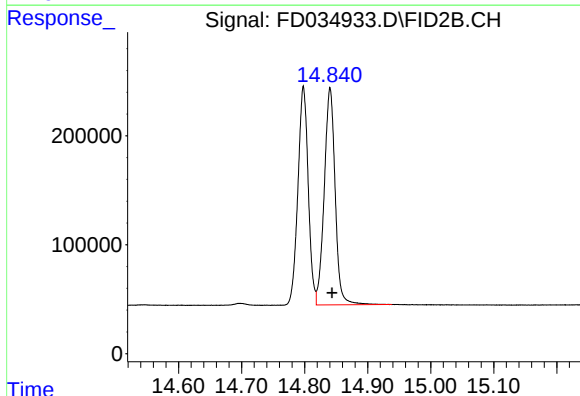
#13 Pyrene (C20.8)

R.T.: 12.927 min
Delta R.T.: -0.003 min
Response: 2553534
Conc: 19.95 ug/ml



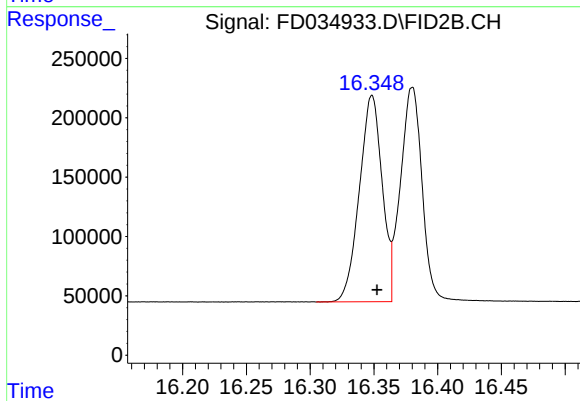
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.798 min
Delta R.T.: -0.004 min
Response: 2279348
Conc: 20.02 ug/ml



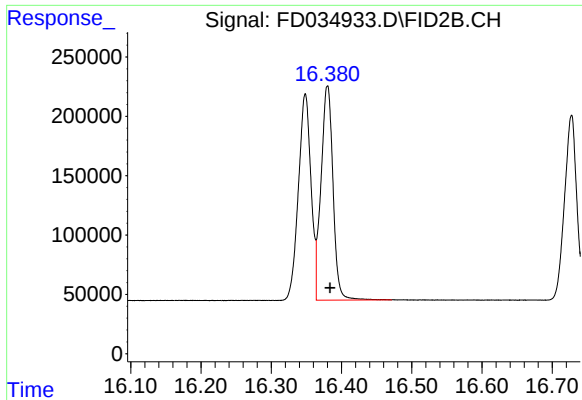
#15 Chrysene (C27.41)

R.T.: 14.840 min
Delta R.T.: -0.003 min
Response: 2401540
Conc: 19.61 ug/ml



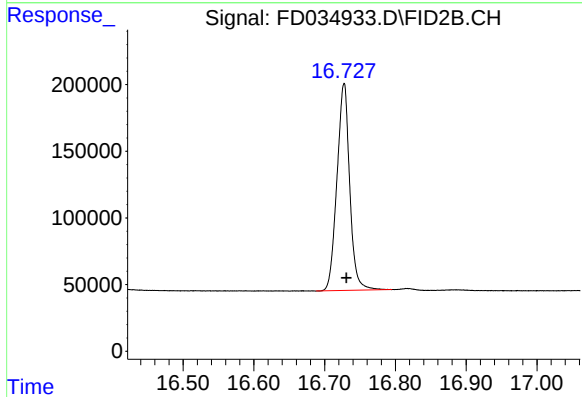
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.348 min
Delta R.T.: -0.004 min
Response: 2162628
Conc: 20.18 ug/ml



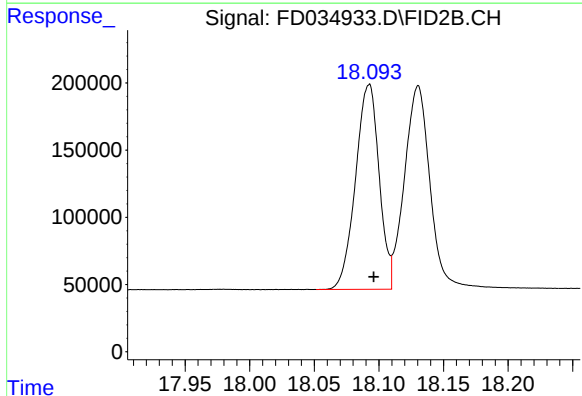
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.380 min
Delta R.T.: -0.004 min
Response: 2145302
Conc: 19.86 ug/ml



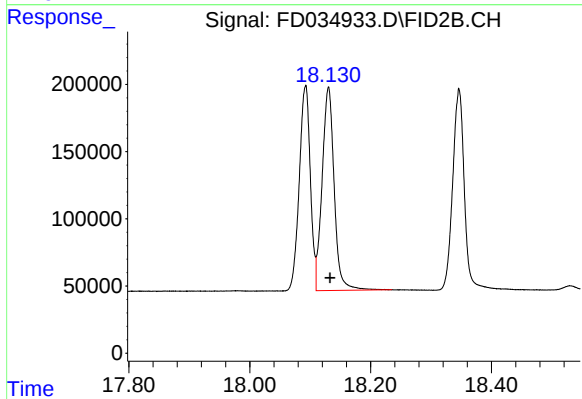
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.727 min
Delta R.T.: -0.004 min
Response: 1942808
Conc: 19.94 ug/ml



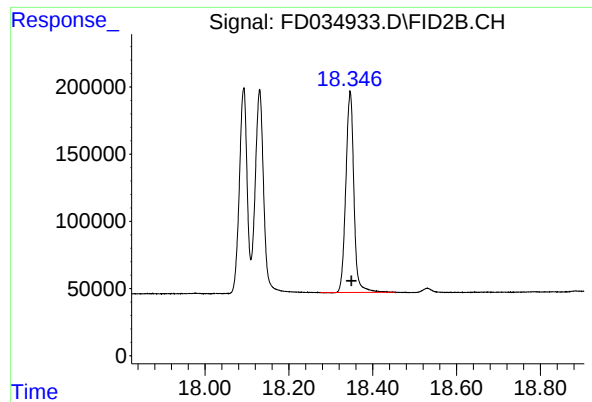
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.092 min
Delta R.T.: -0.004 min
Response: 1937412
Conc: 20.91 ug/ml



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

R.T.: 18.130 min
Delta R.T.: -0.003 min
Response: 2095529
Conc: 20.75 ug/ml



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

R.T.: 18.346 min
Delta R.T.: -0.003 min
Response: 1998508
Conc: 20.74 ug/ml