

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122021AR\
 Data File : FD040073.D
 Signal(s) : FID2B.CH
 Acq On : 21 Dec 2021 5:55
 Operator : AJ\MA
 Sample : M5092-04MSD
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 21 08:07:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122021.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 21 03:16:39 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...	6.853	7731176	57.930 ug/ml
Spiked Amount 50.000		Recovery =	115.86%
6) S 2-Fluorobiphenyl (SURR)	7.707	5272252	58.594 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	117.19%
11) S ortho-Terphenyl (SURR)	10.748	7422113	53.936 ug/ml
Spiked Amount 50.000		Recovery =	107.87%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.694	5611905	38.746 ug/mlm
2) T Naphthalene (C11.7)	5.198	6823569	45.111 ug/ml
3) T 2-Methylnaphthalene (...)	6.243	7629393	50.305 ug/ml
5) T Acenaphthylene (C15.06)	7.512	7930280	57.490 ug/ml
7) T Acenaphthene (C15.5)	7.807	8058413	55.107 ug/ml
8) T Fluorene (C16.55)	8.585	7986335	55.624 ug/ml
9) T Phenanthrene (C19.36)	9.976	8111123	58.127 ug/ml
10) T Anthracene (C19.43)	10.051	8898093	66.388 ug/ml
12) T Fluoranthene (C21.85)	11.785	7899296	58.283 ug/ml
13) T Pyrene (C20.8)	12.080	7511720	57.100 ug/ml
14) T Benzo[a]anthracene (C...	13.951	7033078	58.282 ug/ml
15) T Chrysene (C27.41)	13.995	6919187	54.943 ug/ml
16) T benzo[b]fluoranthene ...	15.500	7062469	57.365 ug/ml
17) T Bnezo[k]fluoranthene ...	15.535	6625237	54.339 ug/mlm
18) T Benzo[a]pyrene (C31.34)	15.874	10528732	87.399 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.230	11897701	100.791 ug/mlm
20) T Dibenz[a,h]anthracene...	17.296	9378928	80.925 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.418	11106803	92.022 ug/mlm

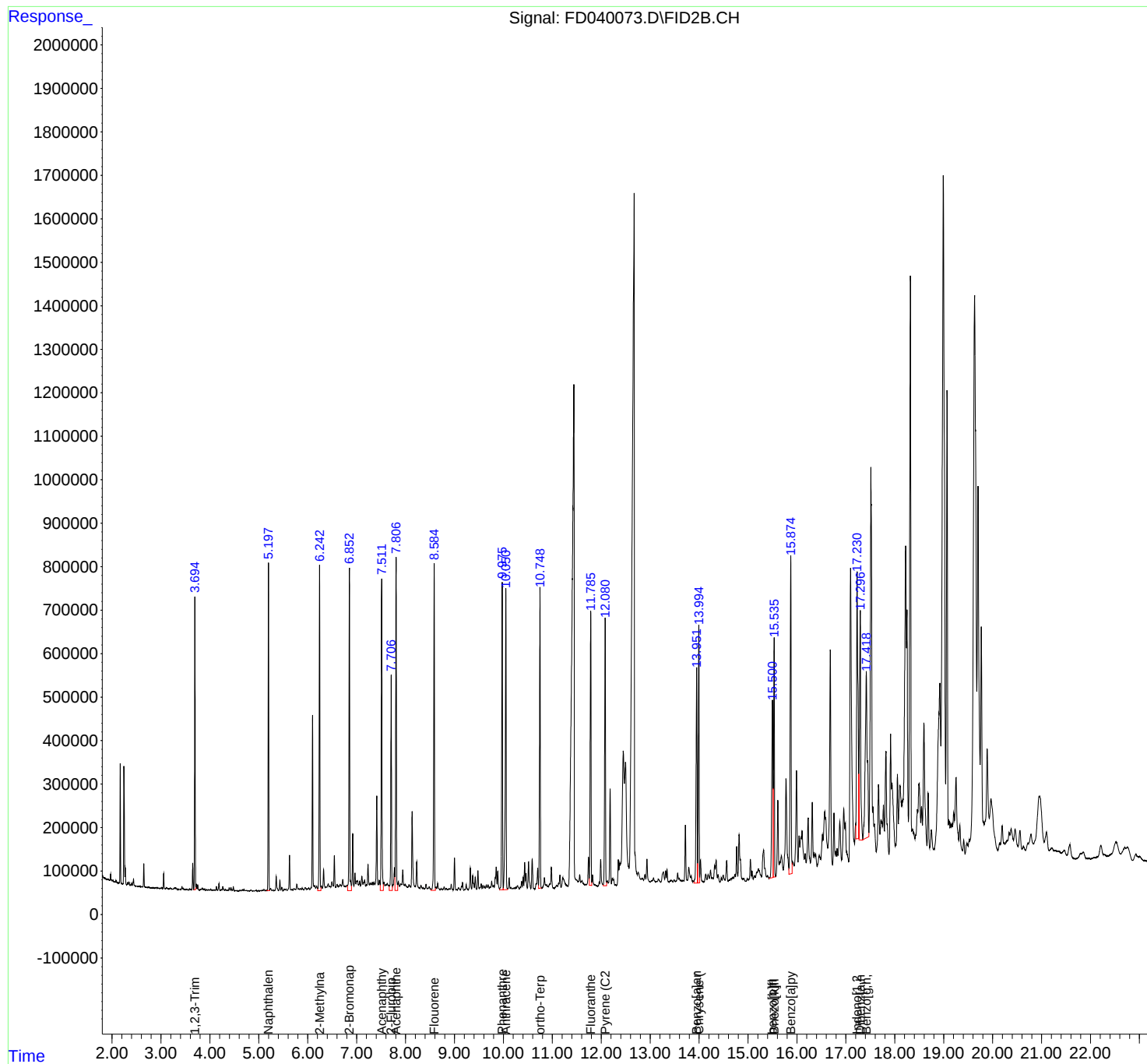
(f)=RT Delta > 1/2 Window

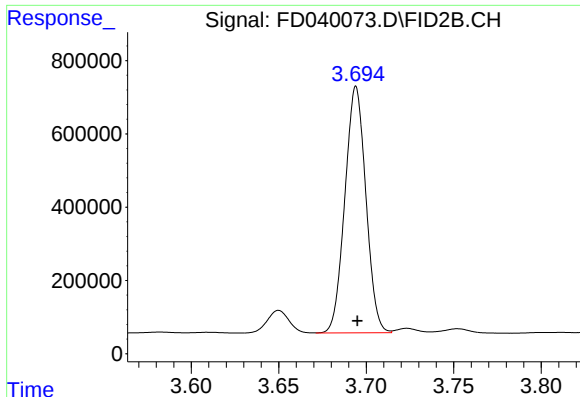
(m)=manual int.

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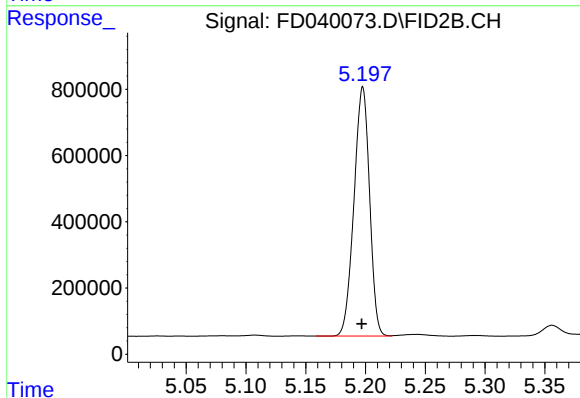
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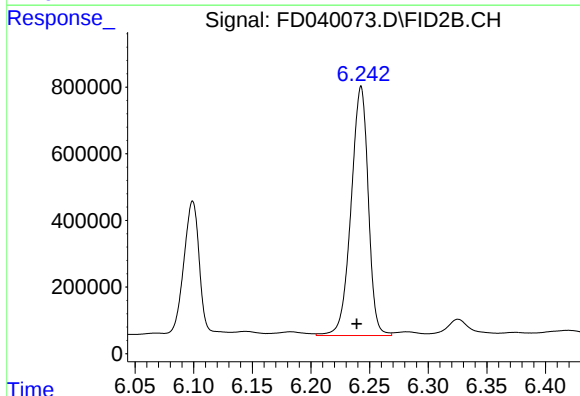
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.694 min
Delta R.T.: -0.001 min
Response: 5611905
Conc: 38.75 ug/ml m



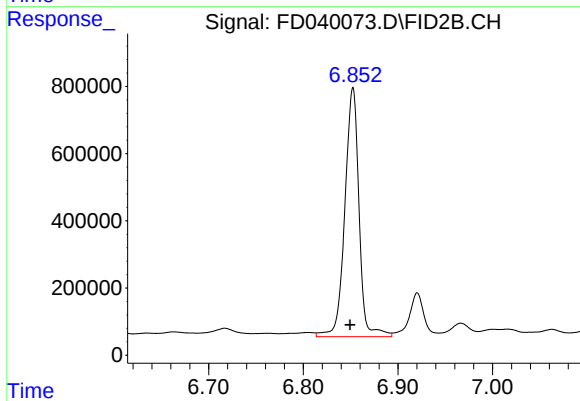
#2 Naphthalene (C11.7)

R.T.: 5.198 min
Delta R.T.: 0.000 min
Response: 6823569
Conc: 45.11 ug/ml



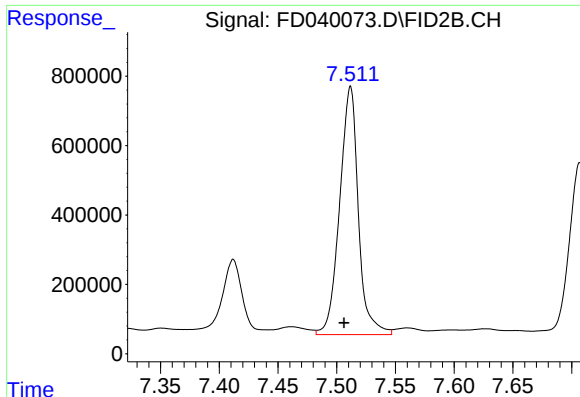
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.243 min
Delta R.T.: 0.004 min
Response: 7629393
Conc: 50.30 ug/ml



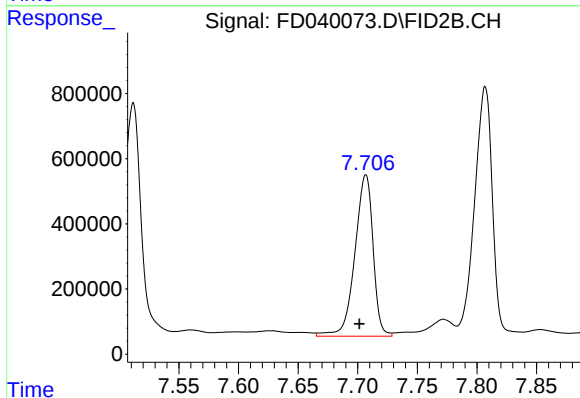
#4 2-Bromonaphthalene (SURR)

R.T.: 6.853 min
Delta R.T.: 0.003 min
Response: 7731176
Conc: 57.93 ug/ml



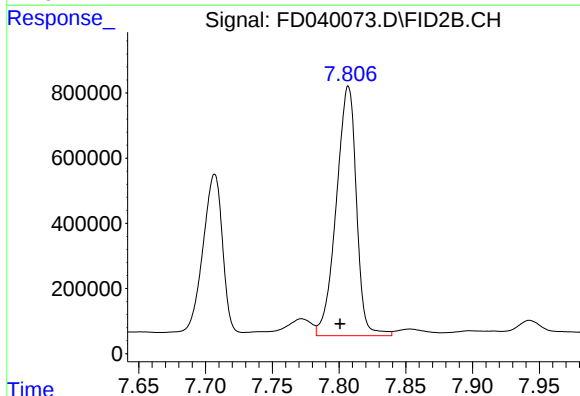
#5 Acenaphthylene (C15.06)

R.T.: 7.512 min
Delta R.T.: 0.006 min
Response: 7930280
Conc: 57.49 ug/ml



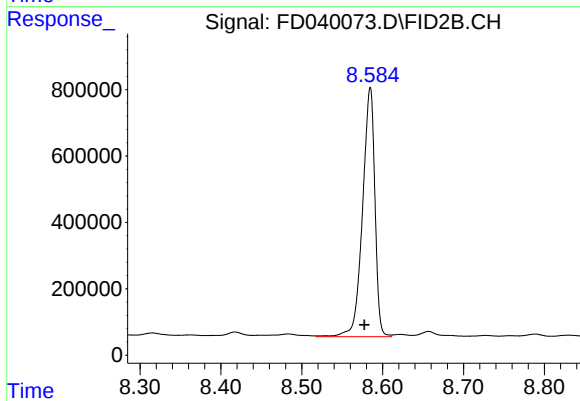
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.707 min
Delta R.T.: 0.005 min
Response: 5272252
Conc: 58.59 ug/ml



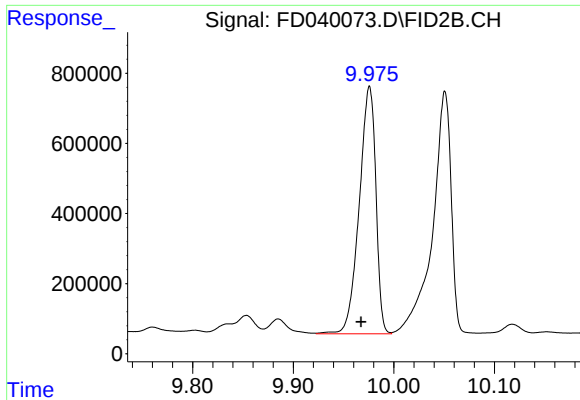
#7 Acenaphthene (C15.5)

R.T.: 7.807 min
Delta R.T.: 0.006 min
Response: 8058413
Conc: 55.11 ug/ml



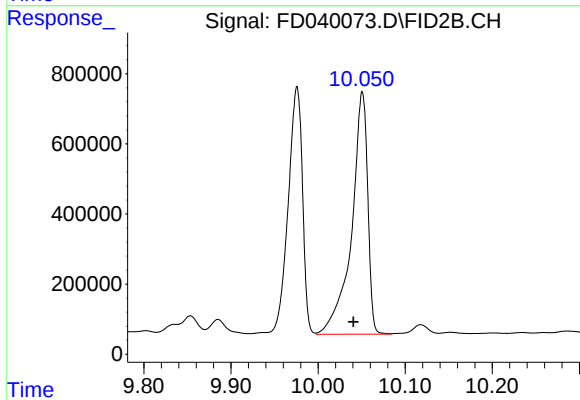
#8 Flouorene (C16.55)

R.T.: 8.585 min
Delta R.T.: 0.007 min
Response: 7986335
Conc: 55.62 ug/ml



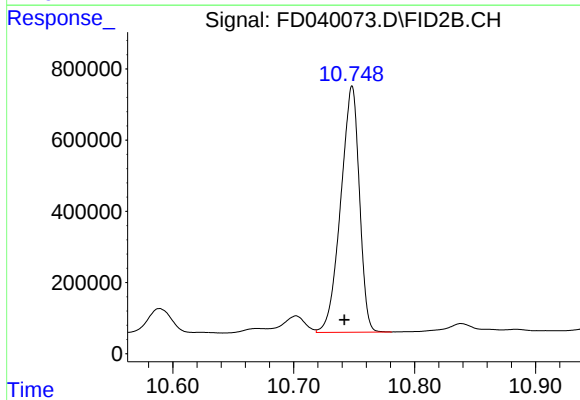
#9 Phenanthrene (C19.36)

R.T.: 9.976 min
Delta R.T.: 0.008 min
Response: 8111123
Conc: 58.13 ug/ml



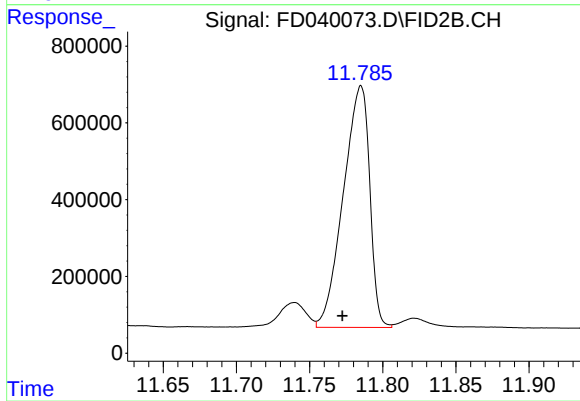
#10 Anthracene (C19.43)

R.T.: 10.051 min
Delta R.T.: 0.010 min
Response: 8898093
Conc: 66.39 ug/ml



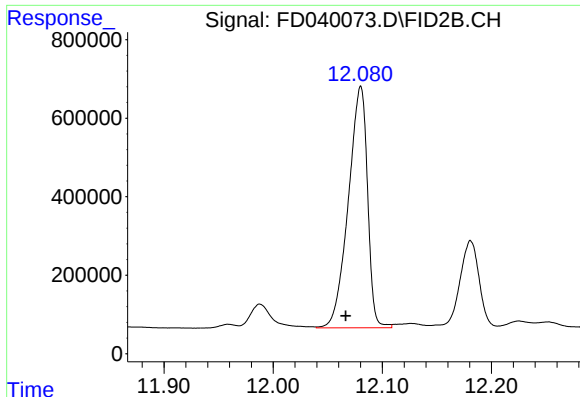
#11 ortho-Terphenyl (SURR)

R.T.: 10.748 min
Delta R.T.: 0.006 min
Response: 7422113
Conc: 53.94 ug/ml



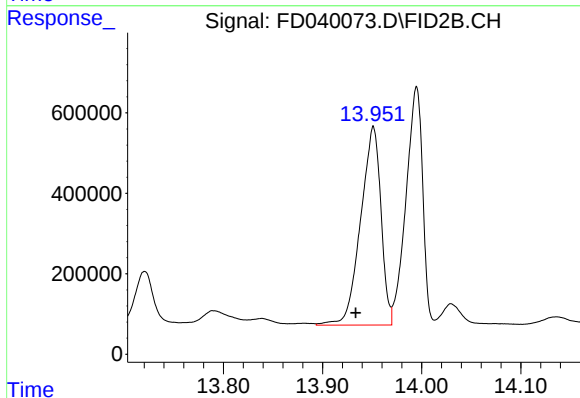
#12 Fluoranthene (C21.85)

R.T.: 11.785 min
Delta R.T.: 0.013 min
Response: 7899296
Conc: 58.28 ug/ml



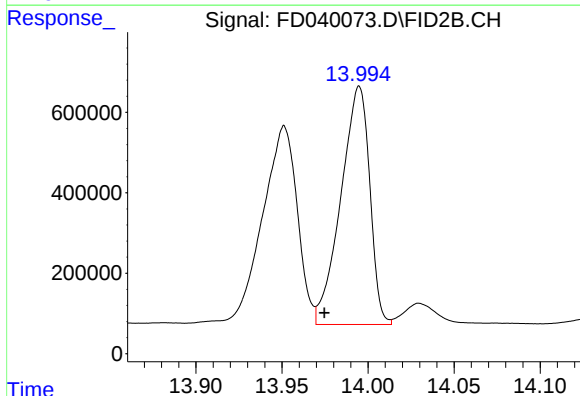
#13 Pyrene (C20.8)

R.T.: 12.080 min
Delta R.T.: 0.014 min
Response: 7511720
Conc: 57.10 ug/ml



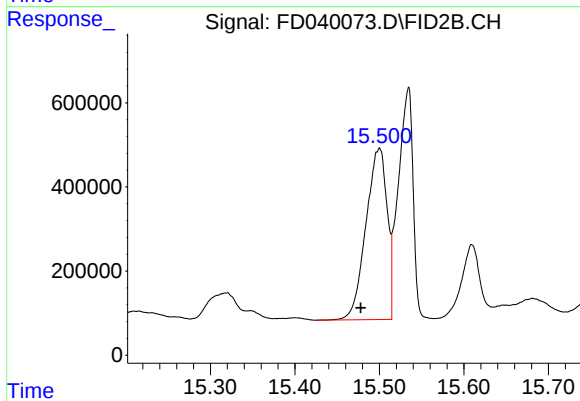
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.951 min
Delta R.T.: 0.018 min
Response: 7033078
Conc: 58.28 ug/ml



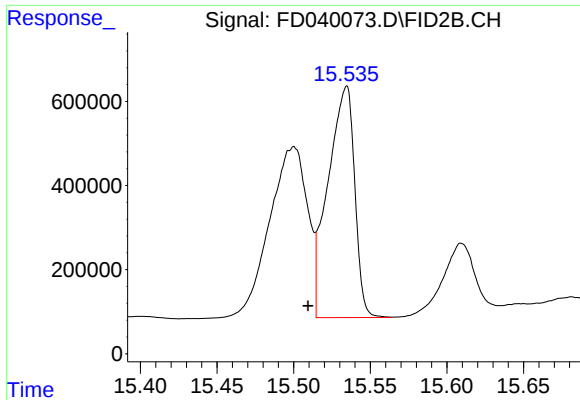
#15 Chrysene (C27.41)

R.T.: 13.995 min
Delta R.T.: 0.020 min
Response: 6919187
Conc: 54.94 ug/ml



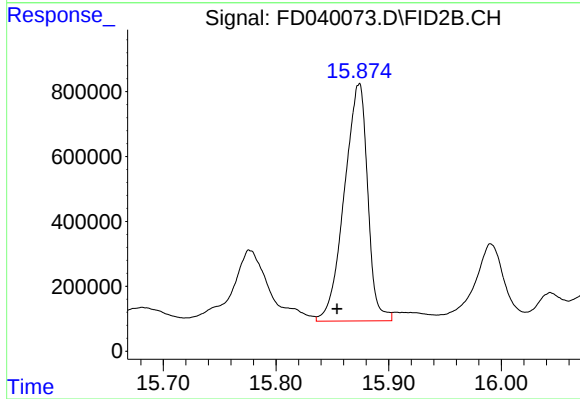
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.500 min
Delta R.T.: 0.022 min
Response: 7062469
Conc: 57.36 ug/ml



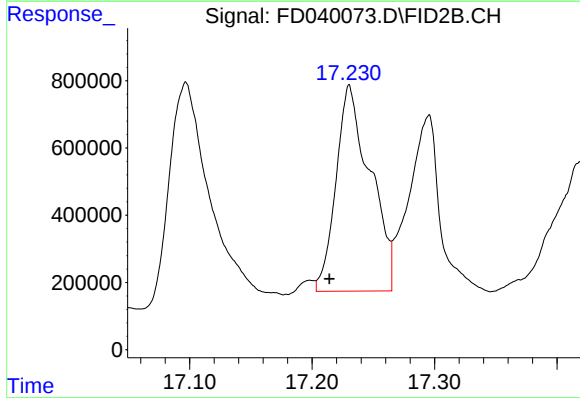
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.535 min
Delta R.T.: 0.025 min
Response: 6625237
Conc: 54.34 ug/ml m



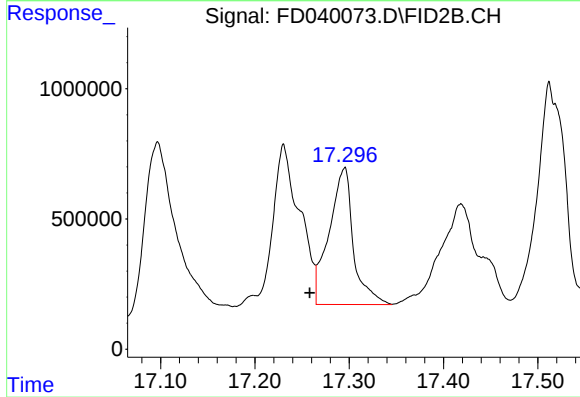
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.874 min
Delta R.T.: 0.020 min
Response: 10528732
Conc: 87.40 ug/ml



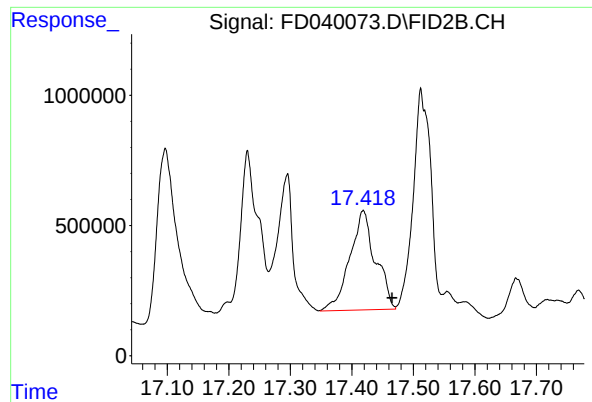
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.230 min
Delta R.T.: 0.016 min
Response: 11897701
Conc: 100.79 ug/ml m



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

R.T.: 17.296 min
Delta R.T.: 0.037 min
Response: 9378928
Conc: 80.93 ug/ml m



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

R.T.: 17.418 min
Delta R.T.: -0.047 min
Response: 11106803
Conc: 92.02 ug/ml m