

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071521AR\
 Data File : FD038228.D
 Signal(s) : FID2B.CH
 Acq On : 15 Jul 2021 23:32
 Operator : AJ\MA
 Sample : M2940-03
 Misc : AR MDL 2.5 PPM
 ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 16 04:52:36 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...	7.525	5844931	44.848 ug/ml
Spiked Amount 50.000		Recovery =	89.70%
6) S 2-Fluorobiphenyl (SURR)	8.387	3731251	42.165 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.33%
11) S ortho-Terphenyl (SURR)	11.425	6708278	44.264 ug/ml
Spiked Amount 50.000		Recovery =	88.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.327	292014	2.062 ug/ml
2) T Naphthalene (C11.7)	5.863	298713	2.020 ug/ml
3) T 2-Methylnaphthalene (...)	6.913	286731	1.954 ug/ml
5) T Acenaphthylene (C15.06)	8.187	286342	1.920 ug/ml
7) T Acenaphthene (C15.5)	8.480	312087	2.016 ug/ml
8) T Fluorene (C16.55)	9.263	264895	1.807 ug/ml
9) T Phenanthrene (C19.36)	10.657	228502	1.581 ug/ml
10) T Anthracene (C19.43)	10.734	198931	1.406 ug/ml
12) T Fluoranthene (C21.85)	12.469	241941	1.670 ug/ml
13) T Pyrene (C20.8)	12.765	229184	1.608 ug/ml
14) T Benzo[a]anthracene (C...	14.638	202233	1.584 ug/ml
15) T Chrysene (C27.41)	14.679	266802	1.885 ug/ml
16) T benzo[b]fluoranthene ...	16.190	228969	1.836 ug/ml
17) T Bnezo[k]fluoranthene ...	16.221	240504	1.833 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.572	204273	1.741 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.941	209013	2.019 ug/ml
20) T Dibenz[a,h]anthracene...	17.975	307605	2.610 ug/ml
21) T Benzo[g,h,i]perylene ...	18.192	241700	2.214 ug/ml

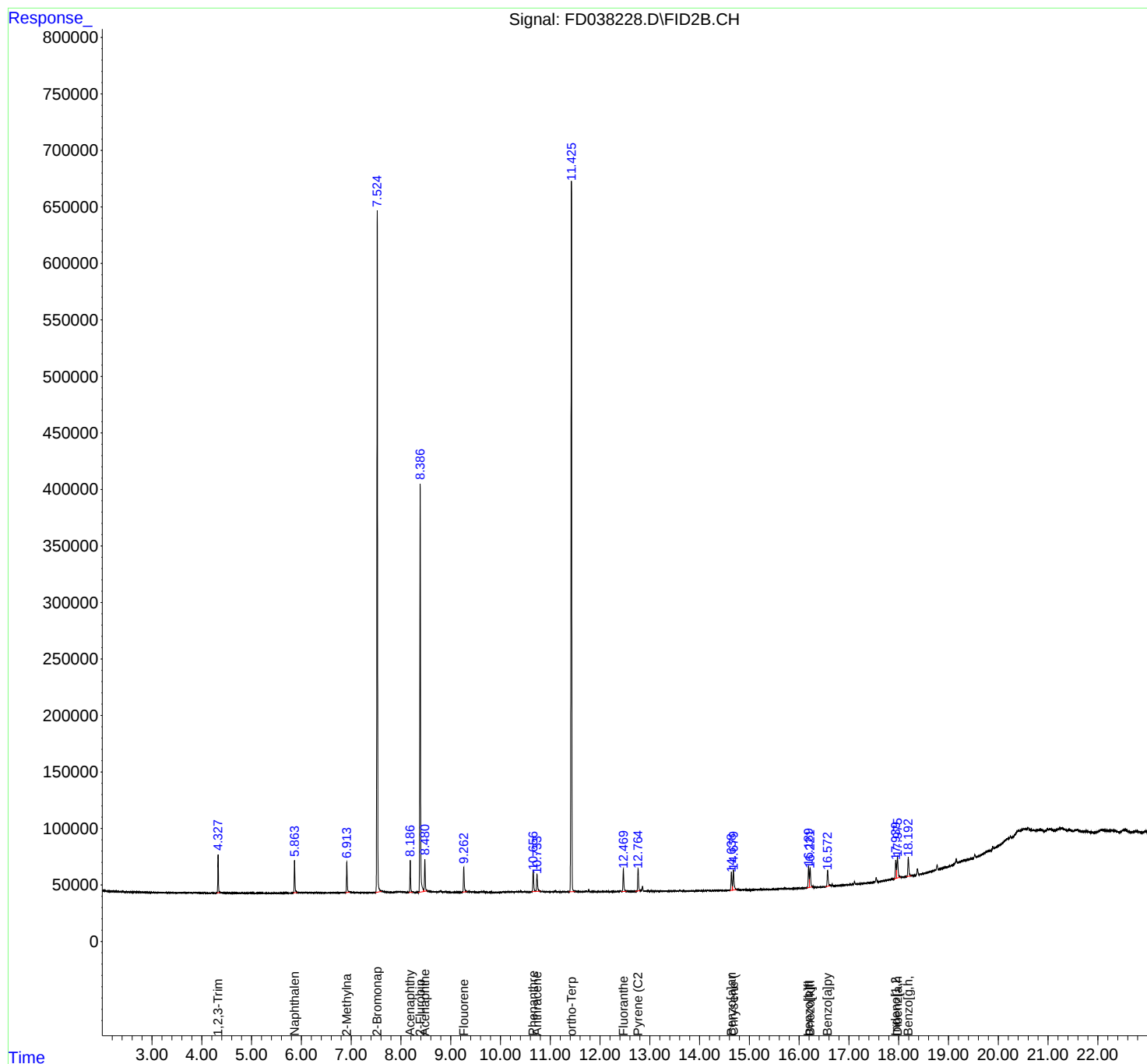
(f)=RT Delta > 1/2 Window

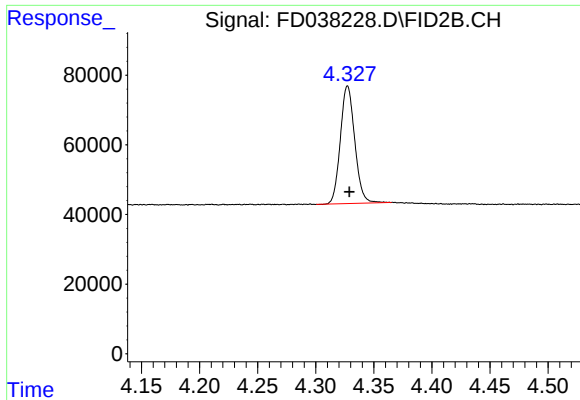
(m)=manual int.

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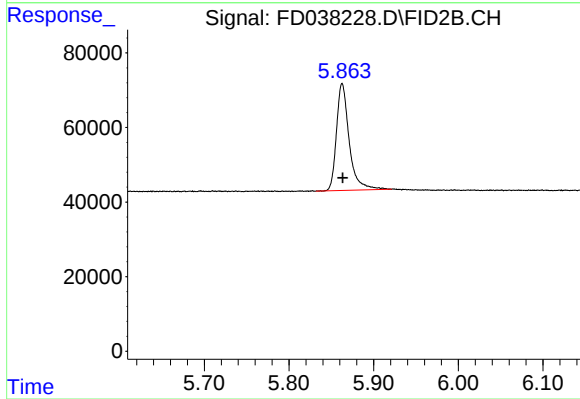
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Signal Info : 20M x 0.18mm x 0.18µm





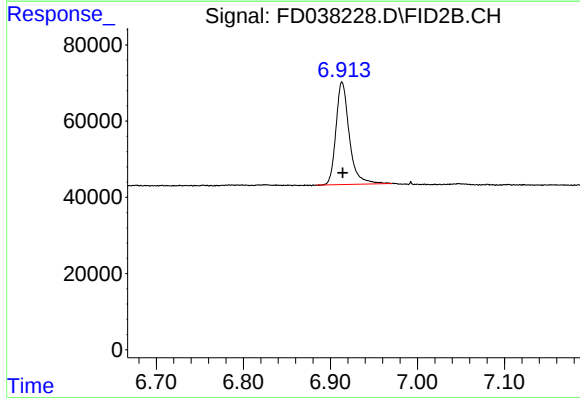
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.327 min
Delta R.T.: -0.002 min
Response: 292014
Conc: 2.06 ug/ml



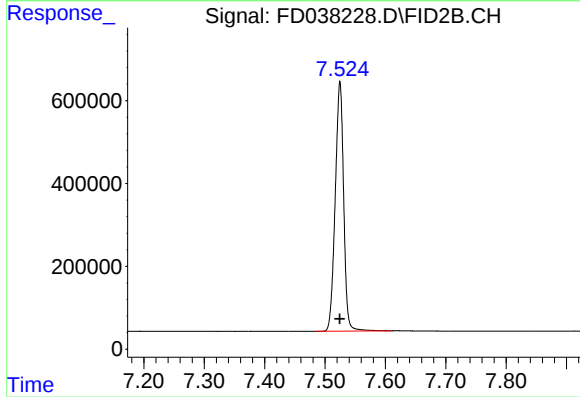
#2 Naphthalene (C11.7)

R.T.: 5.863 min
Delta R.T.: 0.000 min
Response: 298713
Conc: 2.02 ug/ml



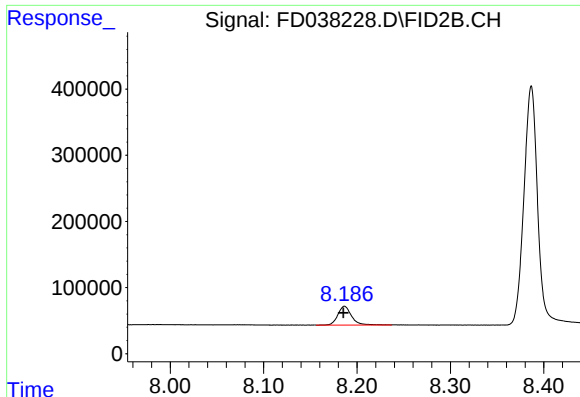
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.913 min
Delta R.T.: 0.000 min
Response: 286731
Conc: 1.95 ug/ml



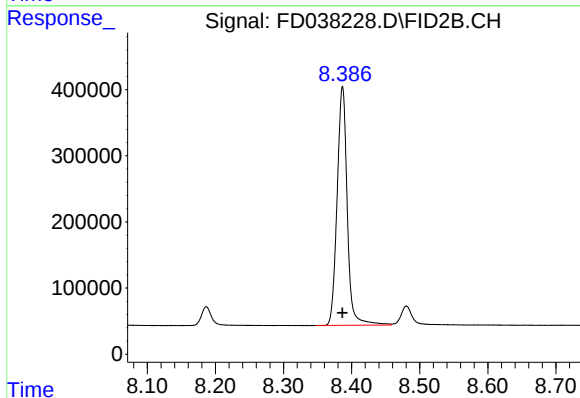
#4 2-Bromonaphthalene (SURR)

R.T.: 7.525 min
Delta R.T.: 0.000 min
Response: 5844931
Conc: 44.85 ug/ml



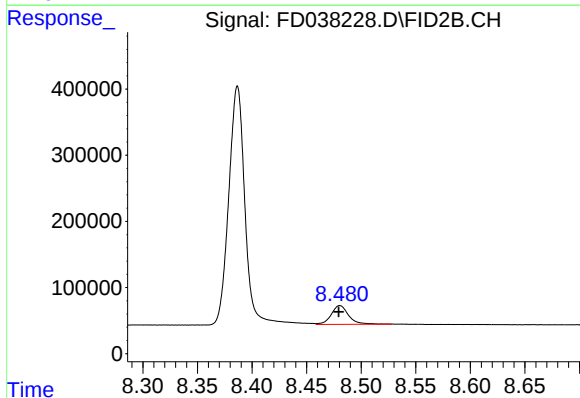
#5 Acenaphthylene (C15.06)

R.T.: 8.187 min
Delta R.T.: 0.001 min
Response: 286342
Conc: 1.92 ug/ml



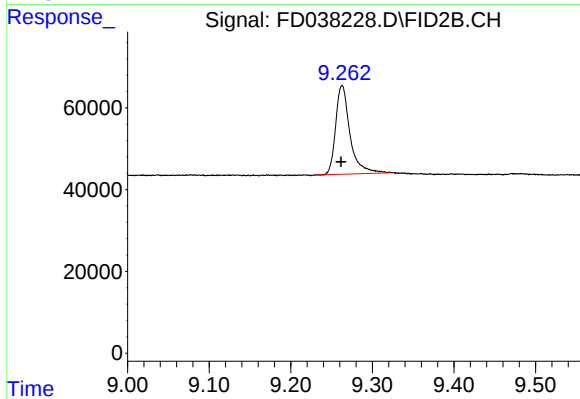
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.387 min
Delta R.T.: 0.000 min
Response: 3731251
Conc: 42.16 ug/ml



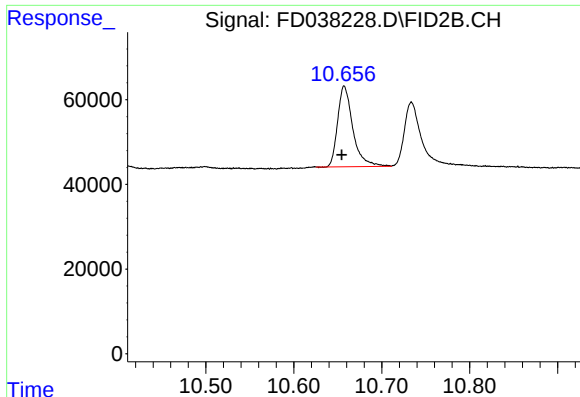
#7 Acenaphthene (C15.5)

R.T.: 8.480 min
Delta R.T.: 0.000 min
Response: 312087
Conc: 2.02 ug/ml



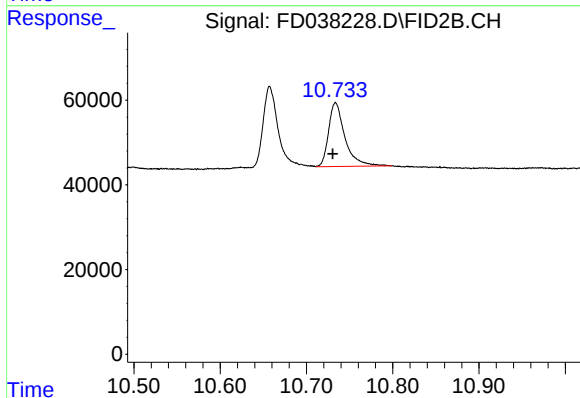
#8 Flouorene (C16.55)

R.T.: 9.263 min
Delta R.T.: 0.001 min
Response: 264895
Conc: 1.81 ug/ml



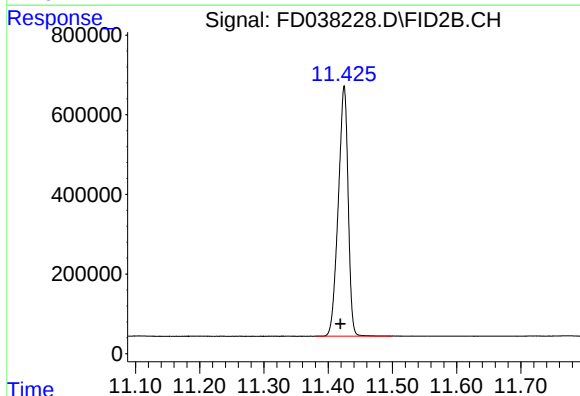
#9 Phenanthrene (C19.36)

R.T.: 10.657 min
Delta R.T.: 0.003 min
Response: 228502
Conc: 1.58 ug/ml



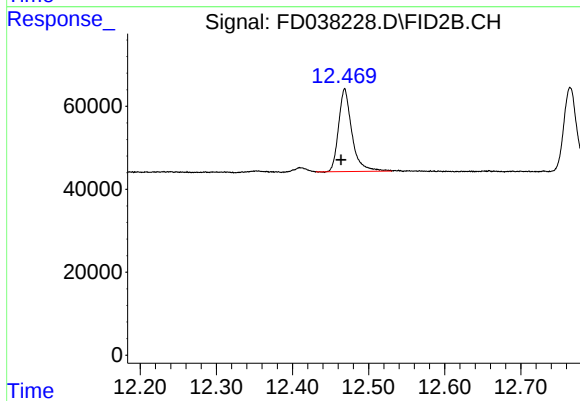
#10 Anthracene (C19.43)

R.T.: 10.734 min
Delta R.T.: 0.003 min
Response: 198931
Conc: 1.41 ug/ml



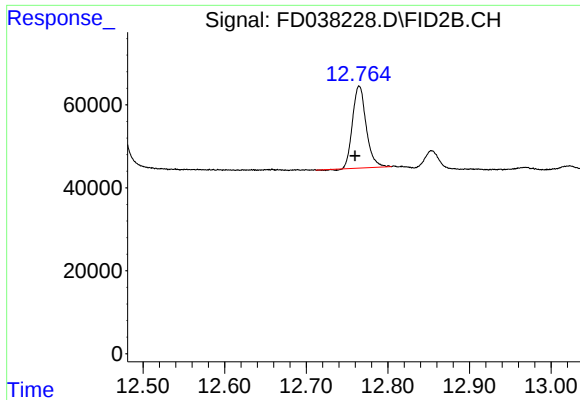
#11 ortho-Terphenyl (SURR)

R.T.: 11.425 min
Delta R.T.: 0.006 min
Response: 6708278
Conc: 44.26 ug/ml



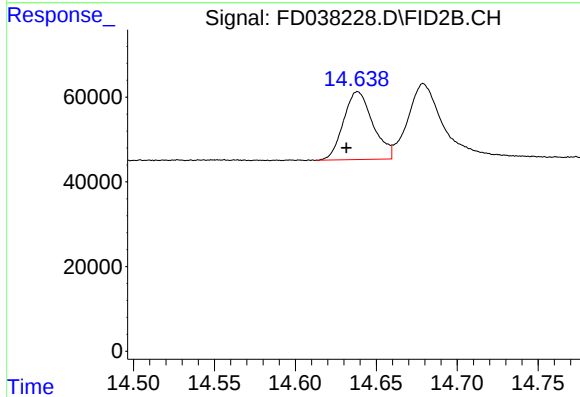
#12 Fluoranthene (C21.85)

R.T.: 12.469 min
Delta R.T.: 0.005 min
Response: 241941
Conc: 1.67 ug/ml



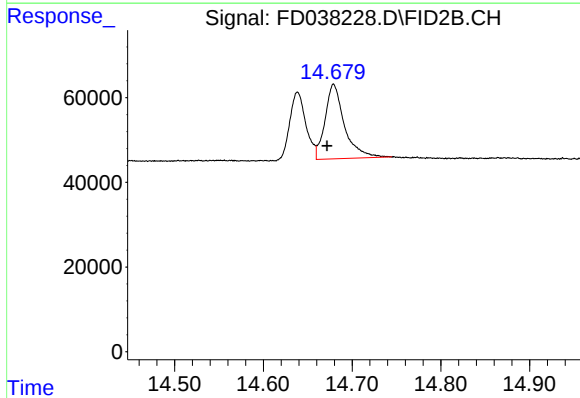
#13 Pyrene (C20.8)

R.T.: 12.765 min
Delta R.T.: 0.005 min
Response: 229184
Conc: 1.61 ug/ml



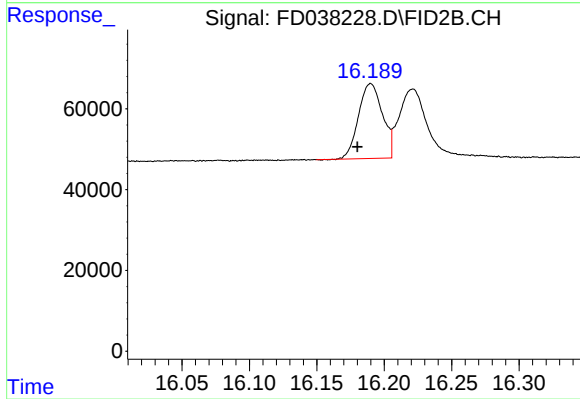
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.638 min
Delta R.T.: 0.007 min
Response: 202233
Conc: 1.58 ug/ml



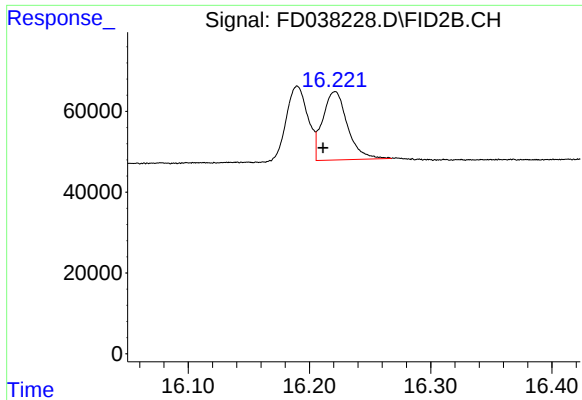
#15 Chrysene (C27.41)

R.T.: 14.679 min
Delta R.T.: 0.007 min
Response: 266802
Conc: 1.88 ug/ml



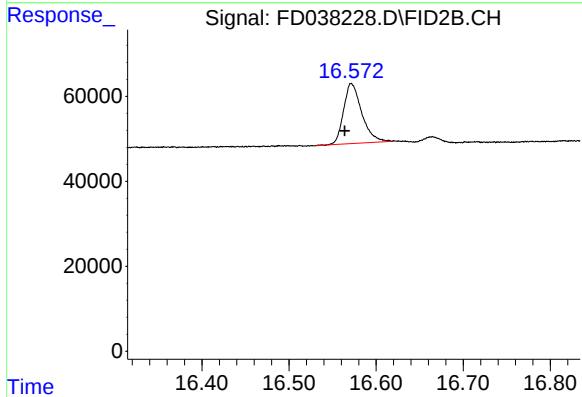
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.190 min
Delta R.T.: 0.010 min
Response: 228969
Conc: 1.84 ug/ml



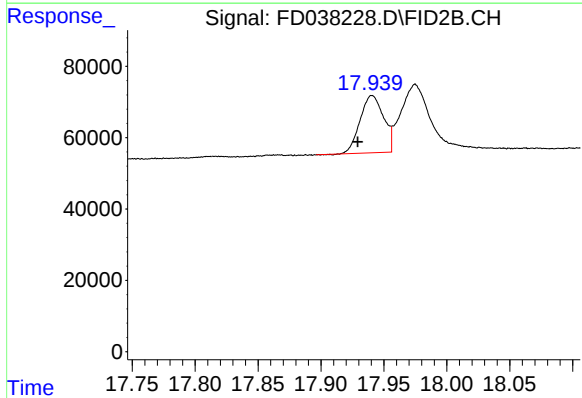
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.221 min
Delta R.T.: 0.010 min
Response: 240504
Conc: 1.83 ug/ml



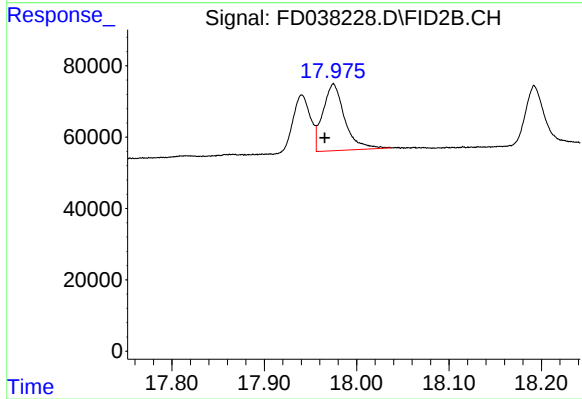
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.572 min
Delta R.T.: 0.008 min
Response: 204273
Conc: 1.74 ug/ml



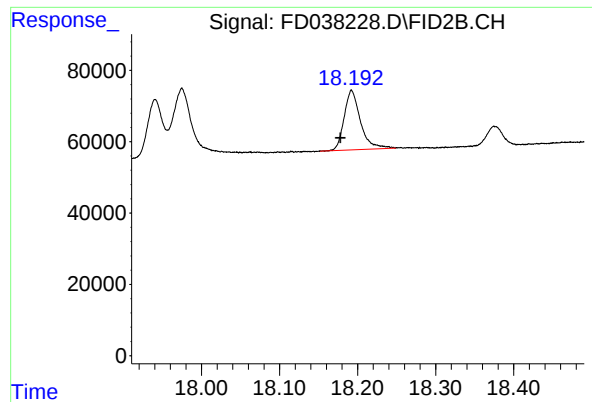
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.941 min
Delta R.T.: 0.011 min
Response: 209013
Conc: 2.02 ug/ml



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

R.T.: 17.975 min
Delta R.T.: 0.009 min
Response: 307605
Conc: 2.61 ug/ml



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

R.T.: 18.192 min
Delta R.T.: 0.014 min
Response: 241700
Conc: 2.21 ug/ml