

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071521AR\
 Data File : FD038232.D
 Signal(s) : FID2B.CH
 Acq On : 16 Jul 2021 4:47
 Operator : AJ\MA
 Sample : M2940-09
 Misc : AR MDL 2.5 PPM
 ALS Vial : 69 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 16 06:46:50 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...	7.523	6043036	46.368 ug/ml
Spiked Amount 50.000		Recovery =	92.74%
6) S 2-Fluorobiphenyl (SURR)	8.385	3857886	43.596 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.19%
11) S ortho-Terphenyl (SURR)	11.423	6979554	46.055 ug/ml
Spiked Amount 50.000		Recovery =	92.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.325	302517	2.136 ug/ml
2) T Naphthalene (C11.7)	5.861	306923	2.076 ug/ml
3) T 2-Methylnaphthalene (...)	6.912	294400	2.006 ug/ml
5) T Acenaphthylene (C15.06)	8.185	298072	1.998 ug/ml
7) T Acenaphthene (C15.5)	8.478	341547	2.206 ug/ml
8) T Fluorene (C16.55)	9.261	274403	1.872 ug/ml
9) T Phenanthrene (C19.36)	10.656	244021	1.688 ug/ml
10) T Anthracene (C19.43)	10.732	205840	1.455 ug/ml
12) T Fluoranthene (C21.85)	12.466	243513	1.681 ug/ml
13) T Pyrene (C20.8)	12.761	242171	1.700 ug/ml
14) T Benzo[a]anthracene (C...	14.635	208121	1.630 ug/ml
15) T Chrysene (C27.41)	14.676	276918	1.956 ug/ml
16) T benzo[b]fluoranthene ...	16.186	239915	1.924 ug/ml
17) T Bnezo[k]fluoranthene ...	16.216	250242	1.908 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.569	209193	1.783 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.936	208616	2.016 ug/ml
20) T Dibenz[a,h]anthracene...	17.969	369509	3.135 ug/ml
21) T Benzo[g,h,i]perylene ...	18.187	247189	2.265 ug/ml

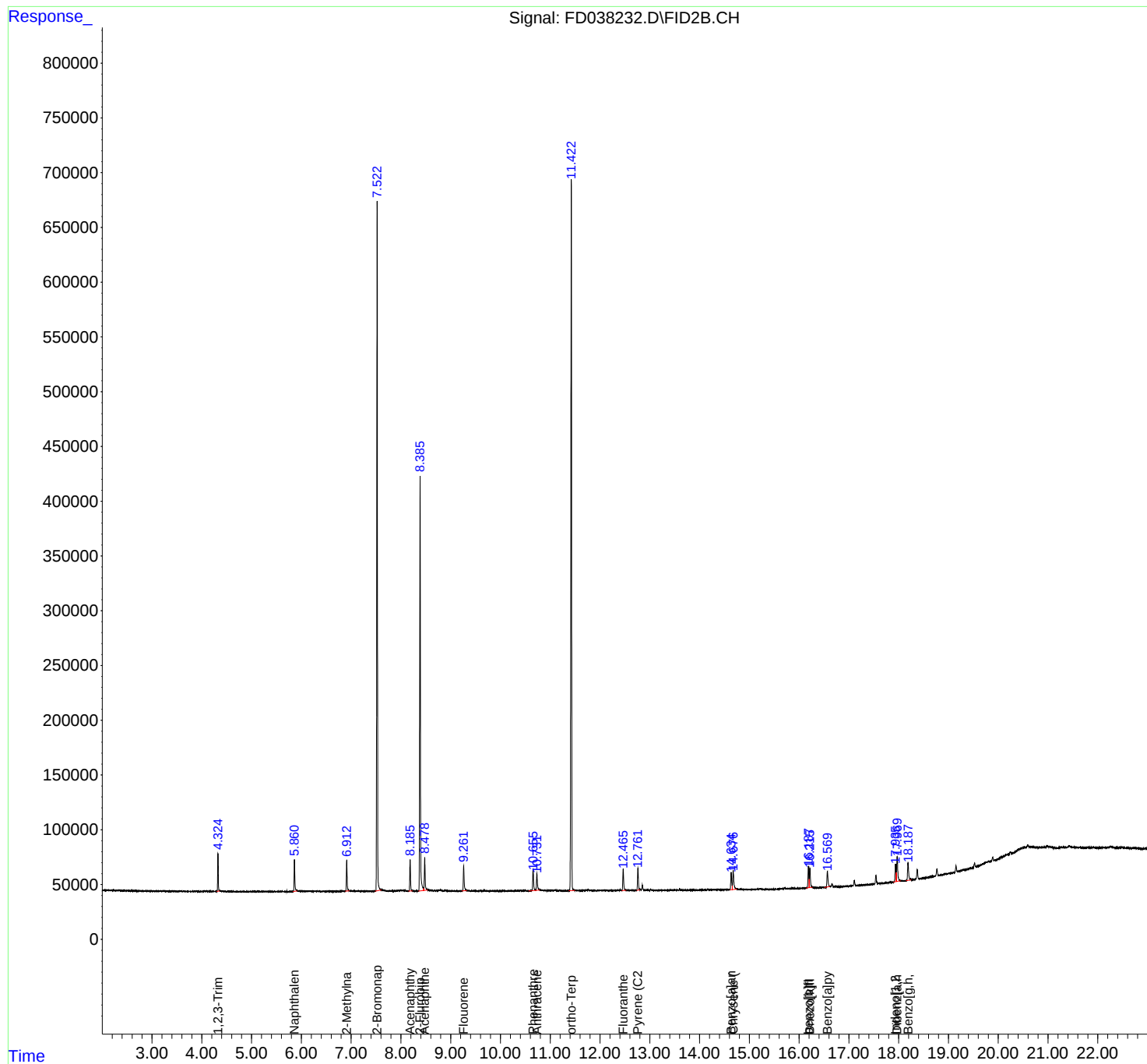
(f)=RT Delta > 1/2 Window

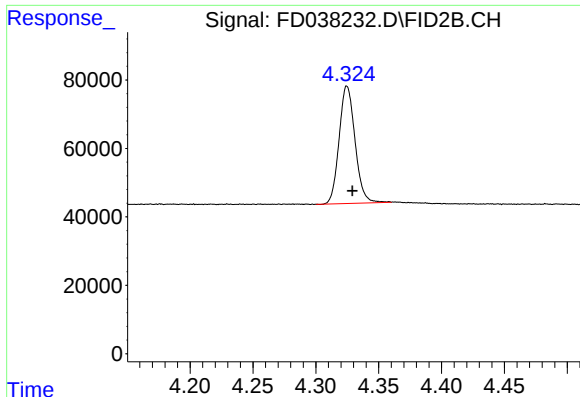
(m)=manual int.

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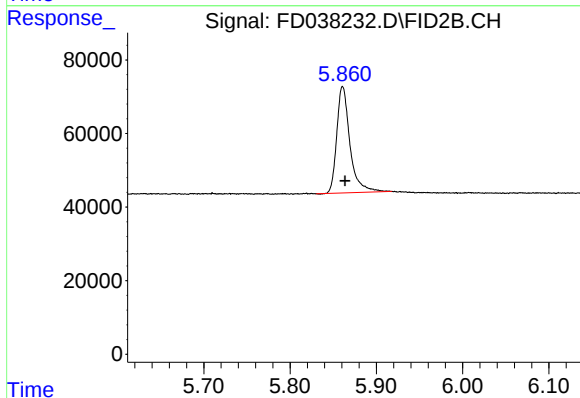
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





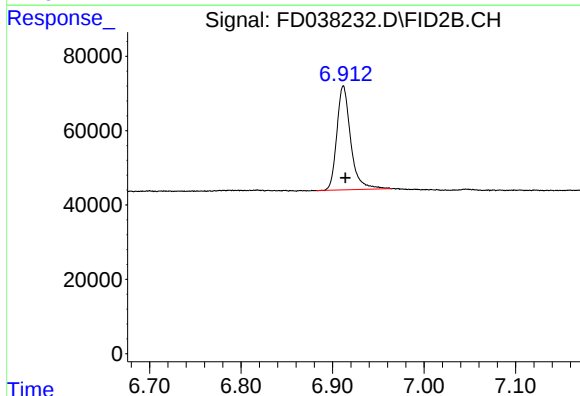
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.325 min
Delta R.T.: -0.004 min
Response: 302517
Conc: 2.14 ug/ml



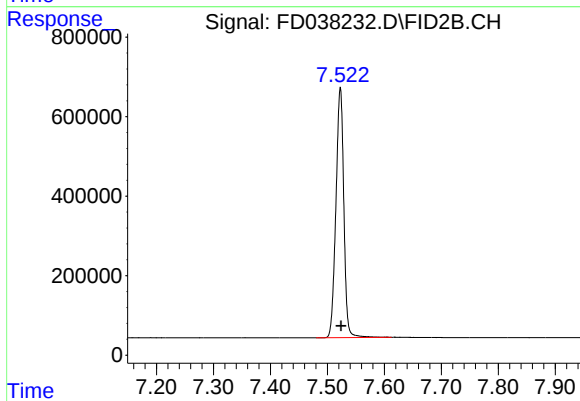
#2 Naphthalene (C11.7)

R.T.: 5.861 min
Delta R.T.: -0.003 min
Response: 306923
Conc: 2.08 ug/ml



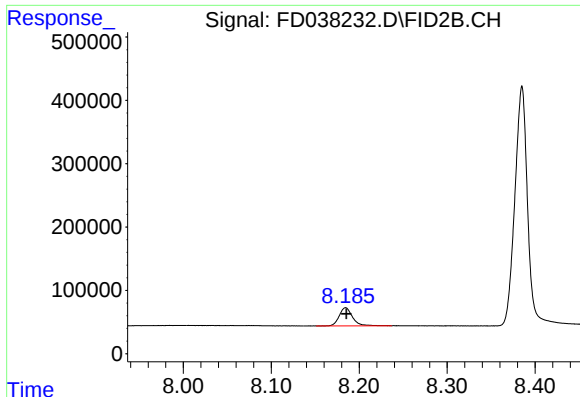
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.912 min
Delta R.T.: -0.002 min
Response: 294400
Conc: 2.01 ug/ml



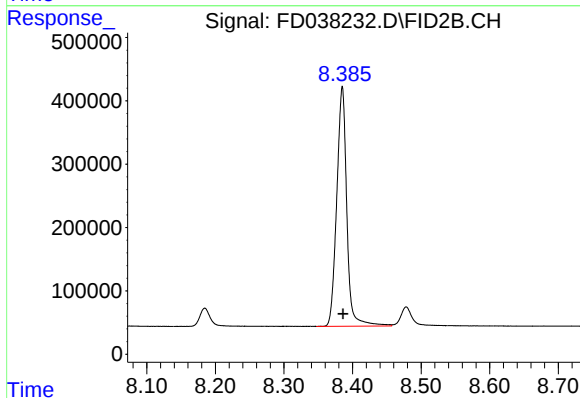
#4 2-Bromonaphthalene (SURR)

R.T.: 7.523 min
Delta R.T.: -0.002 min
Response: 6043036
Conc: 46.37 ug/ml



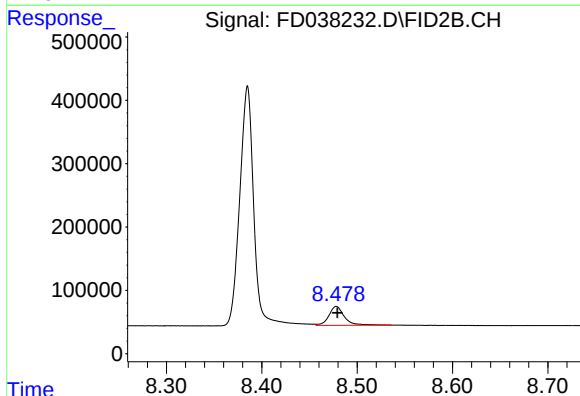
#5 Acenaphthylene (C15.06)

R.T.: 8.185 min
Delta R.T.: 0.000 min
Response: 298072
Conc: 2.00 ug/ml



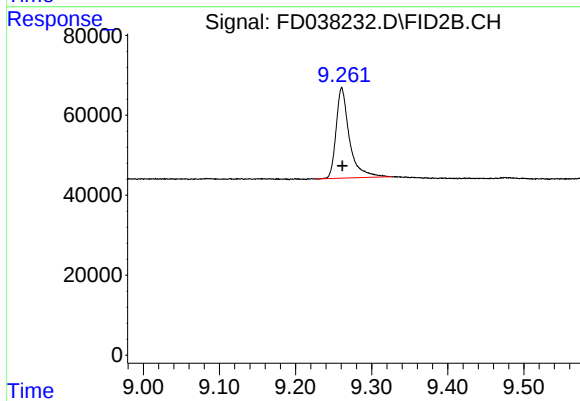
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.385 min
Delta R.T.: -0.001 min
Response: 3857886
Conc: 43.60 ug/ml



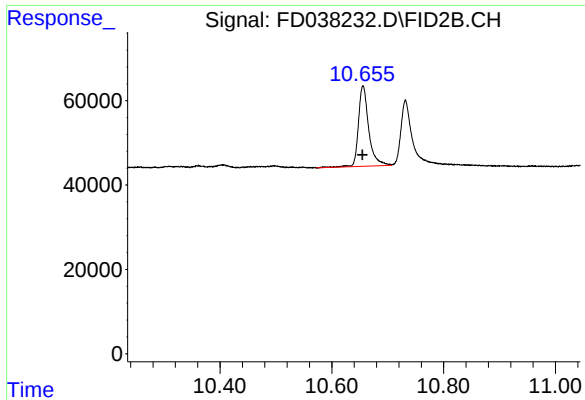
#7 Acenaphthene (C15.5)

R.T.: 8.478 min
Delta R.T.: -0.001 min
Response: 341547
Conc: 2.21 ug/ml



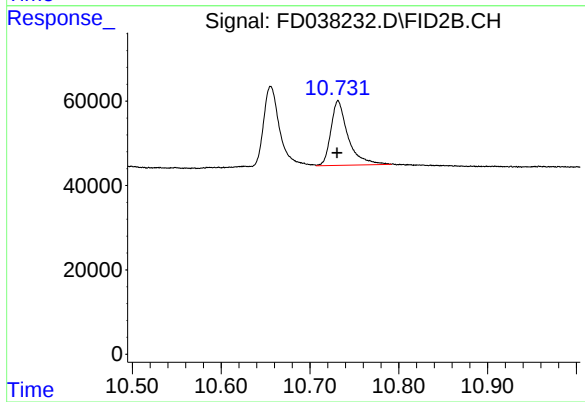
#8 Flouorene (C16.55)

R.T.: 9.261 min
Delta R.T.: 0.000 min
Response: 274403
Conc: 1.87 ug/ml



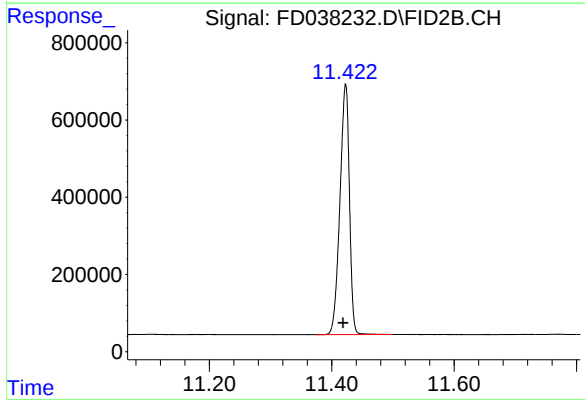
#9 Phenanthrene (C19.36)

R.T.: 10.656 min
Delta R.T.: 0.001 min
Response: 244021
Conc: 1.69 ug/ml



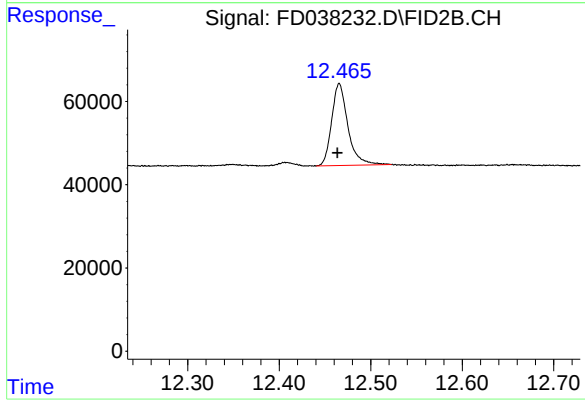
#10 Anthracene (C19.43)

R.T.: 10.732 min
Delta R.T.: 0.001 min
Response: 205840
Conc: 1.45 ug/ml



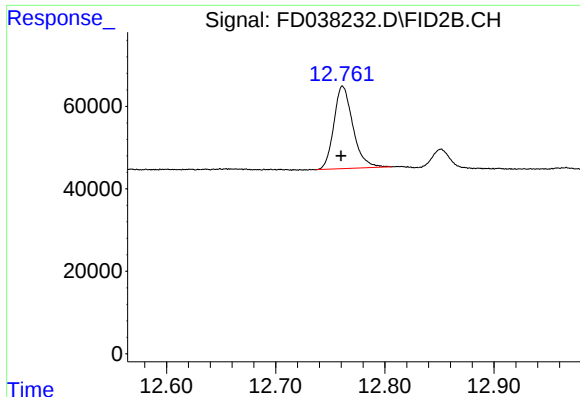
#11 ortho-Terphenyl (SURR)

R.T.: 11.423 min
Delta R.T.: 0.004 min
Response: 6979554
Conc: 46.05 ug/ml



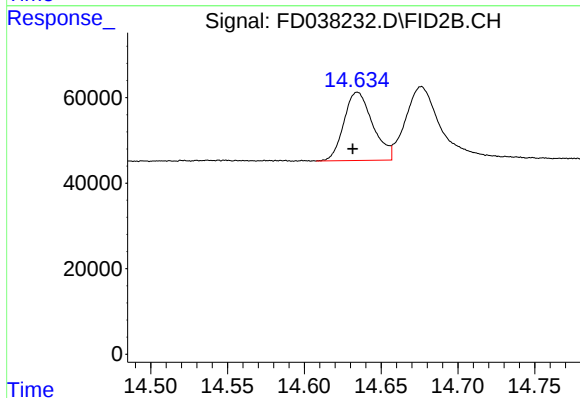
#12 Fluoranthene (C21.85)

R.T.: 12.466 min
Delta R.T.: 0.002 min
Response: 243513
Conc: 1.68 ug/ml



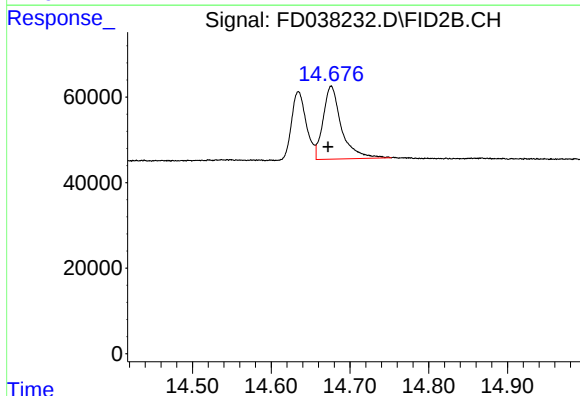
#13 Pyrene (C20.8)

R.T.: 12.761 min
Delta R.T.: 0.001 min
Response: 242171
Conc: 1.70 ug/ml



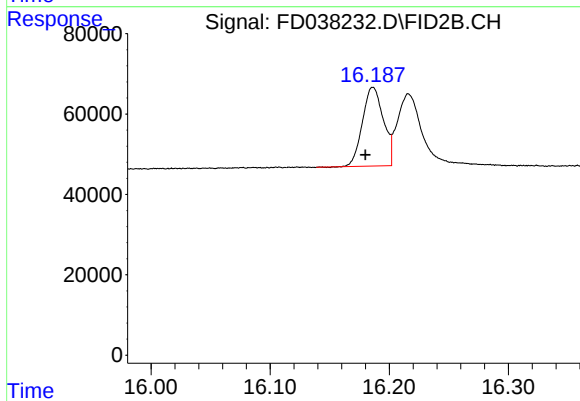
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.635 min
Delta R.T.: 0.003 min
Response: 208121
Conc: 1.63 ug/ml



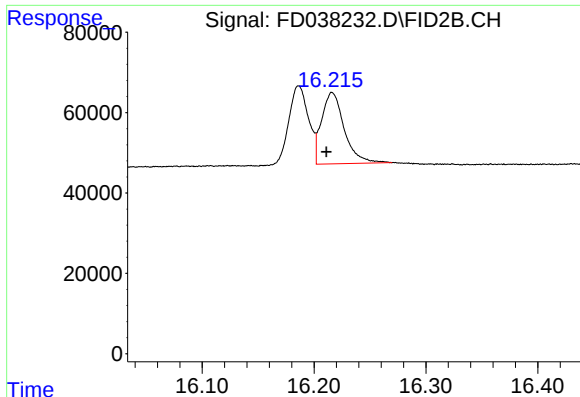
#15 Chrysene (C27.41)

R.T.: 14.676 min
Delta R.T.: 0.004 min
Response: 276918
Conc: 1.96 ug/ml



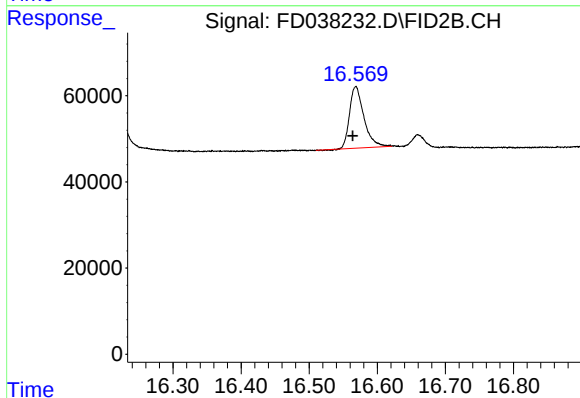
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.186 min
Delta R.T.: 0.006 min
Response: 239915
Conc: 1.92 ug/ml



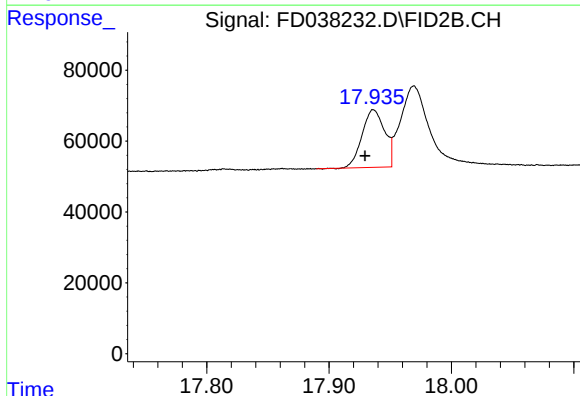
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.216 min
Delta R.T.: 0.005 min
Response: 250242
Conc: 1.91 ug/ml



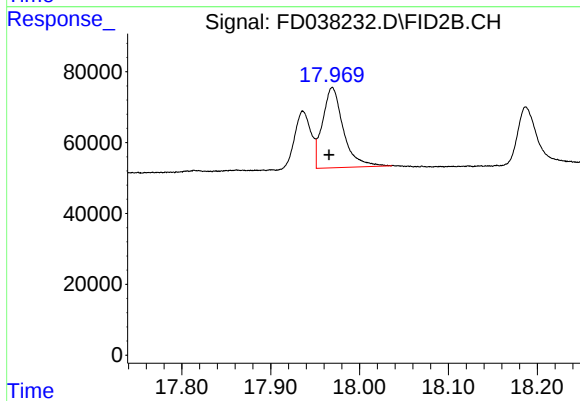
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.569 min
Delta R.T.: 0.005 min
Response: 209193
Conc: 1.78 ug/ml



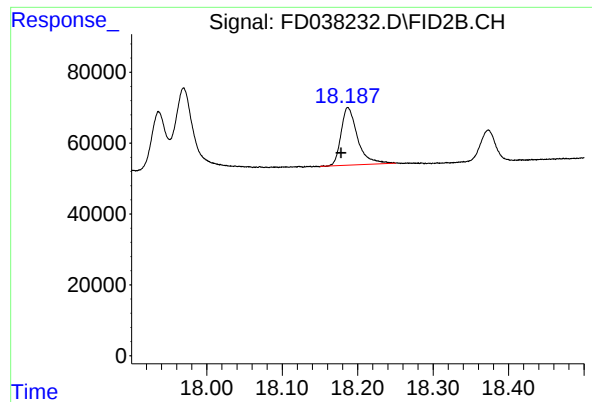
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.936 min
Delta R.T.: 0.007 min
Response: 208616
Conc: 2.02 ug/ml



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

R.T.: 17.969 min
Delta R.T.: 0.004 min
Response: 369509
Conc: 3.13 ug/ml



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

R.T.: 18.187 min
Delta R.T.: 0.009 min
Response: 247189
Conc: 2.26 ug/ml