

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010422AR\
 Data File : FD040400.D
 Signal(s) : FID2B.CH
 Acq On : 04 Jan 2022 23:37
 Operator : AJ\MA
 Sample : M4068-02
 Misc : LOQ SOIL 5PPM
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 05 01:20:39 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...	6.752	4603572	32.188 ug/ml
Spiked Amount 50.000		Recovery =	64.38%
6) S 2-Fluorobiphenyl (SURR)	7.600	3057905	32.113 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	64.23%
11) S ortho-Terphenyl (SURR)	10.639	7523642	48.142 ug/ml
Spiked Amount 50.000		Recovery =	96.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.607	556522	3.598 ug/ml
2) T Naphthalene (C11.7)	5.102	557911	3.486 ug/ml
3) T 2-Methylnaphthalene (...)	6.142	545758	3.362 ug/ml
5) T Acenaphthylene (C15.06)	7.403	550453	3.662 ug/ml
7) T Acenaphthene (C15.5)	7.696	640240	3.972 ug/ml
8) T Fluorene (C16.55)	8.474	507328	3.264 ug/ml
9) T Phenanthrene (C19.36)	9.860	497944	3.237 ug/ml
10) T Anthracene (C19.43)	9.935	474532	3.248 ug/ml
12) T Fluoranthene (C21.85)	11.661	508259	3.273 ug/ml
13) T Pyrene (C20.8)	11.954	518873	3.437 ug/ml
14) T Benzo[a]anthracene (C...	13.821	404923	3.052 ug/ml
15) T Chrysene (C27.41)	13.862	518860	3.548 ug/ml
16) T benzo[b]fluoranthene ...	15.361	445707	3.262 ug/ml
17) T Bnezo[k]fluoranthene ...	15.393	494904	3.575 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.740	364120	2.793 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.097	362620	2.976 ug/ml
20) T Dibenz[a,h]anthracene...	17.144	383423	3.152 ug/ml
21) T Benzo[g,h,i]perylene ...	17.346	404743	3.152 ug/ml

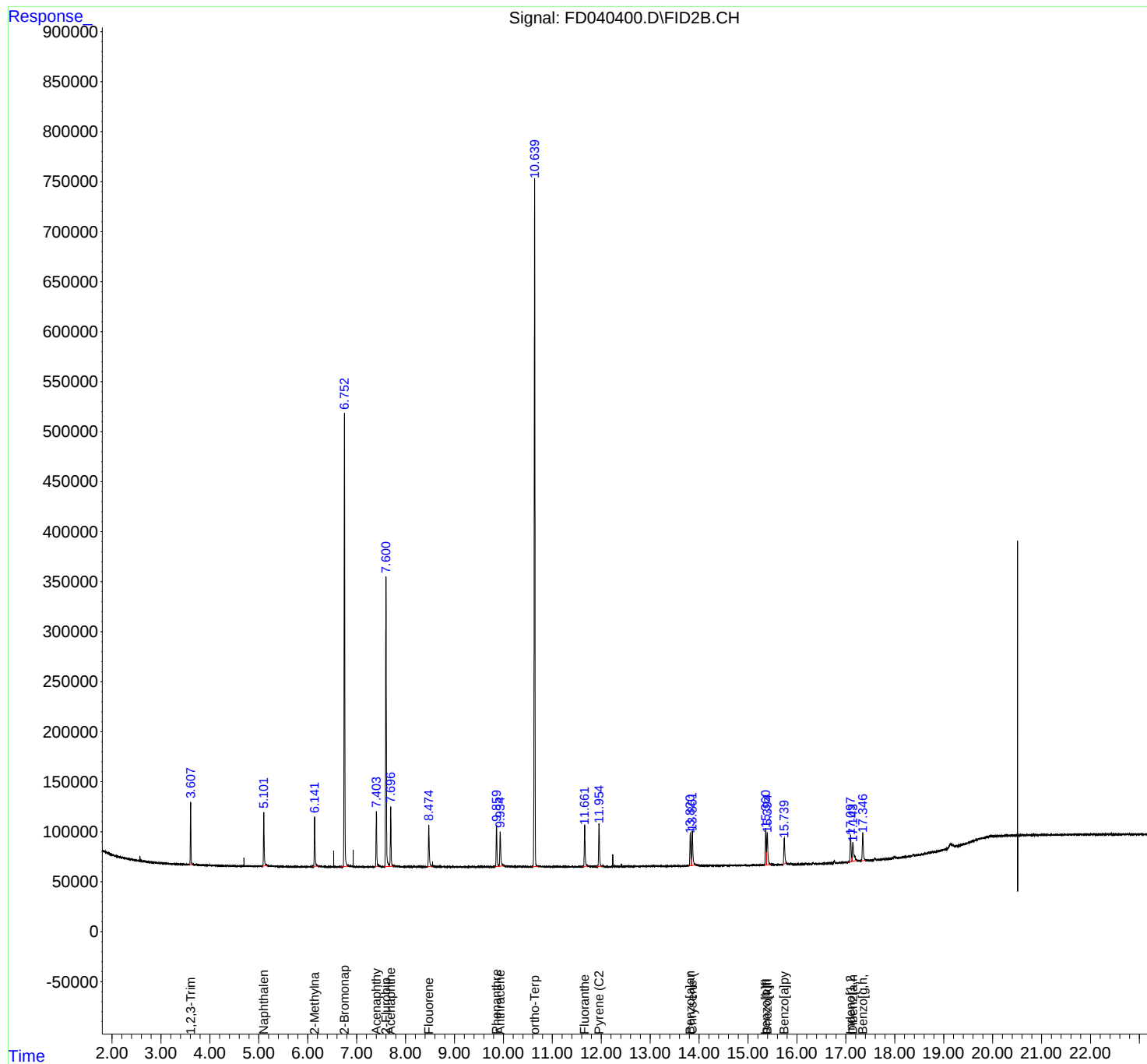
(f)=RT Delta > 1/2 Window

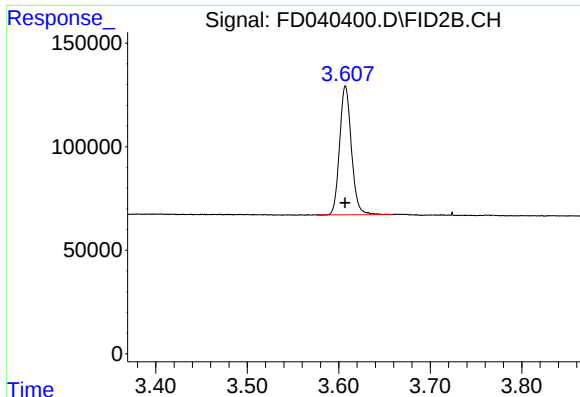
(m)=manual int.

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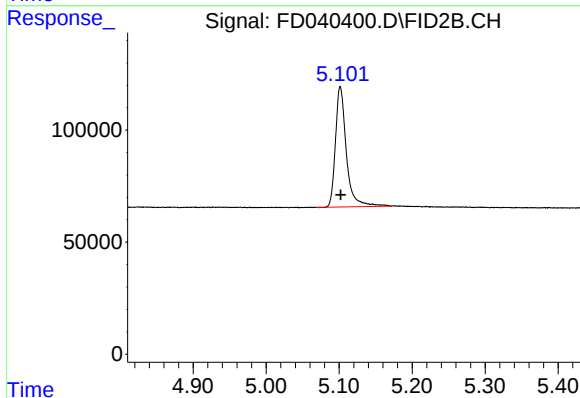
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Signal Info : 20M x 0.18mm x 0.18µm





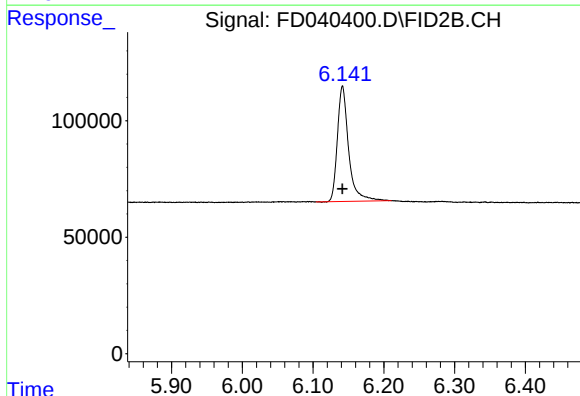
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.607 min
Delta R.T.: 0.000 min
Response: 556522
Conc: 3.60 ug/ml



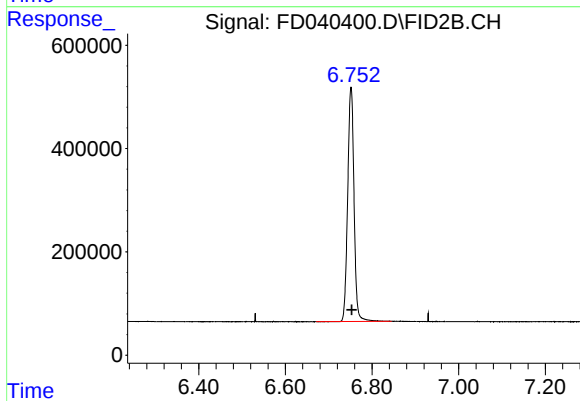
#2 Naphthalene (C11.7)

R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 557911
Conc: 3.49 ug/ml



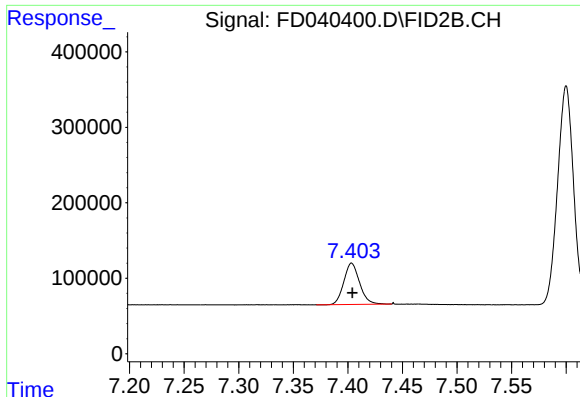
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 545758
Conc: 3.36 ug/ml



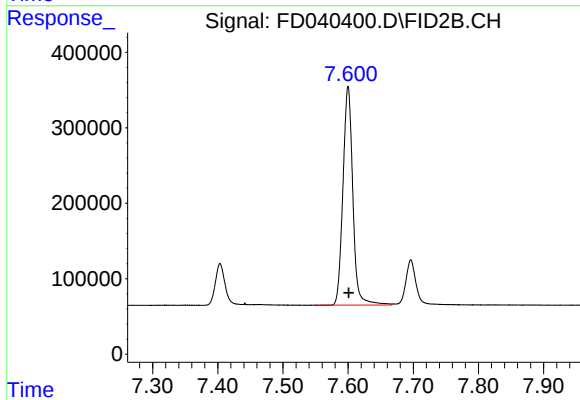
#4 2-Bromonaphthalene (SURR)

R.T.: 6.752 min
Delta R.T.: -0.001 min
Response: 4603572
Conc: 32.19 ug/ml



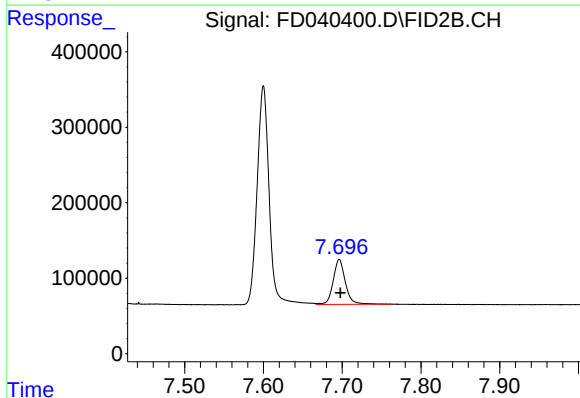
#5 Acenaphthylene (C15.06)

R.T.: 7.403 min
Delta R.T.: 0.000 min
Response: 550453
Conc: 3.66 ug/ml



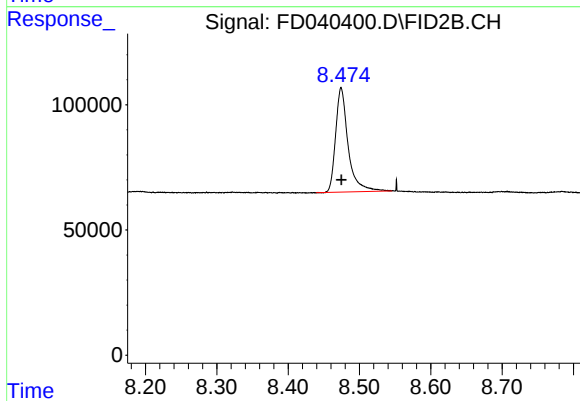
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 3057905
Conc: 32.11 ug/ml



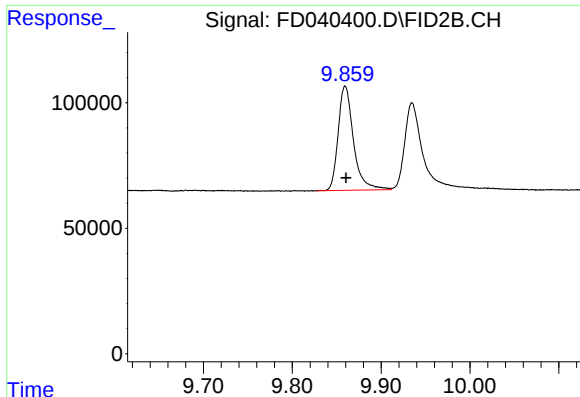
#7 Acenaphthene (C15.5)

R.T.: 7.696 min
Delta R.T.: -0.001 min
Response: 640240
Conc: 3.97 ug/ml



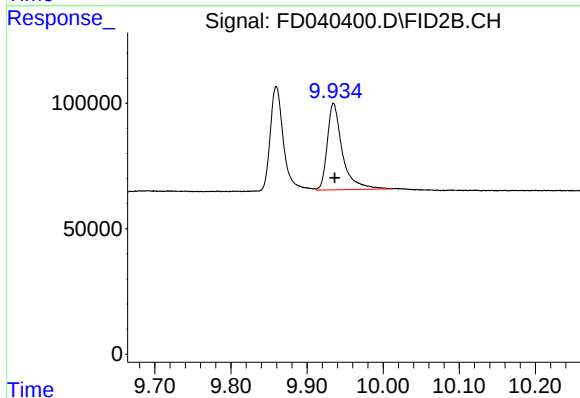
#8 Fluorene (C16.55)

R.T.: 8.474 min
Delta R.T.: 0.000 min
Response: 507328
Conc: 3.26 ug/ml



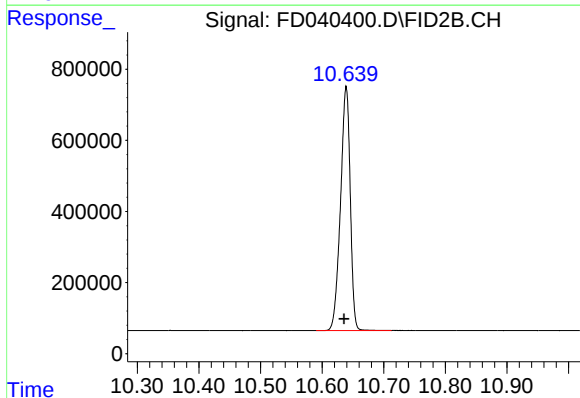
#9 Phenanthrene (C19.36)

R.T.: 9.860 min
Delta R.T.: 0.000 min
Response: 497944
Conc: 3.24 ug/ml



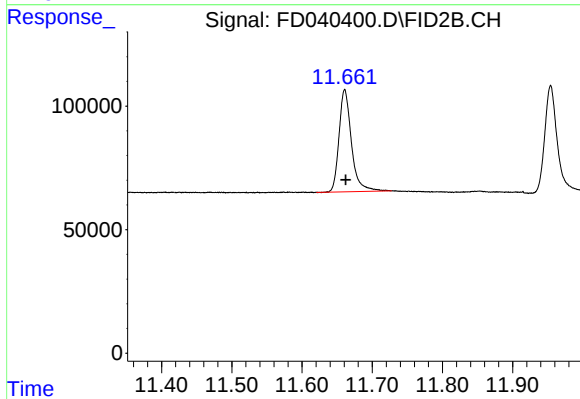
#10 Anthracene (C19.43)

R.T.: 9.935 min
Delta R.T.: -0.001 min
Response: 474532
Conc: 3.25 ug/ml



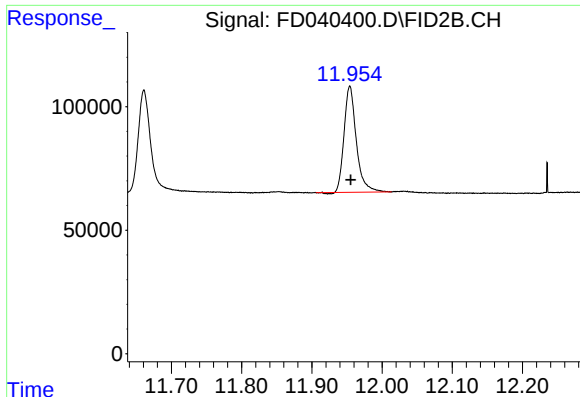
#11 ortho-Terphenyl (SURR)

R.T.: 10.639 min
Delta R.T.: 0.003 min
Response: 7523642
Conc: 48.14 ug/ml



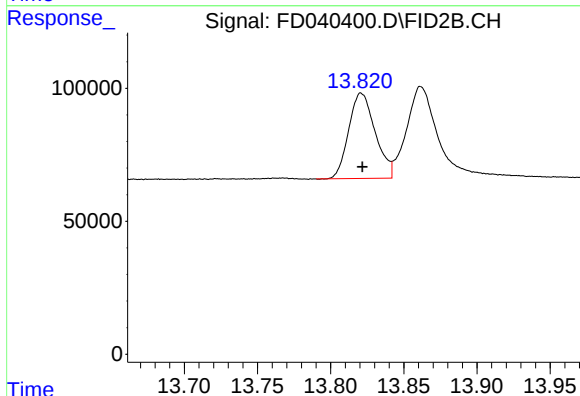
#12 Fluoranthene (C21.85)

R.T.: 11.661 min
Delta R.T.: -0.002 min
Response: 508259
Conc: 3.27 ug/ml



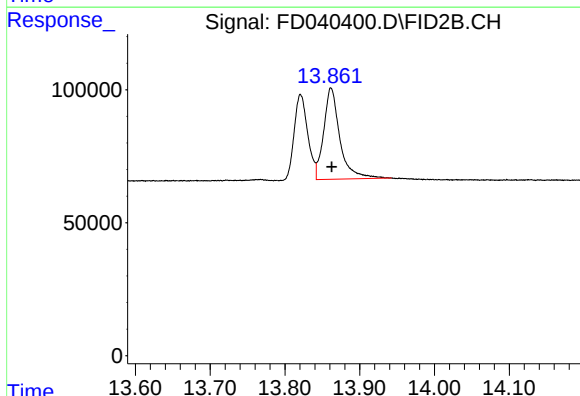
#13 Pyrene (C20.8)

R.T.: 11.954 min
Delta R.T.: -0.001 min
Response: 518873
Conc: 3.44 ug/ml



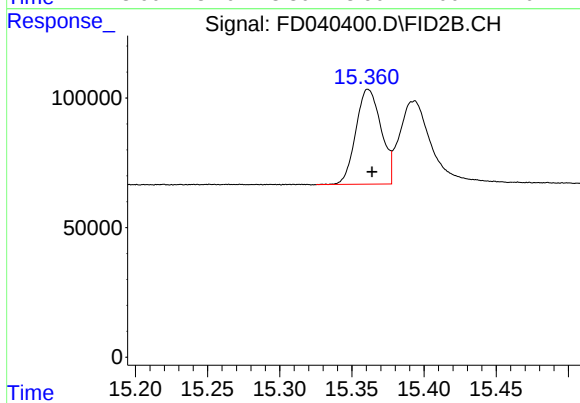
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.821 min
Delta R.T.: -0.001 min
Response: 404923
Conc: 3.05 ug/ml



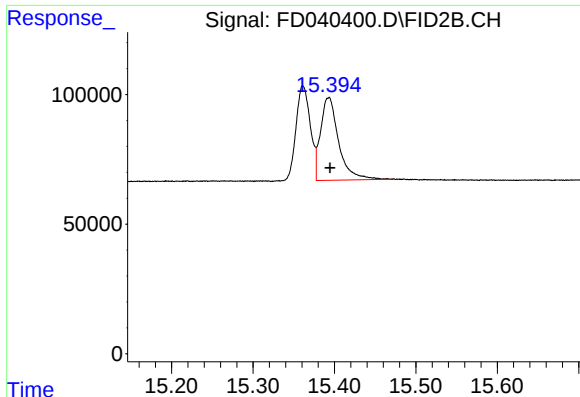
#15 Chrysene (C27.41)

R.T.: 13.862 min
Delta R.T.: -0.001 min
Response: 518860
Conc: 3.55 ug/ml



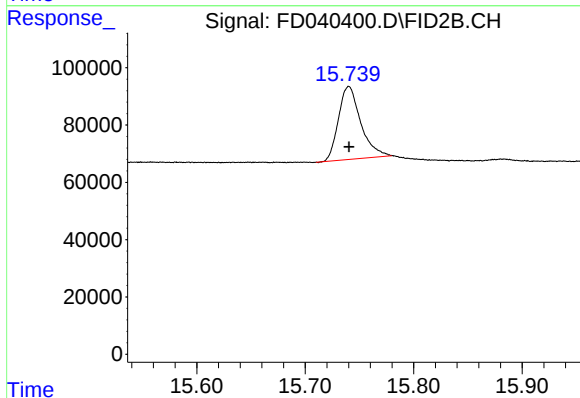
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.361 min
Delta R.T.: -0.003 min
Response: 445707
Conc: 3.26 ug/ml



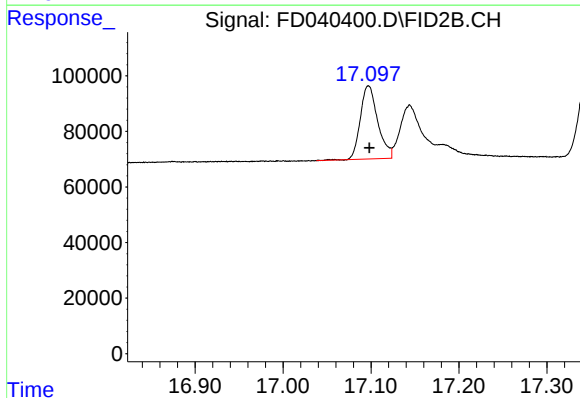
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.393 min
Delta R.T.: -0.002 min
Response: 494904
Conc: 3.58 ug/ml



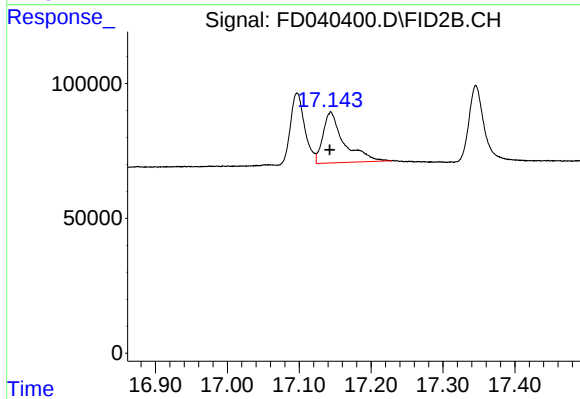
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.740 min
Delta R.T.: 0.000 min
Response: 364120
Conc: 2.79 ug/ml



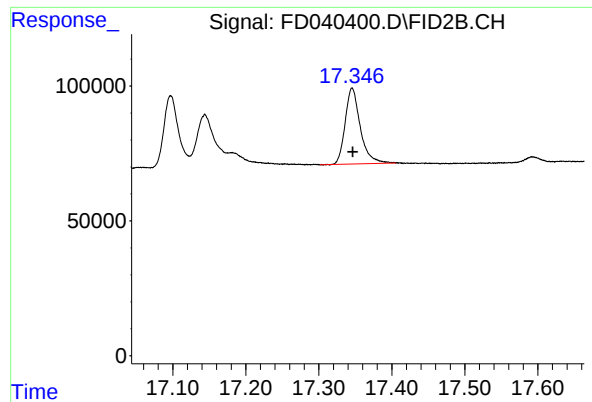
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.097 min
Delta R.T.: 0.000 min
Response: 362620
Conc: 2.98 ug/ml



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

R.T.: 17.144 min
Delta R.T.: 0.001 min
Response: 383423
Conc: 3.15 ug/ml



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

R.T.: 17.346 min
Delta R.T.: 0.000 min
Response: 404743
Conc: 3.15 ug/ml