

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010522AR\
 Data File : FD040435.D
 Signal(s) : FID2B.CH
 Acq On : 05 Jan 2022 20:18
 Operator : AJ\MA
 Sample : M4068-02
 Misc : 5 PPM LOQ SOIL
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 06 00:32:32 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...	6.745	5218615	36.488 ug/ml
Spiked Amount 50.000		Recovery =	72.98%
6) S 2-Fluorobiphenyl (SURR)	7.593	3476025	36.504 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	73.01%
11) S ortho-Terphenyl (SURR)	10.633	8186222	52.382 ug/ml
Spiked Amount 50.000		Recovery =	104.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.600	823596	5.324 ug/ml
2) T Naphthalene (C11.7)	5.093	860771	5.378 ug/ml
3) T 2-Methylnaphthalene (...)	6.133	860303	5.300 ug/ml
5) T Acenaphthylene (C15.06)	7.396	861652	5.732 ug/ml
7) T Acenaphthene (C15.5)	7.689	941485	5.841 ug/ml
8) T Fluorene (C16.55)	8.466	817521	5.260 ug/ml
9) T Phenanthrene (C19.36)	9.852	772598	5.022 ug/ml
10) T Anthracene (C19.43)	9.926	749799	5.132 ug/ml
12) T Fluoranthene (C21.85)	11.654	785693	5.060 ug/ml
13) T Pyrene (C20.8)	11.947	794073	5.261 ug/ml
14) T Benzo[a]anthracene (C...	13.813	717222	5.406 ug/ml
15) T Chrysene (C27.41)	13.855	774133	5.294 ug/ml
16) T benzo[b]fluoranthene ...	15.356	719154	5.263 ug/ml
17) T Bnezo[k]fluoranthene ...	15.387	799356	5.775 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.732	722548	5.543 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.091	691527	5.675 ug/ml
20) T Dibenz[a,h]anthracene...	17.135	710084	5.838 ug/ml
21) T Benzo[g,h,i]perylene ...	17.340	700440	5.455 ug/ml

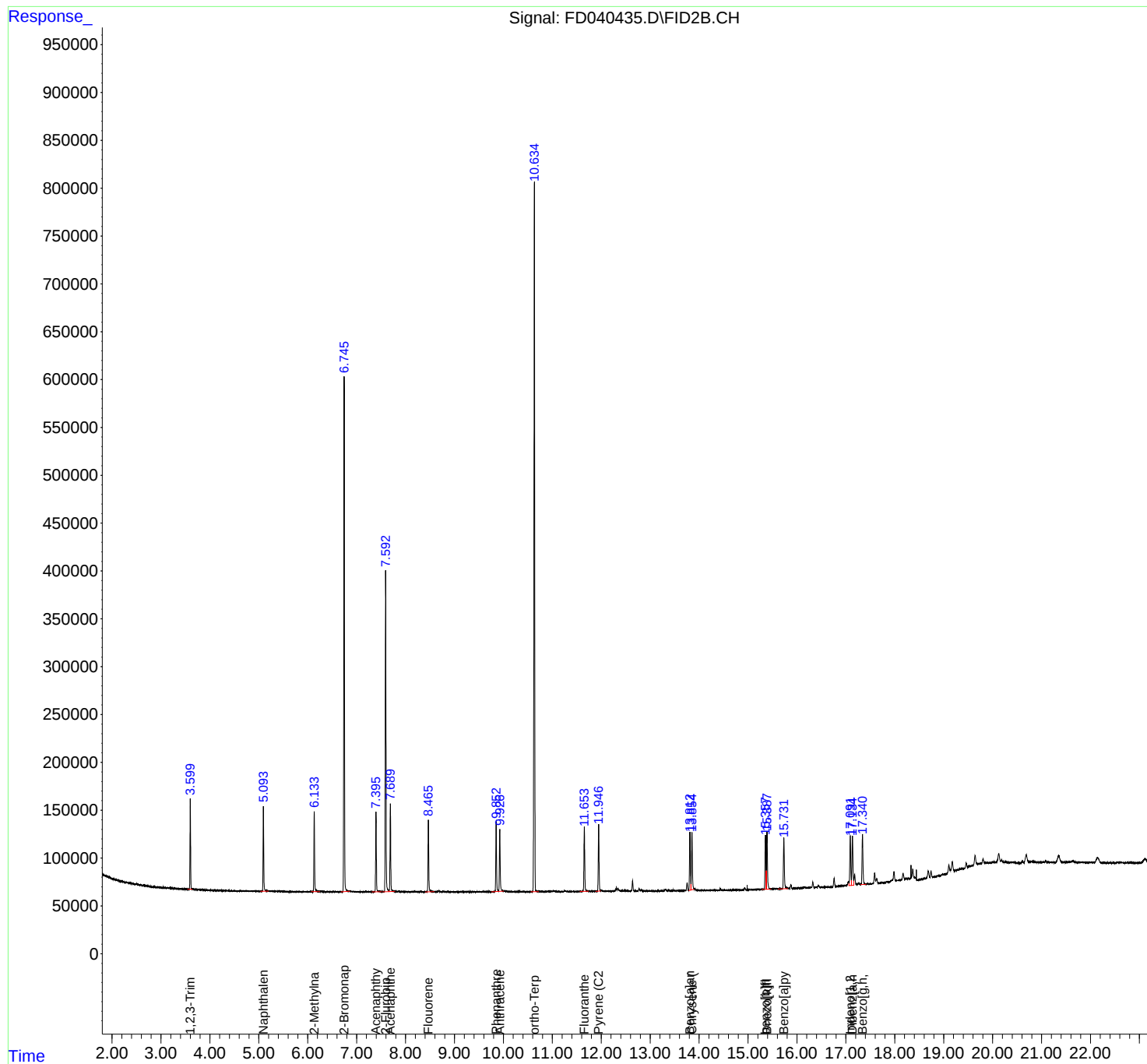
(f)=RT Delta > 1/2 Window

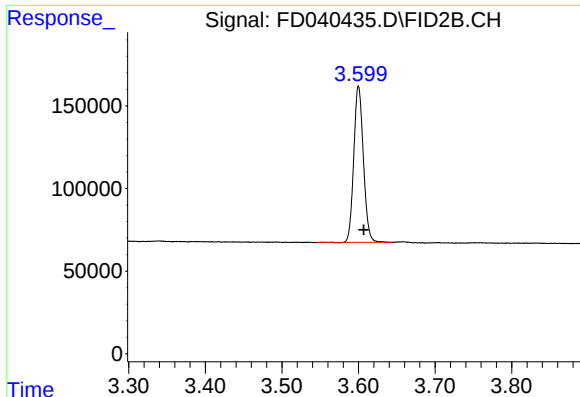
(m)=manual int.

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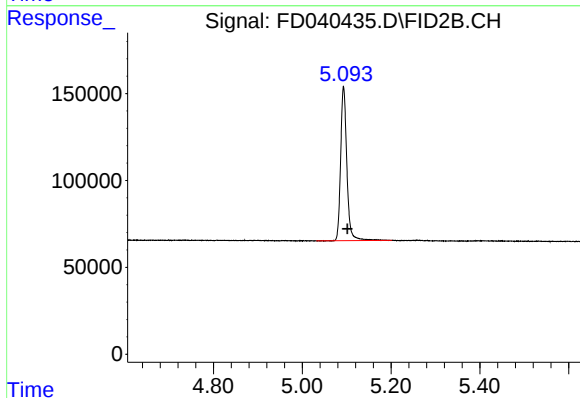
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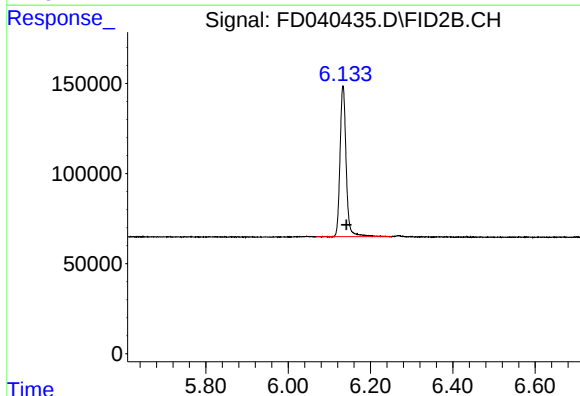
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.600 min
Delta R.T.: -0.007 min
Response: 823596
Conc: 5.32 ug/ml



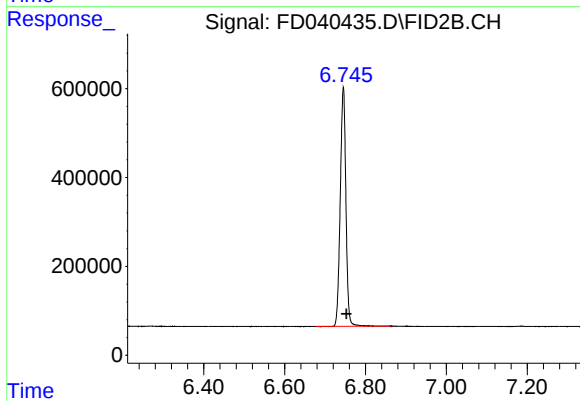
#2 Naphthalene (C11.7)

R.T.: 5.093 min
Delta R.T.: -0.009 min
Response: 860771
Conc: 5.38 ug/ml



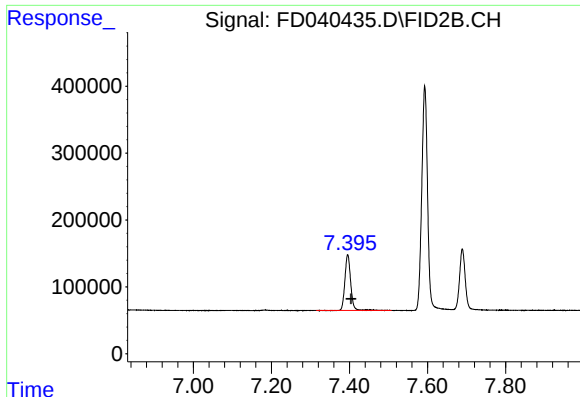
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.133 min
Delta R.T.: -0.008 min
Response: 860303
Conc: 5.30 ug/ml



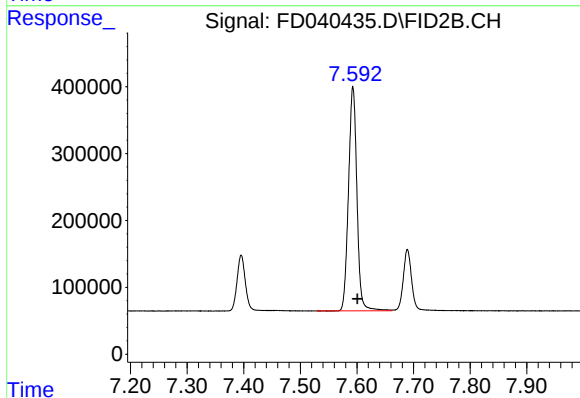
#4 2-Bromonaphthalene (SURR)

R.T.: 6.745 min
Delta R.T.: -0.008 min
Response: 5218615
Conc: 36.49 ug/ml



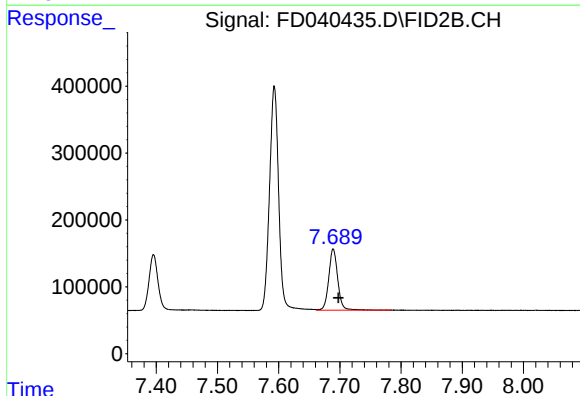
#5 Acenaphthylene (C15.06)

R.T.: 7.396 min
Delta R.T.: -0.009 min
Response: 861652
Conc: 5.73 ug/ml



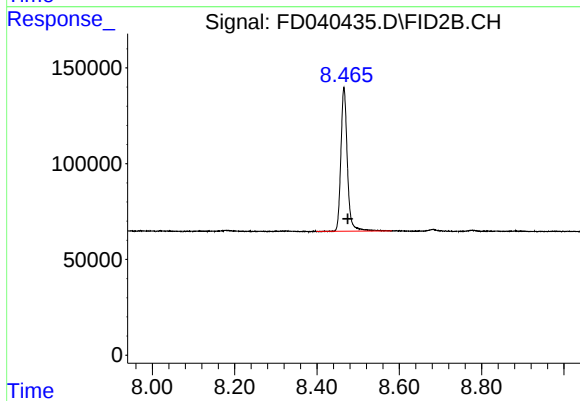
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.593 min
Delta R.T.: -0.008 min
Response: 3476025
Conc: 36.50 ug/ml



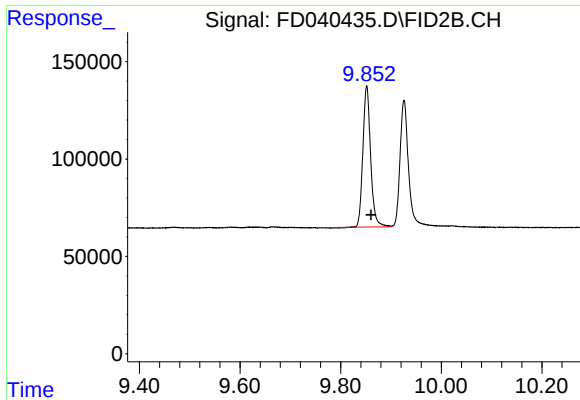
#7 Acenaphthene (C15.5)

R.T.: 7.689 min
Delta R.T.: -0.008 min
Response: 941485
Conc: 5.84 ug/ml



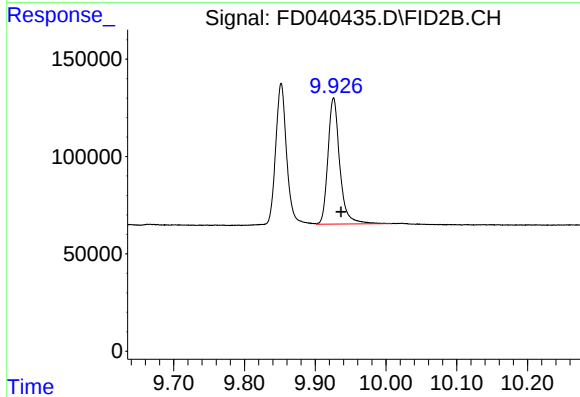
#8 Flouorene (C16.55)

R.T.: 8.466 min
Delta R.T.: -0.009 min
Response: 817521
Conc: 5.26 ug/ml



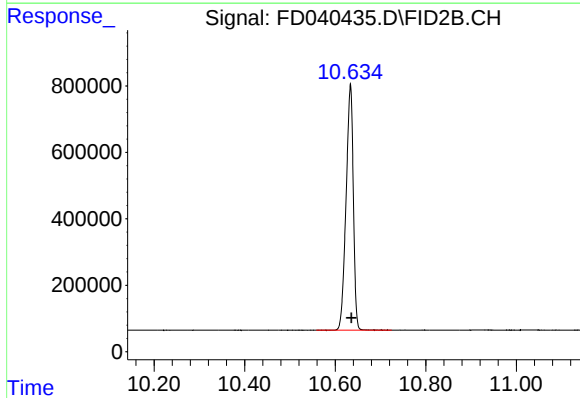
#9 Phenanthrene (C19.36)

R.T.: 9.852 min
Delta R.T.: -0.009 min
Response: 772598
Conc: 5.02 ug/ml



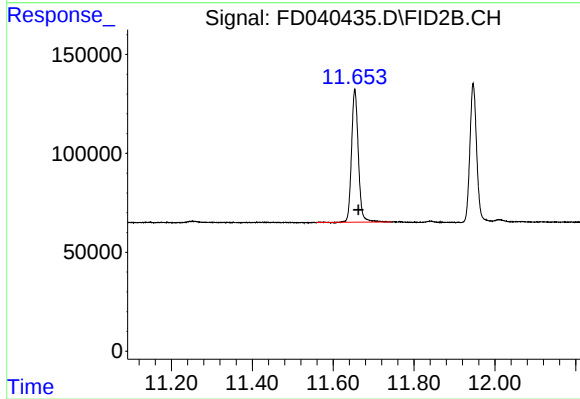
#10 Anthracene (C19.43)

R.T.: 9.926 min
Delta R.T.: -0.010 min
Response: 749799
Conc: 5.13 ug/ml



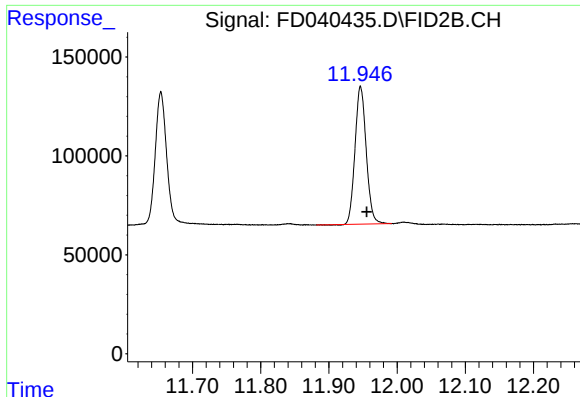
#11 ortho-Terphenyl (SURR)

R.T.: 10.633 min
Delta R.T.: -0.002 min
Response: 8186222
Conc: 52.38 ug/ml



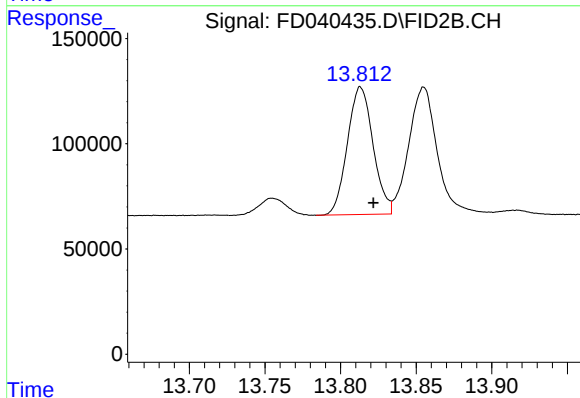
#12 Fluoranthene (C21.85)

R.T.: 11.654 min
Delta R.T.: -0.009 min
Response: 785693
Conc: 5.06 ug/ml



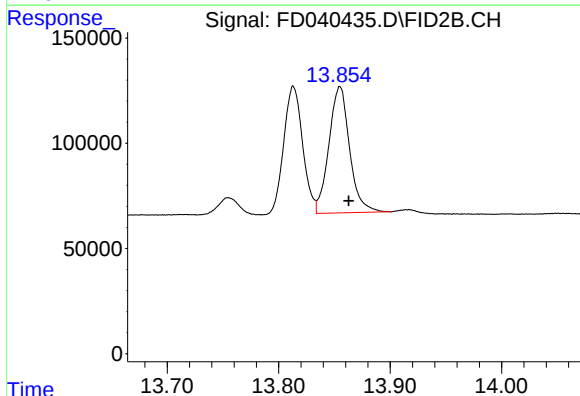
#13 Pyrene (C20.8)

R.T.: 11.947 min
Delta R.T.: -0.009 min
Response: 794073
Conc: 5.26 ug/ml



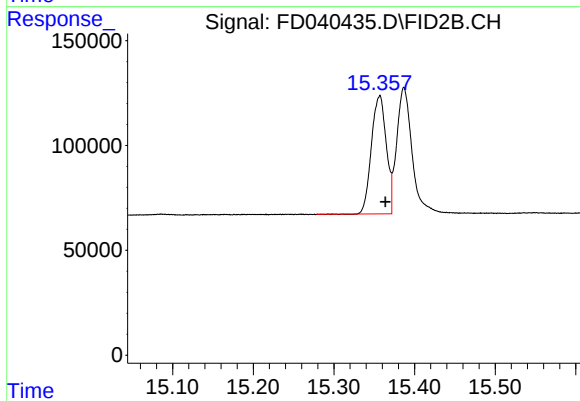
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.813 min
Delta R.T.: -0.008 min
Response: 717222
Conc: 5.41 ug/ml



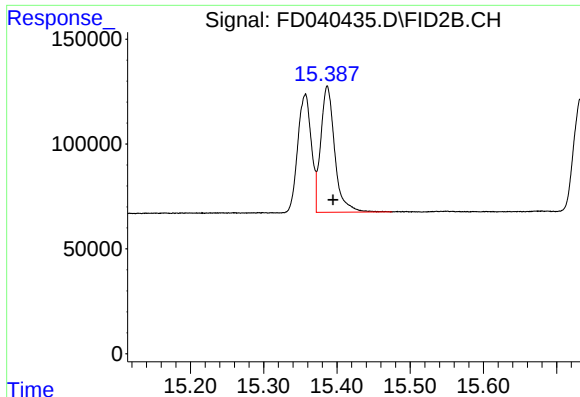
#15 Chrysene (C27.41)

R.T.: 13.855 min
Delta R.T.: -0.008 min
Response: 774133
Conc: 5.29 ug/ml



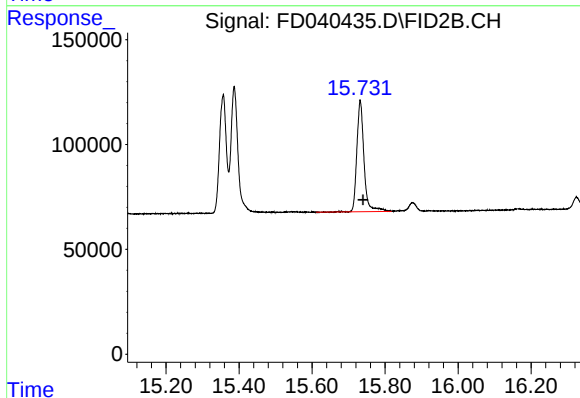
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.356 min
Delta R.T.: -0.008 min
Response: 719154
Conc: 5.26 ug/ml



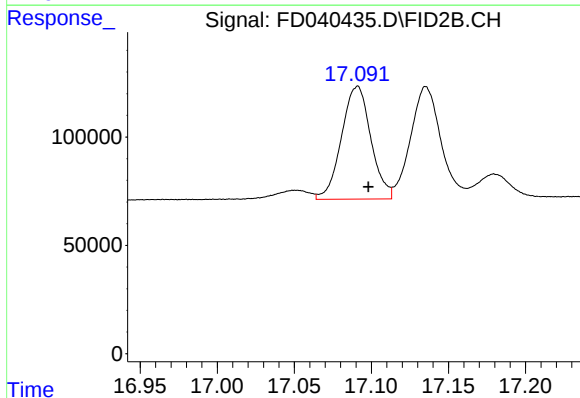
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.387 min
Delta R.T.: -0.008 min
Response: 799356
Conc: 5.77 ug/ml



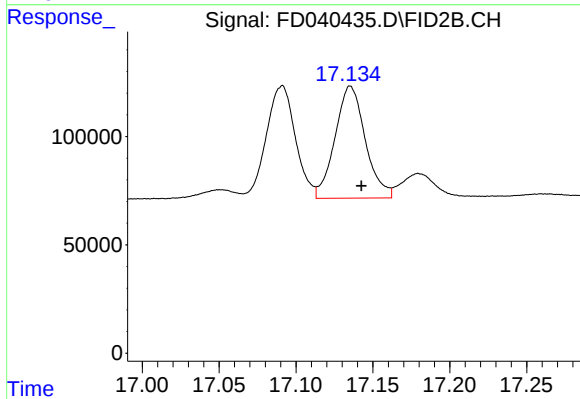
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.732 min
Delta R.T.: -0.008 min
Response: 722548
Conc: 5.54 ug/ml



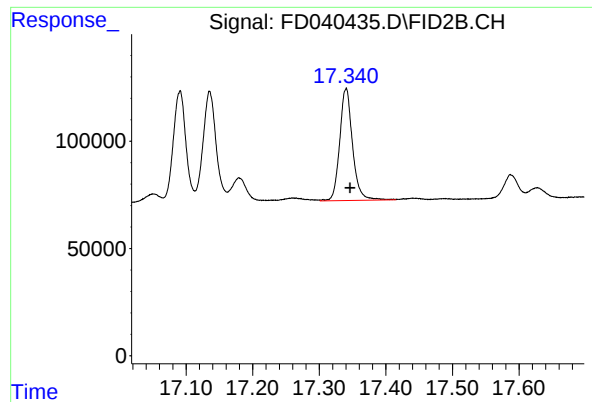
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.091 min
Delta R.T.: -0.007 min
Response: 691527
Conc: 5.68 ug/ml



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

R.T.: 17.135 min
Delta R.T.: -0.007 min
Response: 710084
Conc: 5.84 ug/ml



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

R.T.: 17.340 min
Delta R.T.: -0.006 min
Response: 700440
Conc: 5.45 ug/ml