

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD063020AR\
 Data File : FD033832.D
 Signal(s) : FID2B.CH
 Acq On : 30 Jun 2020 10:23
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 01 02:03:35 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...	7.562	2284162	20.666 ug/ml
Spiked Amount 50.000		Recovery =	41.33%
6) S 2-Fluorobiphenyl (SURR)	8.425	1503244	20.253 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.51%
11) S ortho-Terphenyl (SURR)	11.449	2783522	20.042 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.371	2666048	21.162 ug/ml
2) T Naphthalene (C11.7)	5.906	2563758	20.396 ug/ml
3) T 2-Methylnaphthalene (...)	6.954	2610007	20.459 ug/ml
5) T Acenaphthylene (C15.06)	8.224	2639046	20.485 ug/ml
7) T Acenaphthene (C15.5)	8.517	2778899	20.768 ug/ml
8) T Flouorene (C16.55)	9.297	2540863	20.218 ug/ml
9) T Phenanthrene (C19.36)	10.691	2565507	19.982 ug/ml
10) T Anthracene (C19.43)	10.767	2398014	18.973 ug/ml
12) T Fluoranthene (C21.85)	12.500	2576930	19.569 ug/ml
13) T Pyrene (C20.8)	12.795	2457499	19.135 ug/ml
14) T Benzo[a]anthracene (C...	14.668	2193624	18.472 ug/ml
15) T Chrysene (C27.41)	14.711	2427684	18.334 ug/ml
16) T benzo[b]fluoranthene ...	16.223	2140323	18.082 ug/ml
17) T Bnezo[k]fluoranthene ...	16.253	2314874	18.118 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.604	2171670	18.107 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.975	1857416	17.828 ug/ml
20) T Dibenz[a,h]anthracene...	18.008	2267833	18.500 ug/ml
21) T Benzo[g,h,i]perylene ...	18.227	2100637	18.648 ug/ml

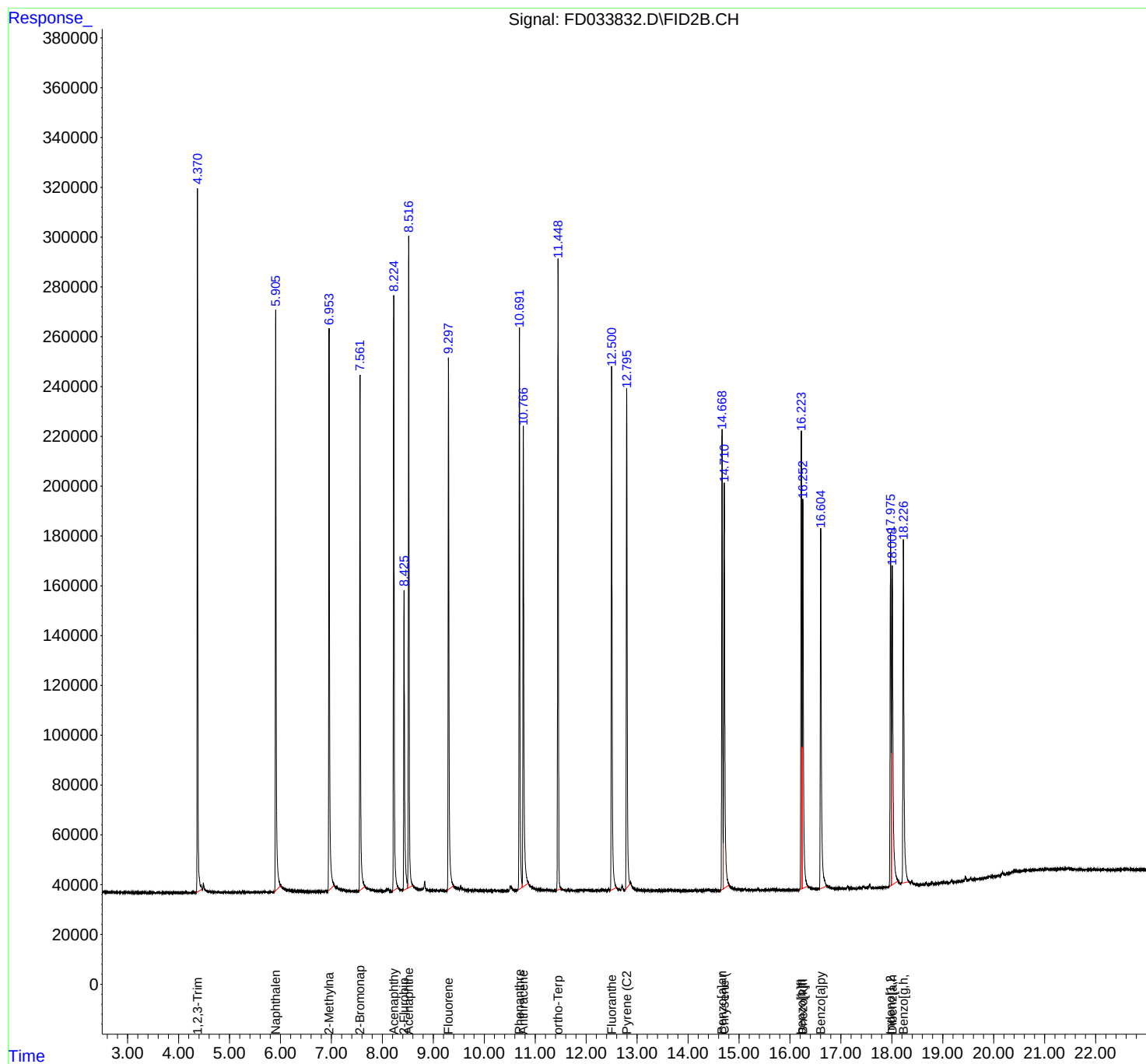
(f)=RT Delta > 1/2 Window

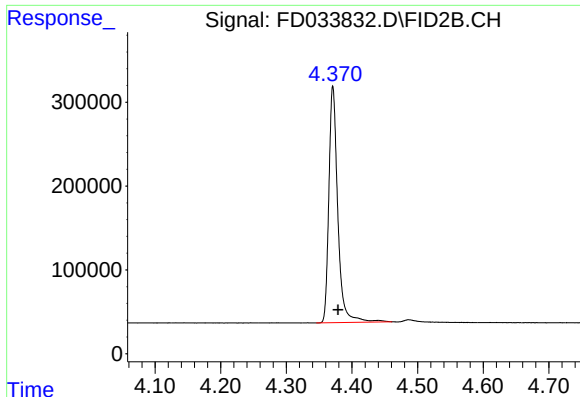
(m)=manual int.

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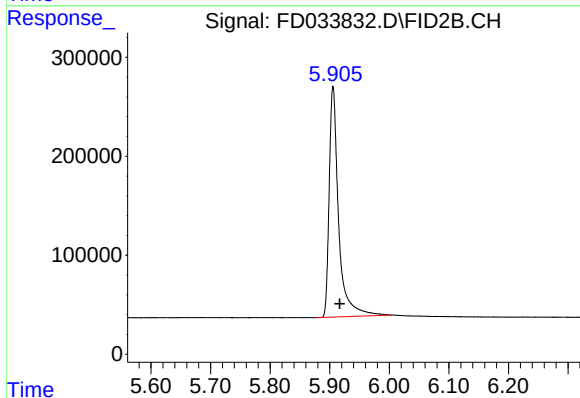
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Signal Info : 20M x 0.18mm x 0.18µm





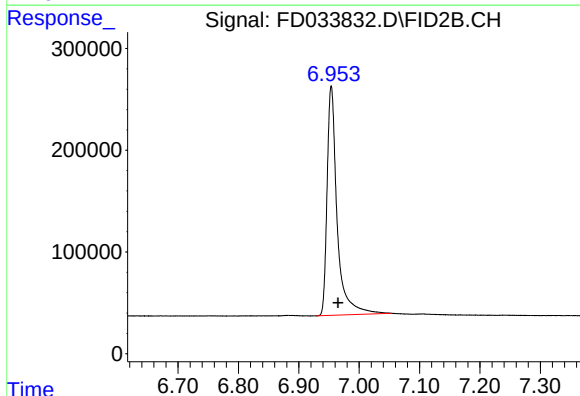
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.371 min
Delta R.T.: -0.008 min
Response: 2666048
Conc: 21.16 ug/ml



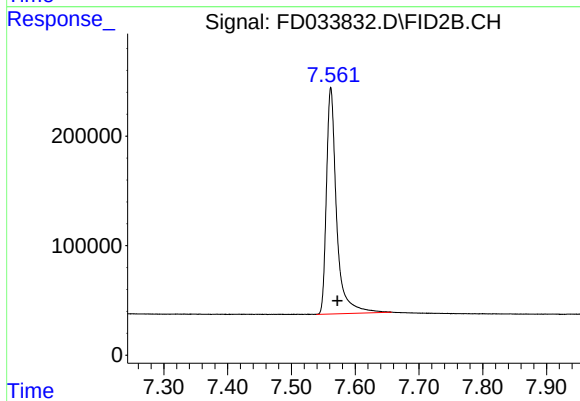
#2 Naphthalene (C11.7)

R.T.: 5.906 min
Delta R.T.: -0.011 min
Response: 2563758
Conc: 20.40 ug/ml



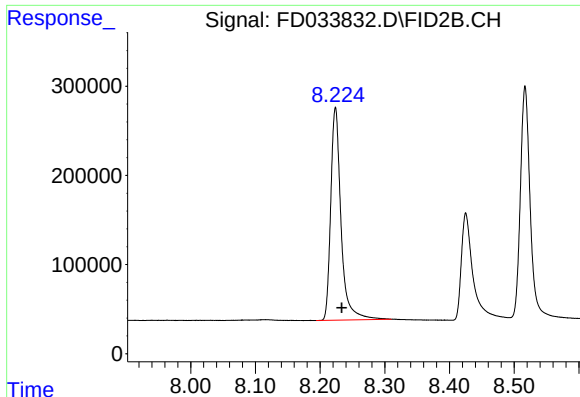
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.954 min
Delta R.T.: -0.011 min
Response: 2610007
Conc: 20.46 ug/ml



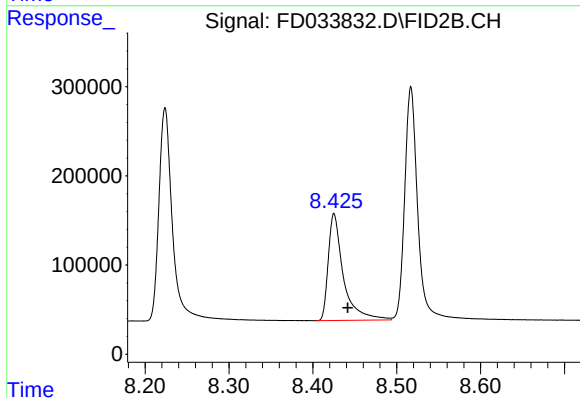
#4 2-Bromonaphthalene (SURR)

R.T.: 7.562 min
Delta R.T.: -0.010 min
Response: 2284162
Conc: 20.67 ug/ml



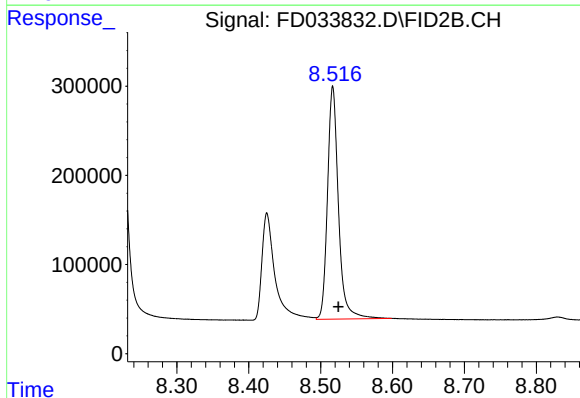
#5 Acenaphthylene (C15.06)

R.T.: 8.224 min
Delta R.T.: -0.010 min
Response: 2639046
Conc: 20.48 ug/ml



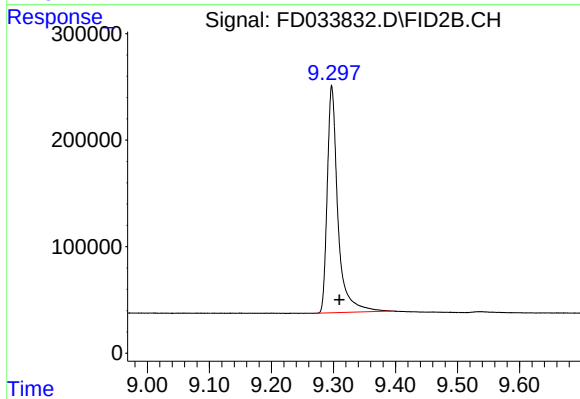
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.425 min
Delta R.T.: -0.016 min
Response: 1503244
Conc: 20.25 ug/ml



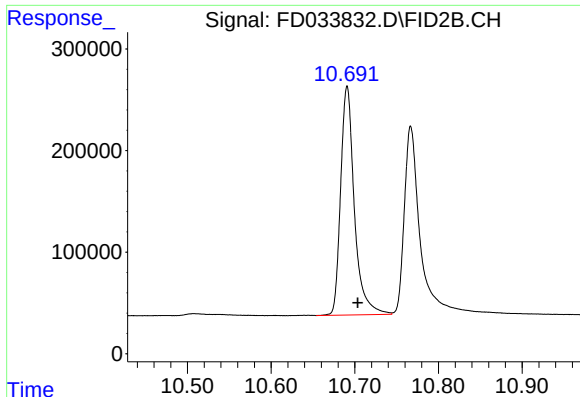
#7 Acenaphthene (C15.5)

R.T.: 8.517 min
Delta R.T.: -0.008 min
Response: 2778899
Conc: 20.77 ug/ml



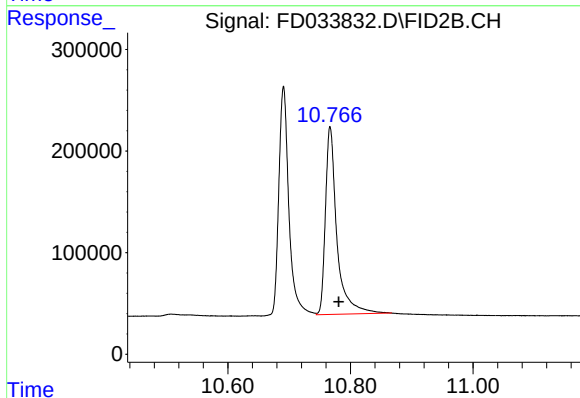
#8 Flouorene (C16.55)

R.T.: 9.297 min
Delta R.T.: -0.012 min
Response: 2540863
Conc: 20.22 ug/ml



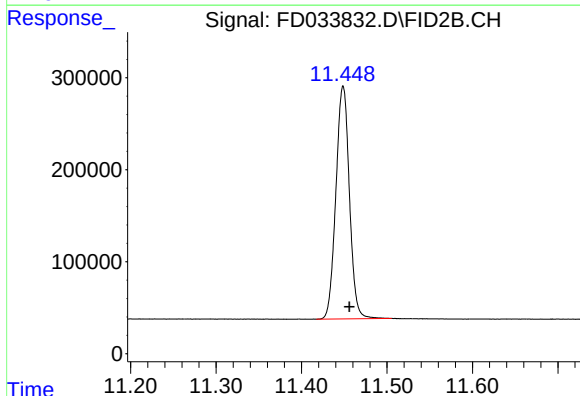
#9 Phenanthrene (C19.36)

R.T.: 10.691 min
Delta R.T.: -0.013 min
Response: 2565507
Conc: 19.98 ug/ml



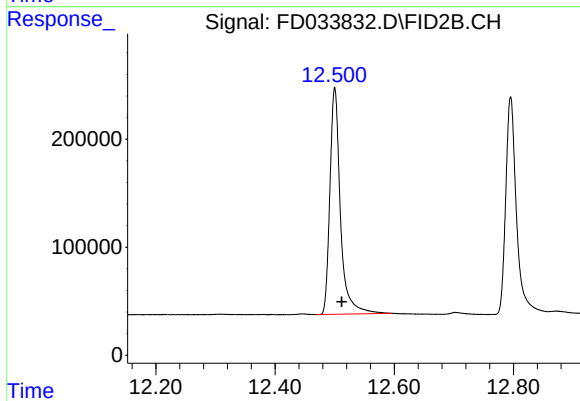
#10 Anthracene (C19.43)

R.T.: 10.767 min
Delta R.T.: -0.014 min
Response: 2398014
Conc: 18.97 ug/ml



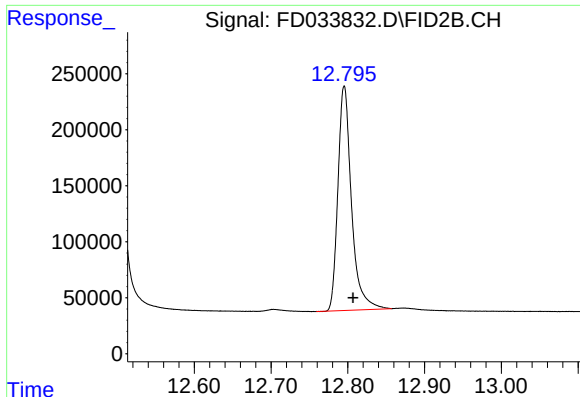
#11 ortho-Terphenyl (SURR)

R.T.: 11.449 min
Delta R.T.: -0.007 min
Response: 2783522
Conc: 20.04 ug/ml



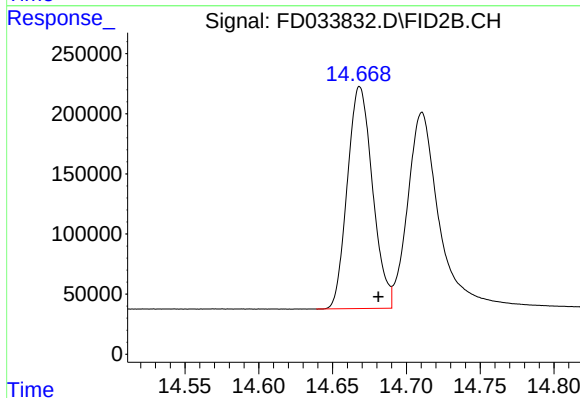
#12 Fluoranthene (C21.85)

R.T.: 12.500 min
Delta R.T.: -0.012 min
Response: 2576930
Conc: 19.57 ug/ml



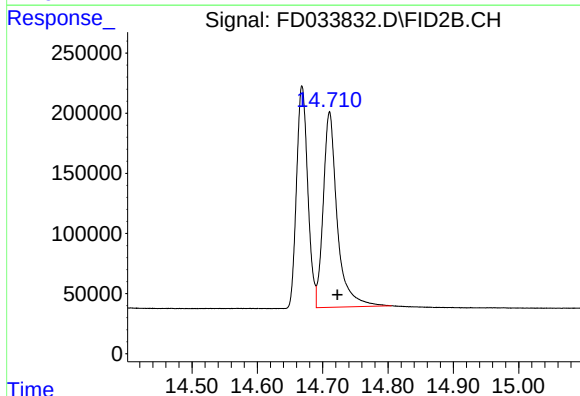
#13 Pyrene (C20.8)

R.T.: 12.795 min
Delta R.T.: -0.012 min
Response: 2457499
Conc: 19.13 ug/ml



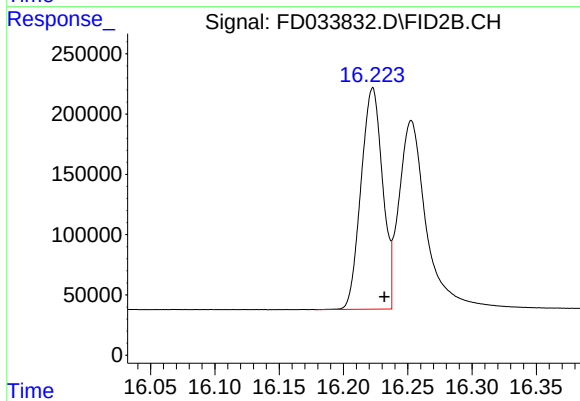
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.668 min
Delta R.T.: -0.013 min
Response: 2193624
Conc: 18.47 ug/ml



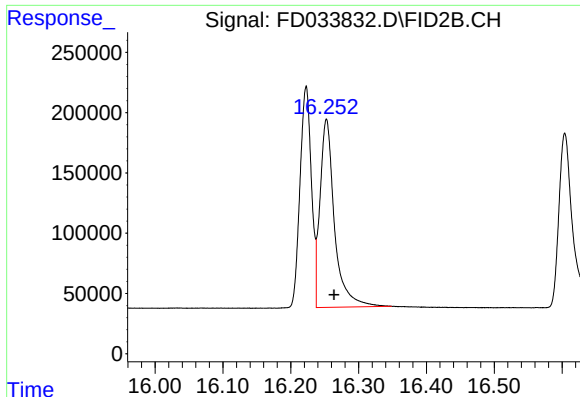
#15 Chrysene (C27.41)

R.T.: 14.711 min
Delta R.T.: -0.012 min
Response: 2427684
Conc: 18.33 ug/ml



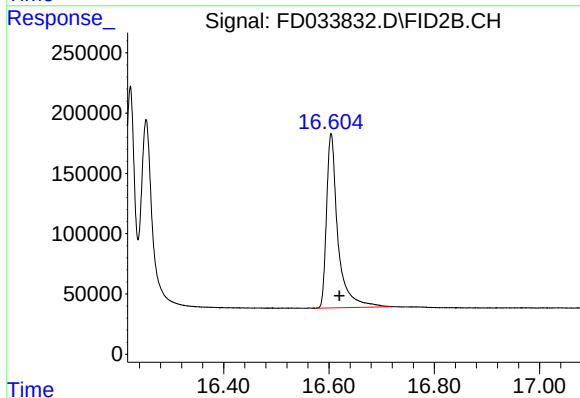
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.223 min
Delta R.T.: -0.009 min
Response: 2140323
Conc: 18.08 ug/ml



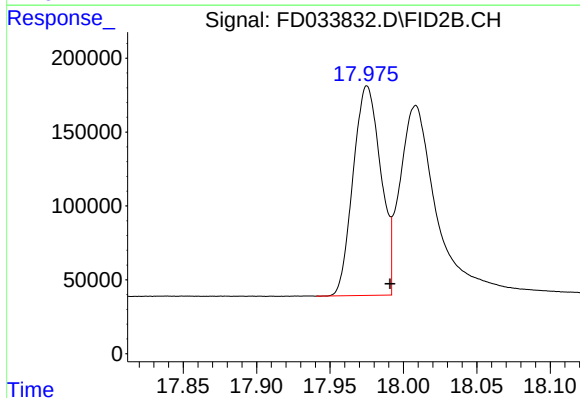
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.253 min
Delta R.T.: -0.011 min
Response: 2314874
Conc: 18.12 ug/ml



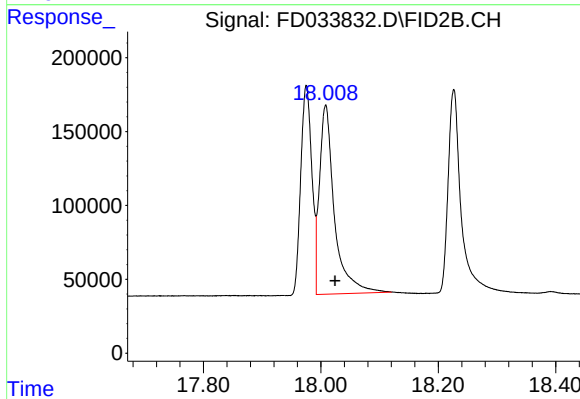
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.604 min
Delta R.T.: -0.015 min
Response: 2171670
Conc: 18.11 ug/ml



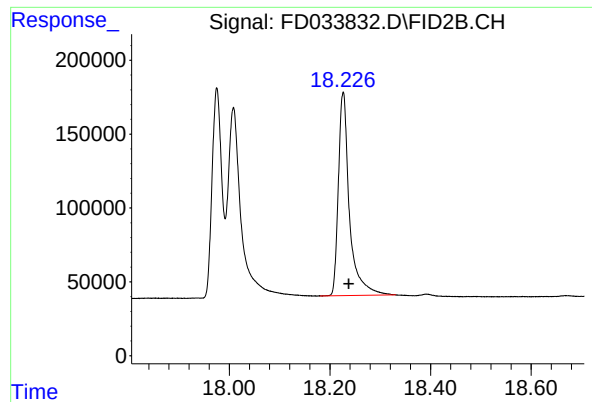
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.975 min
Delta R.T.: -0.016 min
Response: 1857416
Conc: 17.83 ug/ml



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

R.T.: 18.008 min
Delta R.T.: -0.016 min
Response: 2267833
Conc: 18.50 ug/ml



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

R.T.: 18.227 min
Delta R.T.: -0.011 min
Response: 2100637
Conc: 18.65 ug/ml