

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071421AR\
 Data File : FD038182.D
 Signal(s) : FID2B.CH
 Acq On : 14 Jul 2021 10:36
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 15 03:47:55 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:27:43 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...	7.516	2376069	18.231 ug/ml
Spiked Amount 50.000		Recovery =	36.46%
6) S 2-Fluorobiphenyl (SURR)	8.376	1535548	17.352 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.70%
11) S ortho-Terphenyl (SURR)	11.412	2650426	17.489 ug/ml
Spiked Amount 50.000		Recovery =	34.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.321	2655543	18.748 ug/ml
2) T Naphthalene (C11.7)	5.854	2724658	18.429 ug/ml
3) T 2-Methylnaphthalene (...)	6.905	2670979	18.199 ug/ml
5) T Acenaphthylene (C15.06)	8.177	2516129	16.867 ug/ml
7) T Acenaphthene (C15.5)	8.472	2672103	17.258 ug/ml
8) T Flouorene (C16.55)	9.253	2490798	16.991 ug/ml
9) T Phenanthrene (C19.36)	10.647	2412121	16.686 ug/ml
10) T Anthracene (C19.43)	10.722	2105873	14.885 ug/ml
12) T Fluoranthene (C21.85)	12.457	2319985	16.014 ug/ml
13) T Pyrene (C20.8)	12.753	2205194	15.476 ug/ml
14) T Benzo[a]anthracene (C...	14.625	1944046	15.226 ug/ml
15) T Chrysene (C27.41)	14.666	2150356	15.189 ug/ml
16) T benzo[b]fluoranthene ...	16.176	2030324	16.282 ug/ml
17) T Bnezo[k]fluoranthene ...	16.206	2086485	15.905 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.553	1888259	16.097 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.923	1903603	18.392 ug/ml
20) T Dibenz[a,h]anthracene...	17.959	2141007	18.164 ug/ml
21) T Benzo[g,h,i]perylene ...	18.175	2057695	18.852 ug/ml

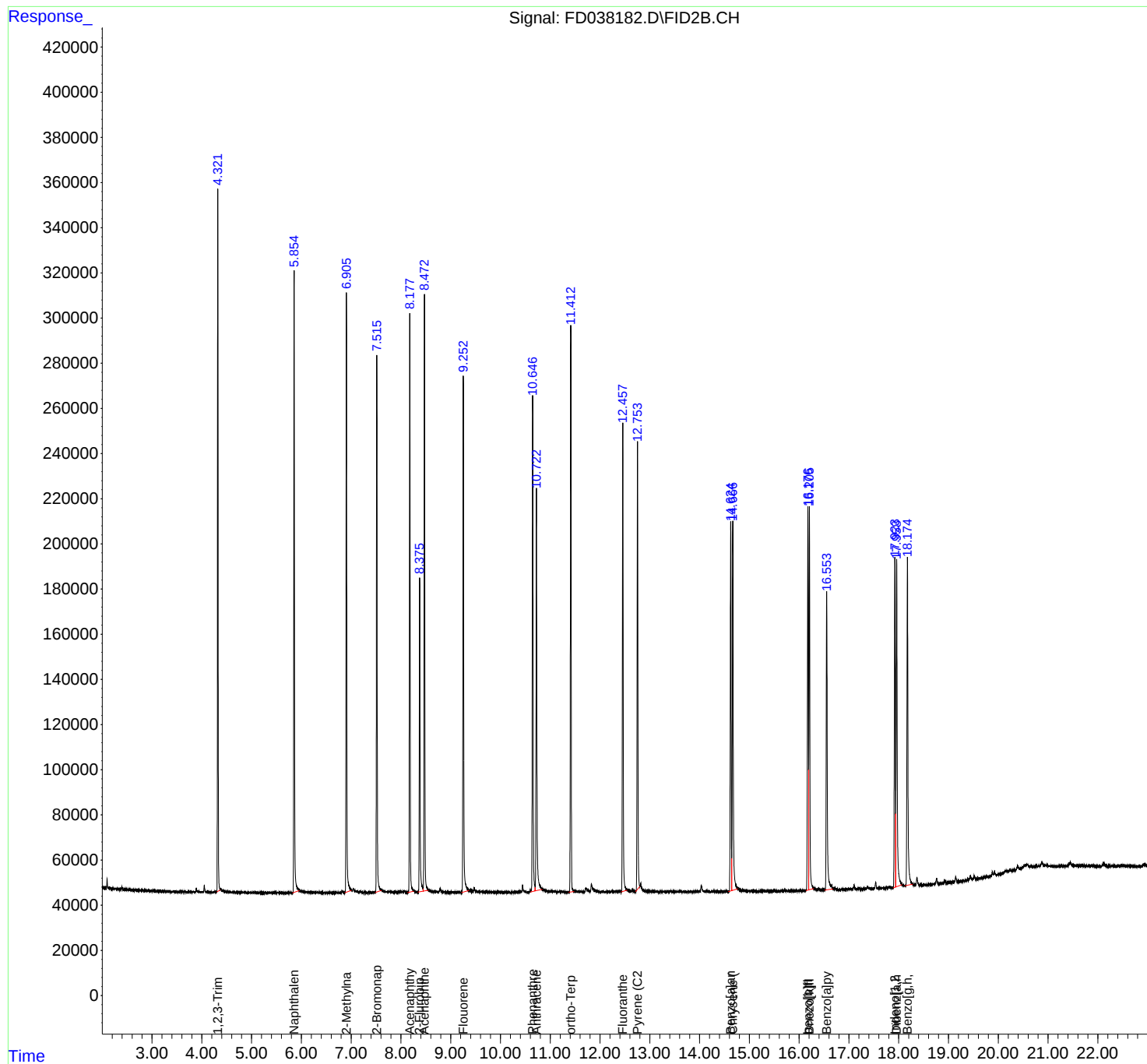
(f)=RT Delta > 1/2 Window

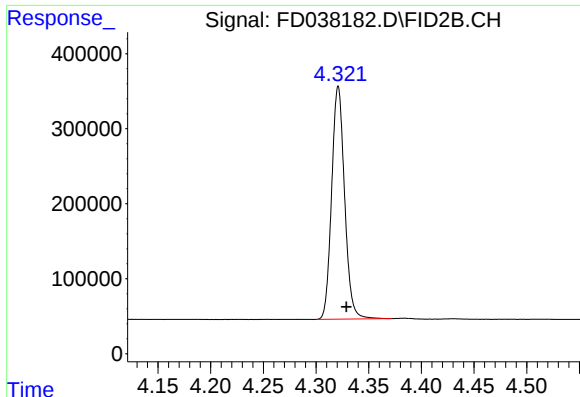
(m)=manual int.

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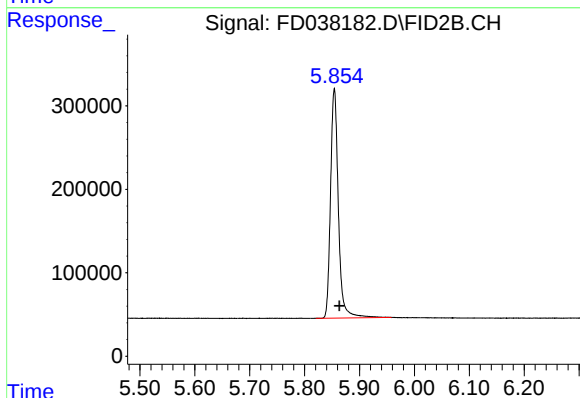
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Signal Info : 20M x 0.18mm x 0.18µm





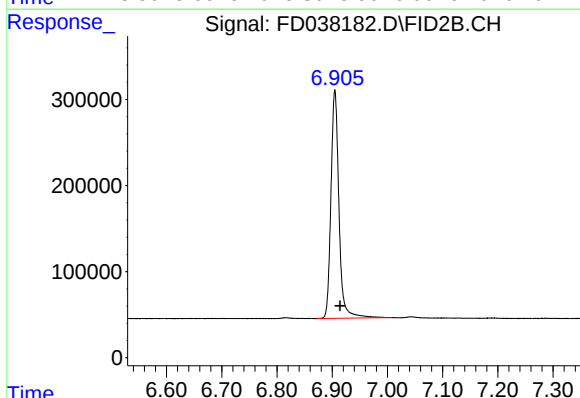
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.321 min
Delta R.T.: -0.008 min
Response: 2655543
Conc: 18.75 ug/ml



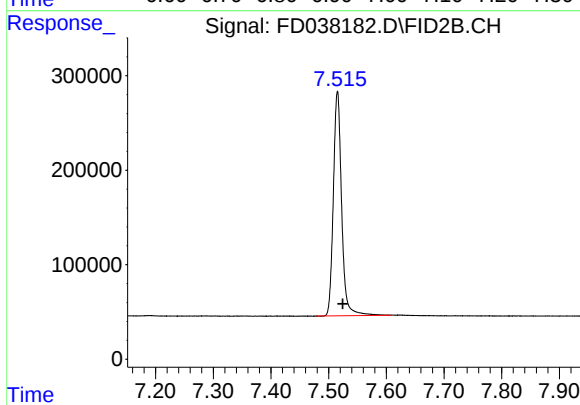
#2 Naphthalene (C11.7)

R.T.: 5.854 min
Delta R.T.: -0.009 min
Response: 2724658
Conc: 18.43 ug/ml



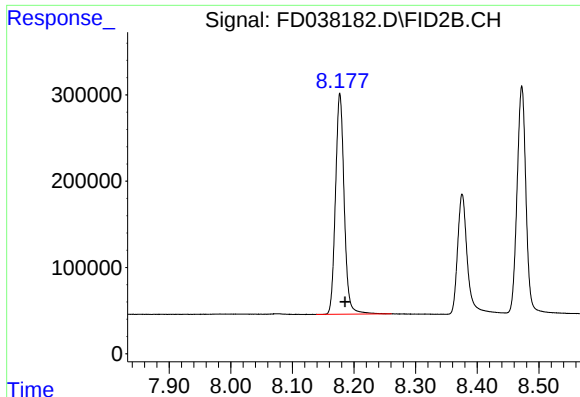
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.905 min
Delta R.T.: -0.009 min
Response: 2670979
Conc: 18.20 ug/ml



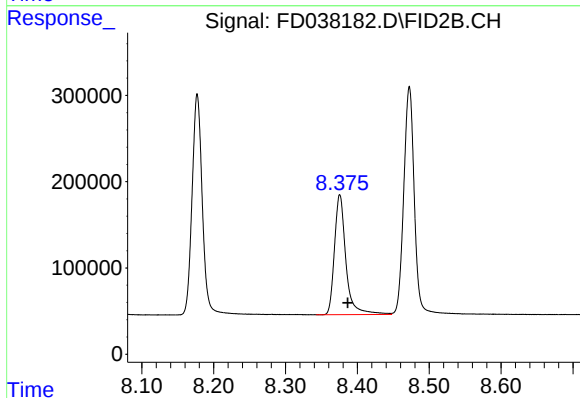
#4 2-Bromonaphthalene (SURR)

R.T.: 7.516 min
Delta R.T.: -0.009 min
Response: 2376069
Conc: 18.23 ug/ml



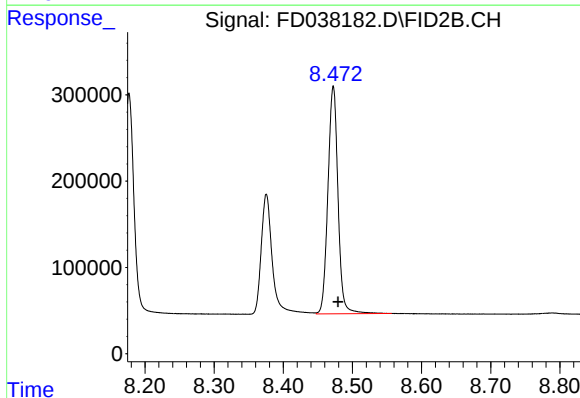
#5 Acenaphthylene (C15.06)

R.T.: 8.177 min
Delta R.T.: -0.008 min
Response: 2516129
Conc: 16.87 ug/ml



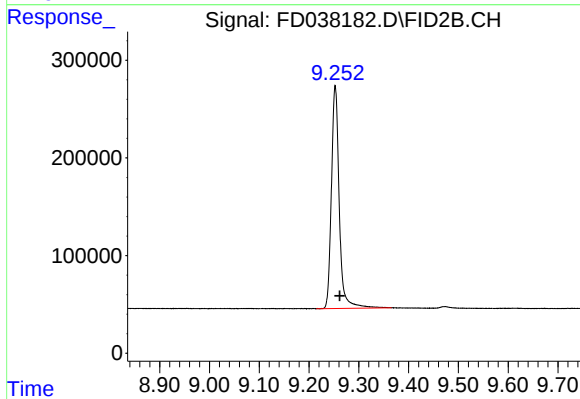
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.376 min
Delta R.T.: -0.011 min
Response: 1535548
Conc: 17.35 ug/ml



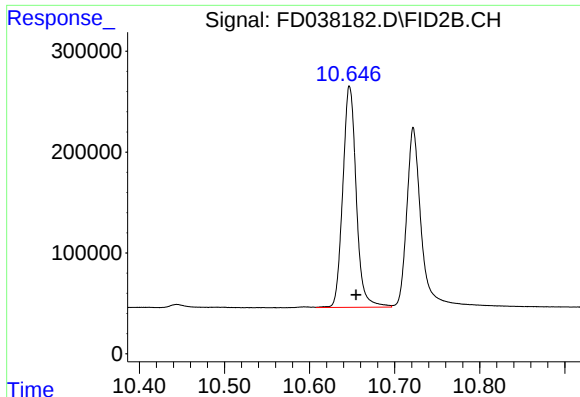
#7 Acenaphthene (C15.5)

R.T.: 8.472 min
Delta R.T.: -0.007 min
Response: 2672103
Conc: 17.26 ug/ml



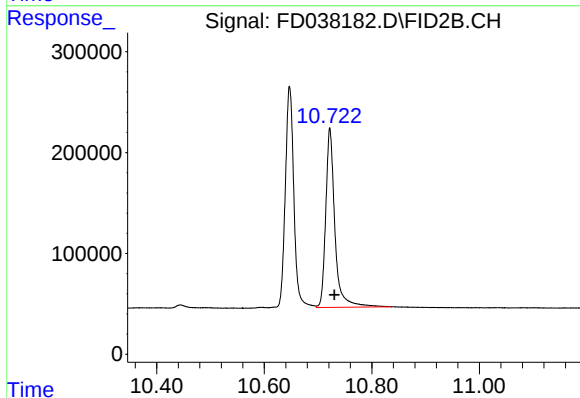
#8 Fluorene (C16.55)

R.T.: 9.253 min
Delta R.T.: -0.009 min
Response: 2490798
Conc: 16.99 ug/ml



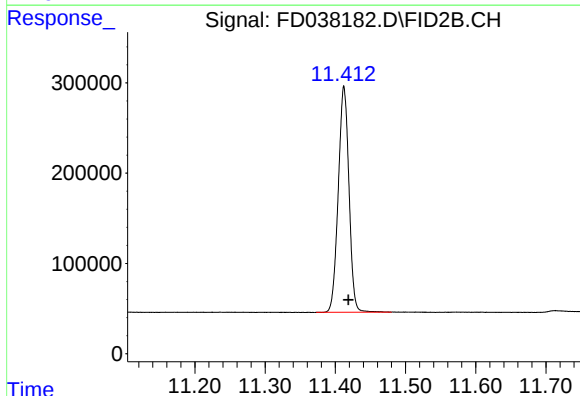
#9 Phenanthrene (C19.36)

R.T.: 10.647 min
Delta R.T.: -0.008 min
Response: 2412121
Conc: 16.69 ug/ml



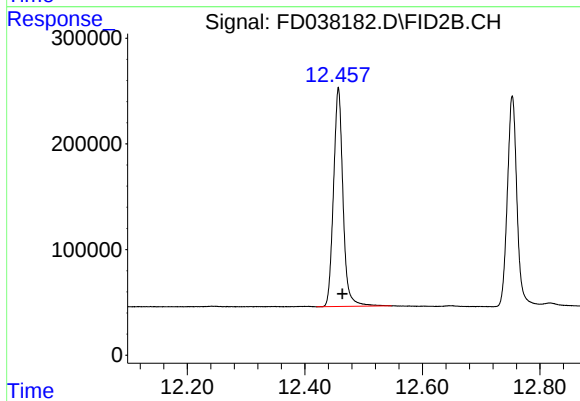
#10 Anthracene (C19.43)

R.T.: 10.722 min
Delta R.T.: -0.008 min
Response: 2105873
Conc: 14.89 ug/ml



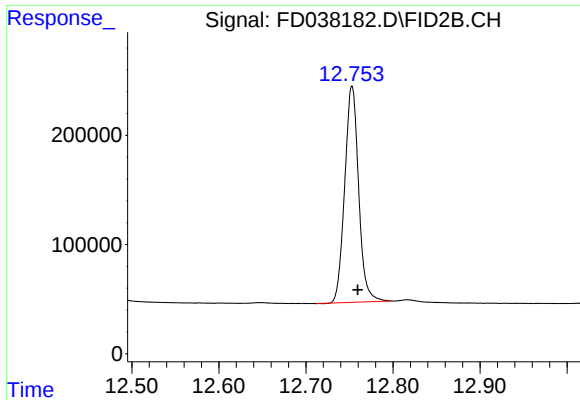
#11 ortho-Terphenyl (SURR)

R.T.: 11.412 min
Delta R.T.: -0.006 min
Response: 2650426
Conc: 17.49 ug/ml



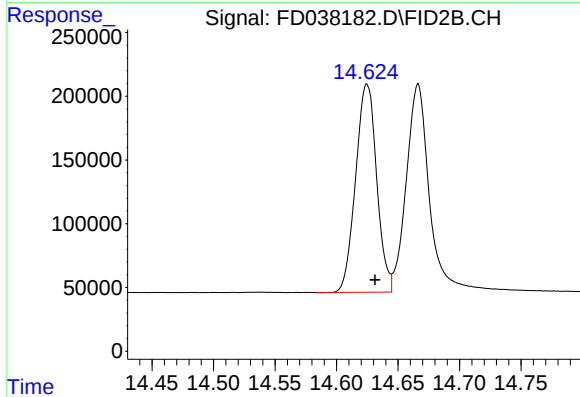
#12 Fluoranthene (C21.85)

R.T.: 12.457 min
Delta R.T.: -0.007 min
Response: 2319985
Conc: 16.01 ug/ml



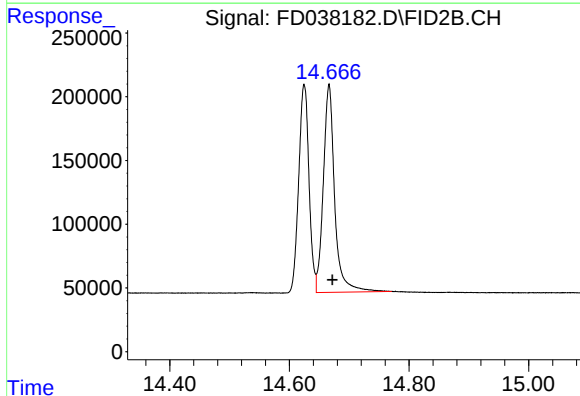
#13 Pyrene (C20.8)

R.T.: 12.753 min
Delta R.T.: -0.007 min
Response: 2205194
Conc: 15.48 ug/ml



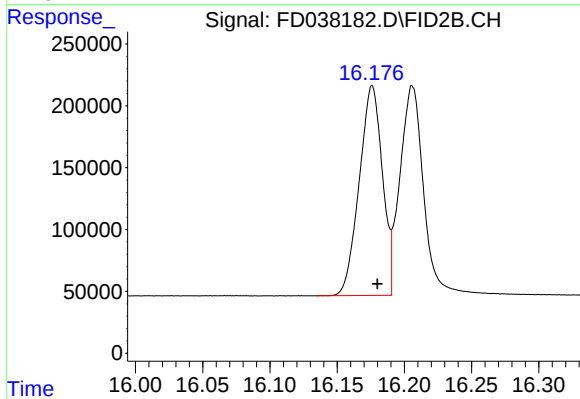
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.625 min
Delta R.T.: -0.007 min
Response: 1944046
Conc: 15.23 ug/ml



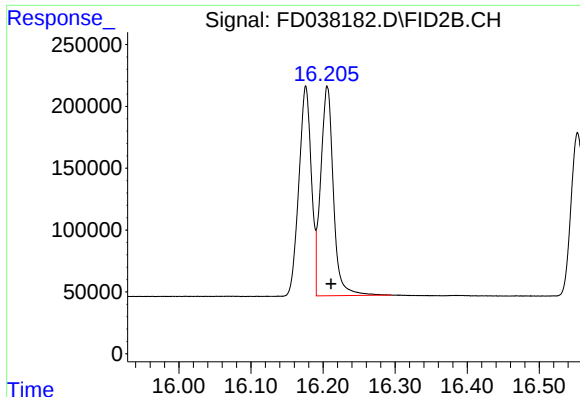
#15 Chrysene (C27.41)

R.T.: 14.666 min
Delta R.T.: -0.006 min
Response: 2150356
Conc: 15.19 ug/ml



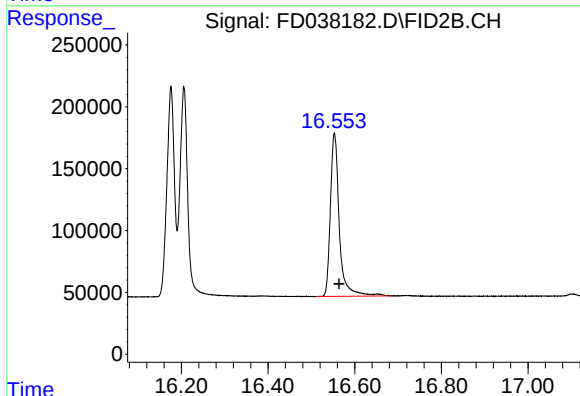
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.176 min
Delta R.T.: -0.004 min
Response: 2030324
Conc: 16.28 ug/ml



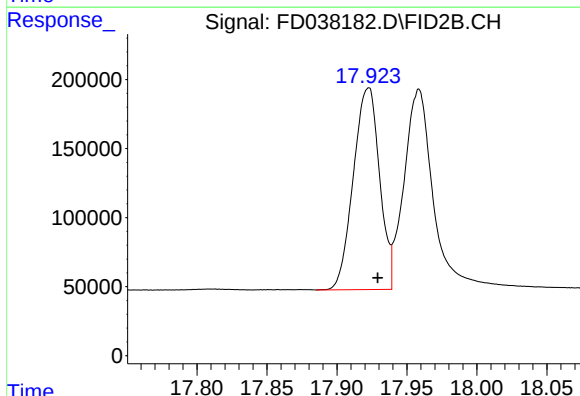
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.206 min
Delta R.T.: -0.005 min
Response: 2086485
Conc: 15.91 ug/ml



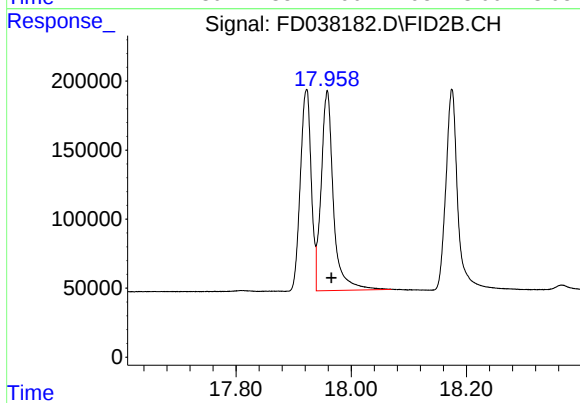
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.553 min
Delta R.T.: -0.011 min
Response: 1888259
Conc: 16.10 ug/ml



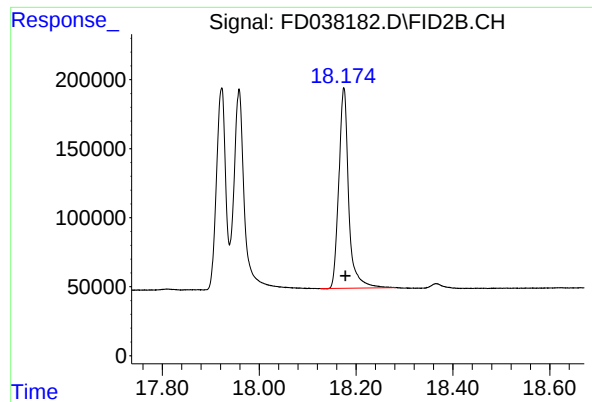
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.923 min
Delta R.T.: -0.007 min
Response: 1903603
Conc: 18.39 ug/ml



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

R.T.: 17.959 min
Delta R.T.: -0.007 min
Response: 2141007
Conc: 18.16 ug/ml



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

R.T.: 18.175 min
Delta R.T.: -0.003 min
Response: 2057695
Conc: 18.85 ug/ml