

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010422AR\
 Data File : FD040399.D
 Signal(s) : FID2B.CH
 Acq On : 04 Jan 2022 23:04
 Operator : AJ\MA
 Sample : M4068-01
 Misc : LOD SOIL 4PPM
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 05 01:20:20 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	5071869	35.462 ug/ml
Spiked Amount 50.000		Recovery =	70.92%
6) S 2-Fluorobiphenyl (SURR)	7.599	3381952	35.516 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	71.03%
11) S ortho-Terphenyl (SURR)	10.638	6643684	42.512 ug/ml
Spiked Amount 50.000		Recovery =	85.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.607	556200	3.596 ug/ml
2) T Naphthalene (C11.7)	5.100	550904	3.442 ug/ml
3) T 2-Methylnaphthalene (...)	6.140	557300	3.433 ug/ml
5) T Acenaphthylene (C15.06)	7.403	552965	3.679 ug/ml
7) T Acenaphthene (C15.5)	7.696	628594	3.900 ug/ml
8) T Fluorene (C16.55)	8.474	512565	3.298 ug/ml
9) T Phenanthrene (C19.36)	9.859	501940	3.263 ug/ml
10) T Anthracene (C19.43)	9.935	483889	3.312 ug/ml
12) T Fluoranthene (C21.85)	11.661	508946	3.278 ug/ml
13) T Pyrene (C20.8)	11.954	540326	3.580 ug/ml
14) T Benzo[a]anthracene (C...	13.821	411228	3.100 ug/ml
15) T Chrysene (C27.41)	13.861	525635	3.594 ug/ml
16) T benzo[b]fluoranthene ...	15.362	448897	3.285 ug/ml
17) T Bnezo[k]fluoranthene ...	15.393	489285	3.535 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.740	370774	2.844 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.096	359223	2.948 ug/ml
20) T Dibenz[a,h]anthracene...	17.145	405900	3.337 ug/ml
21) T Benzo[g,h,i]perylene ...	17.345	414821	3.231 ug/ml

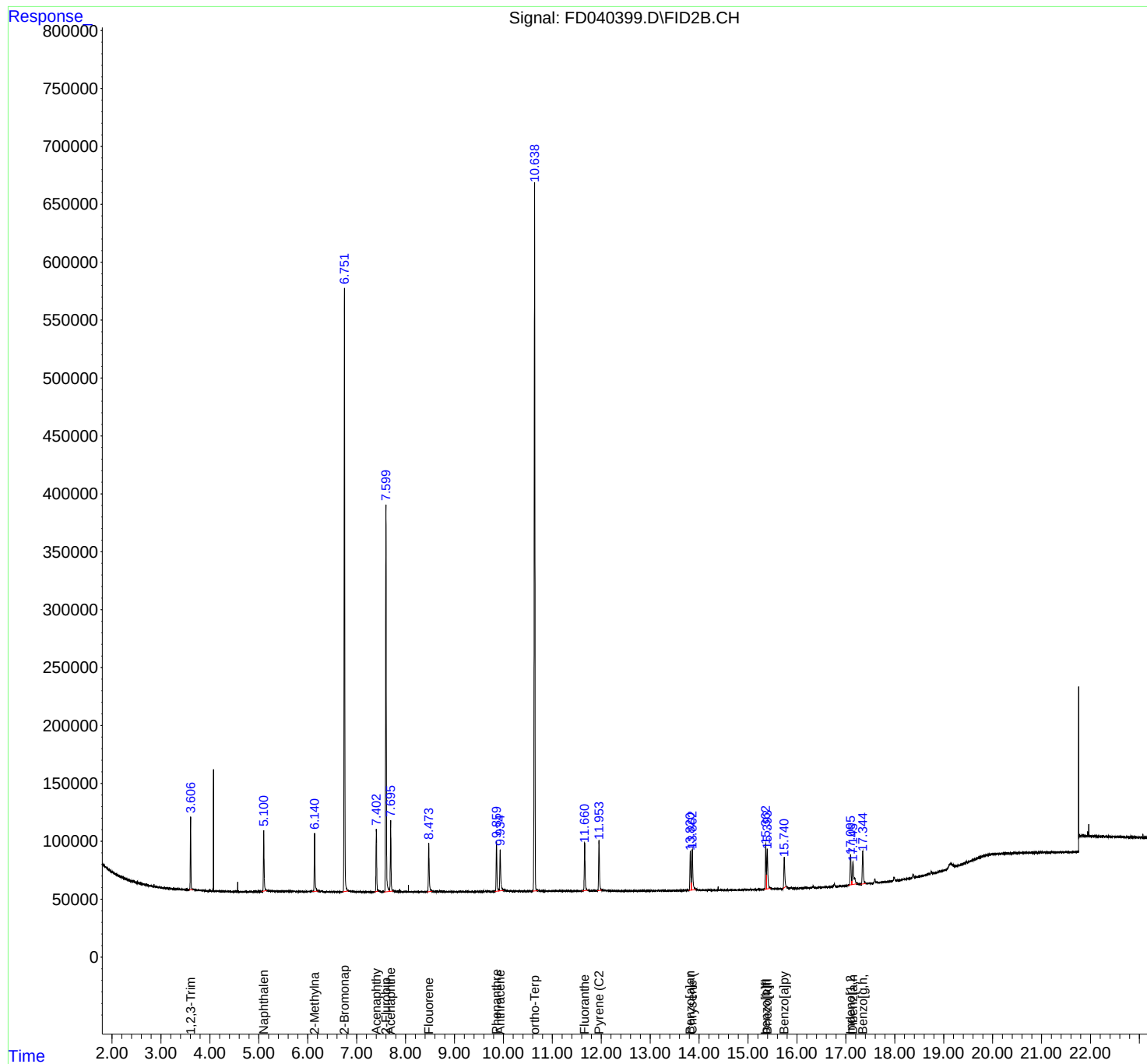
(f)=RT Delta > 1/2 Window

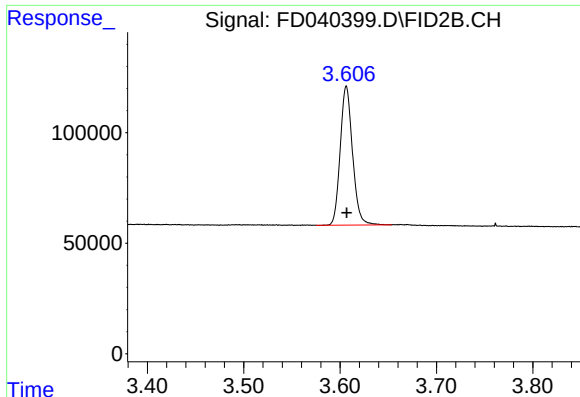
(m)=manual int.

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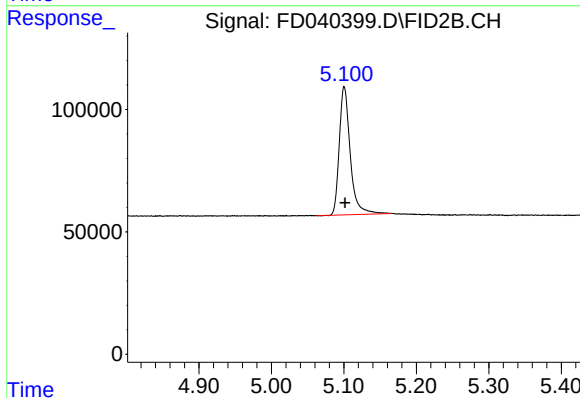
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Signal Info : 20M x 0.18mm x 0.18µm





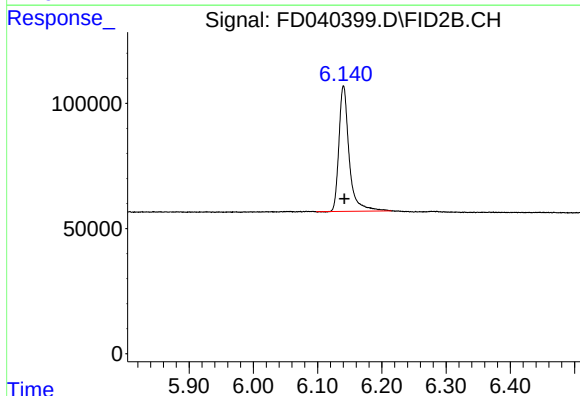
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.607 min
Delta R.T.: 0.000 min
Response: 556200
Conc: 3.60 ug/ml



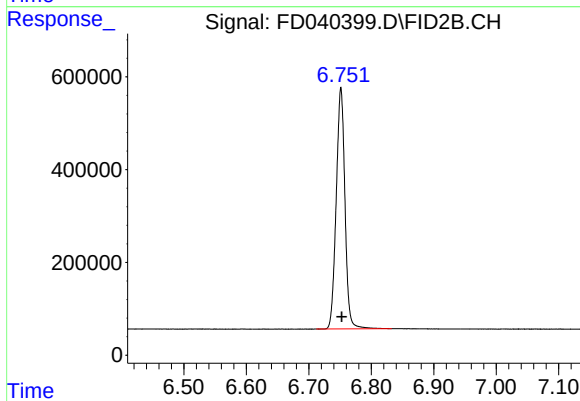
#2 Naphthalene (C11.7)

R.T.: 5.100 min
Delta R.T.: -0.002 min
Response: 550904
Conc: 3.44 ug/ml



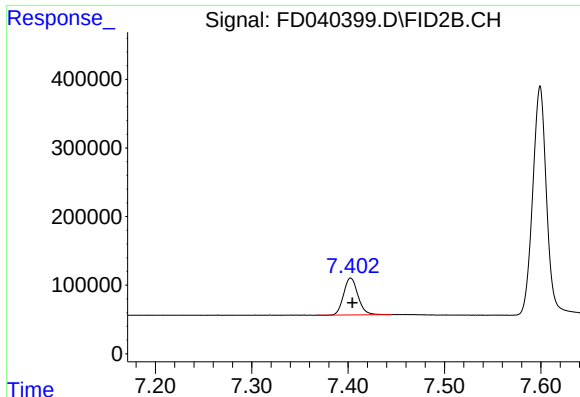
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.140 min
Delta R.T.: -0.001 min
Response: 557300
Conc: 3.43 ug/ml



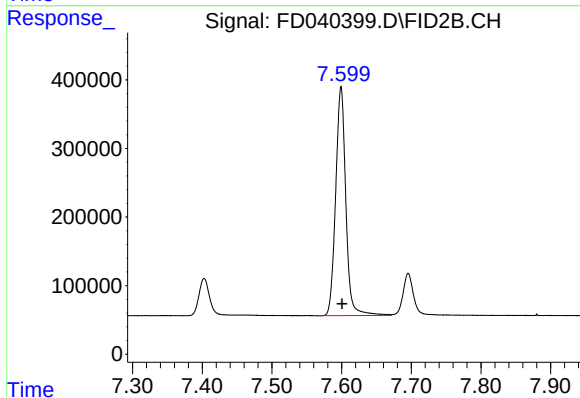
#4 2-Bromonaphthalene (SURR)

R.T.: 6.751 min
Delta R.T.: -0.001 min
Response: 5071869
Conc: 35.46 ug/ml



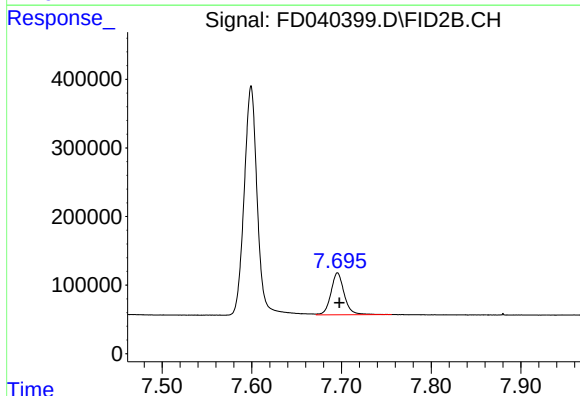
#5 Acenaphthylene (C15.06)

R.T.: 7.403 min
Delta R.T.: -0.002 min
Response: 552965
Conc: 3.68 ug/ml



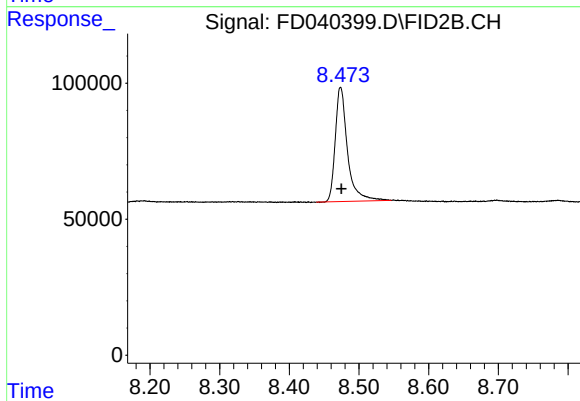
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.599 min
Delta R.T.: -0.001 min
Response: 3381952
Conc: 35.52 ug/ml



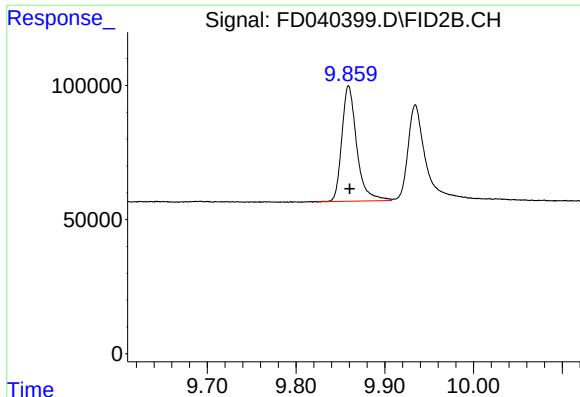
#7 Acenaphthene (C15.5)

R.T.: 7.696 min
Delta R.T.: -0.002 min
Response: 628594
Conc: 3.90 ug/ml



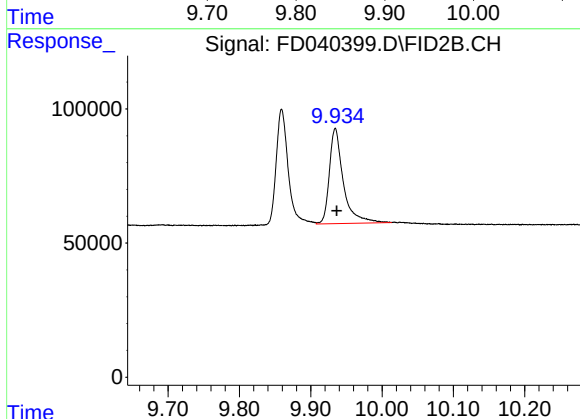
#8 Flouorene (C16.55)

R.T.: 8.474 min
Delta R.T.: -0.001 min
Response: 512565
Conc: 3.30 ug/ml



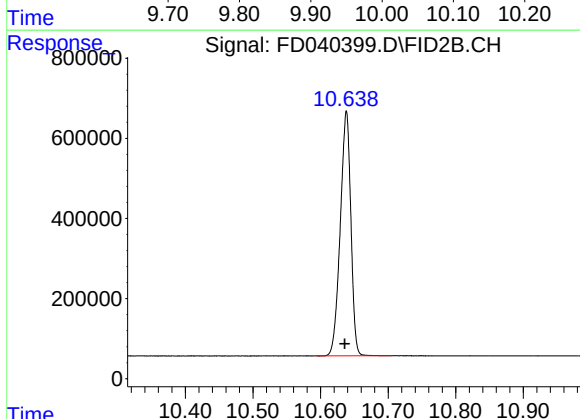
#9 Phenanthrene (C19.36)

R.T.: 9.859 min
Delta R.T.: -0.001 min
Response: 501940
Conc: 3.26 ug/ml



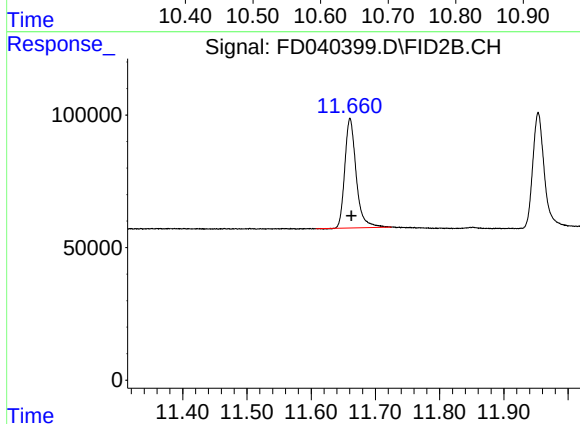
#10 Anthracene (C19.43)

R.T.: 9.935 min
Delta R.T.: -0.002 min
Response: 483889
Conc: 3.31 ug/ml



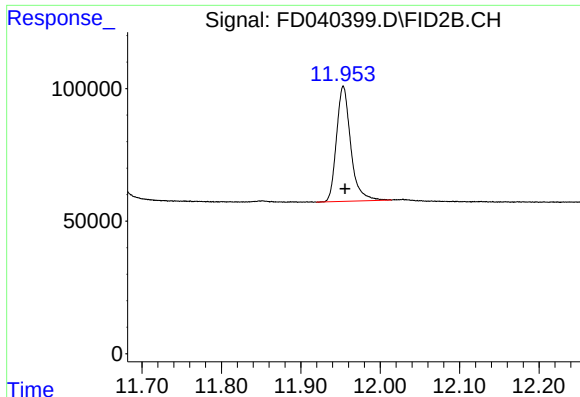
#11 ortho-Terphenyl (SURR)

R.T.: 10.638 min
Delta R.T.: 0.003 min
Response: 6643684
Conc: 42.51 ug/ml



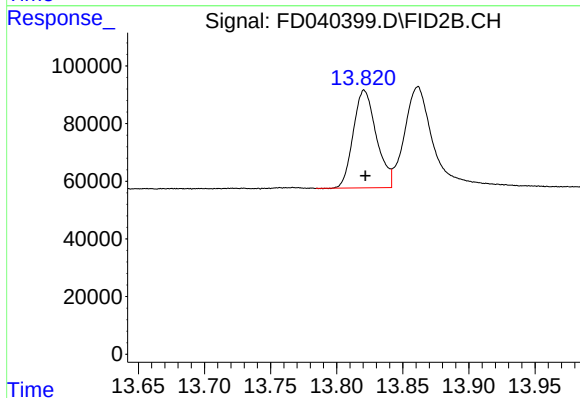
#12 Fluoranthene (C21.85)

R.T.: 11.661 min
Delta R.T.: -0.002 min
Response: 508946
Conc: 3.28 ug/ml



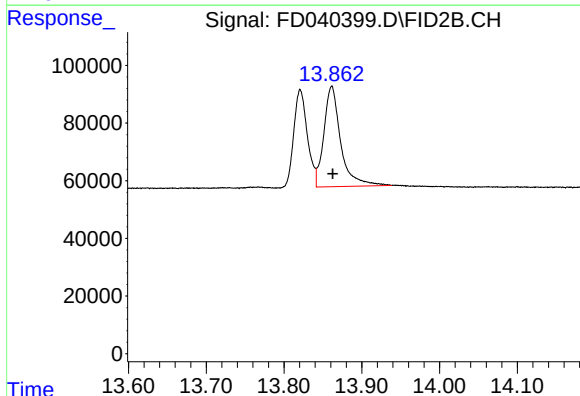
#13 Pyrene (C20.8)

R.T.: 11.954 min
Delta R.T.: -0.002 min
Response: 540326
Conc: 3.58 ug/ml



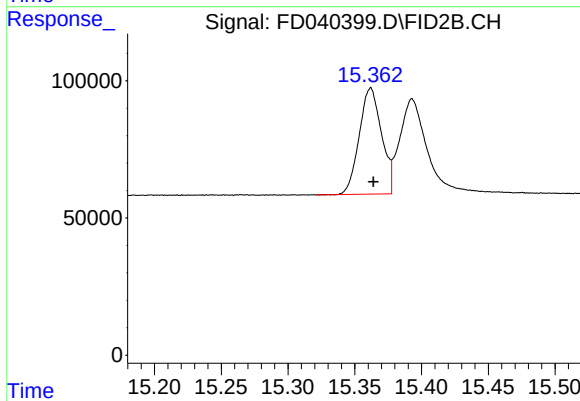
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.821 min
Delta R.T.: 0.000 min
Response: 411228
Conc: 3.10 ug/ml



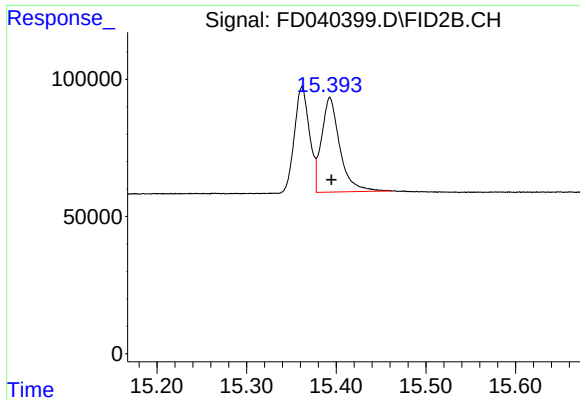
#15 Chrysene (C27.41)

R.T.: 13.861 min
Delta R.T.: -0.001 min
Response: 525635
Conc: 3.59 ug/ml



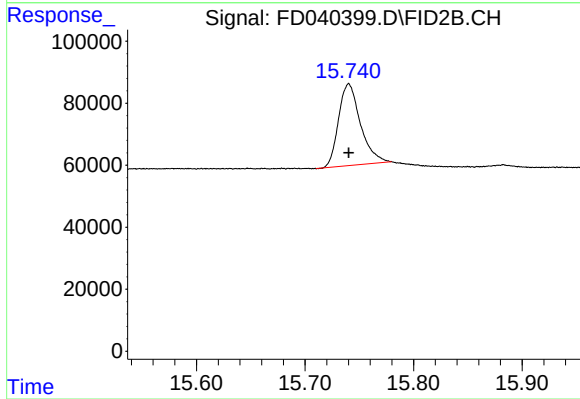
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.362 min
Delta R.T.: -0.002 min
Response: 448897
Conc: 3.29 ug/ml



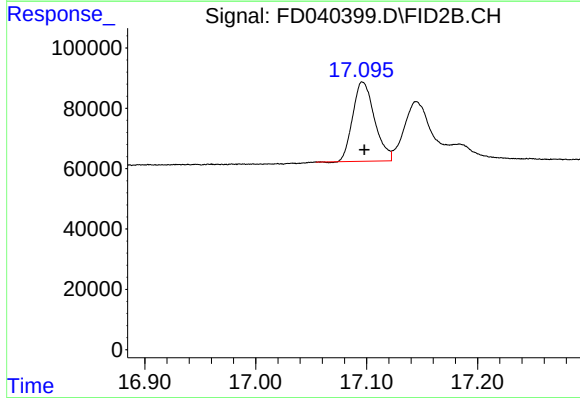
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.393 min
Delta R.T.: -0.002 min
Response: 489285
Conc: 3.53 ug/ml



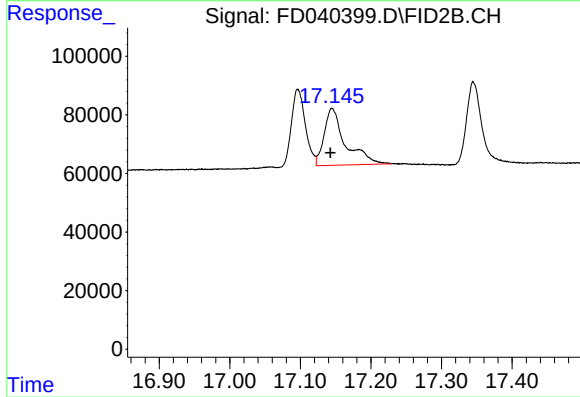
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.740 min
Delta R.T.: 0.000 min
Response: 370774
Conc: 2.84 ug/ml



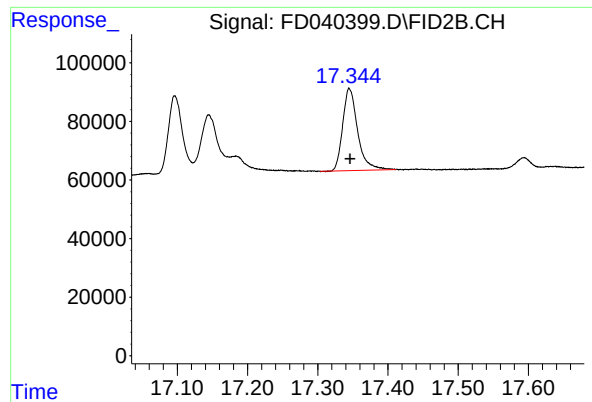
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.096 min
Delta R.T.: -0.002 min
Response: 359223
Conc: 2.95 ug/ml



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

R.T.: 17.145 min
Delta R.T.: 0.002 min
Response: 405900
Conc: 3.34 ug/ml



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

R.T.: 17.345 min
Delta R.T.: -0.001 min
Response: 414821
Conc: 3.23 ug/ml