

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122021AR\
 Data File : FD040063.D
 Signal(s) : FID2B.CH
 Acq On : 20 Dec 2021 22:58
 Operator : AJ\MA
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 21 02:44:25 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122021.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 21 02:41:02 2021
 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...	6.850	1421110	11.008 ug/ml
Spiked Amount 50.000		Recovery =	22.02%
6) S 2-Fluorobiphenyl (SURR)	7.702	958778	11.006 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	22.01%
11) S ortho-Terphenyl (SURR)	10.743	1466576	10.998 ug/ml
Spiked Amount 50.000		Recovery =	22.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.695	1545173	11.061 ug/ml
2) T Naphthalene (C11.7)	5.197	1609062	10.998 ug/ml
3) T 2-Methylnaphthalene (...)	6.239	1615463	11.004 ug/ml
5) T Acenaphthylene (C15.06)	7.507	1468512	10.997 ug/ml
7) T Acenaphthene (C15.5)	7.801	1559537	11.034 ug/ml
8) T Fluorene (C16.55)	8.579	1528175	10.989 ug/ml
9) T Phenanthrene (C19.36)	9.968	1487350	11.037 ug/ml
10) T Anthracene (C19.43)	10.042	1427203	11.013 ug/ml
12) T Fluoranthene (C21.85)	11.773	1435979	10.902 ug/ml
13) T Pyrene (C20.8)	12.068	1399930	11.014 ug/ml
14) T Benzo[a]anthracene (C...	13.935	1284823	11.037 ug/ml
15) T Chrysene (C27.41)	13.977	1341523	11.035 ug/ml
16) T benzo[b]fluoranthene ...	15.482	1306326	11.011 ug/ml
17) T Bnezo[k]fluoranthene ...	15.513	1314167	11.198 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.857	1279836	11.027 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.217	1233490	10.855 ug/ml
20) T Dibenz[a,h]anthracene...	17.262	1215172	10.607 ug/ml
21) T Benzo[g,h,i]perylene ...	17.471	1284097	11.053 ug/ml

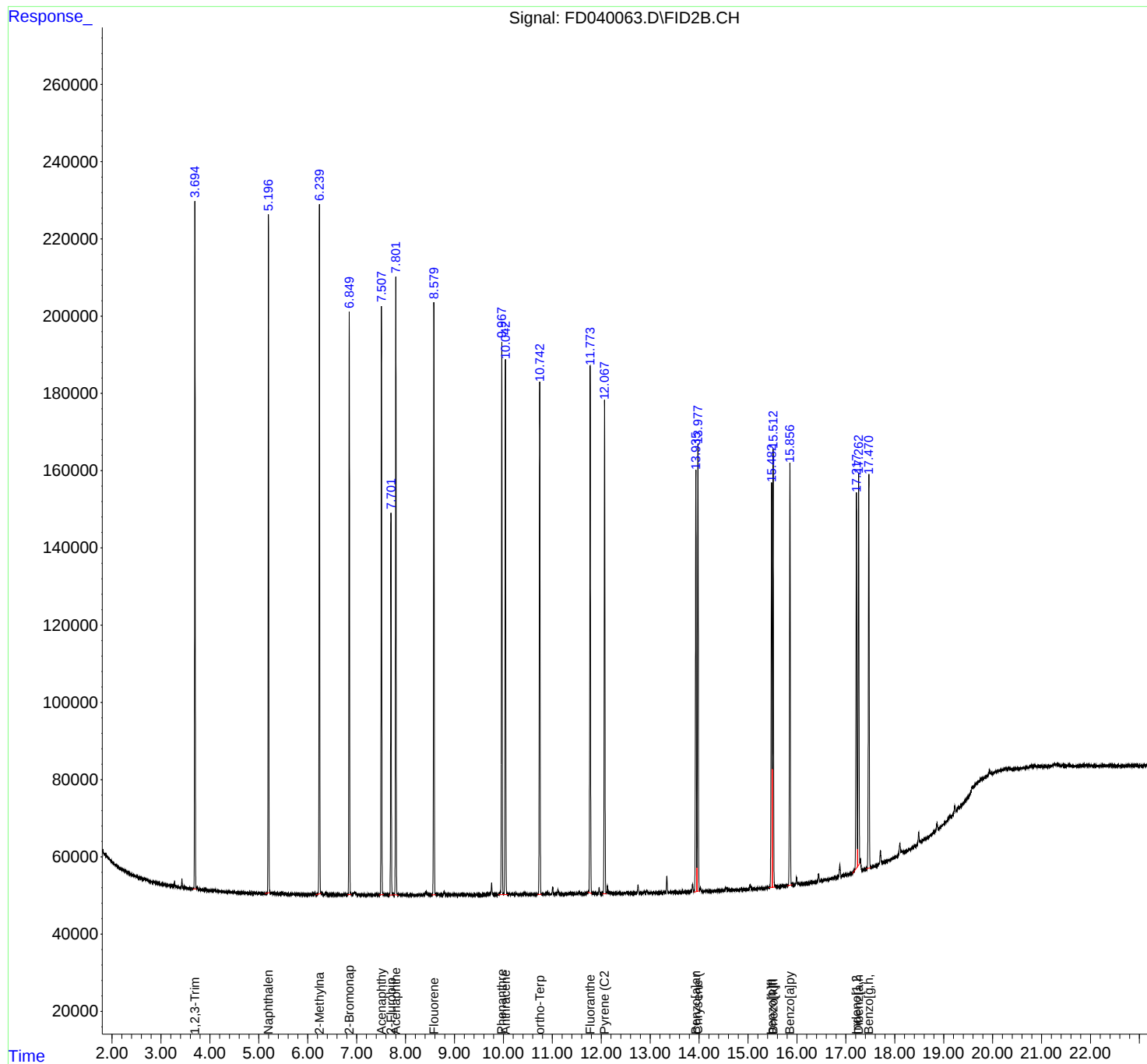
(f)=RT Delta > 1/2 Window

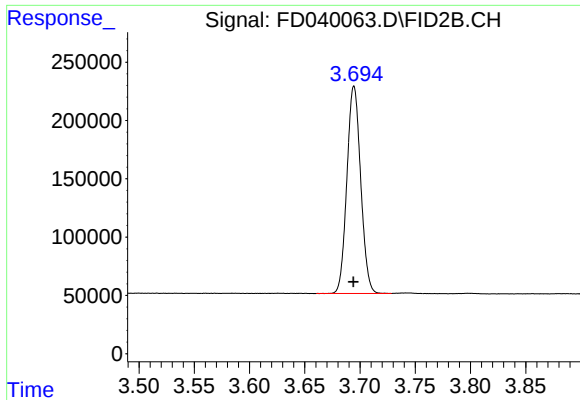
(m)=manual int.

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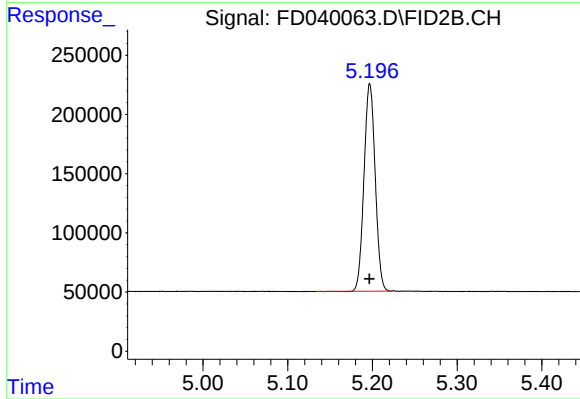
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Signal Info : 20M x 0.18mm x 0.18µm





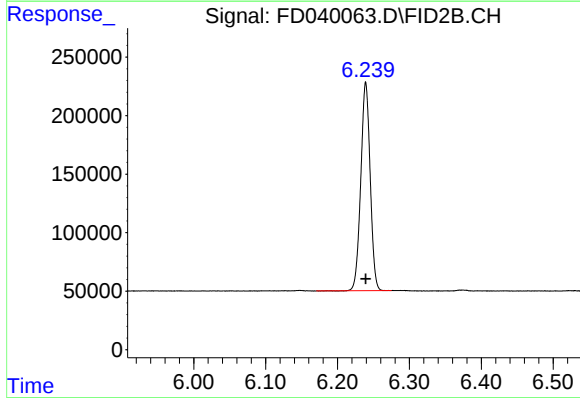
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.695 min
Delta R.T.: 0.000 min
Response: 1545173
Conc: 11.06 ug/ml



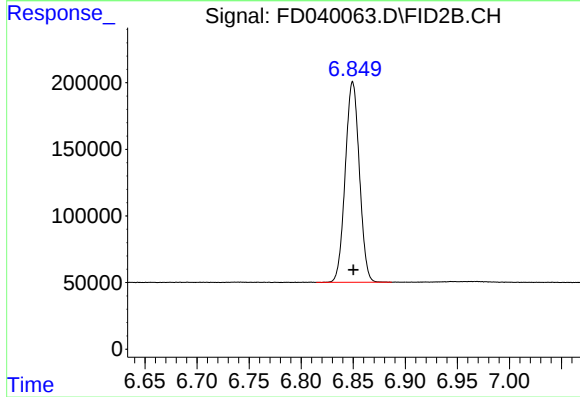
#2 Naphthalene (C11.7)

R.T.: 5.197 min
Delta R.T.: 0.000 min
Response: 1609062
Conc: 11.00 ug/ml



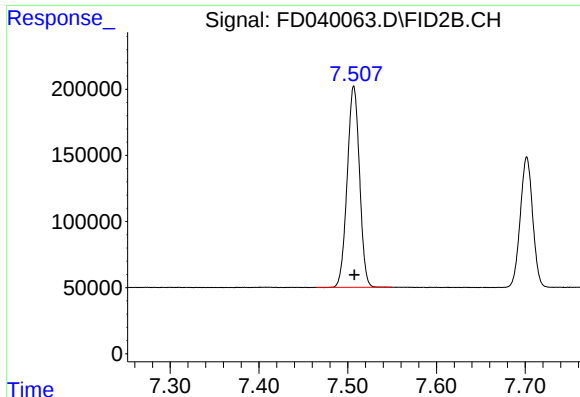
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 1615463
Conc: 11.00 ug/ml



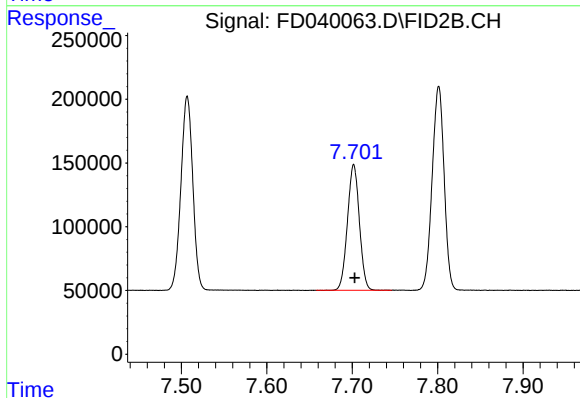
#4 2-Bromonaphthalene (SURR)

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 1421110
Conc: 11.01 ug/ml



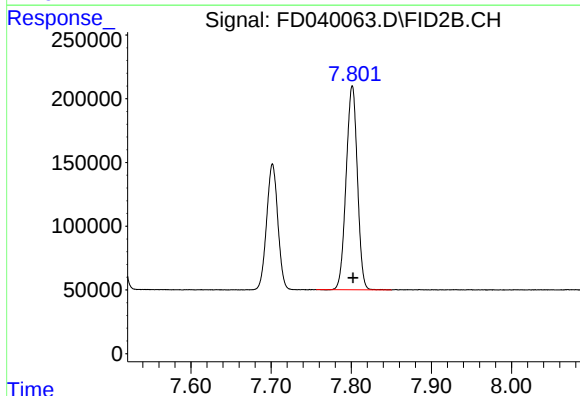
#5 Acenaphthylene (C15.06)

R.T.: 7.507 min
Delta R.T.: 0.000 min
Response: 1468512
Conc: 11.00 ug/ml



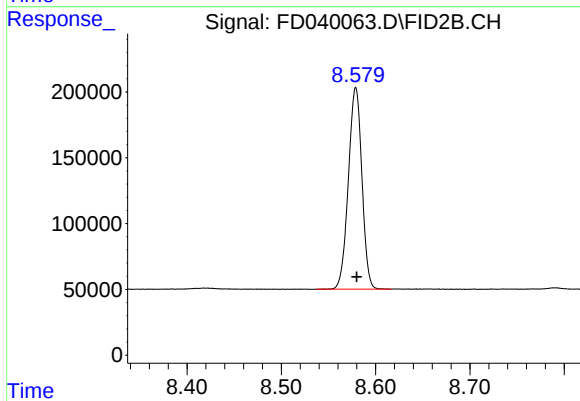
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.702 min
Delta R.T.: -0.001 min
Response: 958778
Conc: 11.01 ug/ml



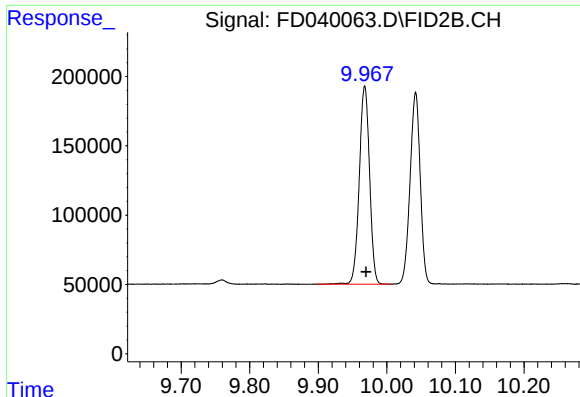
#7 Acenaphthene (C15.5)

R.T.: 7.801 min
Delta R.T.: 0.000 min
Response: 1559537
Conc: 11.03 ug/ml



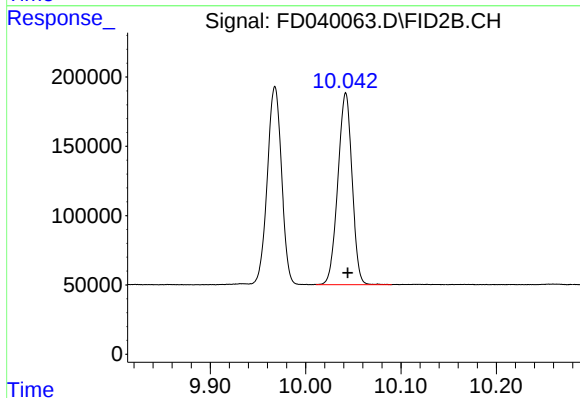
#8 Fluorene (C16.55)

R.T.: 8.579 min
Delta R.T.: 0.000 min
Response: 1528175
Conc: 10.99 ug/ml



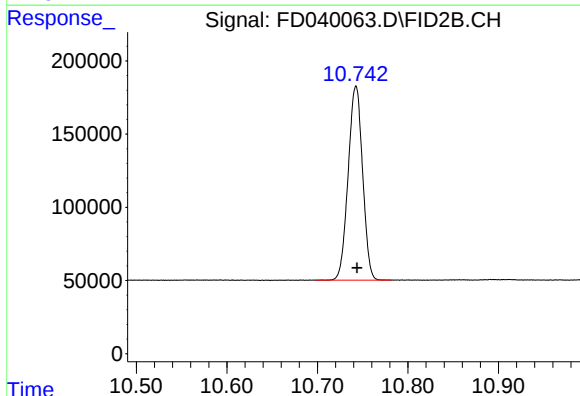
#9 Phenanthrene (C19.36)

R.T.: 9.968 min
Delta R.T.: -0.002 min
Response: 1487350
Conc: 11.04 ug/ml



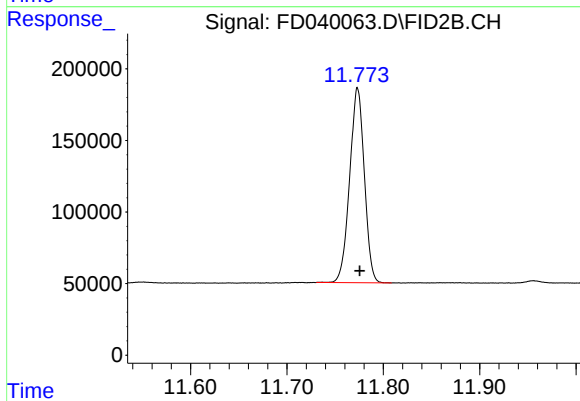
#10 Anthracene (C19.43)

R.T.: 10.042 min
Delta R.T.: -0.002 min
Response: 1427203
Conc: 11.01 ug/ml



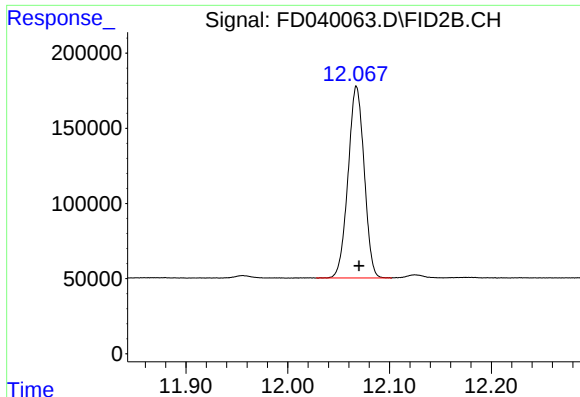
#11 ortho-Terphenyl (SURR)

R.T.: 10.743 min
Delta R.T.: 0.000 min
Response: 1466576
Conc: 11.00 ug/ml



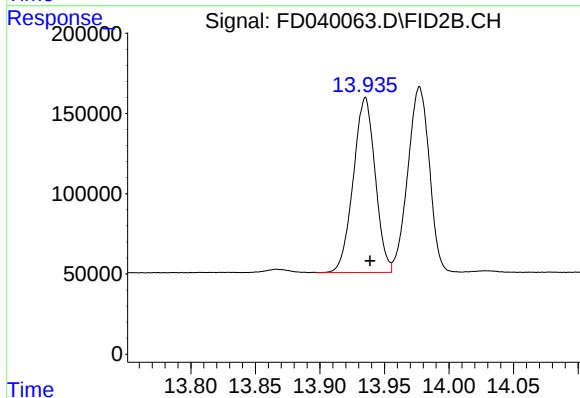
#12 Fluoranthene (C21.85)

R.T.: 11.773 min
Delta R.T.: -0.002 min
Response: 1435979
Conc: 10.90 ug/ml



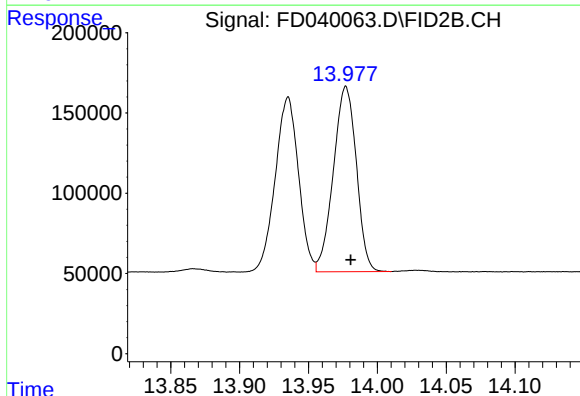
#13 Pyrene (C20.8)

R.T.: 12.068 min
Delta R.T.: -0.003 min
Response: 1399930
Conc: 11.01 ug/ml



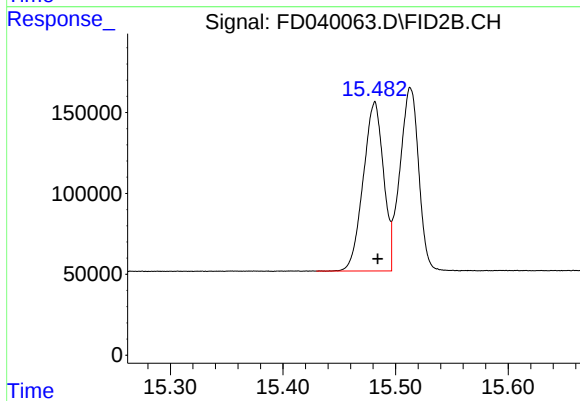
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.935 min
Delta R.T.: -0.004 min
Response: 1284823
Conc: 11.04 ug/ml



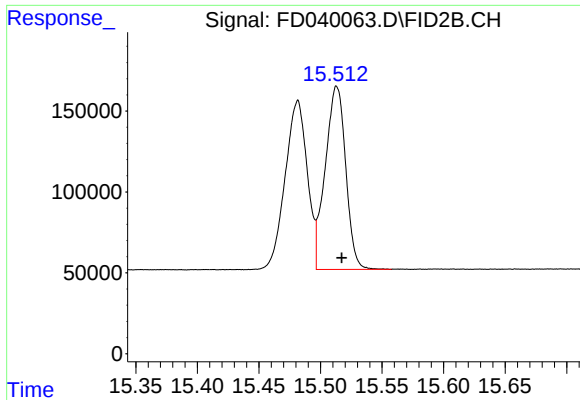
#15 Chrysene (C27.41)

R.T.: 13.977 min
Delta R.T.: -0.003 min
Response: 1341523
Conc: 11.03 ug/ml



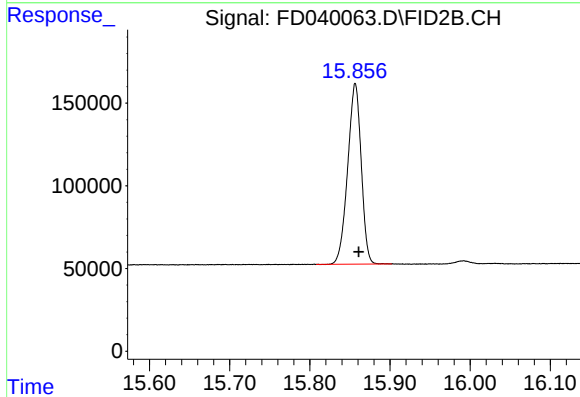
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.482 min
Delta R.T.: -0.003 min
Response: 1306326
Conc: 11.01 ug/ml



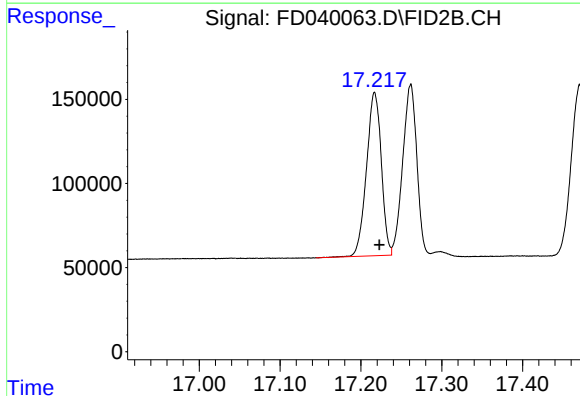
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.513 min
Delta R.T.: -0.004 min
Response: 1314167
Conc: 11.20 ug/ml



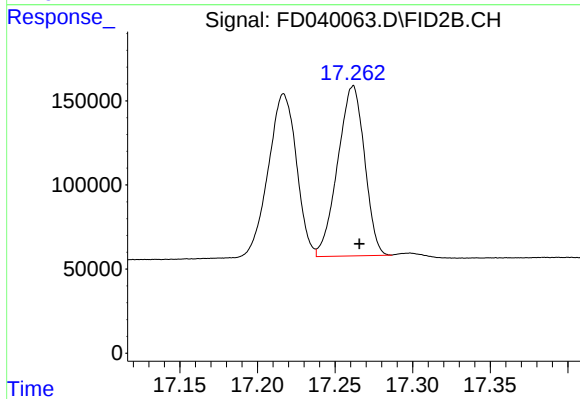
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.857 min
Delta R.T.: -0.004 min
Response: 1279836
Conc: 11.03 ug/ml



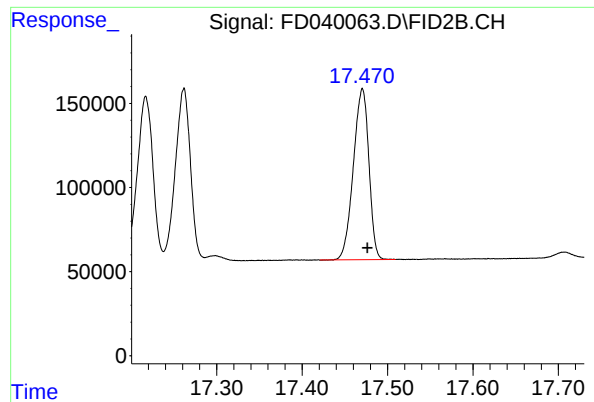
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.217 min
Delta R.T.: -0.006 min
Response: 1233490
Conc: 10.86 ug/ml



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

R.T.: 17.262 min
Delta R.T.: -0.004 min
Response: 1215172
Conc: 10.61 ug/ml



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

R.T.: 17.471 min
Delta R.T.: -0.006 min
Response: 1284097
Conc: 11.05 ug/ml