

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100520AR\
 Data File : FD034922.D
 Signal(s) : FID2B.CH
 Acq On : 05 Oct 2020 9:58
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 06 02:31:16 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	2356112	20.212 ug/ml
Spiked Amount 50.000		Recovery =	40.42%
6) S 2-Fluorobiphenyl (SURR)	8.540	1650891	20.109 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.22%
11) S ortho-Terphenyl (SURR)	11.581	2716541	19.811 ug/ml
Spiked Amount 50.000		Recovery =	39.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.469	2589842	19.946 ug/ml
2) T Naphthalene (C11.7)	6.011	2761458	20.175 ug/ml
3) T 2-Methylnaphthalene (...)	7.065	2771981	20.210 ug/ml
5) T Acenaphthylene (C15.06)	8.342	2691056	19.877 ug/ml
7) T Acenaphthene (C15.5)	8.637	2775352	20.103 ug/ml
8) T Fluorene (C16.55)	9.419	2678487	19.925 ug/ml
9) T Phenanthrene (C19.36)	10.817	2652497	19.859 ug/ml
10) T Anthracene (C19.43)	10.892	2636751	19.525 ug/ml
12) T Fluoranthene (C21.85)	12.630	2617462	19.890 ug/ml
13) T Pyrene (C20.8)	12.927	2520684	19.689 ug/ml
14) T Benzo[a]anthracene (C...	14.799	2269252	19.933 ug/ml
15) T Chrysene (C27.41)	14.841	2414232	19.711 ug/ml
16) T benzo[b]fluoranthene ...	16.350	2146554	20.026 ug/ml
17) T Bnezo[k]fluoranthene ...	16.381	2151614	19.918 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.728	1979519	20.315 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.093	1873915	20.228 ug/ml
20) T Dibenz[a,h]anthracene...	18.129	2066619	20.464 ug/ml
21) T Benzo[g,h,i]perylene ...	18.346	1969211	20.436 ug/ml

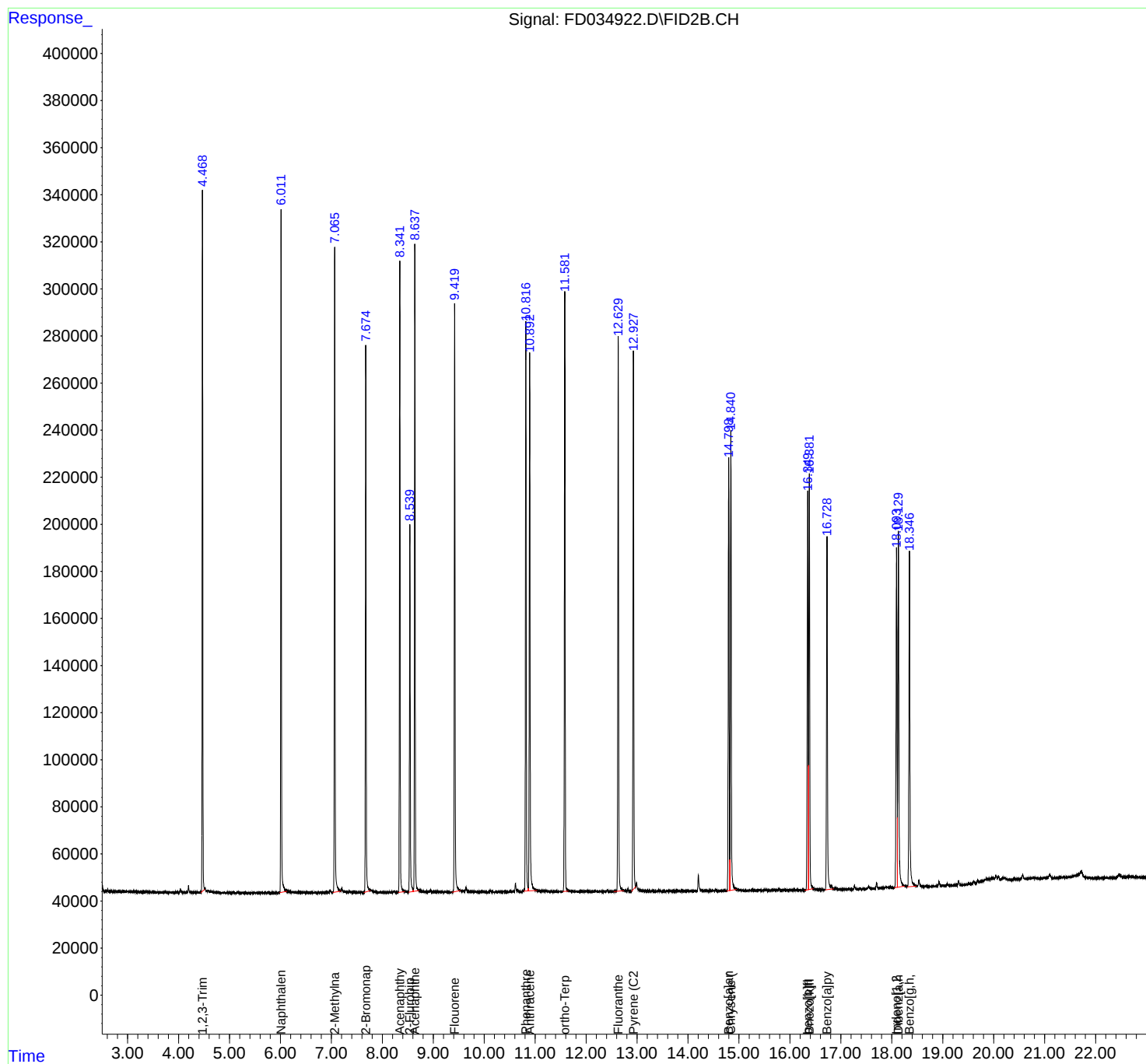
(f)=RT Delta > 1/2 Window

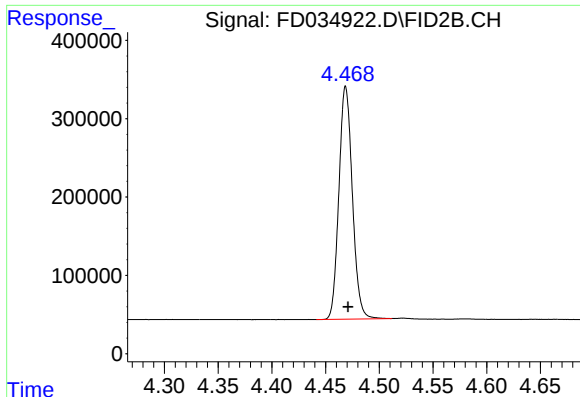
(m)=manual int.

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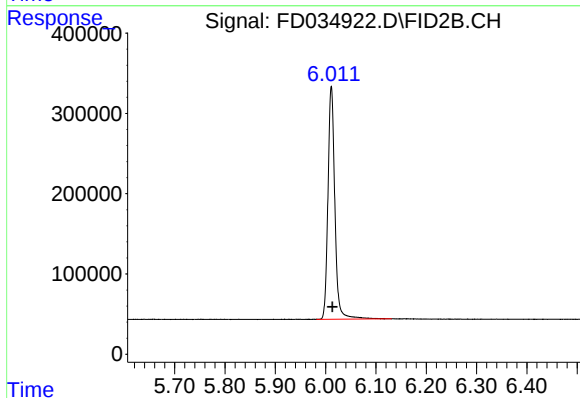
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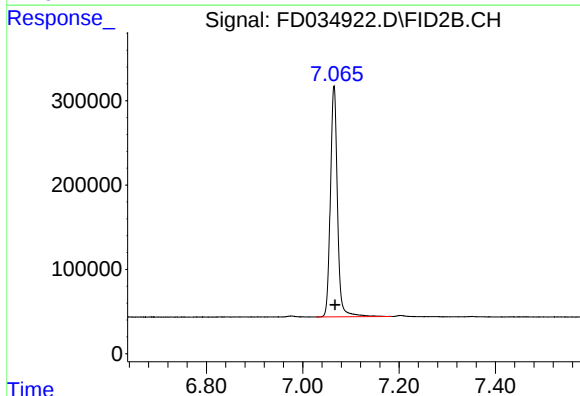
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.469 min
Delta R.T.: -0.002 min
Response: 2589842
Conc: 19.95 ug/ml



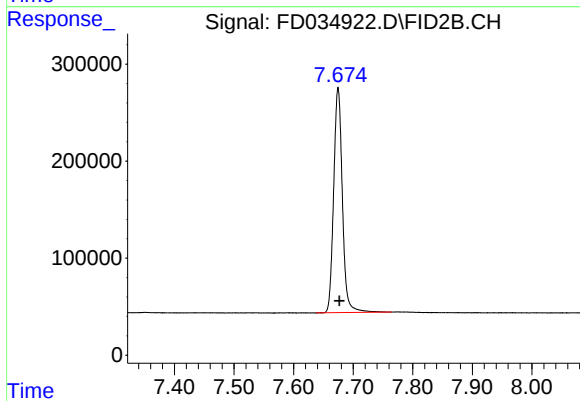
#2 Naphthalene (C11.7)

R.T.: 6.011 min
Delta R.T.: -0.002 min
Response: 2761458
Conc: 20.18 ug/ml



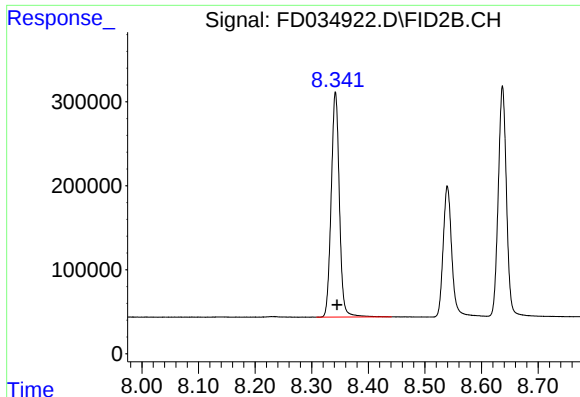
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.065 min
Delta R.T.: -0.002 min
Response: 2771981
Conc: 20.21 ug/ml



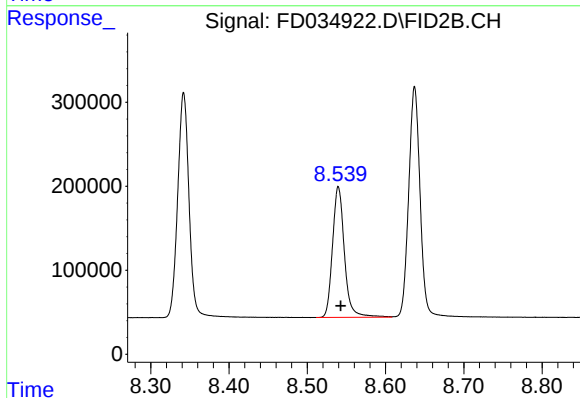
#4 2-Bromonaphthalene (SURR)

R.T.: 7.675 min
Delta R.T.: -0.002 min
Response: 2356112
Conc: 20.21 ug/ml



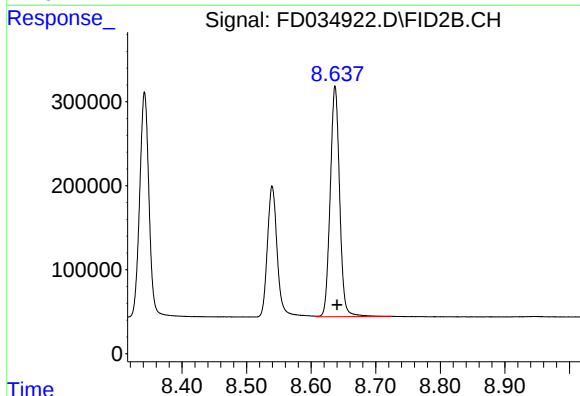
#5 Acenaphthylene (C15.06)

R.T.: 8.342 min
Delta R.T.: -0.003 min
Response: 2691056
Conc: 19.88 ug/ml



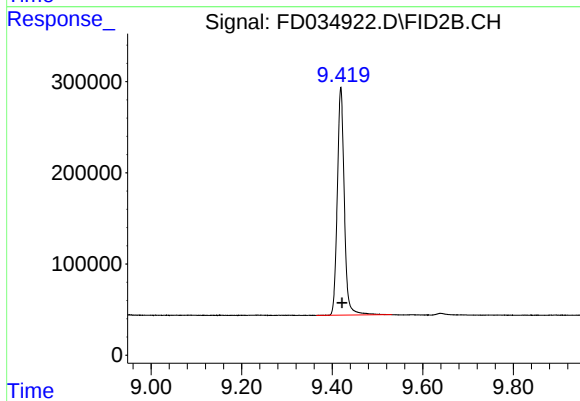
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.540 min
Delta R.T.: -0.003 min
Response: 1650891
Conc: 20.11 ug/ml



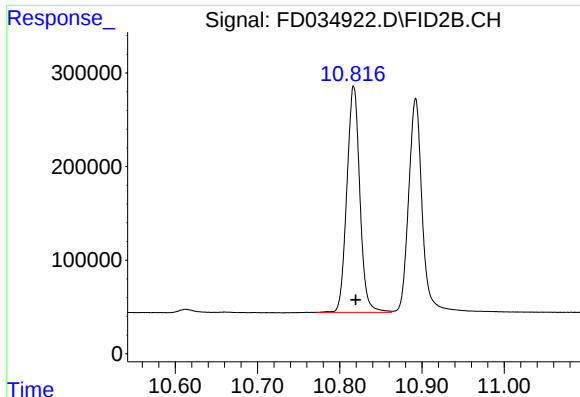
#7 Acenaphthene (C15.5)

R.T.: 8.637 min
Delta R.T.: -0.003 min
Response: 2775352
Conc: 20.10 ug/ml



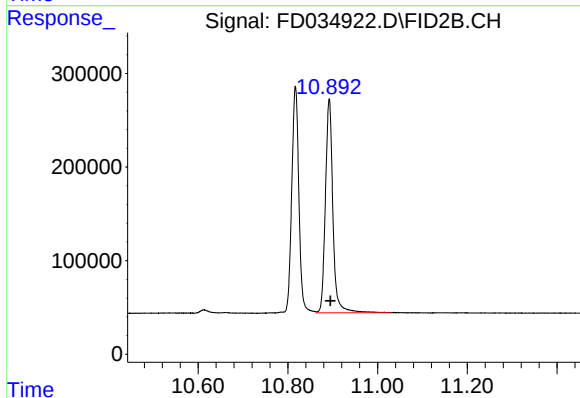
#8 Fluorene (C16.55)

R.T.: 9.419 min
Delta R.T.: -0.003 min
Response: 2678487
Conc: 19.93 ug/ml



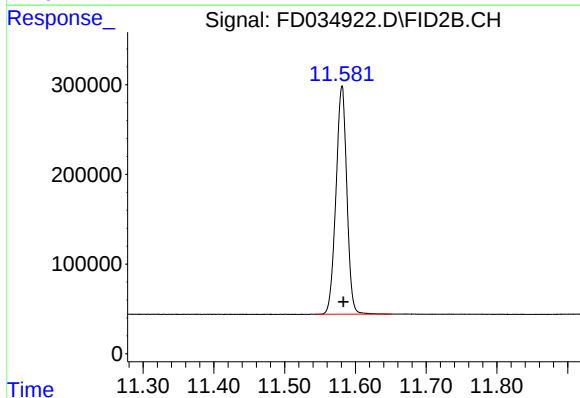
#9 Phenanthrene (C19.36)

R.T.: 10.817 min
Delta R.T.: -0.003 min
Response: 2652497
Conc: 19.86 ug/ml



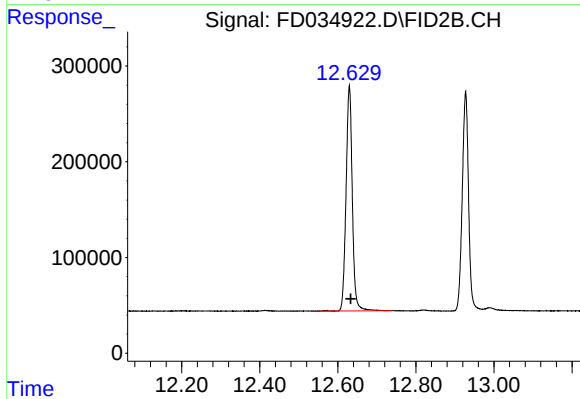
#10 Anthracene (C19.43)

R.T.: 10.892 min
Delta R.T.: -0.003 min
Response: 2636751
Conc: 19.52 ug/ml



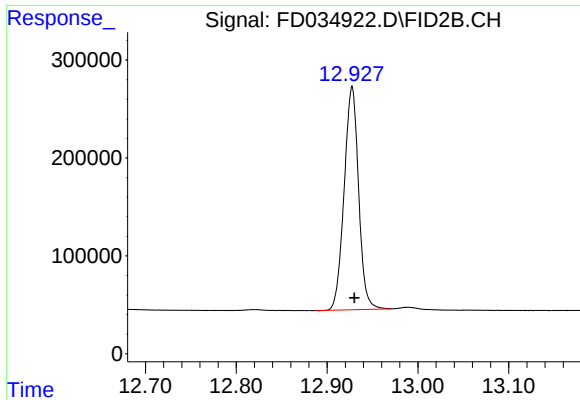
#11 ortho-Terphenyl (SURR)

R.T.: 11.581 min
Delta R.T.: -0.002 min
Response: 2716541
Conc: 19.81 ug/ml



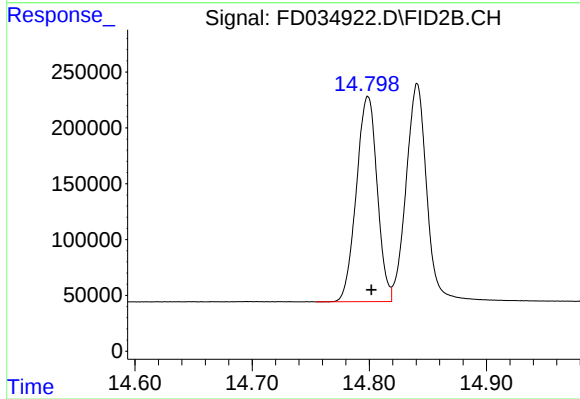
#12 Fluoranthene (C21.85)

R.T.: 12.630 min
Delta R.T.: -0.004 min
Response: 2617462
Conc: 19.89 ug/ml



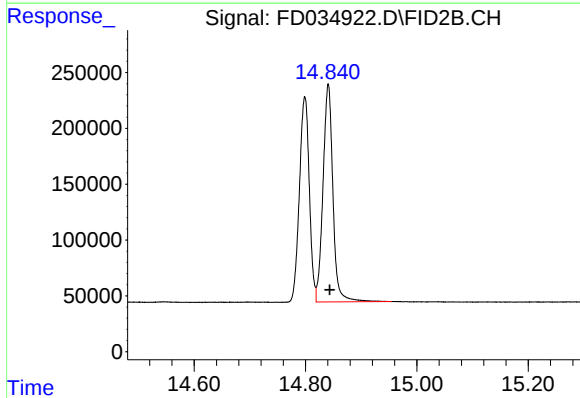
#13 Pyrene (C20.8)

R.T.: 12.927 min
Delta R.T.: -0.003 min
Response: 2520684
Conc: 19.69 ug/ml



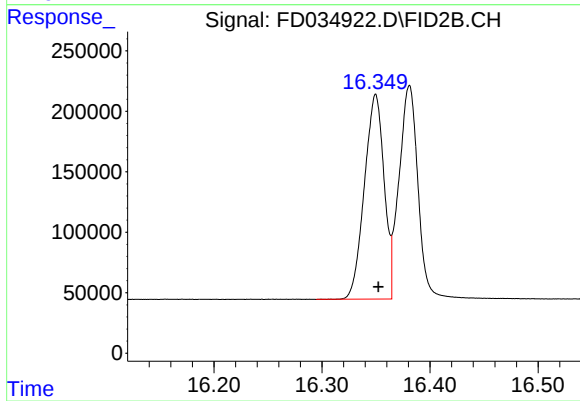
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.799 min
Delta R.T.: -0.003 min
Response: 2269252
Conc: 19.93 ug/ml



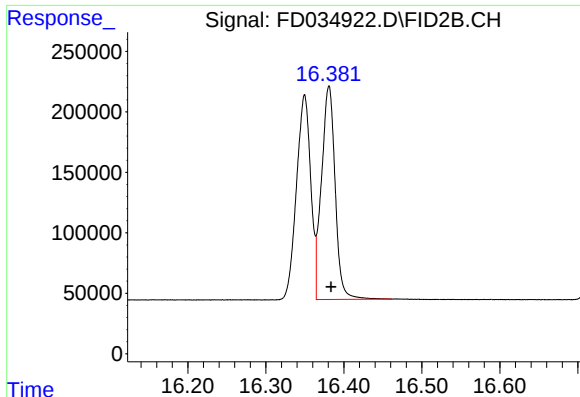
#15 Chrysene (C27.41)

R.T.: 14.841 min
Delta R.T.: -0.003 min
Response: 2414232
Conc: 19.71 ug/ml



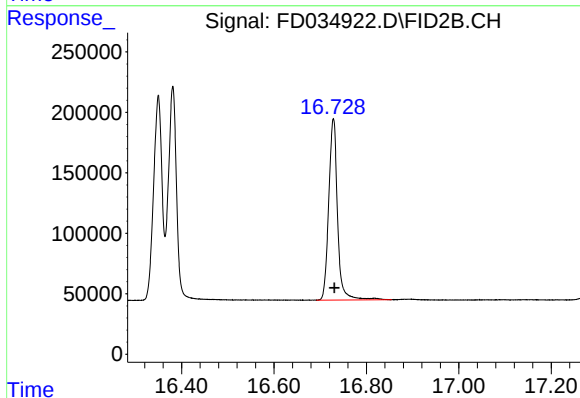
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.350 min
Delta R.T.: -0.003 min
Response: 2146554
Conc: 20.03 ug/ml



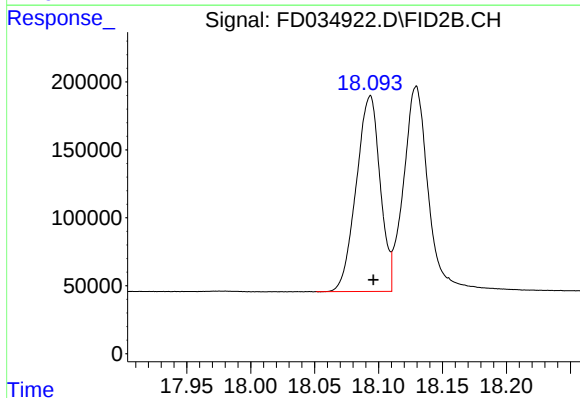
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.381 min
Delta R.T.: -0.003 min
Response: 2151614
Conc: 19.92 ug/ml



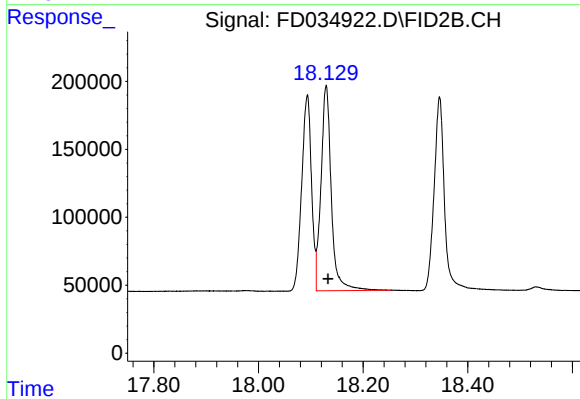
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.728 min
Delta R.T.: -0.003 min
Response: 1979519
Conc: 20.32 ug/ml



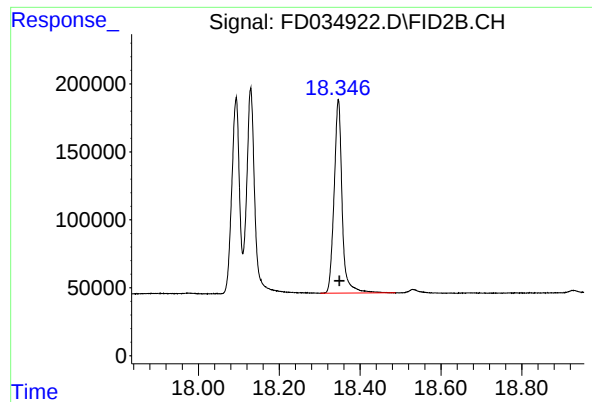
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.093 min
Delta R.T.: -0.003 min
Response: 1873915
Conc: 20.23 ug/ml



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

R.T.: 18.129 min
Delta R.T.: -0.004 min
Response: 2066619
Conc: 20.46 ug/ml



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

R.T.: 18.346 min
Delta R.T.: -0.003 min
Response: 1969211
Conc: 20.44 ug/ml