

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012122AR\
 Data File : FD040718.D
 Signal(s) : FID2B.CH
 Acq On : 21 Jan 2022 11:04
 Operator : AJ\MA
 Sample : N1172-01
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 21 23:36:24 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...	6.731	6925414	48.422 ug/ml
Spiked Amount 50.000		Recovery =	96.84%
6) S 2-Fluorobiphenyl (SURR)	7.578	4671836	49.062 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.12%
11) S ortho-Terphenyl (SURR)	10.612	6496996	41.573 ug/ml
Spiked Amount 50.000		Recovery =	83.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.648	38003	0.246 ug/ml
2) T Naphthalene (C11.7)	5.084	36785	0.230 ug/ml
3) T 2-Methylnaphthalene (...)	6.125	71513	0.441 ug/ml
7) T Acenaphthene (C15.5)	7.674	58439	0.363 ug/ml
8) T Flouorene (C16.55)	8.453	93797	0.603 ug/ml
9) T Phenanthrene (C19.36)	9.835	403803	2.625 ug/ml
10) T Anthracene (C19.43)	9.913	87345	0.598 ug/ml
12) T Fluoranthene (C21.85)	11.635	482561	3.108 ug/ml
13) T Pyrene (C20.8)	11.928	377863	2.503 ug/ml
14) T Benzo[a]anthracene (C...	13.836	204733	1.543 ug/ml
15) T Chrysene (C27.41)	13.836	204733	1.400 ug/ml
16) T benzo[b]fluoranthene ...	15.389	182534	1.336 ug/ml
17) T Bnezo[k]fluoranthene ...	15.389	182534	1.319 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.713	141474	1.085 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.059	224151	1.840 ug/ml
20) T Dibenz[a,h]anthracene...	17.157	271907	2.235 ug/ml
21) T Benzo[g,h,i]perylene ...	17.322	68150	0.531 ug/ml

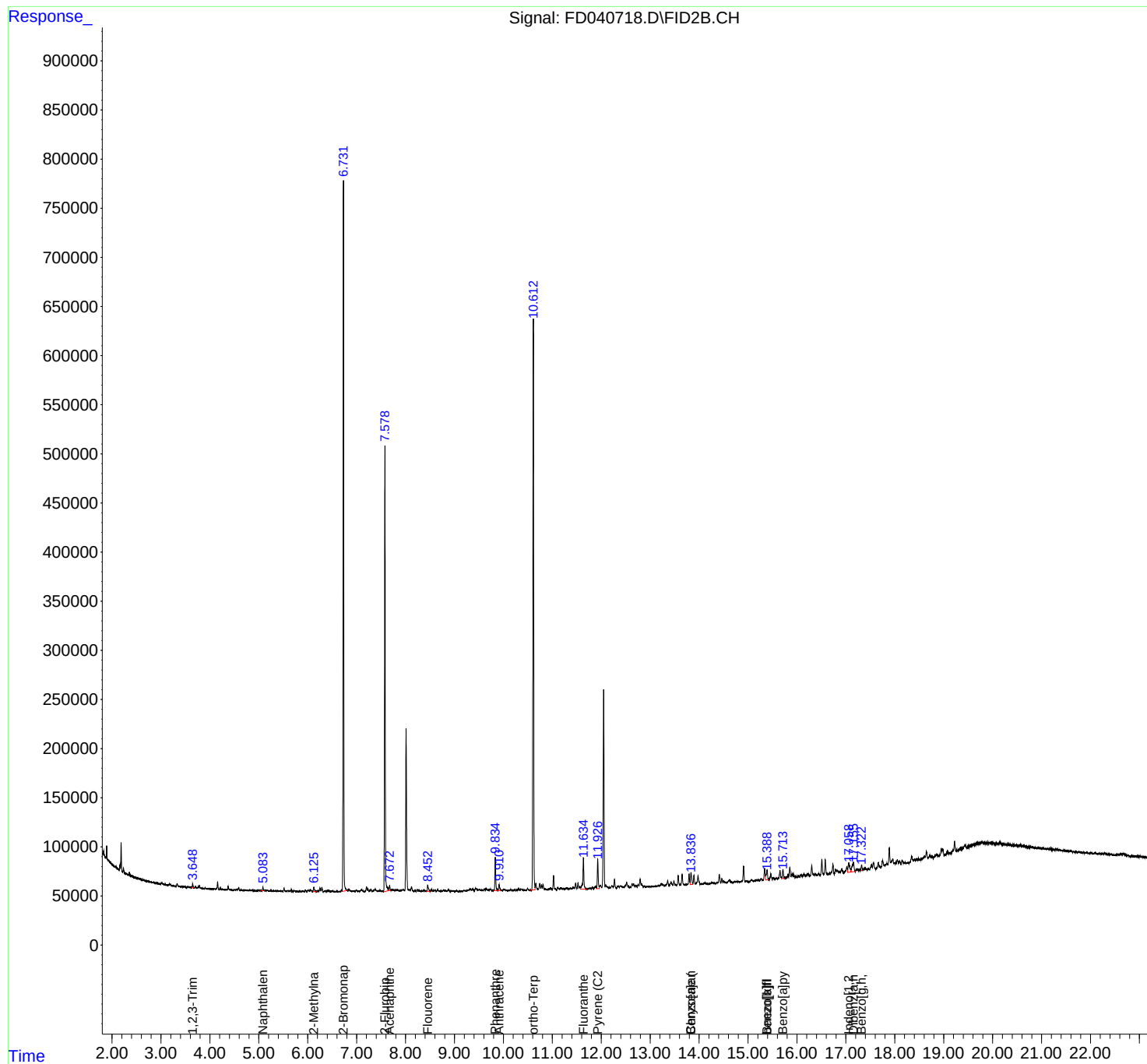
(f)=RT Delta > 1/2 Window

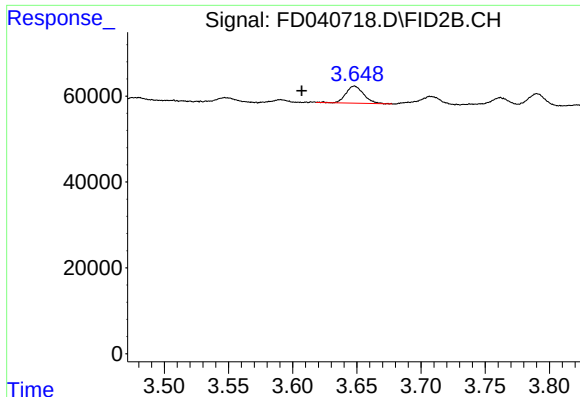
(m)=manual int.

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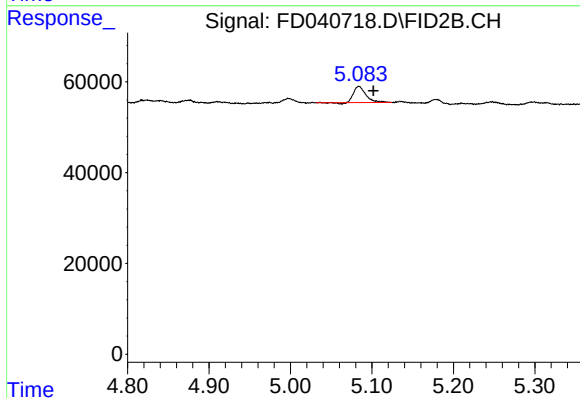
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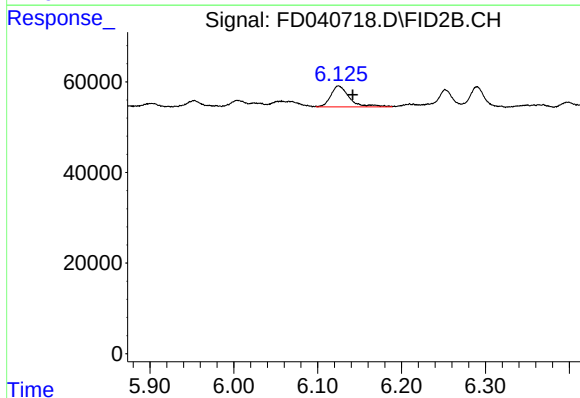
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.648 min
Delta R.T.: 0.041 min
Response: 38003
Conc: 0.25 ug/ml



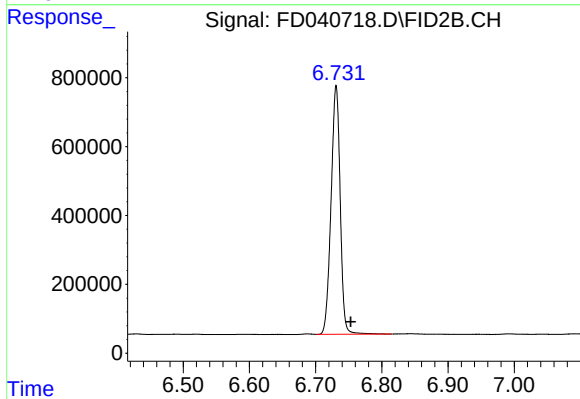
#2 Naphthalene (C11.7)

R.T.: 5.084 min
Delta R.T.: -0.018 min
Response: 36785
Conc: 0.23 ug/ml



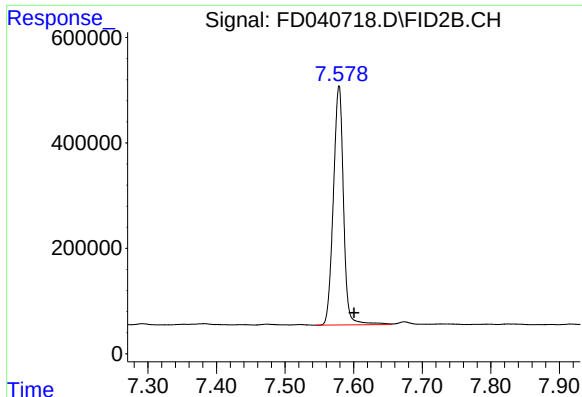
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.125 min
Delta R.T.: -0.016 min
Response: 71513
Conc: 0.44 ug/ml



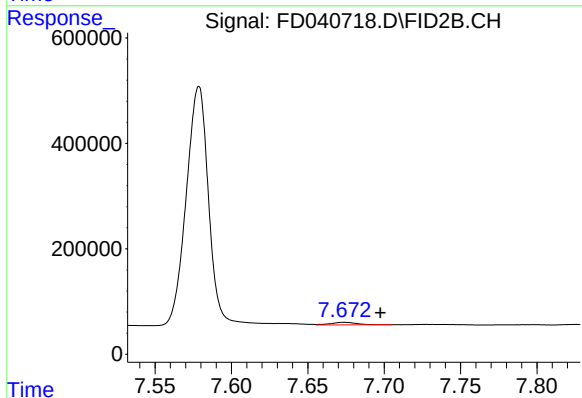
#4 2-Bromonaphthalene (SURR)

R.T.: 6.731 min
Delta R.T.: -0.022 min
Response: 6925414
Conc: 48.42 ug/ml



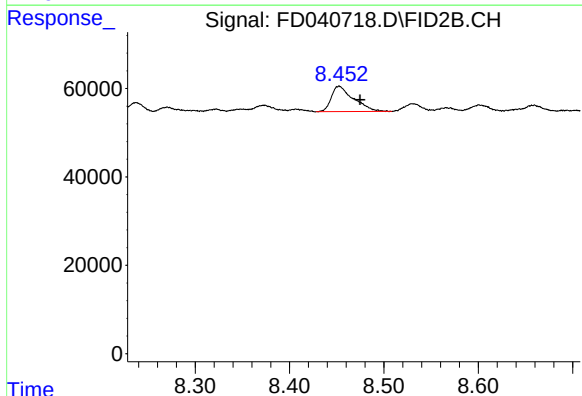
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.578 min
Delta R.T.: -0.022 min
Response: 4671836
Conc: 49.06 ug/ml



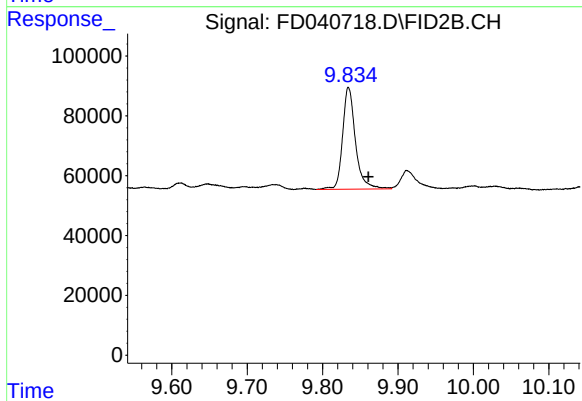
#7 Acenaphthene (C15.5)

R.T.: 7.674 min
Delta R.T.: -0.023 min
Response: 58439
Conc: 0.36 ug/ml



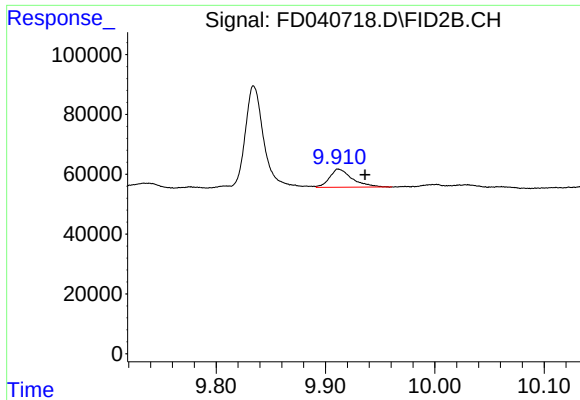
#8 Flouorene (C16.55)

R.T.: 8.453 min
Delta R.T.: -0.022 min
Response: 93797
Conc: 0.60 ug/ml



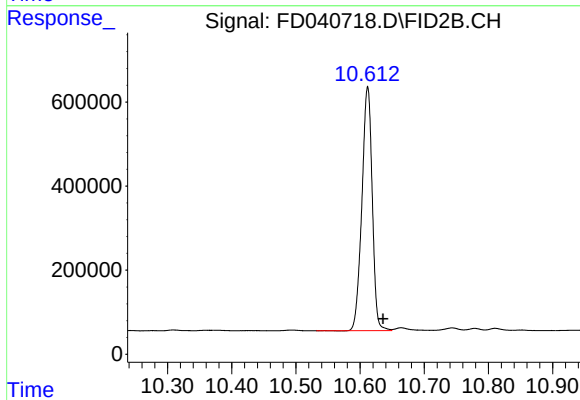
#9 Phenanthrene (C19.36)

R.T.: 9.835 min
Delta R.T.: -0.026 min
Response: 403803
Conc: 2.62 ug/ml



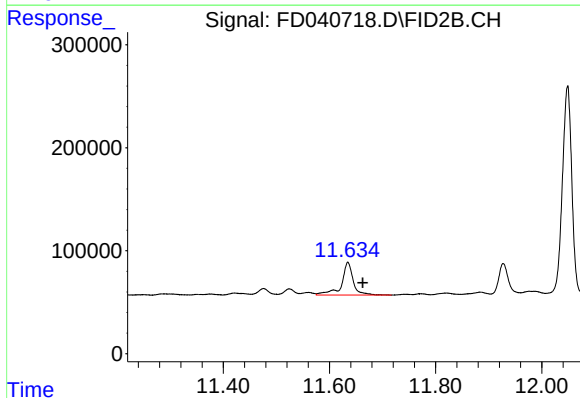
#10 Anthracene (C19.43)

R.T.: 9.913 min
Delta R.T.: -0.024 min
Response: 87345
Conc: 0.60 ug/ml



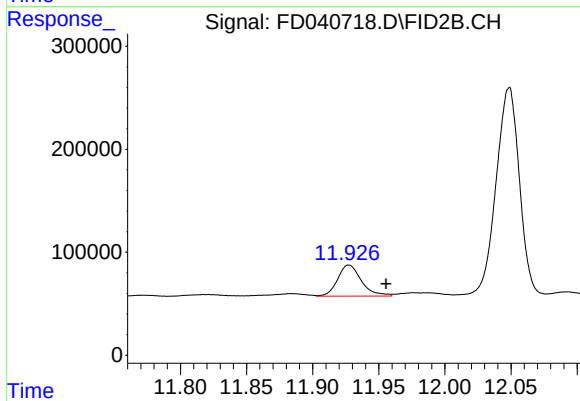
#11 ortho-Terphenyl (SURR)

R.T.: 10.612 min
Delta R.T.: -0.024 min
Response: 649696
Conc: 41.57 ug/ml



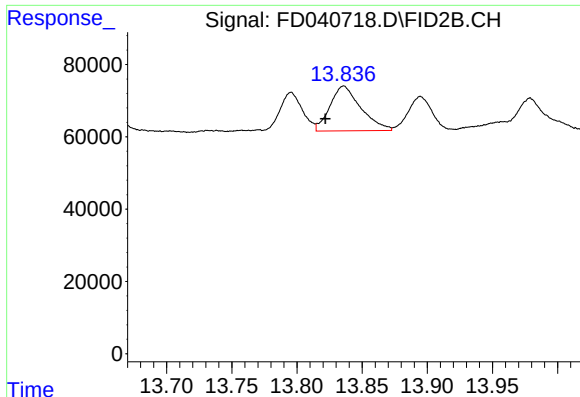
#12 Fluoranthene (C21.85)

R.T.: 11.635 min
Delta R.T.: -0.028 min
Response: 482561
Conc: 3.11 ug/ml



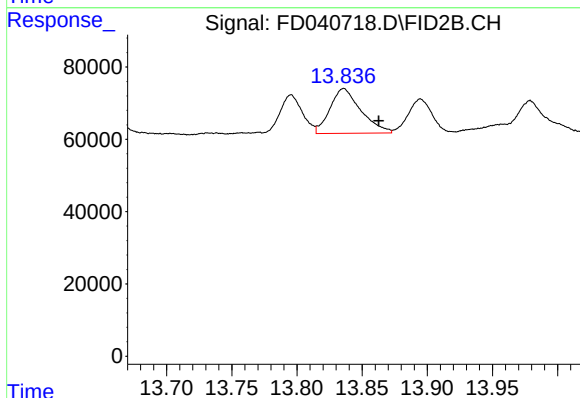
#13 Pyrene (C20.8)

R.T.: 11.928 min
Delta R.T.: -0.028 min
Response: 377863
Conc: 2.50 ug/ml



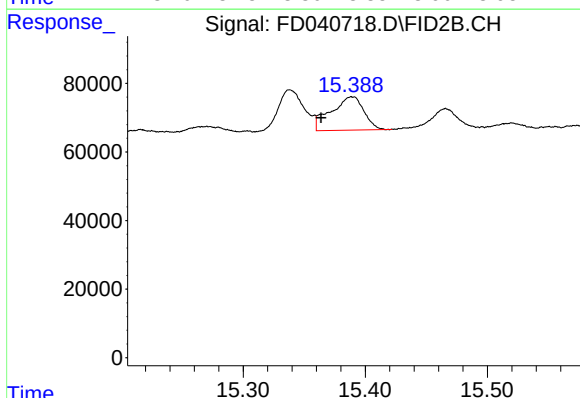
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.836 min
Delta R.T.: 0.014 min
Response: 204733
Conc: 1.54 ug/ml



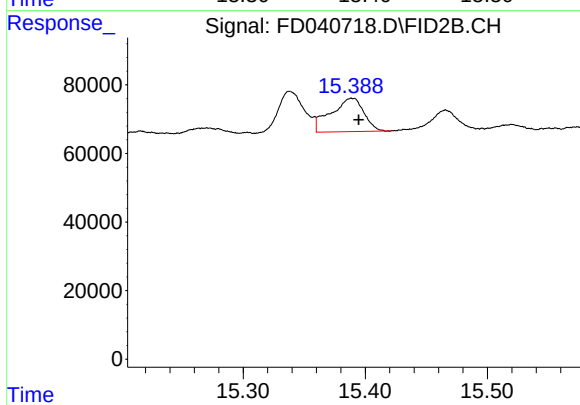
#15 Chrysene (C27.41)

R.T.: 13.836 min
Delta R.T.: -0.027 min
Response: 204733
Conc: 1.40 ug/ml



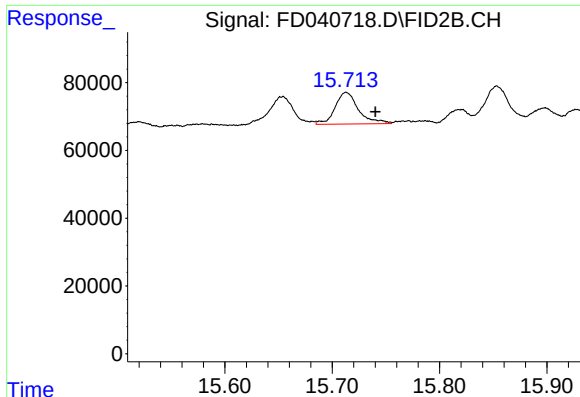
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.389 min
Delta R.T.: 0.025 min
Response: 182534
Conc: 1.34 ug/ml



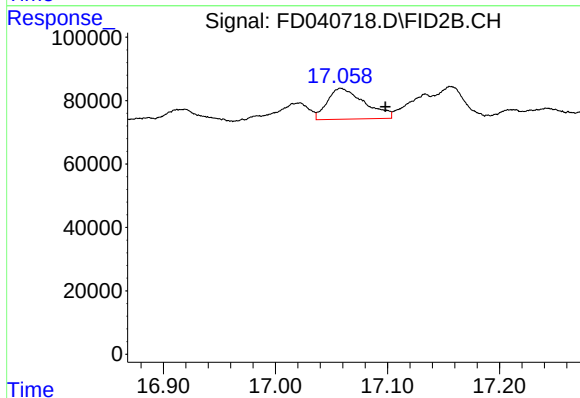
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.389 min
Delta R.T.: -0.006 min
Response: 182534
Conc: 1.32 ug/ml



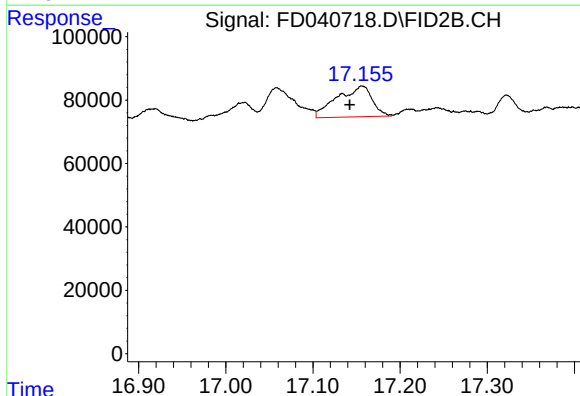
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.713 min
Delta R.T.: -0.027 min
Response: 141474
Conc: 1.09 ug/ml



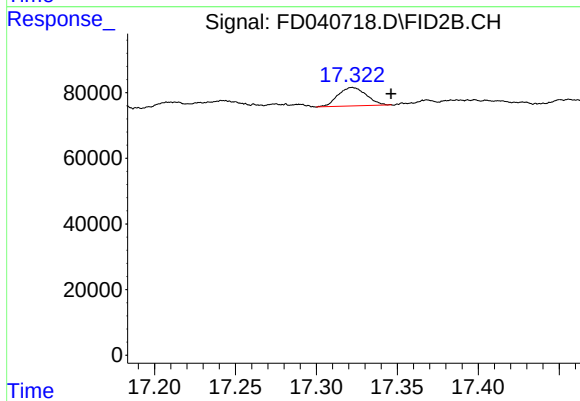
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.059 min
Delta R.T.: -0.039 min
Response: 224151
Conc: 1.84 ug/ml



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

R.T.: 17.157 min
Delta R.T.: 0.014 min
Response: 271907
Conc: 2.24 ug/ml



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

R.T.: 17.322 min
Delta R.T.: -0.024 min
Response: 68150
Conc: 0.53 ug/ml