

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062320AR\
 Data File : FD033768.D
 Signal(s) : FID2B.CH
 Acq On : 24 Jun 2020 1:29
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 24 02:18:36 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...	7.566	2280561	20.633 ug/ml
Spiked Amount 50.000		Recovery =	41.27%
6) S 2-Fluorobiphenyl (SURR)	8.429	1535573	20.688 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.38%
11) S ortho-Terphenyl (SURR)	11.454	2785295	20.054 ug/ml
Spiked Amount 50.000		Recovery =	40.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.375	2579818	20.478 ug/ml
2) T Naphthalene (C11.7)	5.909	2571253	20.456 ug/ml
3) T 2-Methylnaphthalene (...)	6.958	2622312	20.555 ug/ml
5) T Acenaphthylene (C15.06)	8.229	2638163	20.478 ug/ml
7) T Acenaphthene (C15.5)	8.522	2769221	20.695 ug/ml
8) T Flouorene (C16.55)	9.302	2586458	20.580 ug/ml
9) T Phenanthrene (C19.36)	10.696	2622171	20.424 ug/ml
10) T Anthracene (C19.43)	10.772	2531918	20.032 ug/ml
12) T Fluoranthene (C21.85)	12.505	2657977	20.185 ug/ml
13) T Pyrene (C20.8)	12.801	2559657	19.930 ug/ml
14) T Benzo[a]anthracene (C...	14.674	2384338	20.078 ug/ml
15) T Chrysene (C27.41)	14.715	2594590	19.594 ug/ml
16) T benzo[b]fluoranthene ...	16.228	2343327	19.797 ug/ml
17) T Bnezo[k]fluoranthene ...	16.259	2457444	19.234 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.608	2243040	18.702 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.979	2097285	20.130 ug/ml
20) T Dibenz[a,h]anthracene...	18.013	2422484	19.761 ug/ml
21) T Benzo[g,h,i]perylene ...	18.231	2255269	20.021 ug/ml

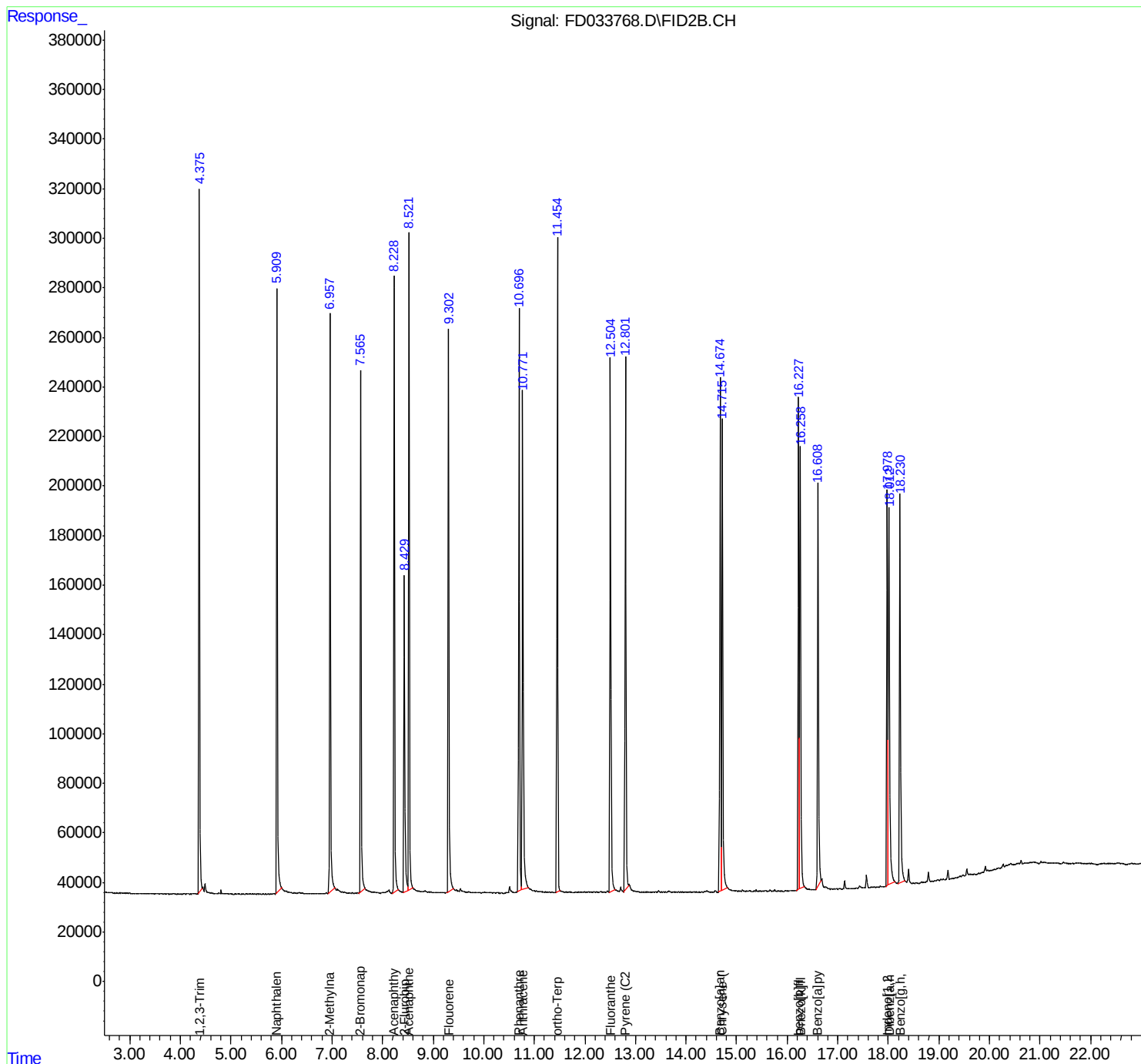
(f)=RT Delta > 1/2 Window

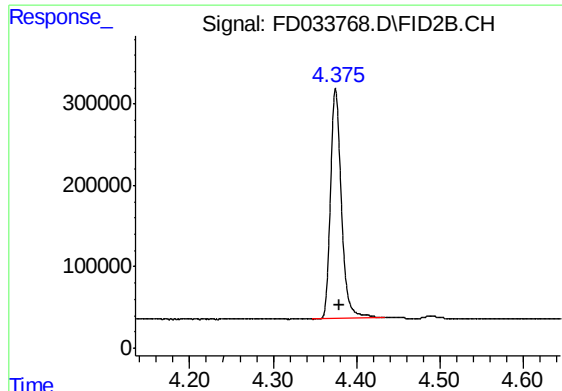
(m)=manual int.

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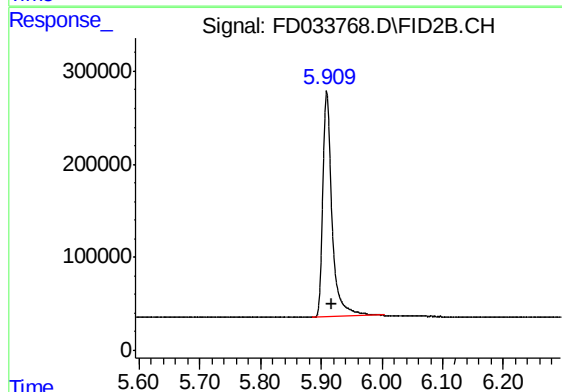
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Signal Info : 20M x 0.18mm x 0.18µm





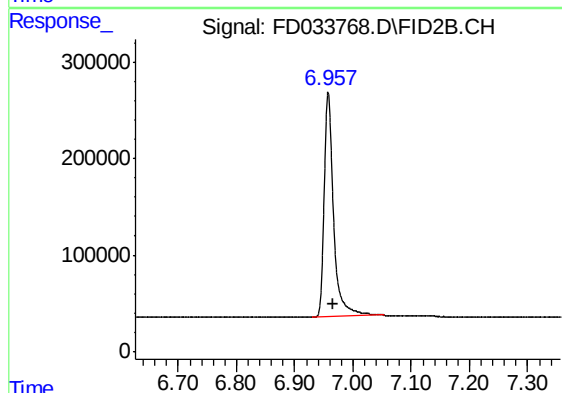
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.375 min
Delta R.T.: -0.004 min
Response: 2579818
Conc: 20.48 ug/ml



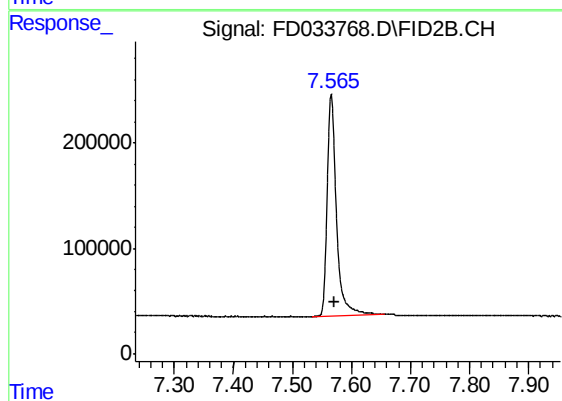
#2 Naphthalene (C11.7)

R.T.: 5.909 min
Delta R.T.: -0.007 min
Response: 2571253
Conc: 20.46 ug/ml



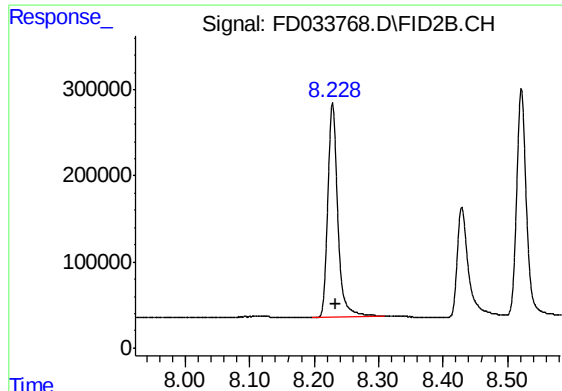
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.958 min
Delta R.T.: -0.008 min
Response: 2622312
Conc: 20.55 ug/ml



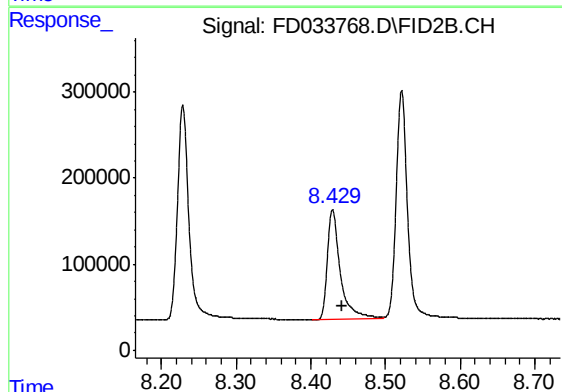
#4 2-Bromonaphthalene (SURR)

R.T.: 7.566 min
Delta R.T.: -0.007 min
Response: 2280561
Conc: 20.63 ug/ml



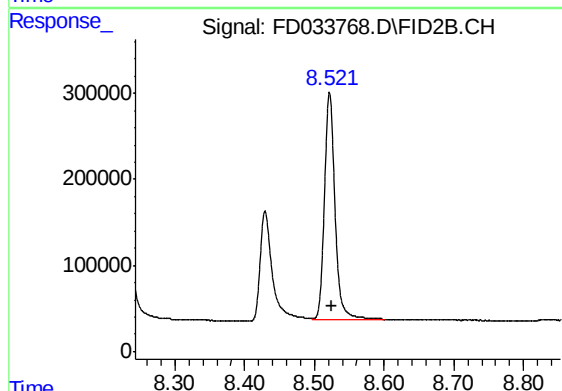
#5 Acenaphthylene (C15.06)

R.T.: 8.229 min
Delta R.T.: -0.005 min
Response: 2638163
Conc: 20.48 ug/ml



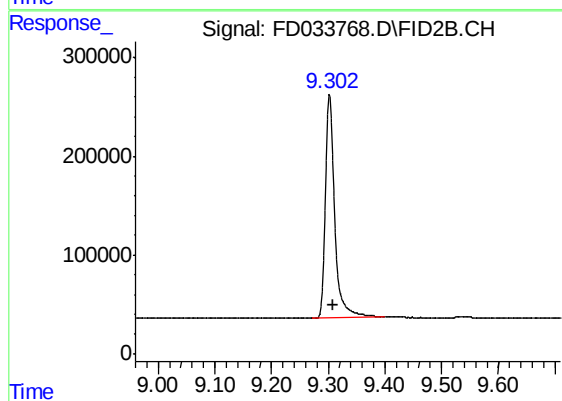
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.429 min
Delta R.T.: -0.012 min
Response: 1535573
Conc: 20.69 ug/ml



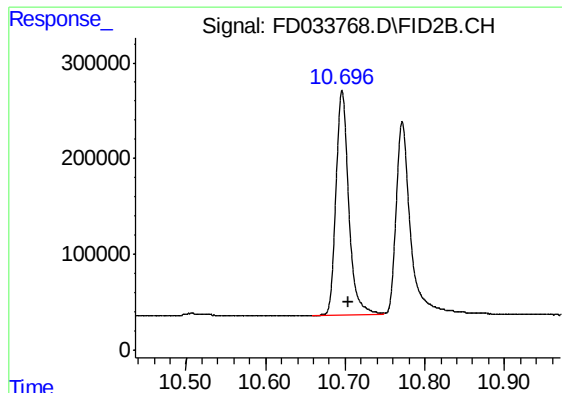
#7 Acenaphthene (C15.5)

R.T.: 8.522 min
Delta R.T.: -0.003 min
Response: 2769221
Conc: 20.70 ug/ml



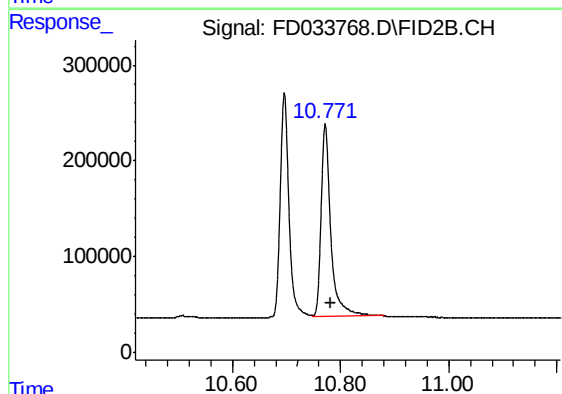
#8 Flouorene (C16.55)

R.T.: 9.302 min
Delta R.T.: -0.007 min
Response: 2586458
Conc: 20.58 ug/ml



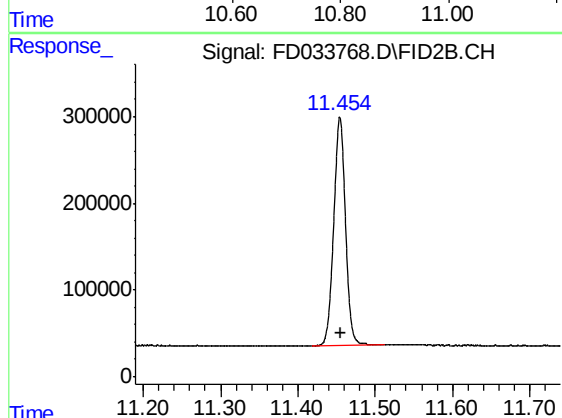
#9 Phenanthrene (C19.36)

R.T.: 10.696 min
Delta R.T.: -0.007 min
Response: 2622171
Conc: 20.42 ug/ml



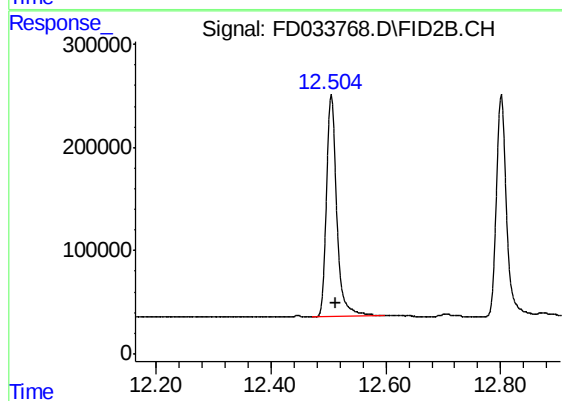
#10 Anthracene (C19.43)

R.T.: 10.772 min
Delta R.T.: -0.009 min
Response: 2531918
Conc: 20.03 ug/ml



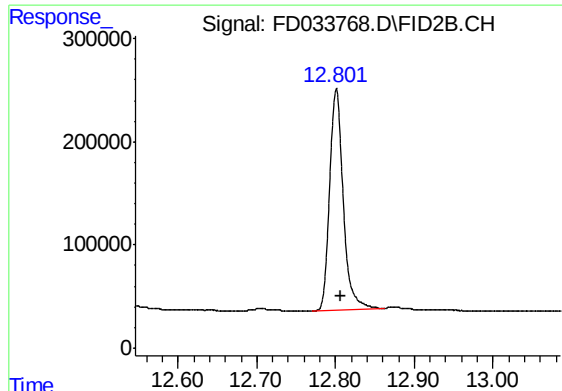
#11 ortho-Terphenyl (SURR)

R.T.: 11.454 min
Delta R.T.: -0.002 min
Response: 2785295
Conc: 20.05 ug/ml



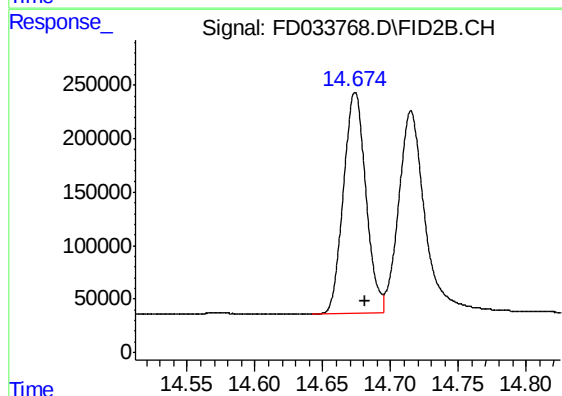
#12 Fluoranthene (C21.85)

R.T.: 12.505 min
Delta R.T.: -0.007 min
Response: 2657977
Conc: 20.18 ug/ml



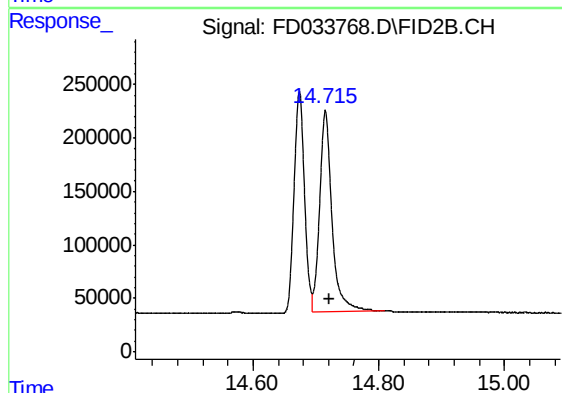
#13 Pyrene (C20.8)

R.T.: 12.801 min
Delta R.T.: -0.006 min
Response: 2559657
Conc: 19.93 ug/ml



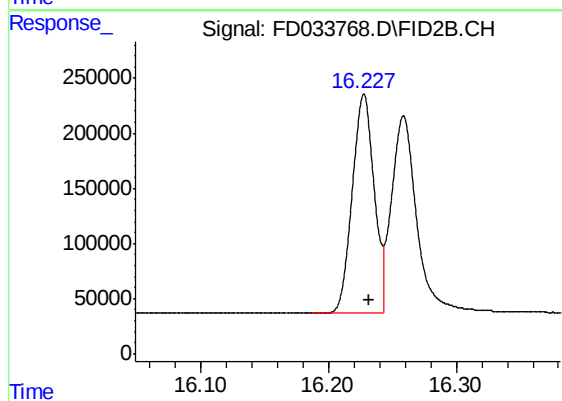
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.674 min
Delta R.T.: -0.007 min
Response: 2384338
Conc: 20.08 ug/ml



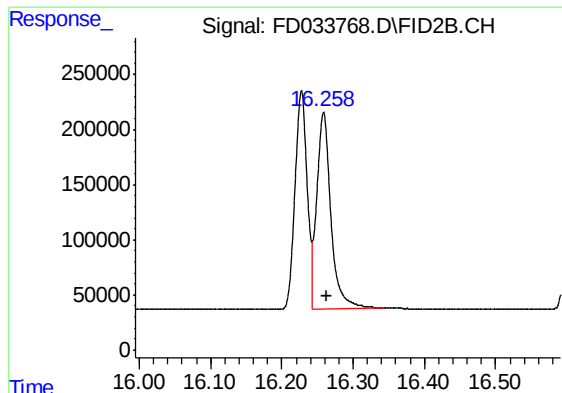
#15 Chrysene (C27.41)

R.T.: 14.715 min
Delta R.T.: -0.007 min
Response: 2594590
Conc: 19.59 ug/ml



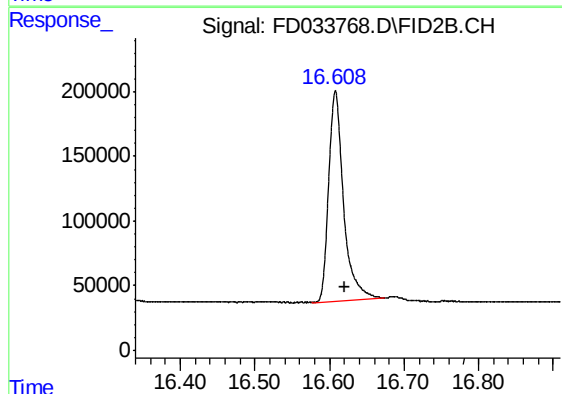
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.228 min
Delta R.T.: -0.004 min
Response: 2343327
Conc: 19.80 ug/ml



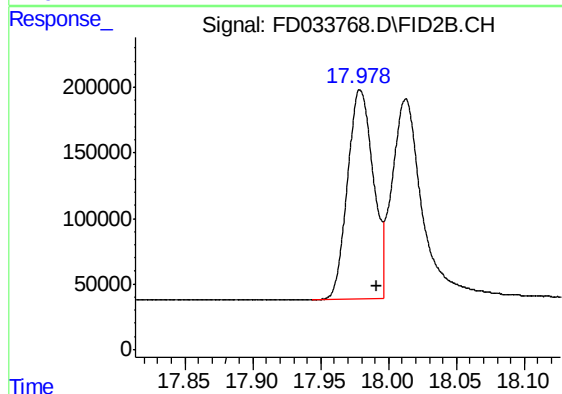
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.259 min
Delta R.T.: -0.005 min
Response: 2457444
Conc: 19.23 ug/ml



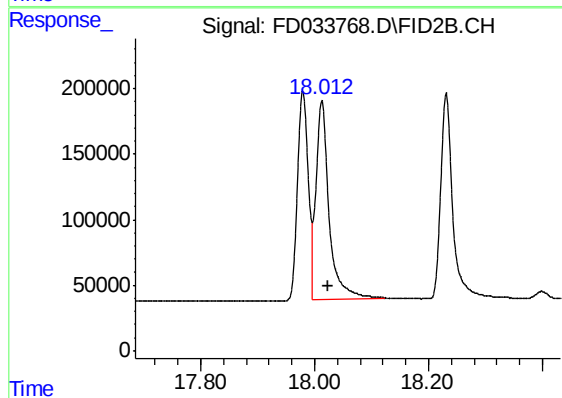
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.608 min
Delta R.T.: -0.012 min
Response: 2243040
Conc: 18.70 ug/ml



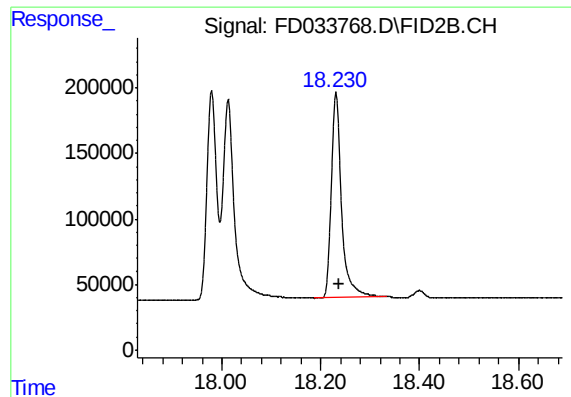
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.979 min
Delta R.T.: -0.012 min
Response: 2097285
Conc: 20.13 ug/ml



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

R.T.: 18.013 min
Delta R.T.: -0.011 min
Response: 2422484
Conc: 19.76 ug/ml



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

R.T.: 18.231 min
Delta R.T.: -0.007 min
Response: 2255269
Conc: 20.02 ug/ml