

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080321AR\
 Data File : FD038400.D
 Signal(s) : FID2B.CH
 Acq On : 04 Aug 2021 1:53
 Operator : AJ\MA
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 04 10:57:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 10:56:20 2021
 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...	7.478	666955	5.263 ug/ml
Spiked Amount 50.000		Recovery =	10.53%
6) S 2-Fluorobiphenyl (SURR)	8.339	424568	4.890 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.78%
11) S ortho-Terphenyl (SURR)	11.369	774572	5.400 ug/ml
Spiked Amount 50.000		Recovery =	10.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.286	727023	5.184 ug/ml
2) T Naphthalene (C11.7)	5.818	724938	4.978 ug/ml
3) T 2-Methylnaphthalene (...)	6.868	741028	5.110 ug/ml
5) T Acenaphthylene (C15.06)	8.137	767391	5.315 ug/ml
7) T Acenaphthene (C15.5)	8.430	810248	5.413 ug/ml
8) T Fluorene (C16.55)	9.213	754087	5.292 ug/ml
9) T Phenanthrene (C19.36)	10.606	721156	5.109 ug/ml
10) T Anthracene (C19.43)	10.683	709379	5.189 ug/ml
12) T Fluoranthene (C21.85)	12.416	754671	5.373 ug/ml
13) T Pyrene (C20.8)	12.710	732256	5.227 ug/ml
14) T Benzo[a]anthracene (C...	14.583	633123	4.945 ug/ml
15) T Chrysene (C27.41)	14.625	789904	5.719 ug/ml
16) T benzo[b]fluoranthene ...	16.134	629426	5.033 ug/ml
17) T Bnezo[k]fluoranthene ...	16.165	757162	5.743 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.518	639983	5.355 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.884	554771	5.035 ug/ml
20) T Dibenz[a,h]anthracene...	17.920	698980	5.679 ug/ml
21) T Benzo[g,h,i]perylene ...	18.135	617077	5.387 ug/ml

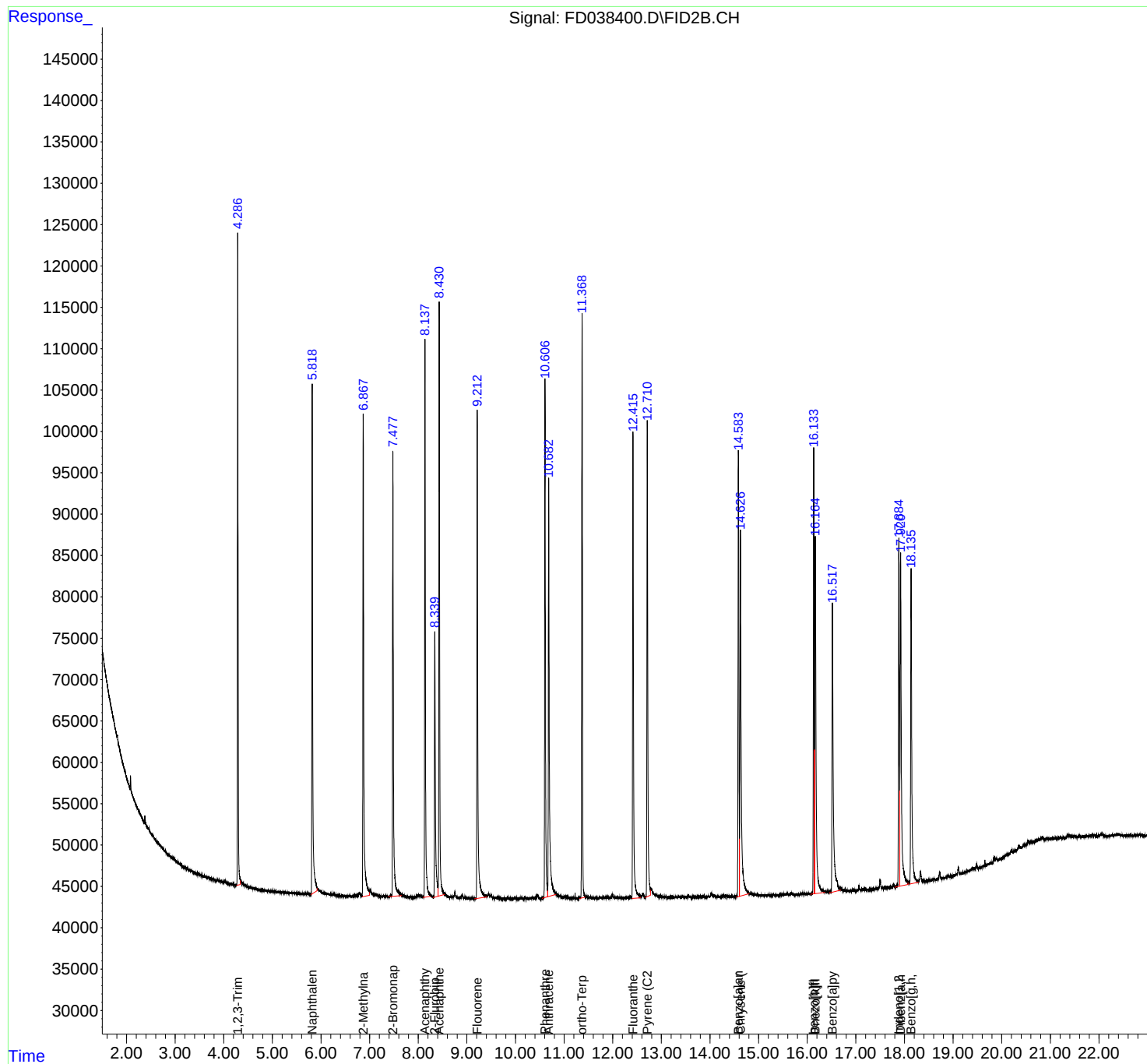
(f)=RT Delta > 1/2 Window

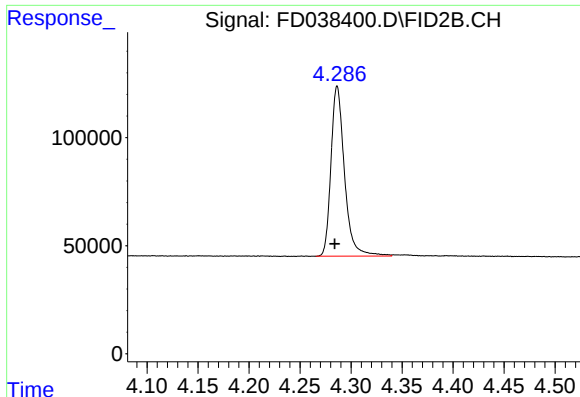
(m)=manual int.

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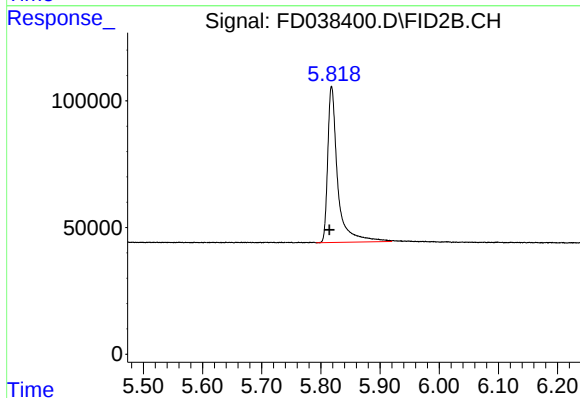
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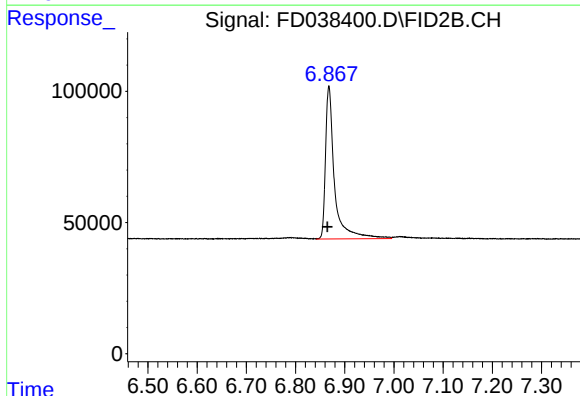
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.286 min
Delta R.T.: 0.002 min
Response: 727023
Conc: 5.18 ug/ml



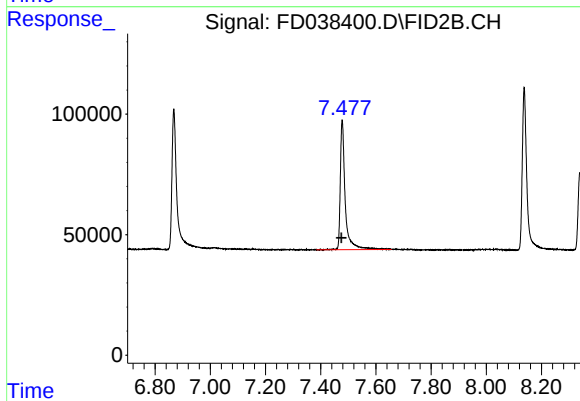
#2 Naphthalene (C11.7)

R.T.: 5.818 min
Delta R.T.: 0.004 min
Response: 724938
Conc: 4.98 ug/ml



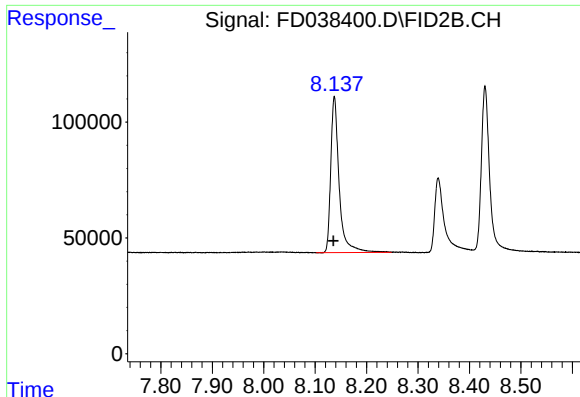
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.868 min
Delta R.T.: 0.003 min
Response: 741028
Conc: 5.11 ug/ml



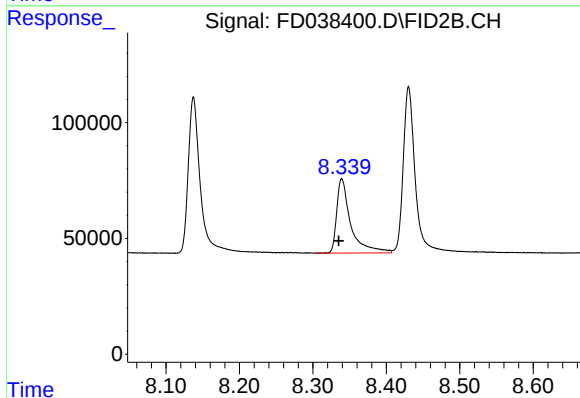
#4 2-Bromonaphthalene (SURR)

R.T.: 7.478 min
Delta R.T.: 0.002 min
Response: 666955
Conc: 5.26 ug/ml



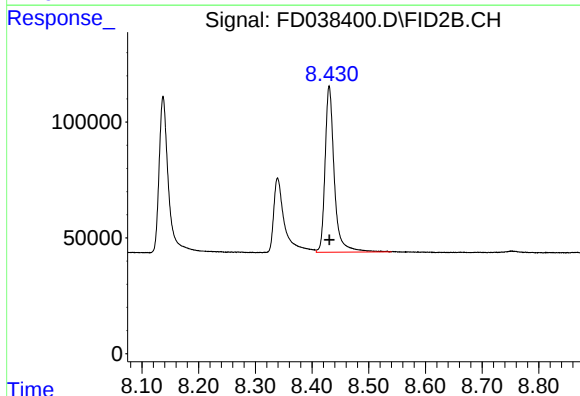
#5 Acenaphthylene (C15.06)

R.T.: 8.137 min
Delta R.T.: 0.001 min
Response: 767391
Conc: 5.31 ug/ml



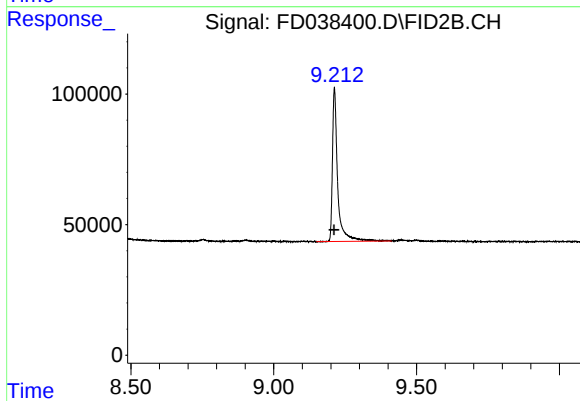
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.339 min
Delta R.T.: 0.004 min
Response: 424568
Conc: 4.89 ug/ml



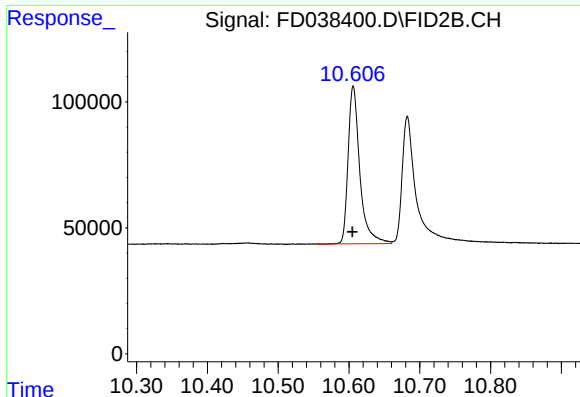
#7 Acenaphthene (C15.5)

R.T.: 8.430 min
Delta R.T.: 0.000 min
Response: 810248
Conc: 5.41 ug/ml



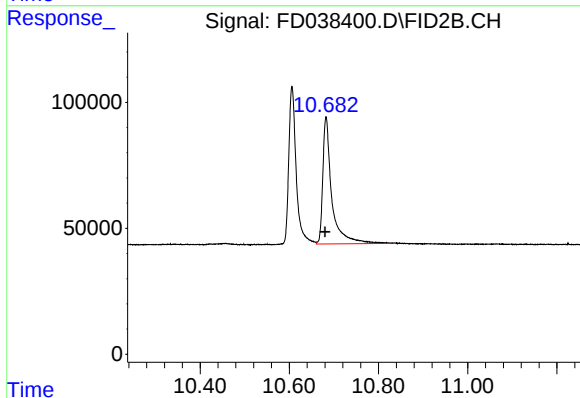
#8 Fluorene (C16.55)

R.T.: 9.213 min
Delta R.T.: 0.001 min
Response: 754087
Conc: 5.29 ug/ml



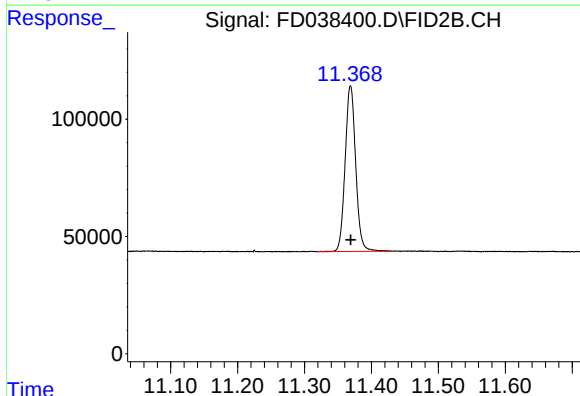
#9 Phenanthrene (C19.36)

R.T.: 10.606 min
Delta R.T.: 0.001 min
Response: 721156
Conc: 5.11 ug/ml



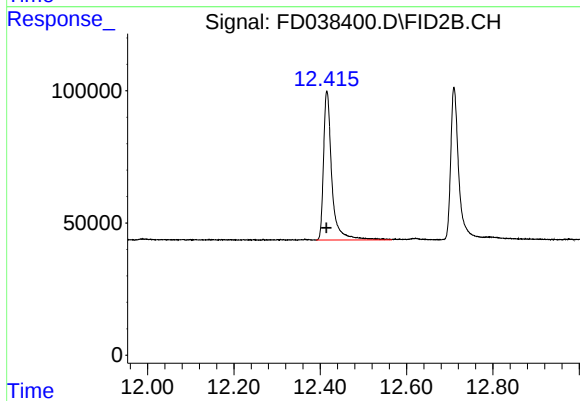
#10 Anthracene (C19.43)

R.T.: 10.683 min
Delta R.T.: 0.003 min
Response: 709379
Conc: 5.19 ug/ml



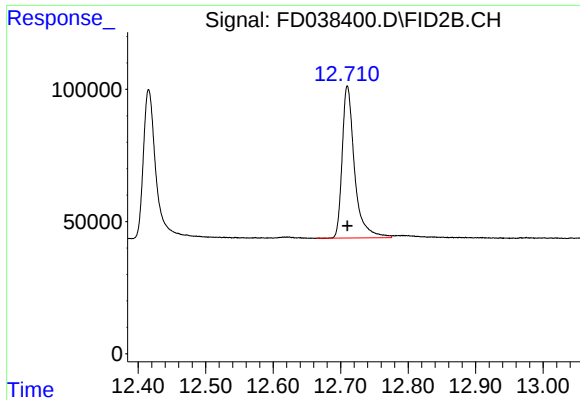
#11 ortho-Terphenyl (SURR)

R.T.: 11.369 min
Delta R.T.: 0.000 min
Response: 774572
Conc: 5.40 ug/ml



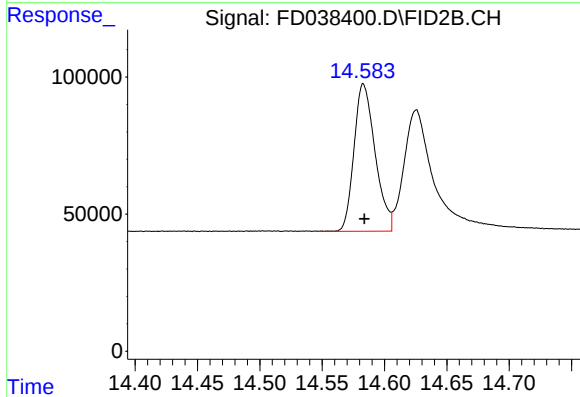
#12 Fluoranthene (C21.85)

R.T.: 12.416 min
Delta R.T.: 0.001 min
Response: 754671
Conc: 5.37 ug/ml



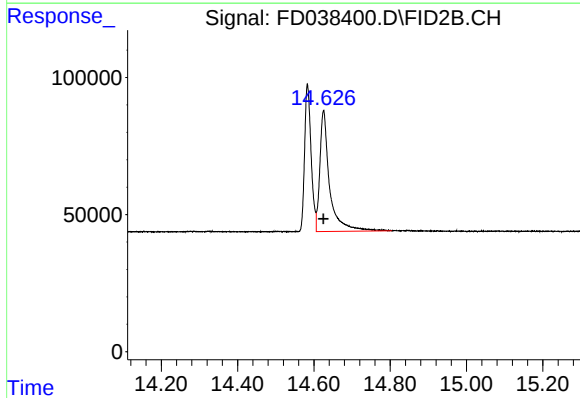
#13 Pyrene (C20.8)

R.T.: 12.710 min
Delta R.T.: 0.000 min
Response: 732256
Conc: 5.23 ug/ml



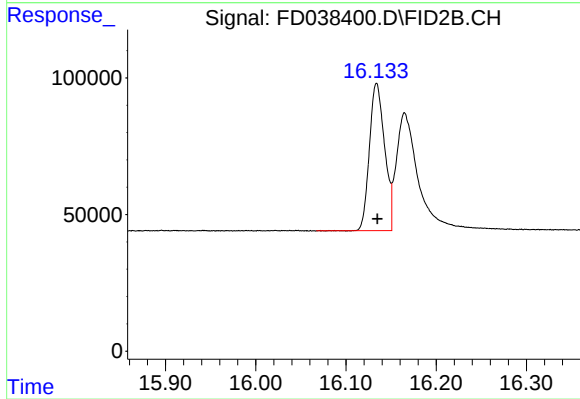
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.583 min
Delta R.T.: 0.000 min
Response: 633123
Conc: 4.94 ug/ml



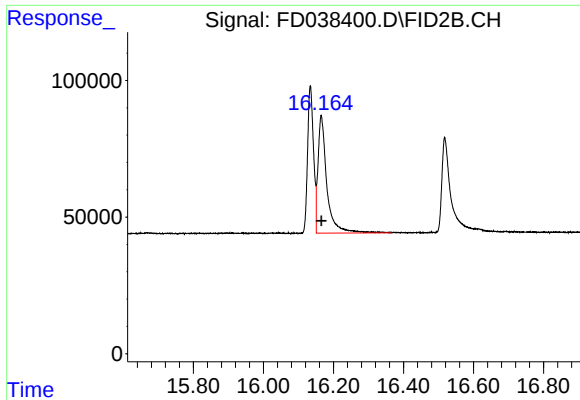
#15 Chrysene (C27.41)

R.T.: 14.625 min
Delta R.T.: 0.000 min
Response: 789904
Conc: 5.72 ug/ml



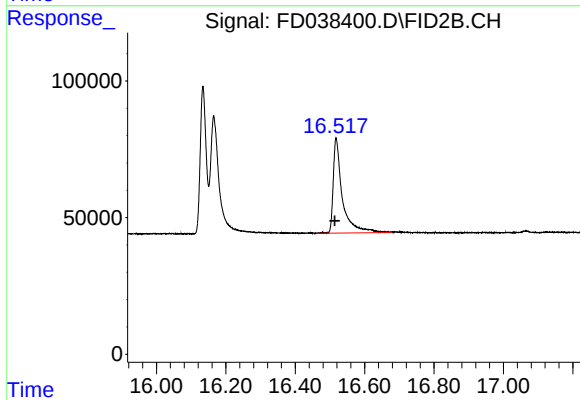
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.134 min
Delta R.T.: -0.001 min
Response: 629426
Conc: 5.03 ug/ml



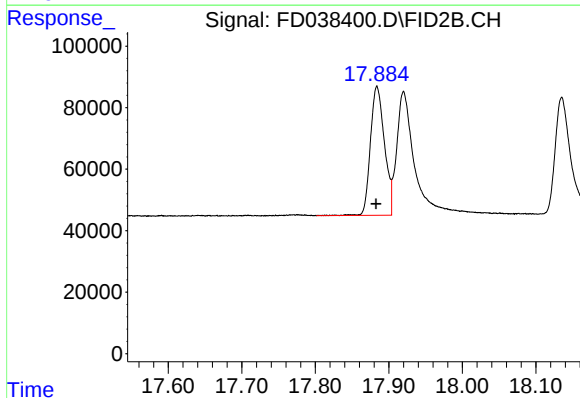
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.165 min
Delta R.T.: -0.001 min
Response: 757162
Conc: 5.74 ug/ml



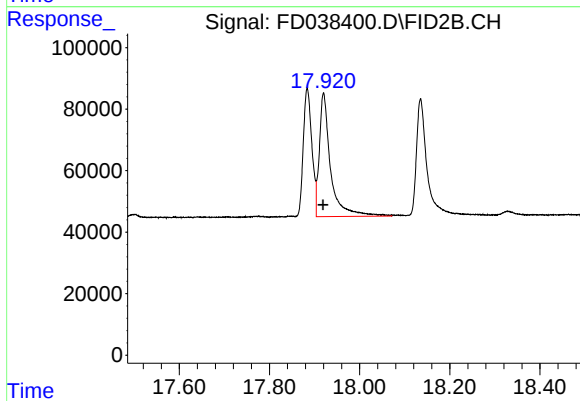
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.518 min
Delta R.T.: 0.004 min
Response: 639983
Conc: 5.35 ug/ml



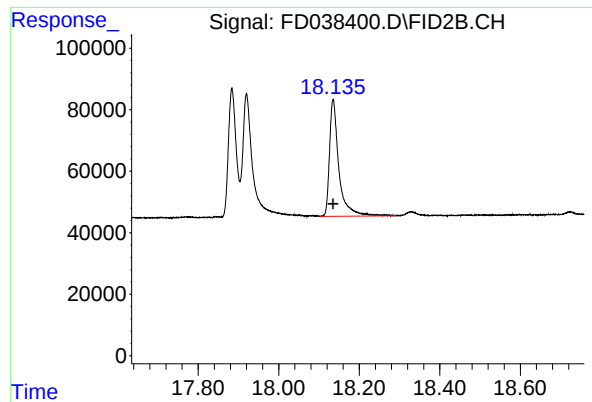
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.884 min
Delta R.T.: 0.001 min
Response: 554771
Conc: 5.04 ug/ml



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

R.T.: 17.920 min
Delta R.T.: 0.001 min
Response: 698980
Conc: 5.68 ug/ml



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

R.T.: 18.135 min
Delta R.T.: 0.000 min
Response: 617077
Conc: 5.39 ug/ml