

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010422AR\
 Data File : FD040398.D
 Signal(s) : FID2B.CH
 Acq On : 04 Jan 2022 22:31
 Operator : AJ\MA
 Sample : M4068-01
 Misc : LOD SOIL 2.5PPM
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 05 01:19:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 01:13:45 2022
 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...	6.751	5329135	37.261 ug/ml
Spiked Amount 50.000		Recovery =	74.52%
6) S 2-Fluorobiphenyl (SURR)	7.599	3518062	36.946 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	73.89%
11) S ortho-Terphenyl (SURR)	10.638	6899329	44.147 ug/ml
Spiked Amount 50.000		Recovery =	88.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.606	347961	2.250 ug/ml
2) T Naphthalene (C11.7)	5.101	339645	2.122 ug/ml
3) T 2-Methylnaphthalene (...)	6.141	342699	2.111 ug/ml
5) T Acenaphthylene (C15.06)	7.403	340514	2.265 ug/ml
7) T Acenaphthene (C15.5)	7.696	403655	2.504 ug/ml
8) T Fluorene (C16.55)	8.475	308794	1.987 ug/ml
9) T Phenanthrene (C19.36)	9.860	302183	1.964 ug/ml
10) T Anthracene (C19.43)	9.936	282049	1.931 ug/ml
12) T Fluoranthene (C21.85)	11.661	316307	2.037 ug/ml
13) T Pyrene (C20.8)	11.955	324874	2.152 ug/ml
14) T Benzo[a]anthracene (C...	13.823	225437	1.699 ug/ml
15) T Chrysene (C27.41)	13.862	319777	2.187 ug/ml
16) T benzo[b]fluoranthene ...	15.363	259904	1.902 ug/ml
17) T Bnezo[k]fluoranthene ...	15.394	291173	2.104 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.744	250363	1.921 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.100	196061	1.609 ug/ml
20) T Dibenz[a,h]anthracene...	17.150	185435	1.524 ug/ml
21) T Benzo[g,h,i]perylene ...	17.347	236327	1.841 ug/ml

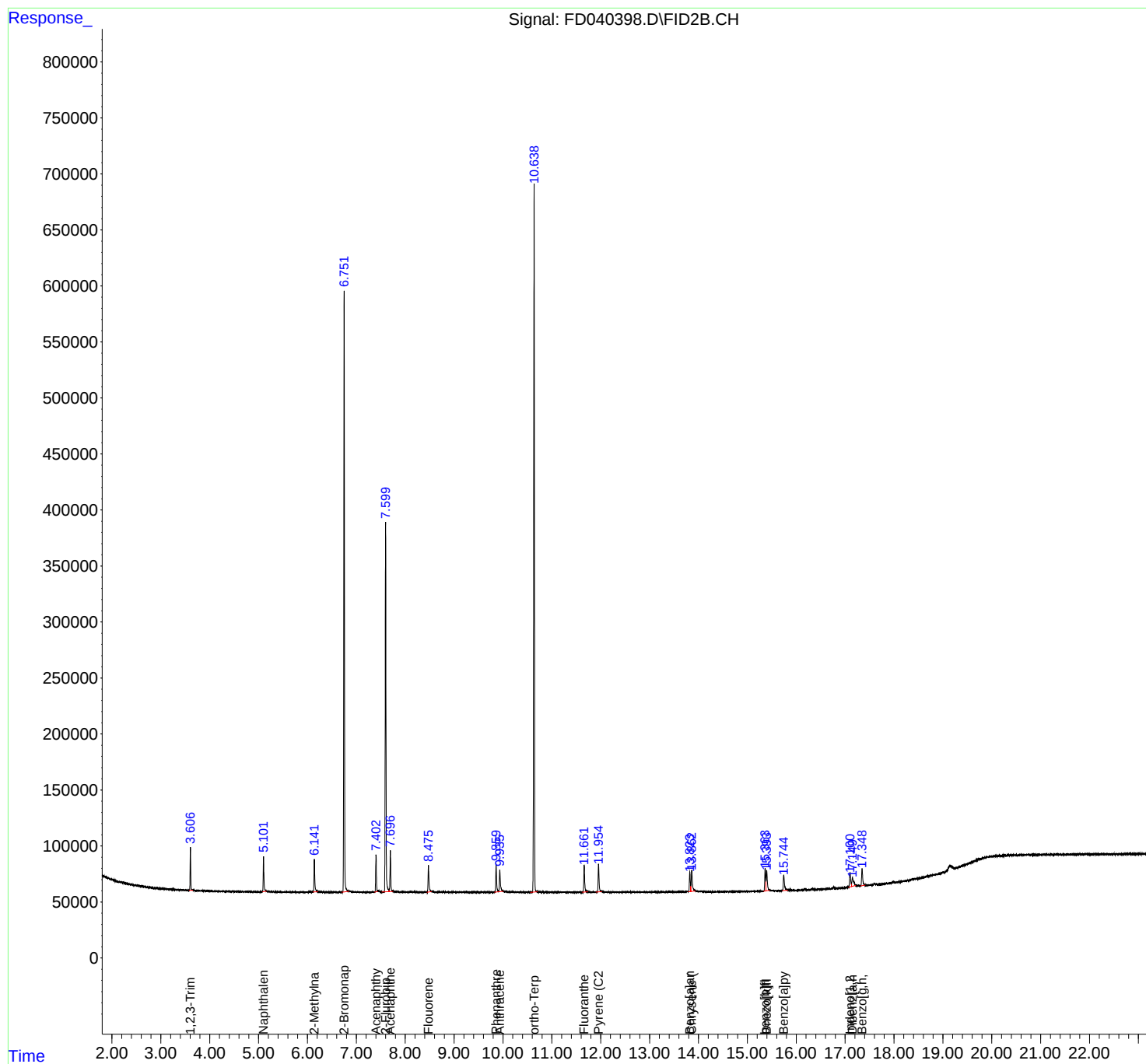
(f)=RT Delta > 1/2 Window

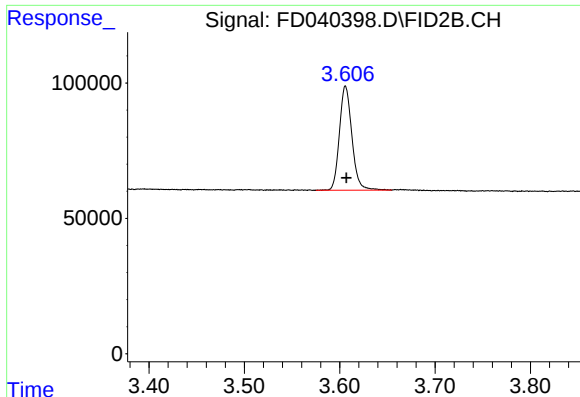
(m)=manual int.

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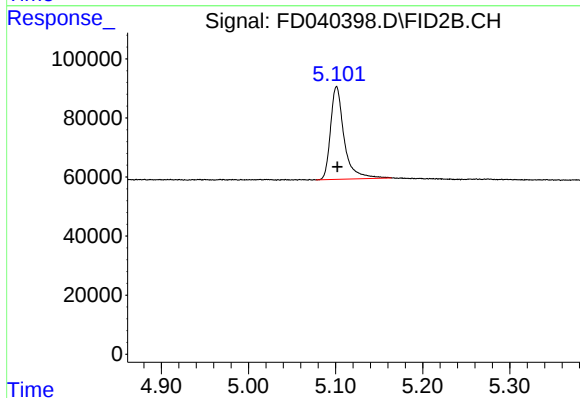
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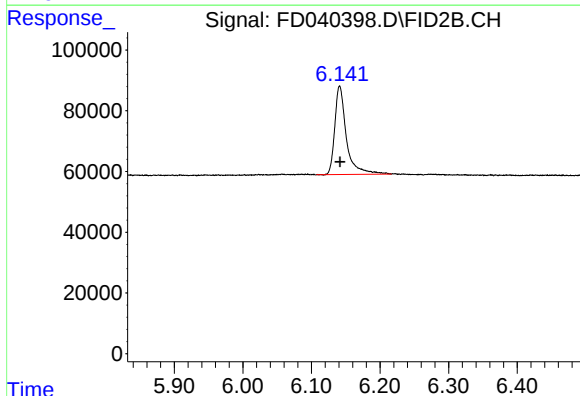
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 347961
Conc: 2.25 ug/ml



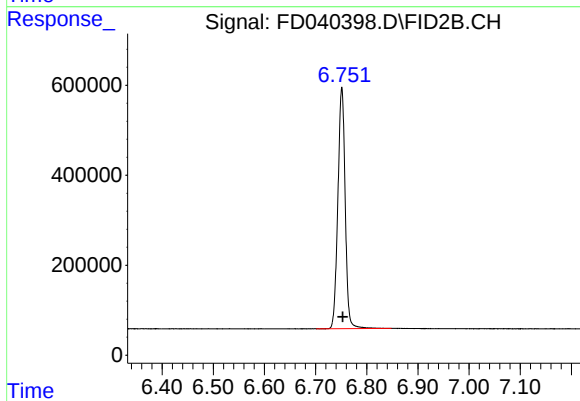
#2 Naphthalene (C11.7)

R.T.: 5.101 min
Delta R.T.: 0.000 min
Response: 339645
Conc: 2.12 ug/ml



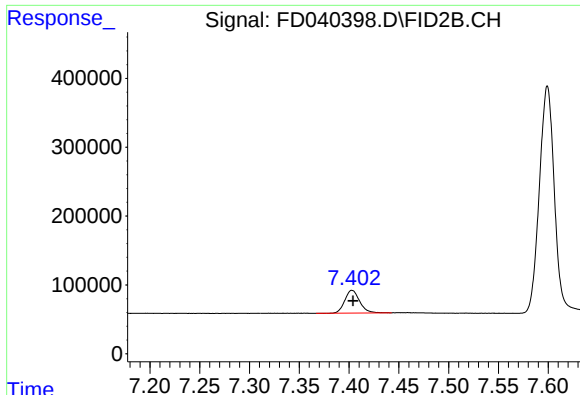
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 342699
Conc: 2.11 ug/ml



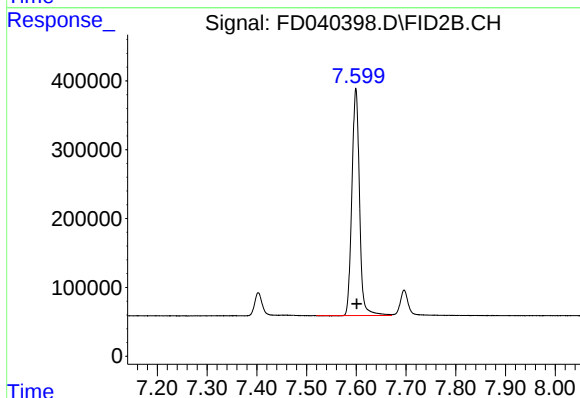
#4 2-Bromonaphthalene (SURR)

R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 5329135
Conc: 37.26 ug/ml



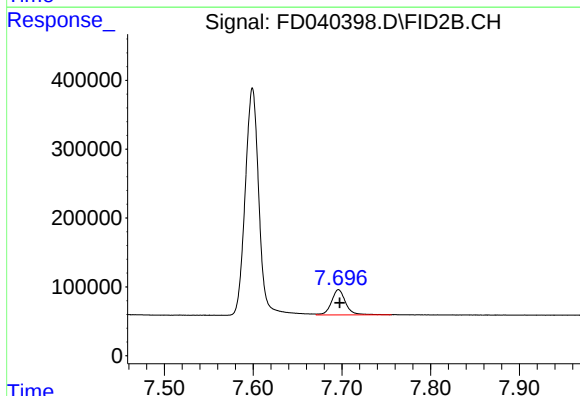
#5 Acenaphthylene (C15.06)

R.T.: 7.403 min
Delta R.T.: -0.001 min
Response: 340514
Conc: 2.27 ug/ml



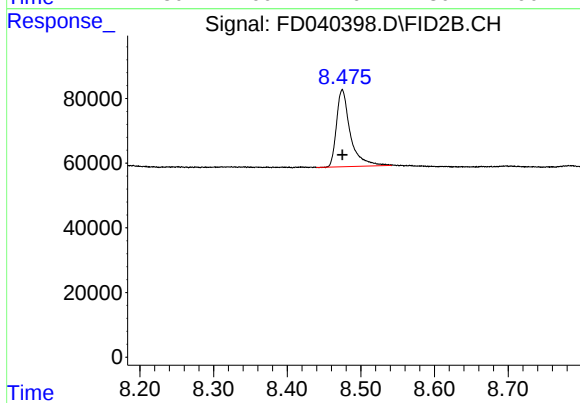
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.599 min
Delta R.T.: -0.001 min
Response: 3518062
Conc: 36.95 ug/ml



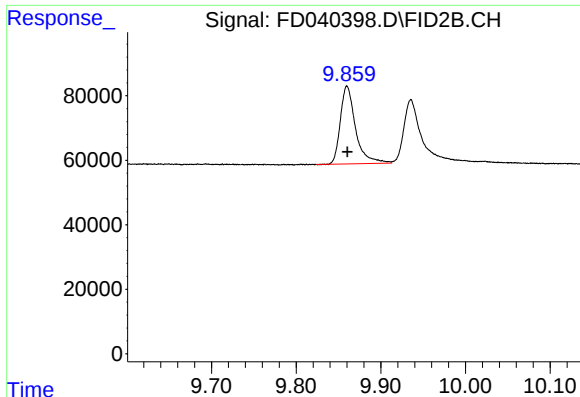
#7 Acenaphthene (C15.5)

R.T.: 7.696 min
Delta R.T.: -0.001 min
Response: 403655
Conc: 2.50 ug/ml



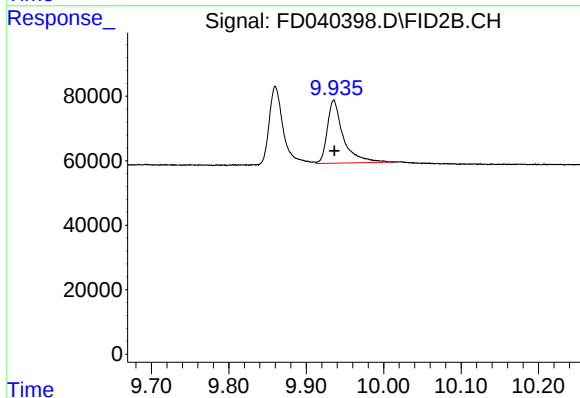
#8 Flouorene (C16.55)

R.T.: 8.475 min
Delta R.T.: 0.000 min
Response: 308794
Conc: 1.99 ug/ml



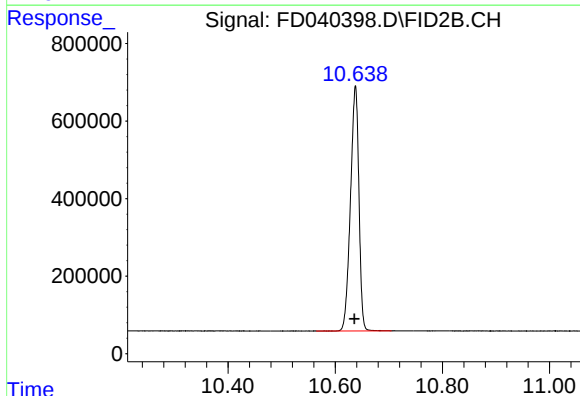
#9 Phenanthrene (C19.36)

R.T.: 9.860 min
Delta R.T.: 0.000 min
Response: 302183
Conc: 1.96 ug/ml



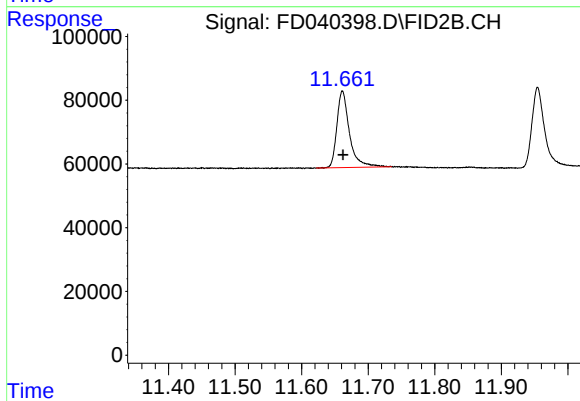
#10 Anthracene (C19.43)

R.T.: 9.936 min
Delta R.T.: 0.000 min
Response: 282049
Conc: 1.93 ug/ml



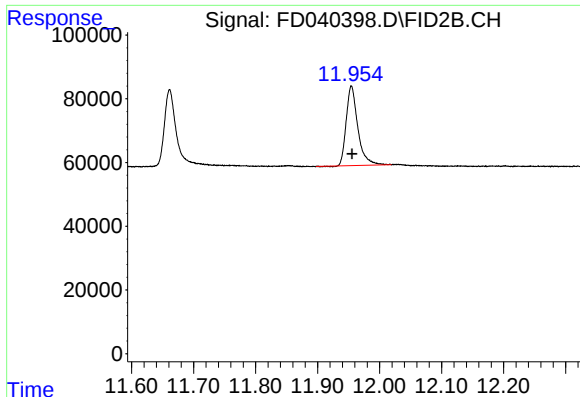
#11 ortho-Terphenyl (SURR)

R.T.: 10.638 min
Delta R.T.: 0.002 min
Response: 6899329
Conc: 44.15 ug/ml



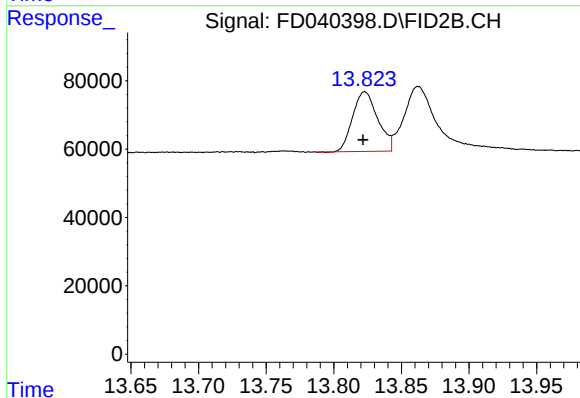
#12 Fluoranthene (C21.85)

R.T.: 11.661 min
Delta R.T.: -0.001 min
Response: 316307
Conc: 2.04 ug/ml



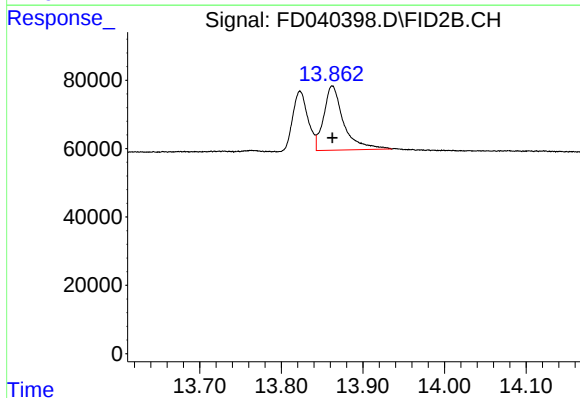
#13 Pyrene (C20.8)

R.T.: 11.955 min
Delta R.T.: 0.000 min
Response: 324874
Conc: 2.15 ug/ml



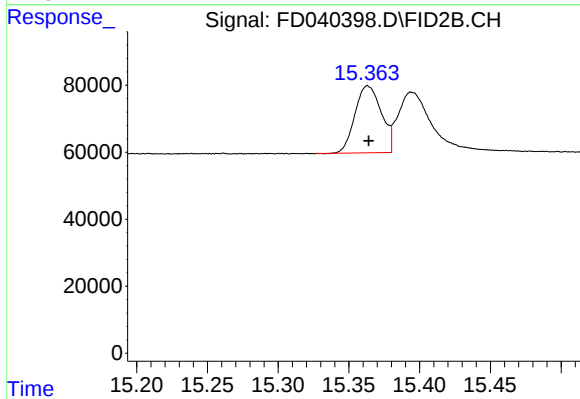
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.823 min
Delta R.T.: 0.001 min
Response: 225437
Conc: 1.70 ug/ml



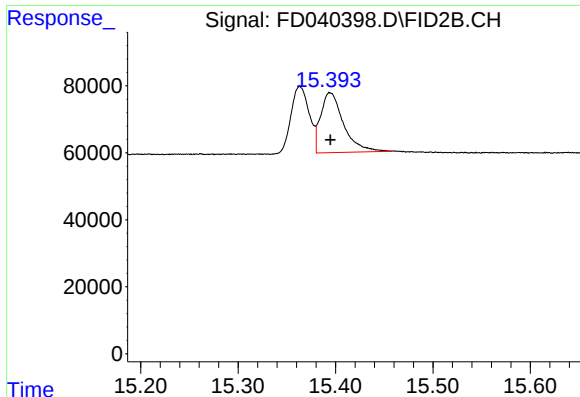
#15 Chrysene (C27.41)

R.T.: 13.862 min
Delta R.T.: 0.000 min
Response: 319777
Conc: 2.19 ug/ml



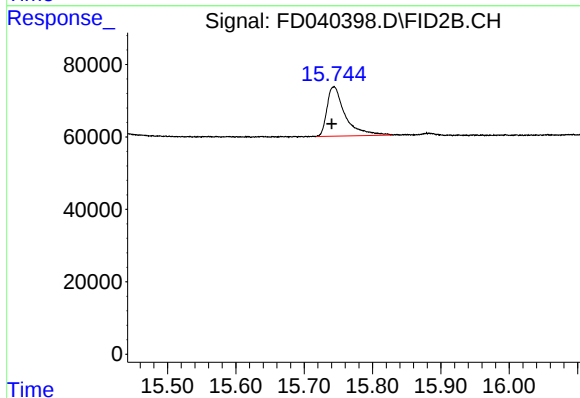
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.363 min
Delta R.T.: 0.000 min
Response: 259904
Conc: 1.90 ug/ml



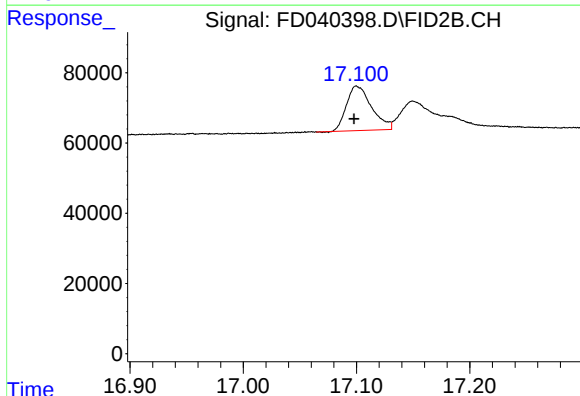
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.394 min
Delta R.T.: 0.000 min
Response: 291173
Conc: 2.10 ug/ml



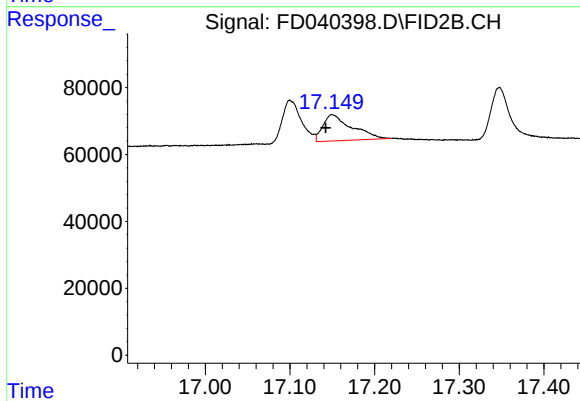
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.744 min
Delta R.T.: 0.003 min
Response: 250363
Conc: 1.92 ug/ml m



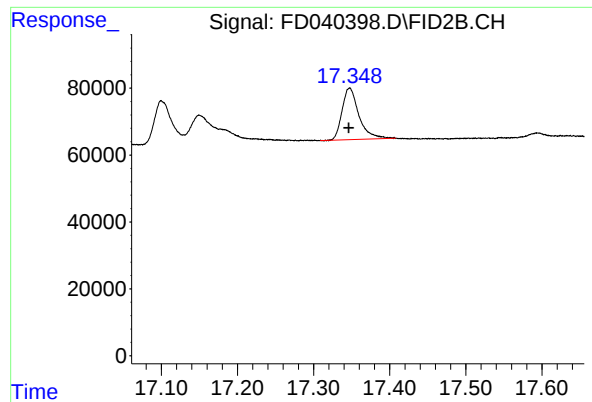
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.100 min
Delta R.T.: 0.002 min
Response: 196061
Conc: 1.61 ug/ml



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

R.T.: 17.150 min
Delta R.T.: 0.007 min
Response: 185435
Conc: 1.52 ug/ml



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

R.T.: 17.347 min
Delta R.T.: 0.001 min
Response: 236327
Conc: 1.84 ug/ml