

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122021AR\
 Data File : FD040072.D
 Signal(s) : FID2B.CH
 Acq On : 21 Dec 2021 5:22
 Operator : AJ\MA
 Sample : M5092-04MS
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 21 05:41:58 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...	6.852	7347244	55.053 ug/ml
Spiked Amount 50.000		Recovery =	110.11%
6) S 2-Fluorobiphenyl (SURR)	7.706	4976069	55.302 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	110.60%
11) S ortho-Terphenyl (SURR)	10.747	7520634	54.652 ug/ml
Spiked Amount 50.000		Recovery =	109.30%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.693	5519861	38.110 ug/ml
2) T Naphthalene (C11.7)	5.197	6918341	45.737 ug/ml
3) T 2-Methylnaphthalene (...)	6.242	7567202	49.895 ug/ml
5) T Acenaphthylene (C15.06)	7.511	7577682	54.934 ug/ml
7) T Acenaphthene (C15.5)	7.806	7869559	53.816 ug/ml
8) T Fluorene (C16.55)	8.584	7960809	55.447 ug/ml
9) T Phenanthrene (C19.36)	9.975	8222888	58.928 ug/ml
10) T Anthracene (C19.43)	10.050	9050452	67.524 ug/ml
12) T Fluoranthene (C21.85)	11.784	8052164	59.411 ug/ml
13) T Pyrene (C20.8)	12.079	7615291	57.888 ug/ml
14) T Benzo[a]anthracene (C...	13.950	7063682	58.536 ug/ml
15) T Chrysene (C27.41)	13.995	7002793	55.607 ug/ml
16) T benzo[b]fluoranthene ...	15.499	7207107	58.540 ug/ml
17) T Bnezo[k]fluoranthene ...	15.499	7207107	59.111 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.873	10829273	89.894 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.229	13952021	118.194 ug/ml
20) T Dibenz[a,h]anthracene...	17.229	13952021	120.384 ug/ml
21) T Benzo[g,h,i]perylene ...	17.512	17217092	142.646 ug/ml

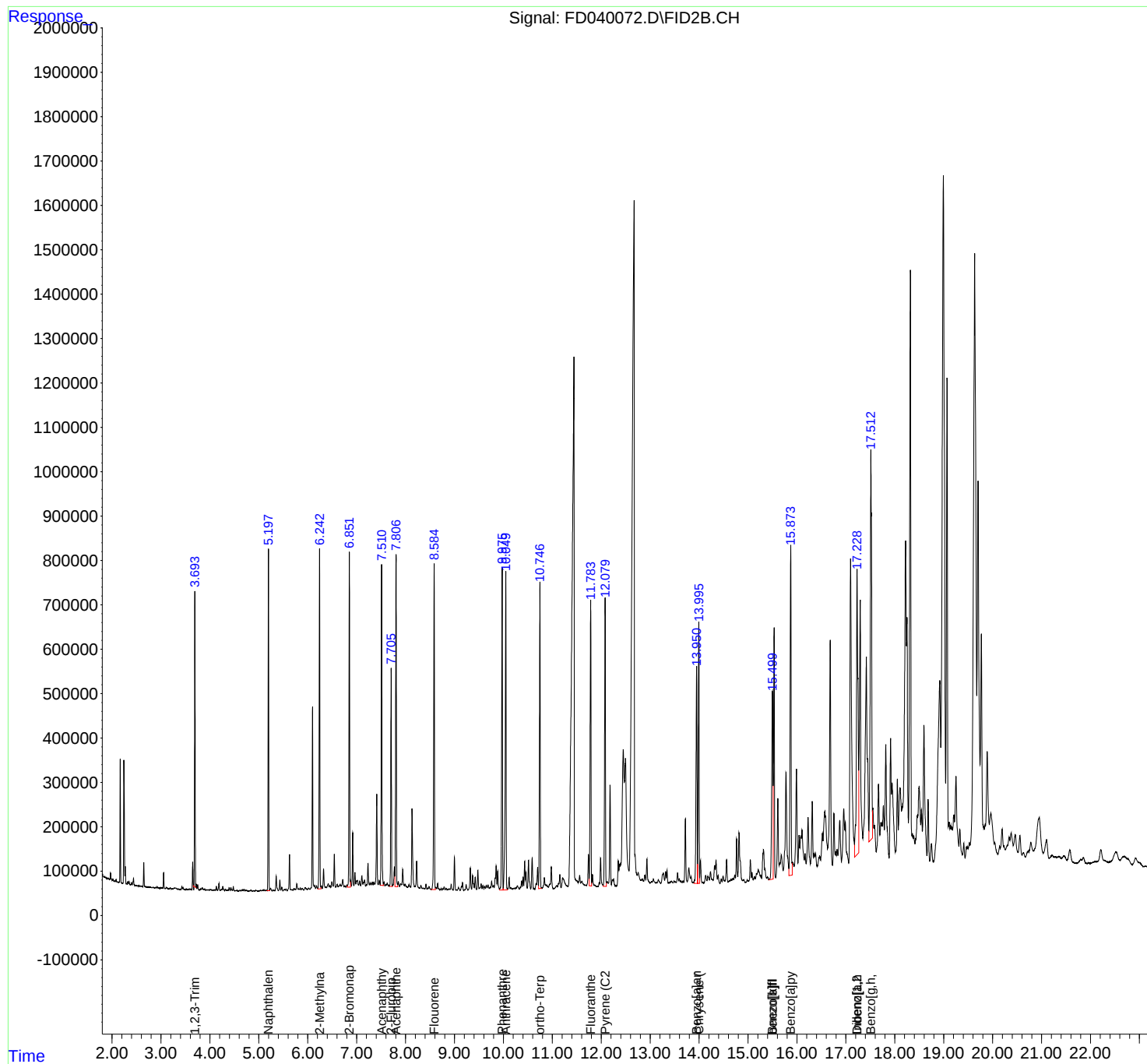
(f)=RT Delta > 1/2 Window

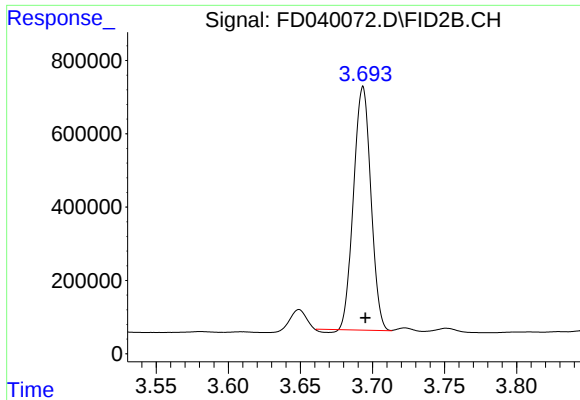
(m)=manual int.

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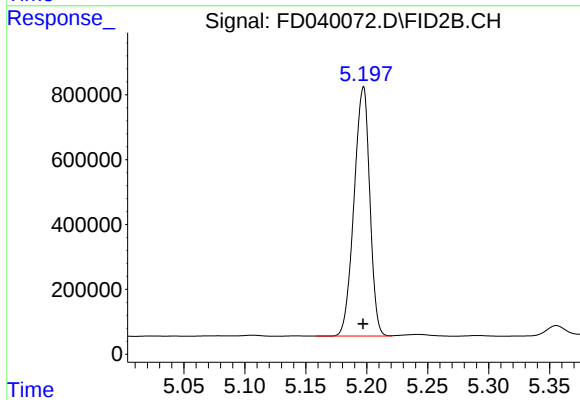
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





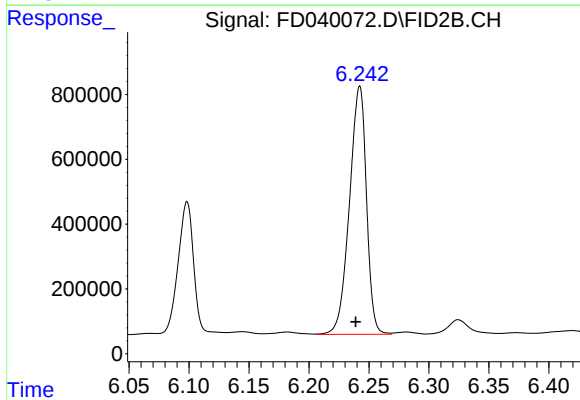
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.693 min
Delta R.T.: -0.002 min
Response: 5519861
Conc: 38.11 ug/ml



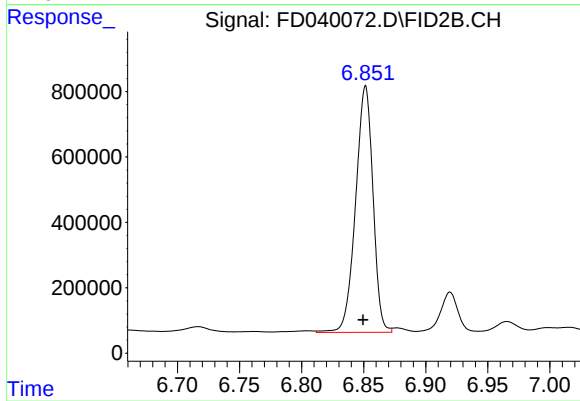
#2 Naphthalene (C11.7)

R.T.: 5.197 min
Delta R.T.: 0.000 min
Response: 6918341
Conc: 45.74 ug/ml



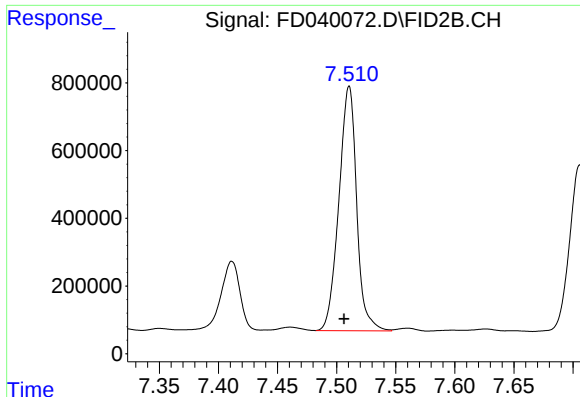
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.242 min
Delta R.T.: 0.004 min
Response: 7567202
Conc: 49.89 ug/ml



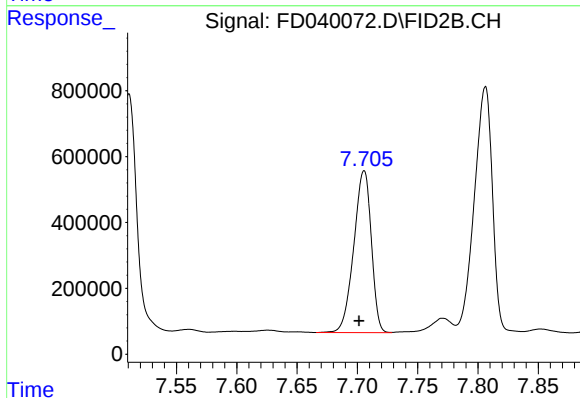
#4 2-Bromonaphthalene (SURR)

R.T.: 6.852 min
Delta R.T.: 0.002 min
Response: 7347244
Conc: 55.05 ug/ml



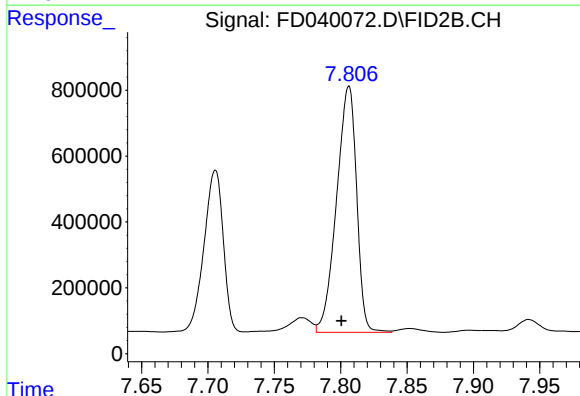
#5 Acenaphthylene (C15.06)

R.T.: 7.511 min
Delta R.T.: 0.004 min
Response: 7577682
Conc: 54.93 ug/ml



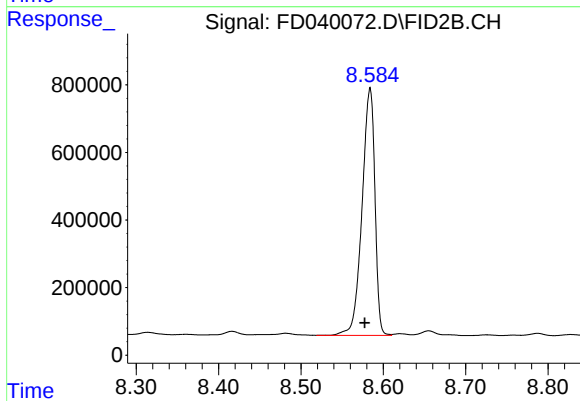
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.706 min
Delta R.T.: 0.004 min
Response: 4976069
Conc: 55.30 ug/ml



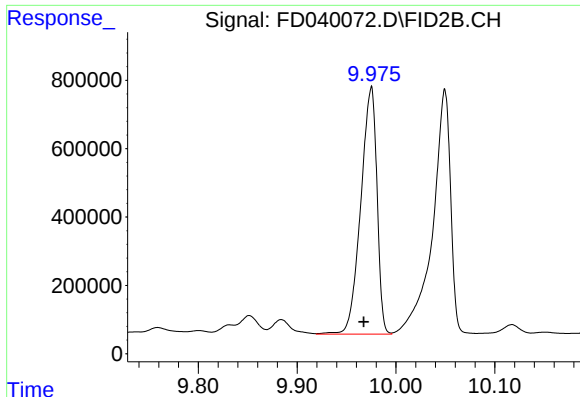
#7 Acenaphthene (C15.5)

R.T.: 7.806 min
Delta R.T.: 0.005 min
Response: 7869559
Conc: 53.82 ug/ml



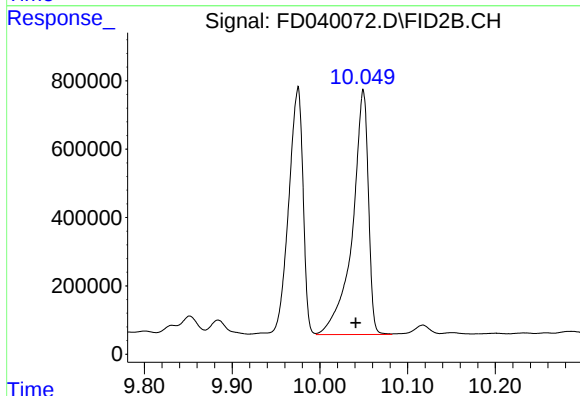
#8 Fluorene (C16.55)

R.T.: 8.584 min
Delta R.T.: 0.007 min
Response: 7960809
Conc: 55.45 ug/ml



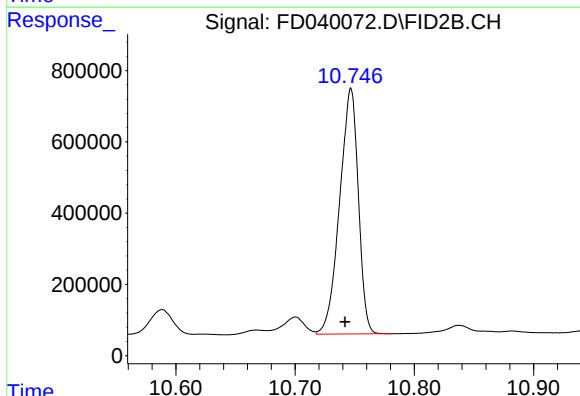
#9 Phenanthrene (C19.36)

R.T.: 9.975 min
Delta R.T.: 0.008 min
Response: 822288
Conc: 58.93 ug/ml



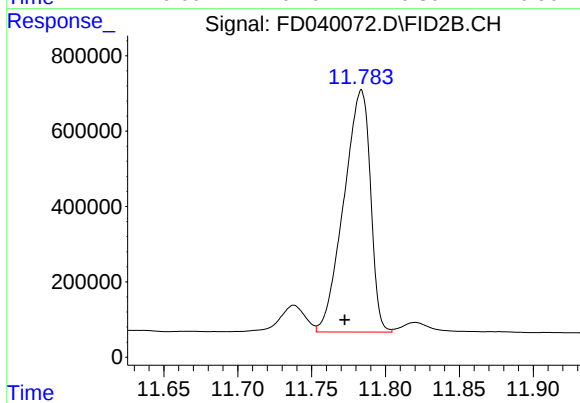
#10 Anthracene (C19.43)

R.T.: 10.050 min
Delta R.T.: 0.009 min
Response: 9050452
Conc: 67.52 ug/ml



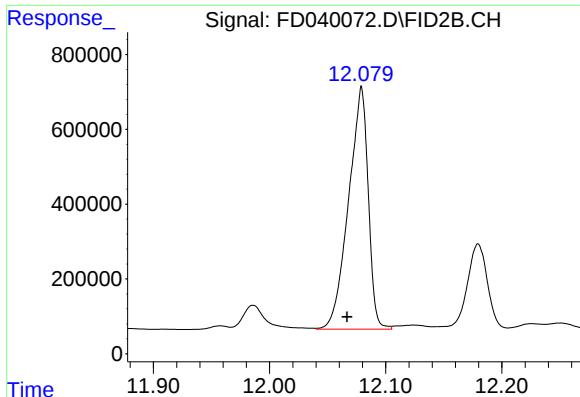
#11 ortho-Terphenyl (SURR)

R.T.: 10.747 min
Delta R.T.: 0.005 min
Response: 7520634
Conc: 54.65 ug/ml



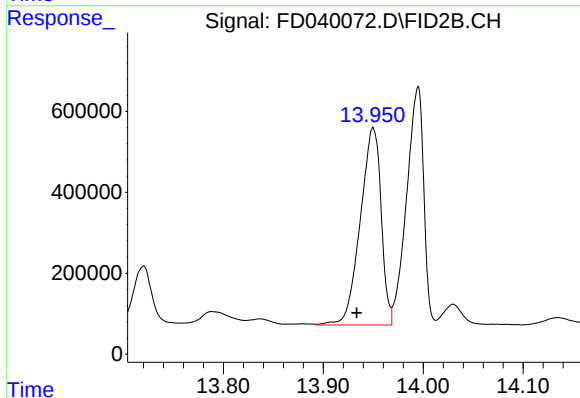
#12 Fluoranthene (C21.85)

R.T.: 11.784 min
Delta R.T.: 0.011 min
Response: 8052164
Conc: 59.41 ug/ml



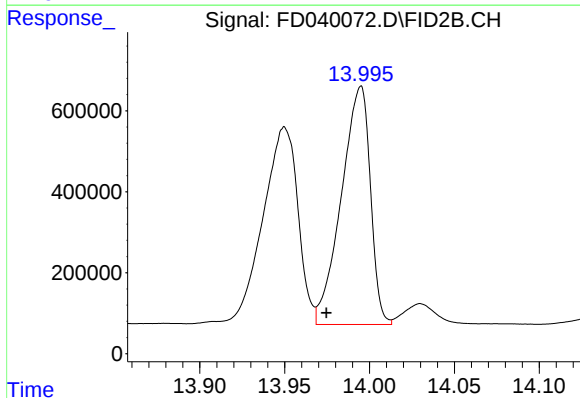
#13 Pyrene (C20.8)

R.T.: 12.079 min
Delta R.T.: 0.012 min
Response: 7615291
Conc: 57.89 ug/ml



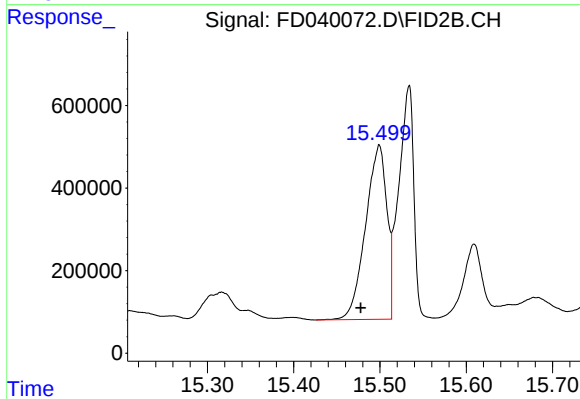
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.950 min
Delta R.T.: 0.017 min
Response: 7063682
Conc: 58.54 ug/ml



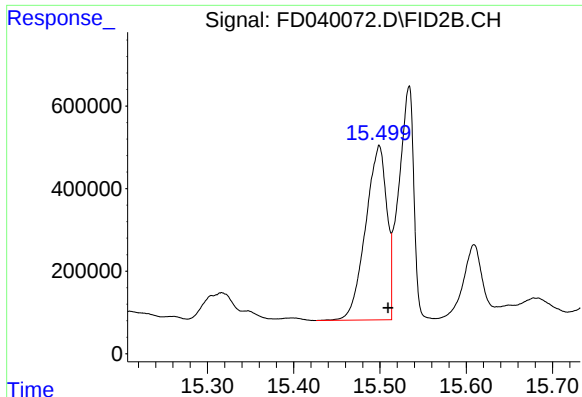
#15 Chrysene (C27.41)

R.T.: 13.995 min
Delta R.T.: 0.020 min
Response: 7002793
Conc: 55.61 ug/ml



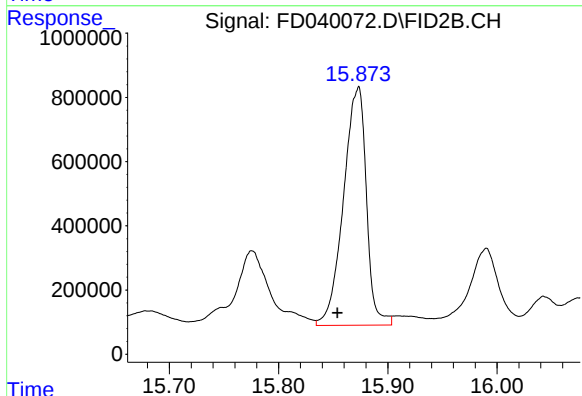
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.499 min
Delta R.T.: 0.022 min
Response: 7207107
Conc: 58.54 ug/ml



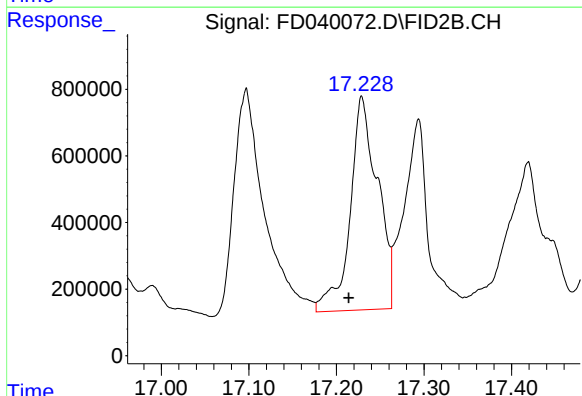
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.499 min
Delta R.T.: -0.010 min
Response: 7207107
Conc: 59.11 ug/ml



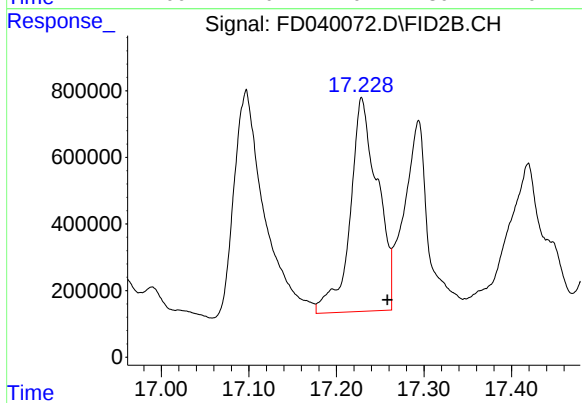
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.873 min
Delta R.T.: 0.019 min
Response: 10829273
Conc: 89.89 ug/ml



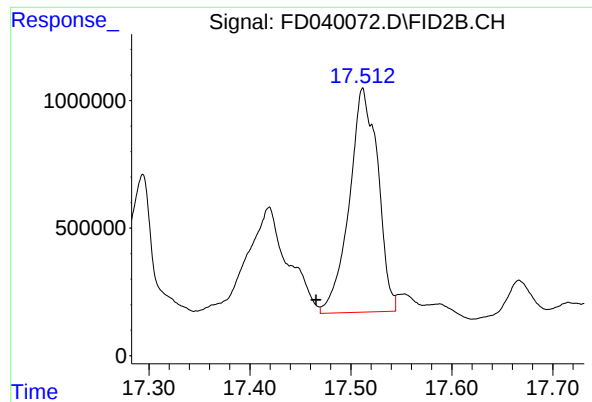
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.229 min
Delta R.T.: 0.015 min
Response: 13952021
Conc: 118.19 ug/ml



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

R.T.: 17.229 min
Delta R.T.: -0.029 min
Response: 13952021
Conc: 120.38 ug/ml



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

R.T.: 17.512 min
Delta R.T.: 0.046 min
Response: 17217092
Conc: 142.65 ug/ml