

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010522AR\
 Data File : FD040437.D
 Signal(s) : FID2B.CH
 Acq On : 05 Jan 2022 21:25
 Operator : AJ\MA
 Sample : M4068-03
 Misc : 2.5 PPM MDL SOIL
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 06 00:33:19 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...	6.746	5895903	41.224 ug/ml
Spiked Amount 50.000		Recovery =	82.45%
6) S 2-Fluorobiphenyl (SURR)	7.593	3901871	40.976 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	81.95%
11) S ortho-Terphenyl (SURR)	10.632	7409157	47.410 ug/ml
Spiked Amount 50.000		Recovery =	94.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.602	391509	2.531 ug/ml
2) T Naphthalene (C11.7)	5.095	399510	2.496 ug/ml
3) T 2-Methylnaphthalene (...)	6.134	394821	2.432 ug/ml
5) T Acenaphthylene (C15.06)	7.396	402539	2.678 ug/ml
7) T Acenaphthene (C15.5)	7.690	461028	2.860 ug/ml
8) T Fluorene (C16.55)	8.466	362105	2.330 ug/ml
9) T Phenanthrene (C19.36)	9.852	347811	2.261 ug/ml
10) T Anthracene (C19.43)	9.927	344887	2.361 ug/ml
12) T Fluoranthene (C21.85)	11.654	369152	2.377 ug/ml
13) T Pyrene (C20.8)	11.947	364173	2.413 ug/ml
14) T Benzo[a]anthracene (C...	13.815	320199	2.414 ug/ml
15) T Chrysene (C27.41)	13.855	368828	2.522 ug/ml
16) T benzo[b]fluoranthene ...	15.356	326545	2.390 ug/ml
17) T Bnezo[k]fluoranthene ...	15.388	415266	3.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.734	326366	2.504 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.093	297601	2.442 ug/ml
20) T Dibenz[a,h]anthracene...	17.136	307375	2.527 ug/ml
21) T Benzo[g,h,i]perylene ...	17.341	321870	2.507 ug/ml

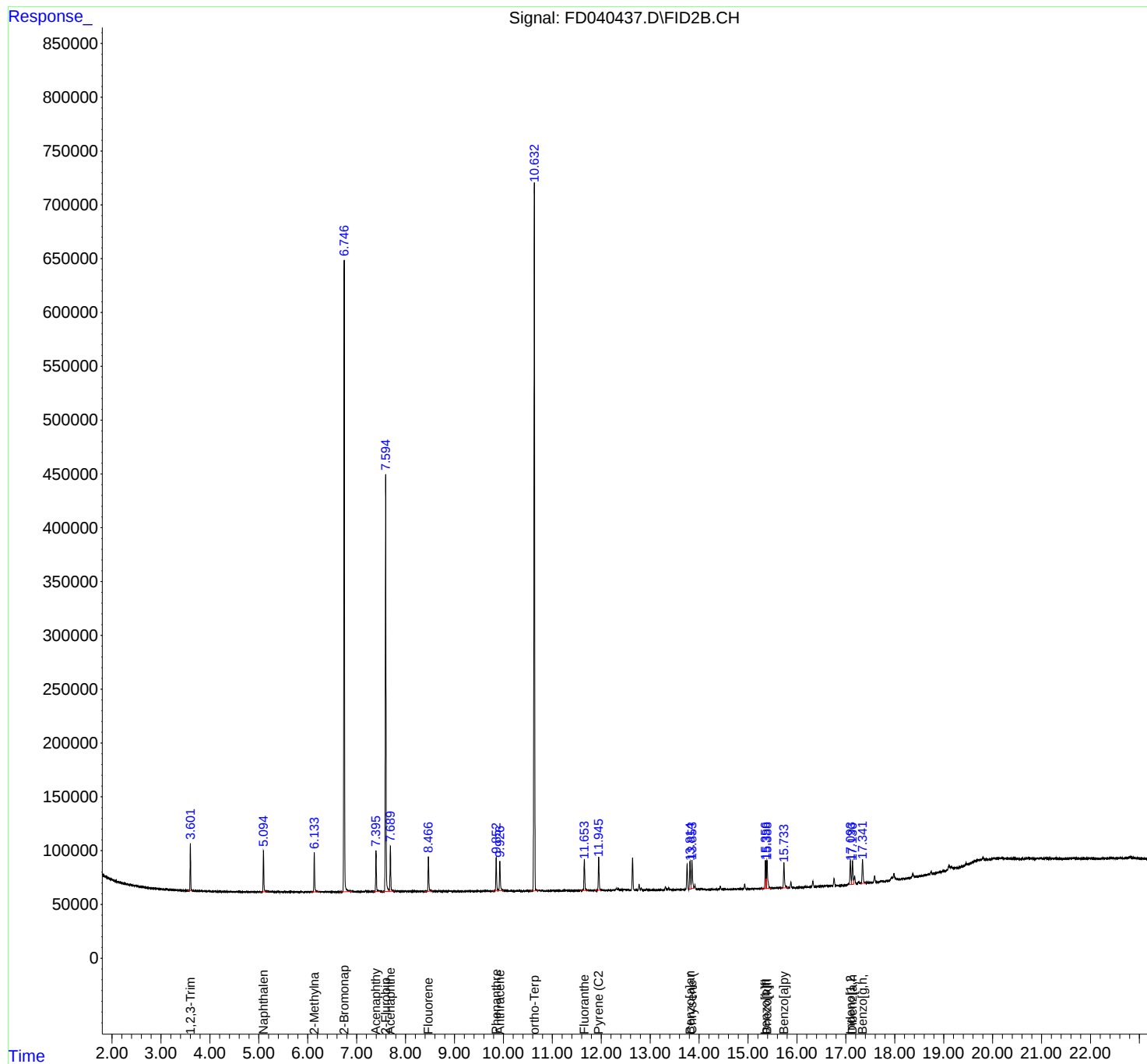
(f)=RT Delta > 1/2 Window

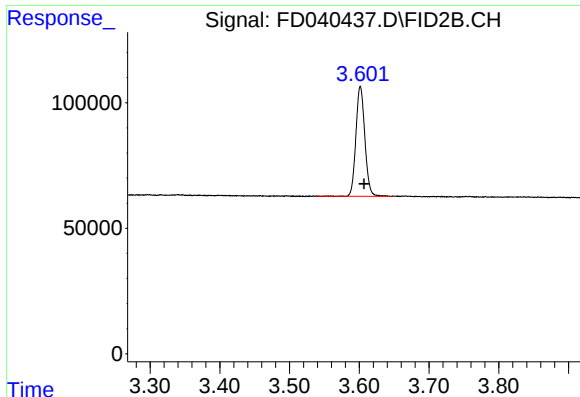
(m)=manual int.

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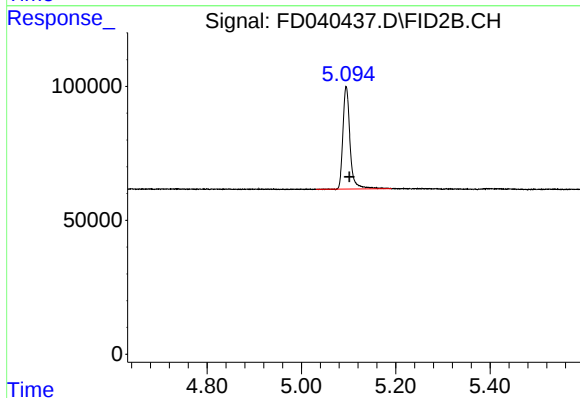
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





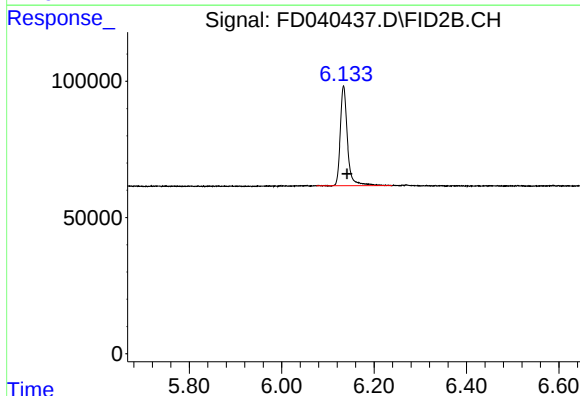
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.602 min
Delta R.T.: -0.005 min
Response: 391509
Conc: 2.53 ug/ml



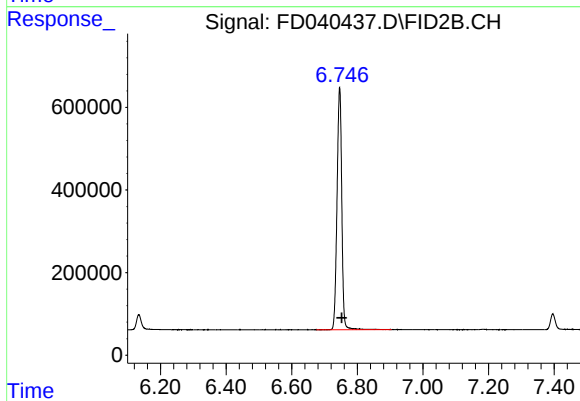
#2 Naphthalene (C11.7)

R.T.: 5.095 min
Delta R.T.: -0.007 min
Response: 399510
Conc: 2.50 ug/ml



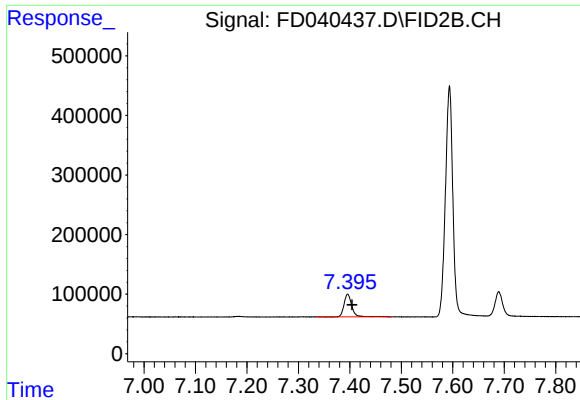
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.134 min
Delta R.T.: -0.008 min
Response: 394821
Conc: 2.43 ug/ml



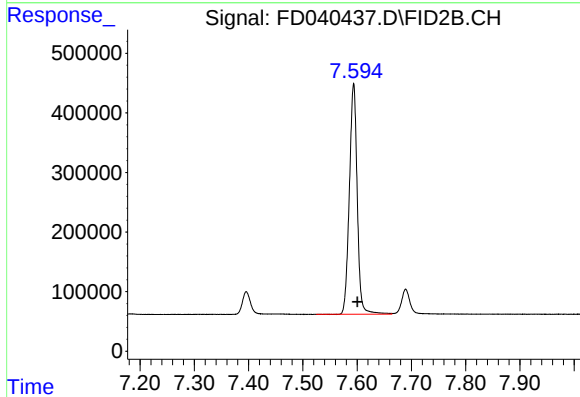
#4 2-Bromonaphthalene (SURR)

R.T.: 6.746 min
Delta R.T.: -0.007 min
Response: 5895903
Conc: 41.22 ug/ml



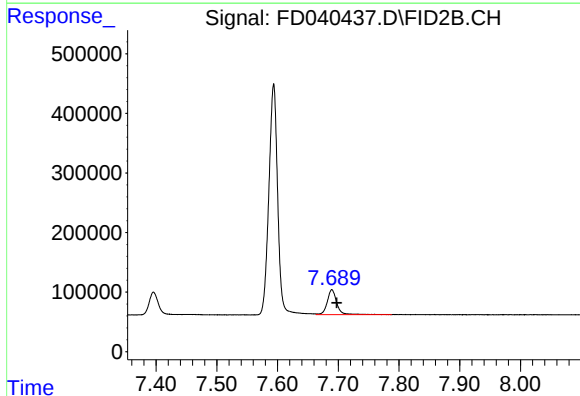
#5 Acenaphthylene (C15.06)

R.T.: 7.396 min
Delta R.T.: -0.008 min
Response: 402539
Conc: 2.68 ug/ml



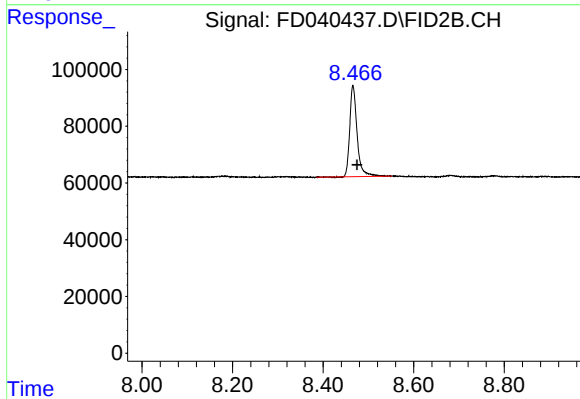
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.593 min
Delta R.T.: -0.007 min
Response: 3901871
Conc: 40.98 ug/ml



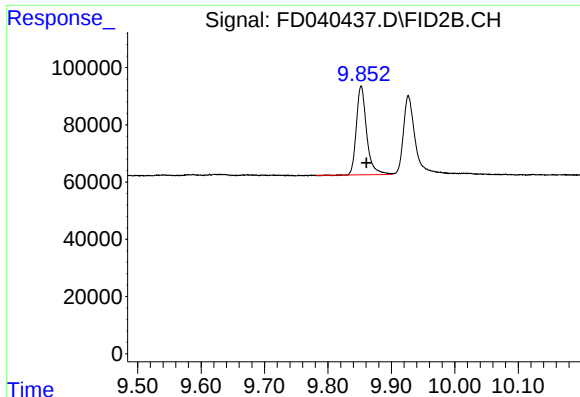
#7 Acenaphthene (C15.5)

R.T.: 7.690 min
Delta R.T.: -0.008 min
Response: 461028
Conc: 2.86 ug/ml



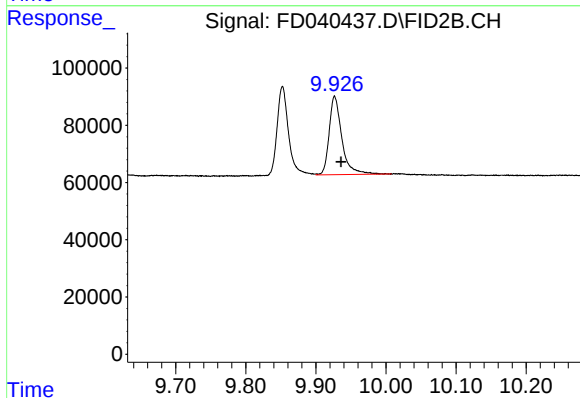
#8 Flouorene (C16.55)

R.T.: 8.466 min
Delta R.T.: -0.009 min
Response: 362105
Conc: 2.33 ug/ml



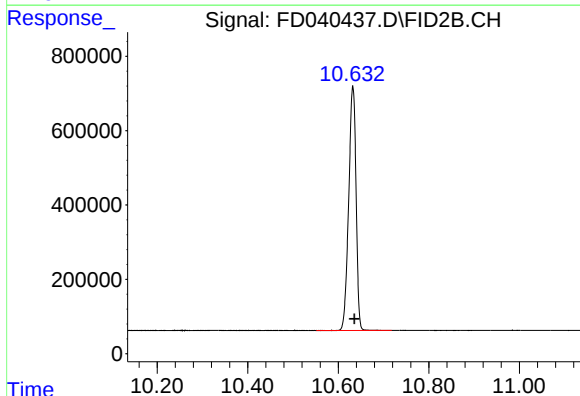
#9 Phenanthrene (C19.36)

R.T.: 9.852 min
Delta R.T.: -0.008 min
Response: 347811
Conc: 2.26 ug/ml



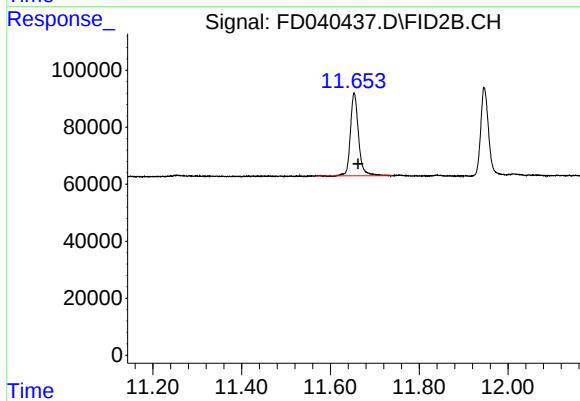
#10 Anthracene (C19.43)

R.T.: 9.927 min
Delta R.T.: -0.009 min
Response: 344887
Conc: 2.36 ug/ml



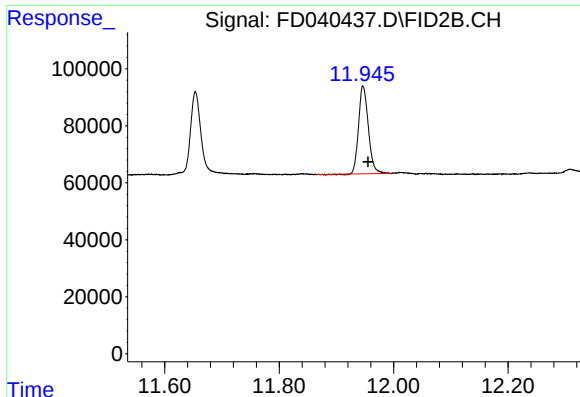
#11 ortho-Terphenyl (SURR)

R.T.: 10.632 min
Delta R.T.: -0.004 min
Response: 7409157
Conc: 47.41 ug/ml



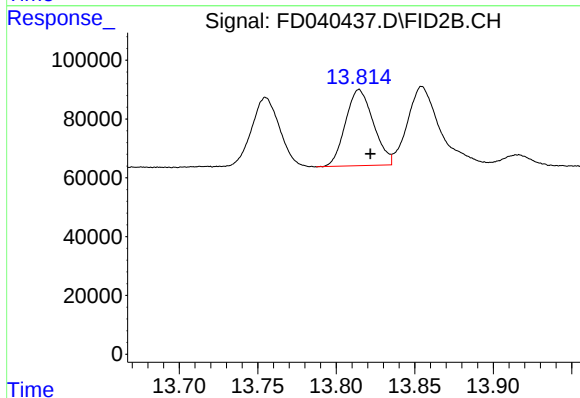
#12 Fluoranthene (C21.85)

R.T.: 11.654 min
Delta R.T.: -0.009 min
Response: 369152
Conc: 2.38 ug/ml



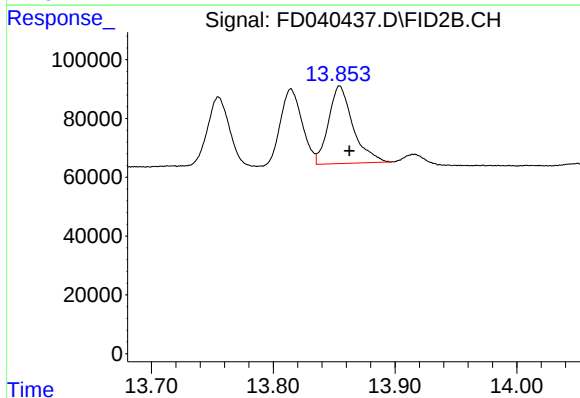
#13 Pyrene (C20.8)

R.T.: 11.947 min
Delta R.T.: -0.009 min
Response: 364173
Conc: 2.41 ug/ml



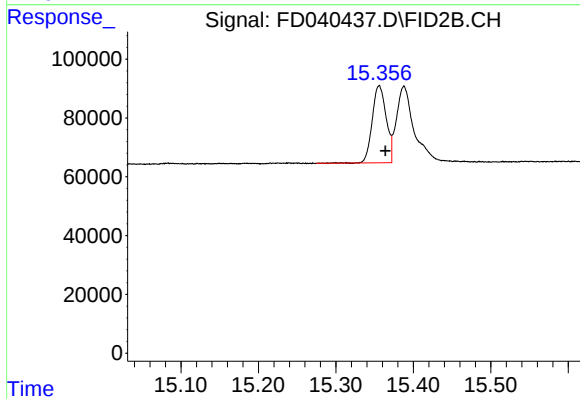
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.815 min
Delta R.T.: -0.007 min
Response: 320199
Conc: 2.41 ug/ml



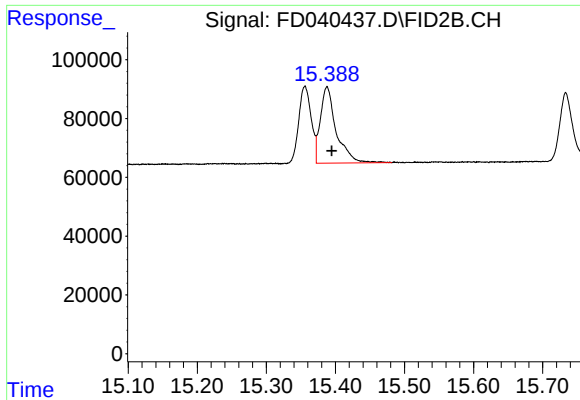
#15 Chrysene (C27.41)

R.T.: 13.855 min
Delta R.T.: -0.008 min
Response: 368828
Conc: 2.52 ug/ml



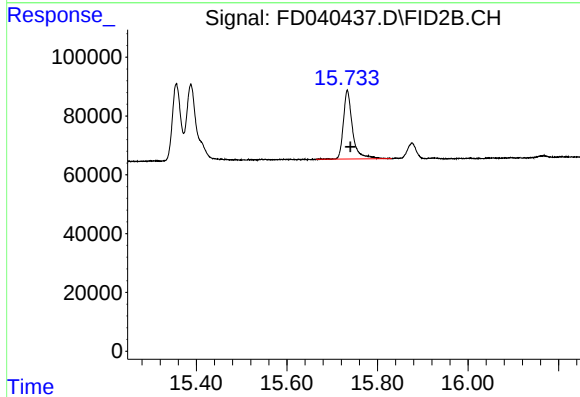
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.356 min
Delta R.T.: -0.008 min
Response: 326545
Conc: 2.39 ug/ml



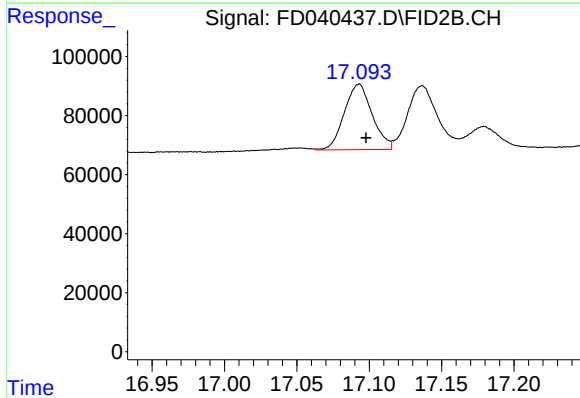
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.388 min
Delta R.T.: -0.007 min
Response: 415266
Conc: 3.00 ug/ml



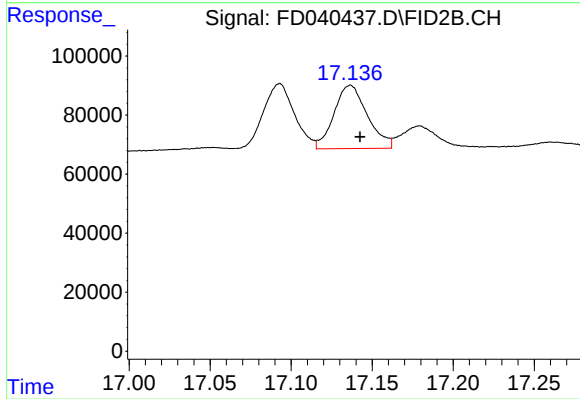
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.734 min
Delta R.T.: -0.007 min
Response: 326366
Conc: 2.50 ug/ml



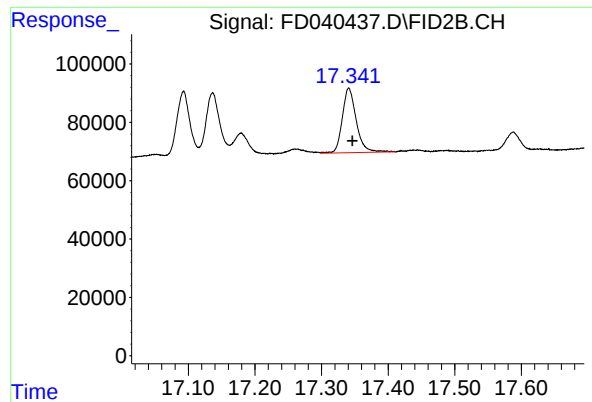
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.093 min
Delta R.T.: -0.005 min
Response: 297601
Conc: 2.44 ug/ml



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

R.T.: 17.136 min
Delta R.T.: -0.006 min
Response: 307375
Conc: 2.53 ug/ml



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

R.T.: 17.341 min
Delta R.T.: -0.005 min
Response: 321870
Conc: 2.51 ug/ml