

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012122AR\
 Data File : FD040719.D
 Signal(s) : FID2B.CH
 Acq On : 21 Jan 2022 11:36
 Operator : AJ\MA
 Sample : N1172-02
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 21 23:36:41 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...	6.732	6281897	43.923 ug/ml
Spiked Amount 50.000		Recovery =	87.85%
6) S 2-Fluorobiphenyl (SURR)	7.579	4210034	44.213 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.43%
11) S ortho-Terphenyl (SURR)	10.611	4949312	31.670 ug/ml
Spiked Amount 50.000		Recovery =	63.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.649	71990	0.465 ug/ml
2) T Naphthalene (C11.7)	5.085	49145	0.307 ug/ml
3) T 2-Methylnaphthalene (...)	6.126	71449	0.440 ug/ml
7) T Acenaphthene (C15.5)	7.675	48014	0.298 ug/ml
8) T Flouorene (C16.55)	8.455	70340	0.453 ug/ml
9) T Phenanthrene (C19.36)	9.835	326916	2.125 ug/ml
10) T Anthracene (C19.43)	9.914	74417	0.509 ug/ml
12) T Fluoranthene (C21.85)	11.635	373114	2.403 ug/ml
13) T Pyrene (C20.8)	11.927	279080	1.849 ug/ml
14) T Benzo[a]anthracene (C...	13.835	161954	1.221 ug/ml
15) T Chrysene (C27.41)	13.835	161954	1.107 ug/ml
16) T benzo[b]fluoranthene ...	15.388	175604	1.285 ug/ml
17) T Bnezo[k]fluoranthene ...	15.388	175604	1.269 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.713	126458	0.970 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.065	160113	1.314 ug/ml
20) T Dibenz[a,h]anthracene...	17.155	229932	1.890 ug/ml
21) T Benzo[g,h,i]perylene ...	17.321	60835	0.474 ug/ml

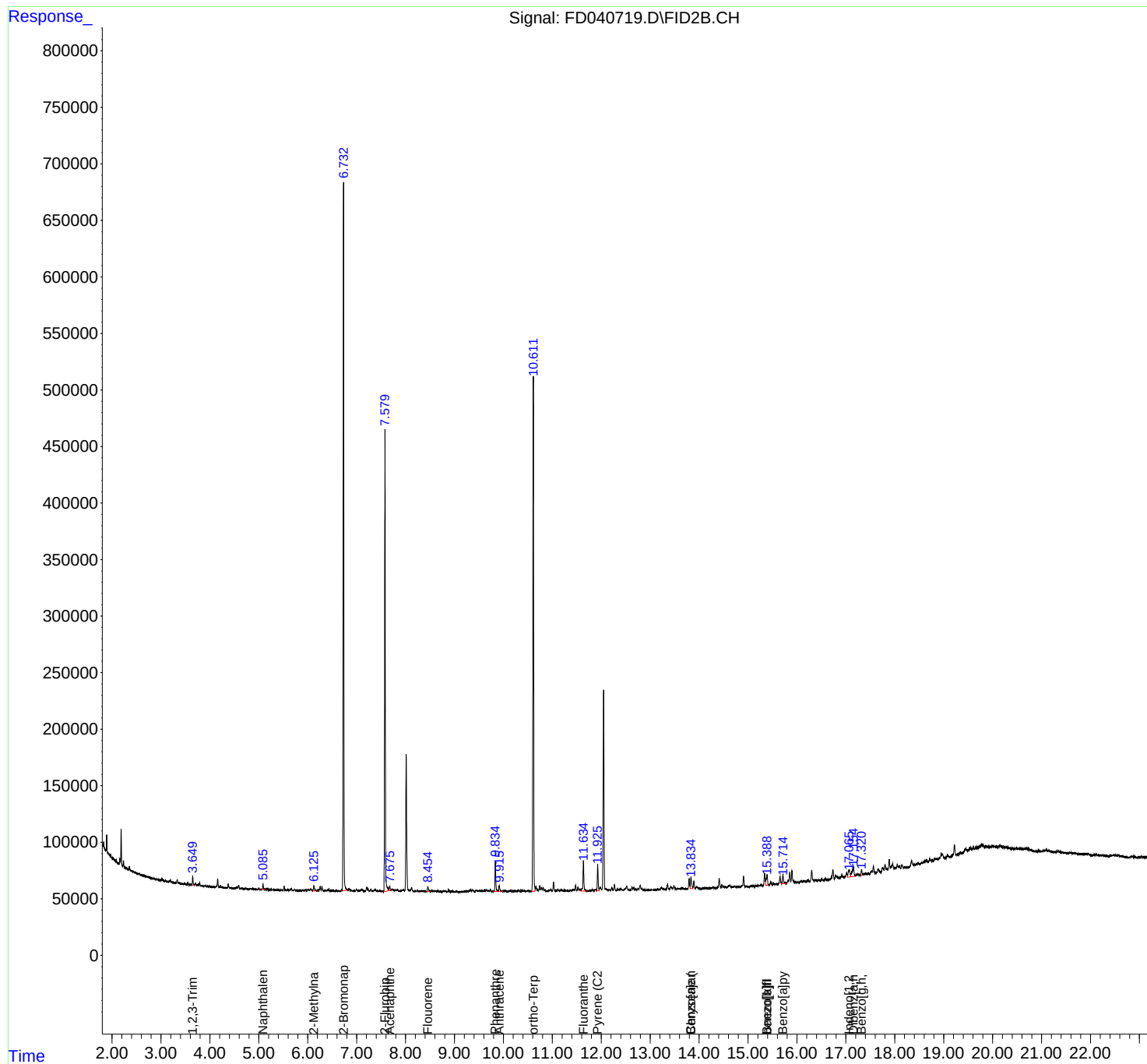
(f)=RT Delta > 1/2 Window

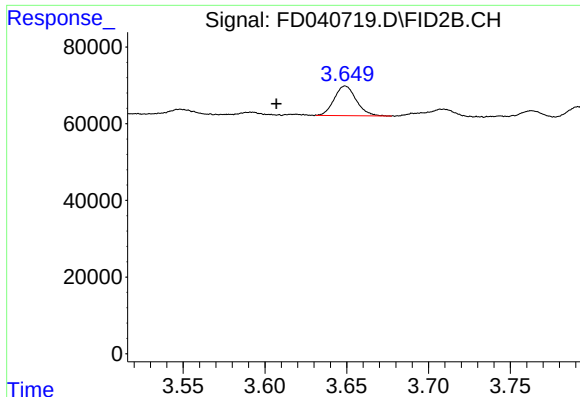
(m)=manual int.

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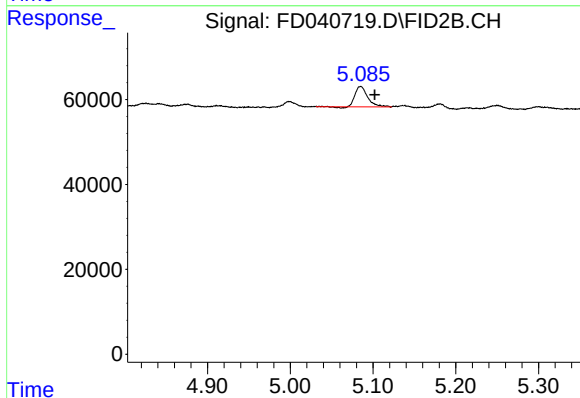
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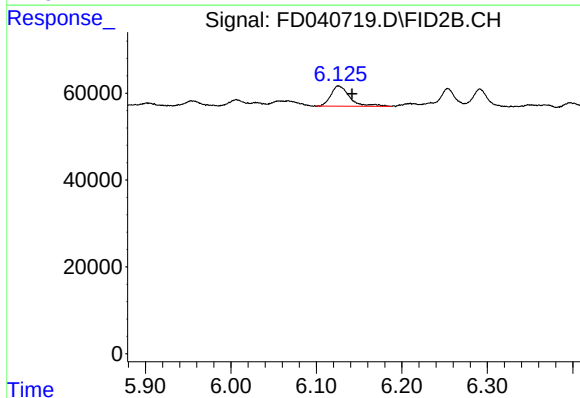
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.649 min
Delta R.T.: 0.042 min
Response: 71990
Conc: 0.47 ug/ml



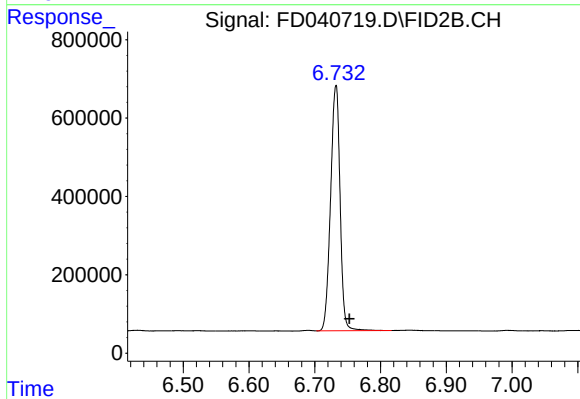
#2 Naphthalene (C11.7)

R.T.: 5.085 min
Delta R.T.: -0.017 min
Response: 49145
Conc: 0.31 ug/ml



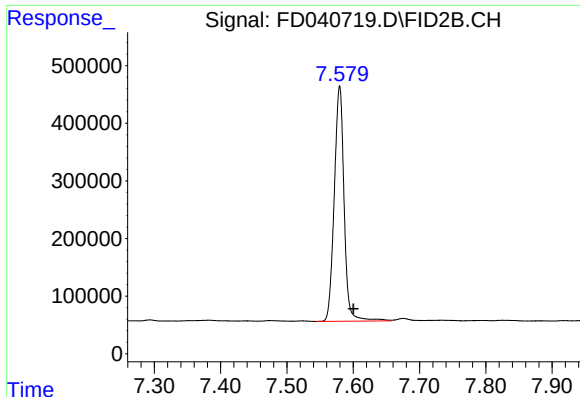
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.126 min
Delta R.T.: -0.015 min
Response: 71449
Conc: 0.44 ug/ml



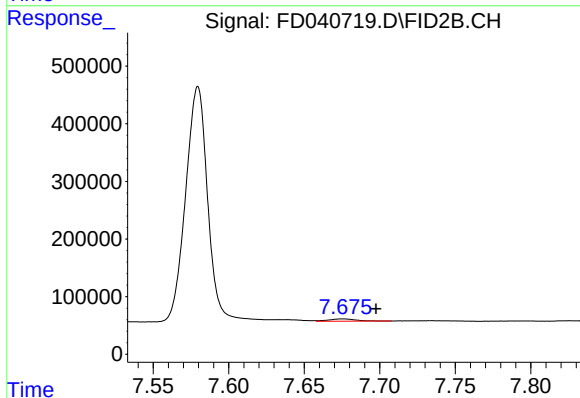
#4 2-Bromonaphthalene (SURR)

R.T.: 6.732 min
Delta R.T.: -0.021 min
Response: 6281897
Conc: 43.92 ug/ml



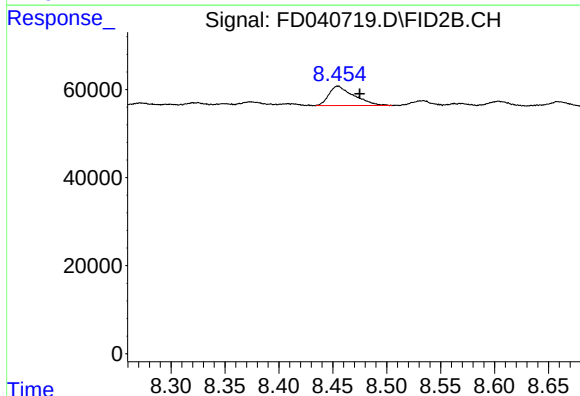
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.579 min
Delta R.T.: -0.021 min
Response: 4210034
Conc: 44.21 ug/ml



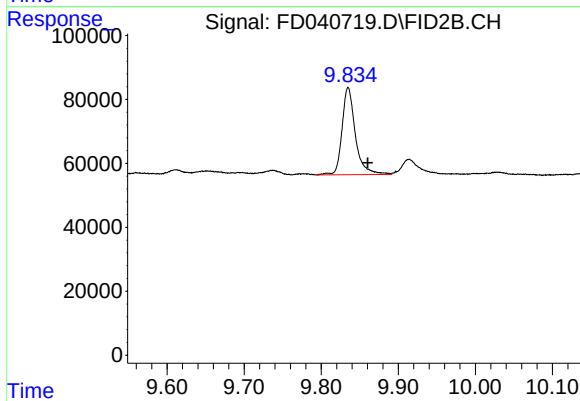
#7 Acenaphthene (C15.5)

R.T.: 7.675 min
Delta R.T.: -0.022 min
Response: 48014
Conc: 0.30 ug/ml



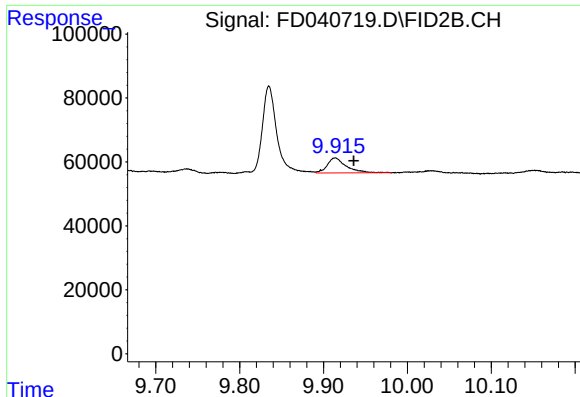
#8 Flouorene (C16.55)

R.T.: 8.455 min
Delta R.T.: -0.020 min
Response: 70340
Conc: 0.45 ug/ml



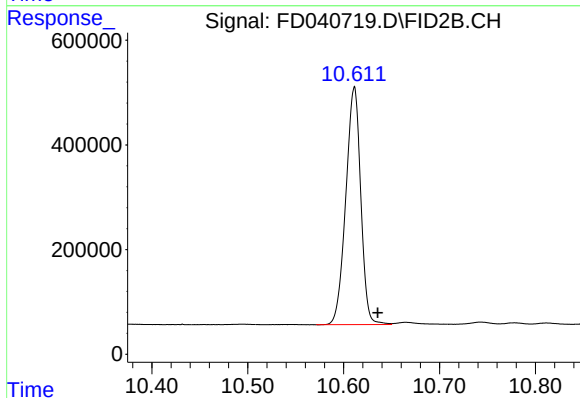
#9 Phenanthrene (C19.36)

R.T.: 9.835 min
Delta R.T.: -0.025 min
Response: 326916
Conc: 2.12 ug/ml



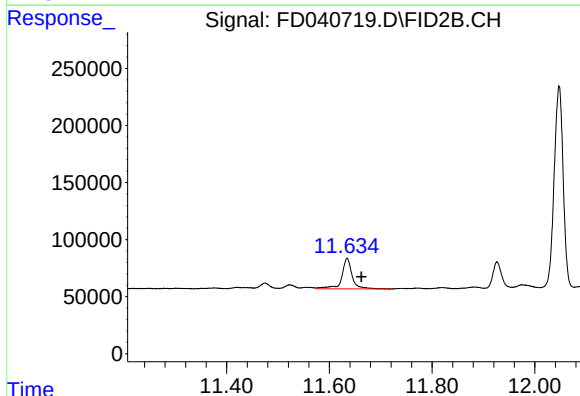
#10 Anthracene (C19.43)

R.T.: 9.914 min
Delta R.T.: -0.022 min
Response: 74417
Conc: 0.51 ug/ml



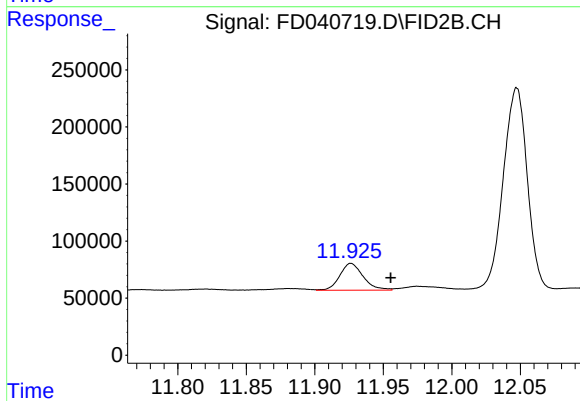
#11 ortho-Terphenyl (SURR)

R.T.: 10.611 min
Delta R.T.: -0.025 min
Response: 4949312
Conc: 31.67 ug/ml



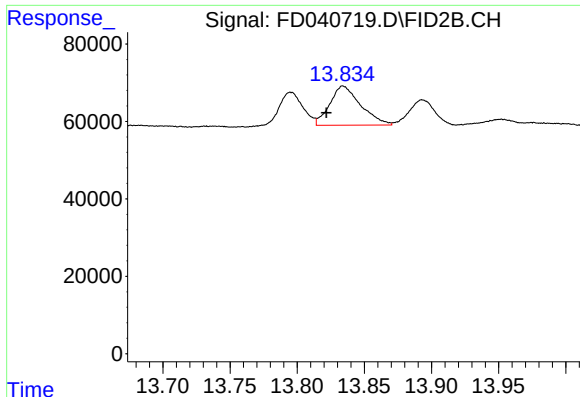
#12 Fluoranthene (C21.85)

R.T.: 11.635 min
Delta R.T.: -0.028 min
Response: 373114
Conc: 2.40 ug/ml



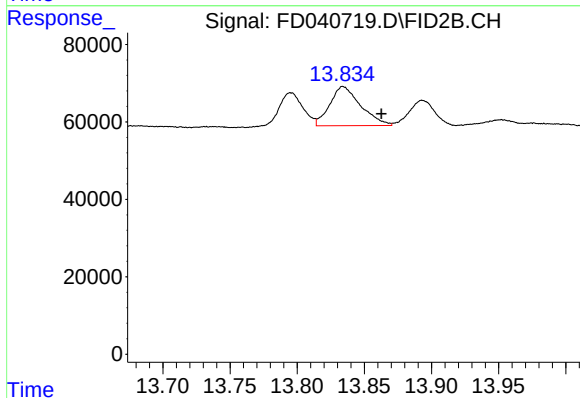
#13 Pyrene (C20.8)

R.T.: 11.927 min
Delta R.T.: -0.029 min
Response: 279080
Conc: 1.85 ug/ml



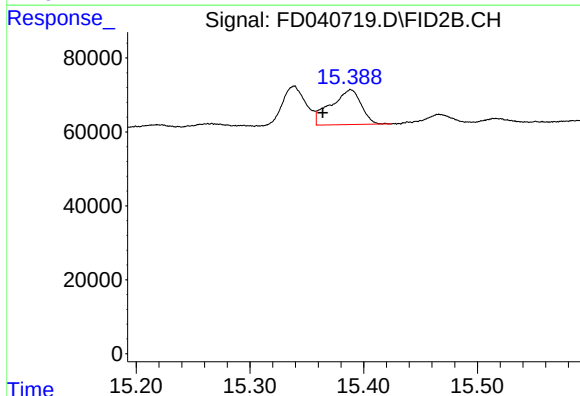
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.835 min
Delta R.T.: 0.013 min
Response: 161954
Conc: 1.22 ug/ml



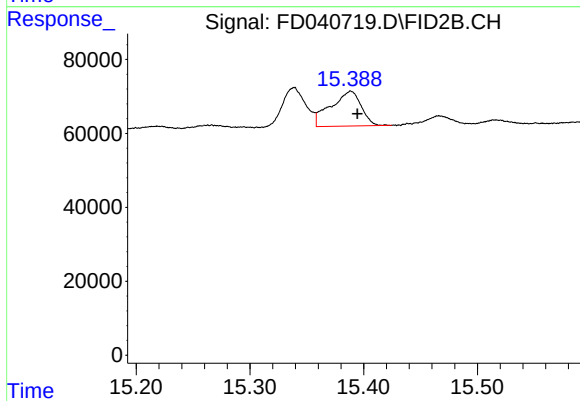
#15 Chrysene (C27.41)

R.T.: 13.835 min
Delta R.T.: -0.028 min
Response: 161954
Conc: 1.11 ug/ml



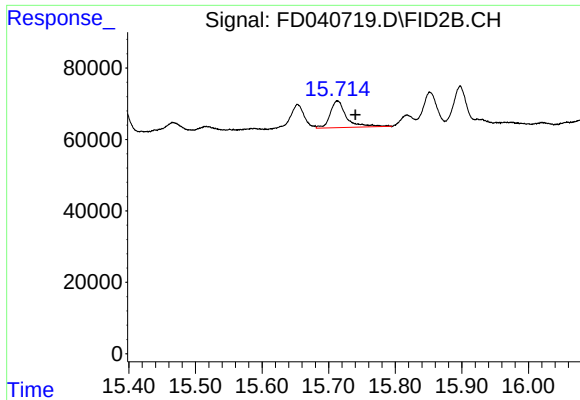
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.388 min
Delta R.T.: 0.024 min
Response: 175604
Conc: 1.29 ug/ml



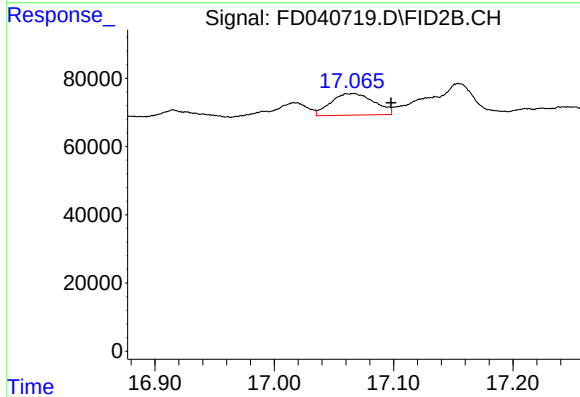
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.388 min
Delta R.T.: -0.006 min
Response: 175604
Conc: 1.27 ug/ml



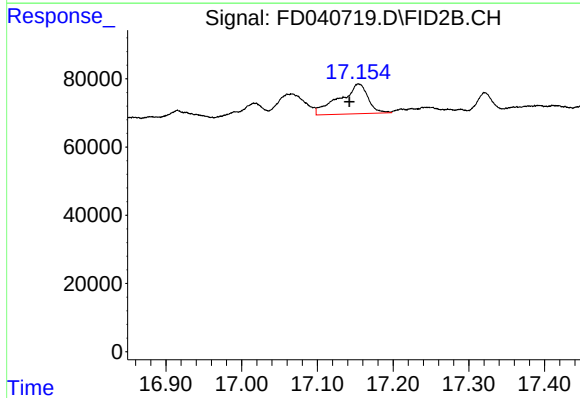
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.713 min
Delta R.T.: -0.027 min
Response: 126458
Conc: 0.97 ug/ml



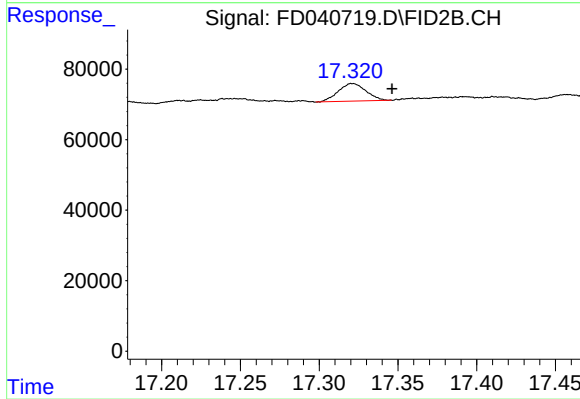
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.065 min
Delta R.T.: -0.033 min
Response: 160113
Conc: 1.31 ug/ml



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

R.T.: 17.155 min
Delta R.T.: 0.012 min
Response: 229932
Conc: 1.89 ug/ml



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

R.T.: 17.321 min
Delta R.T.: -0.025 min
Response: 60835
Conc: 0.47 ug/ml