

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012722AR\
 Data File : FD040805.D
 Signal(s) : FID2B.CH
 Acq On : 27 Jan 2022 13:15
 Operator : AJ\MA
 Sample : N1248-01D
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 28 01:52:55 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...	6.718	5817238	40.674 ug/ml
Spiked Amount 50.000		Recovery =	81.35%
6) S 2-Fluorobiphenyl (SURR)	7.624	68041	0.715 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	1.43%
11) S ortho-Terphenyl (SURR)	10.651	316244	2.024 ug/ml
Spiked Amount 50.000		Recovery =	4.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.580	128949	0.834 ug/ml
2) T Naphthalene (C11.7)	5.072	137258	0.858 ug/ml
3) T 2-Methylnaphthalene (...)	6.117	75313	0.464 ug/ml
5) T Acenaphthylene (C15.06)	7.373	75159	0.500 ug/ml
7) T Acenaphthene (C15.5)	7.662	133539	0.828 ug/ml
8) T Fluorene (C16.55)	8.441	138591	0.892 ug/ml
9) T Phenanthrene (C19.36)	9.898	366156	2.380 ug/ml
10) T Anthracene (C19.43)	9.898	366156	2.506 ug/ml
12) T Fluoranthene (C21.85)	11.625	3365719	21.676 ug/ml
13) T Pyrene (C20.8)	11.975	359730	2.383 ug/ml
14) T Benzo[a]anthracene (C...	13.823	1701501	12.826 ug/ml
15) T Chrysene (C27.41)	13.823	1701501	11.635 ug/ml
16) T benzo[b]fluoranthene ...	15.357	683395	5.001 ug/ml
17) T Bnezo[k]fluoranthene ...	15.357	683395	4.937 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.703	1265952	9.712 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.117	278652	2.287 ug/ml
20) T Dibenz[a,h]anthracene...	17.155	257663	2.118 ug/ml
21) T Benzo[g,h,i]perylene ...	17.316	829025	6.456 ug/ml

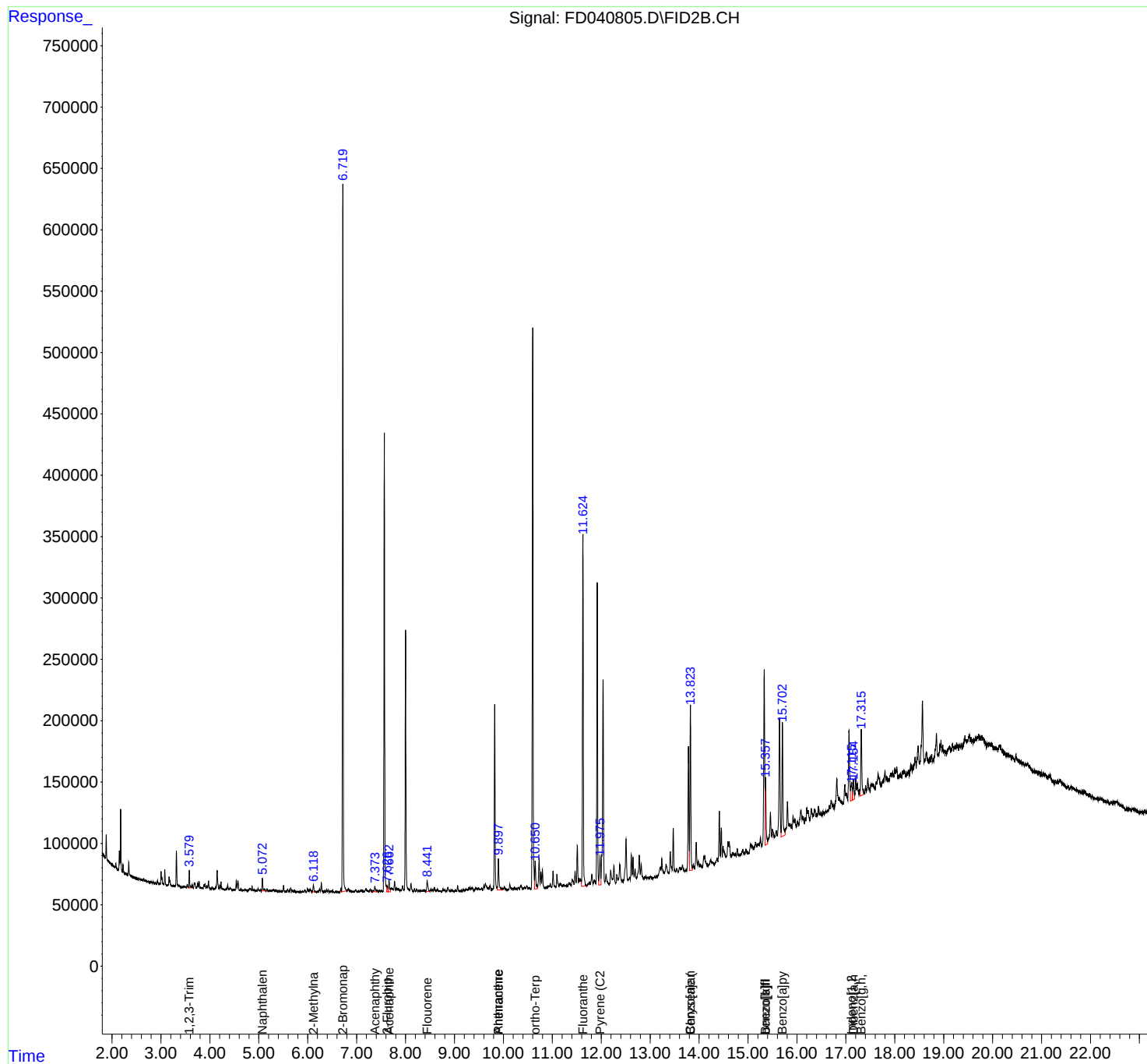
(f)=RT Delta > 1/2 Window

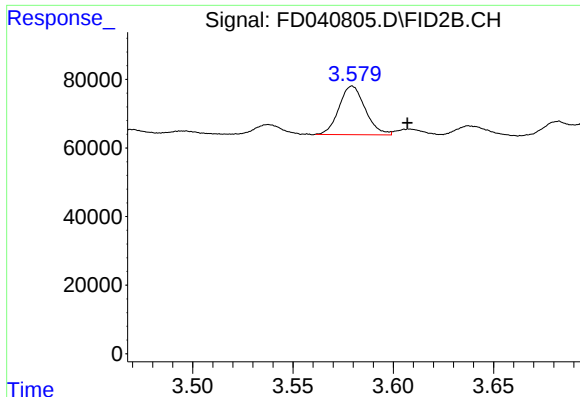
(m)=manual int.

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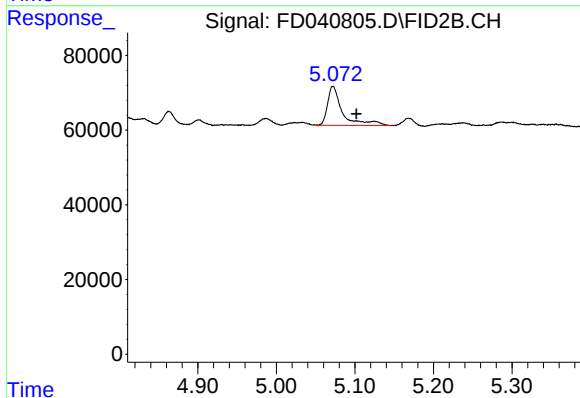
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Signal Info : 20M x 0.18mm x 0.18µm





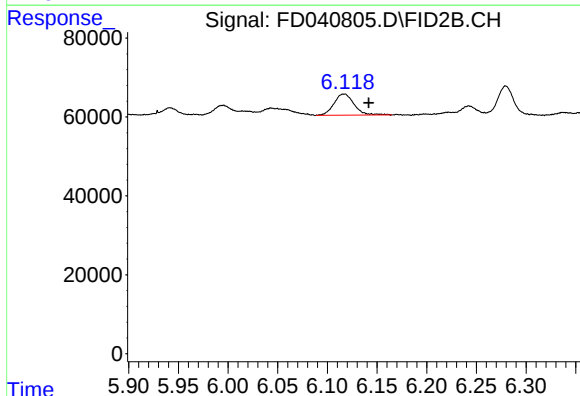
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.580 min
Delta R.T.: -0.027 min
Response: 128949
Conc: 0.83 ug/ml



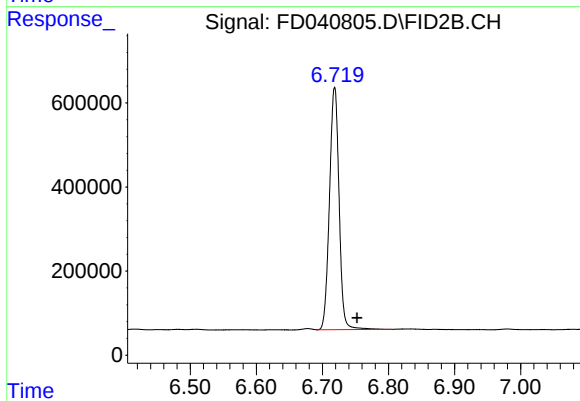
#2 Naphthalene (C11.7)

R.T.: 5.072 min
Delta R.T.: -0.030 min
Response: 137258
Conc: 0.86 ug/ml



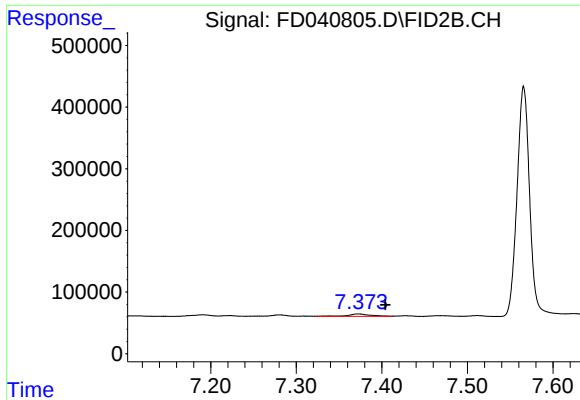
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.117 min
Delta R.T.: -0.025 min
Response: 75313
Conc: 0.46 ug/ml



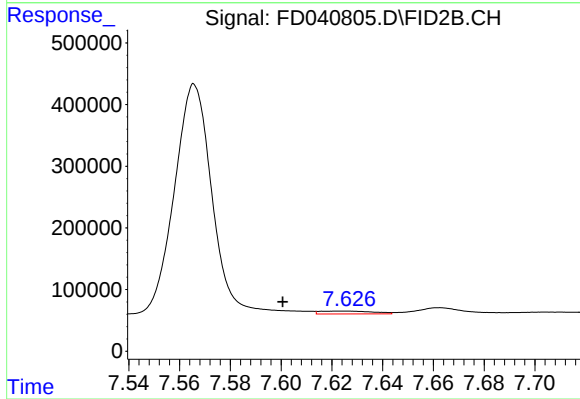
#4 2-Bromonaphthalene (SURR)

R.T.: 6.718 min
Delta R.T.: -0.034 min
Response: 5817238
Conc: 40.67 ug/ml



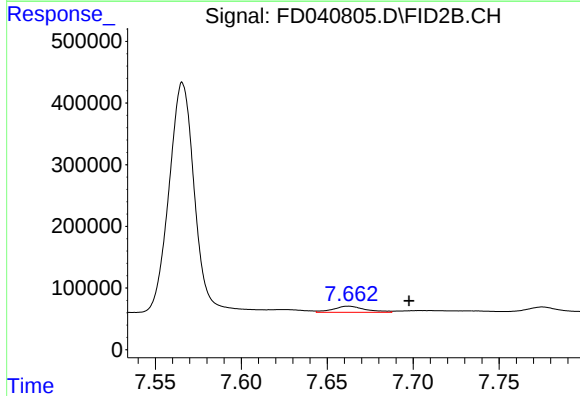
#5 Acenaphthylene (C15.06)

R.T.: 7.373 min
Delta R.T.: -0.032 min
Response: 75159
Conc: 0.50 ug/ml



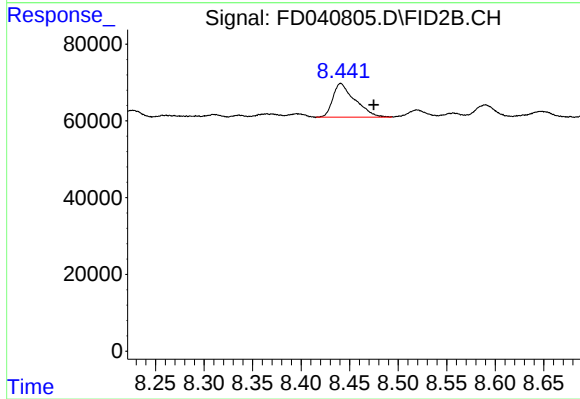
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.624 min
Delta R.T.: 0.023 min
Response: 68041
Conc: 0.71 ug/ml



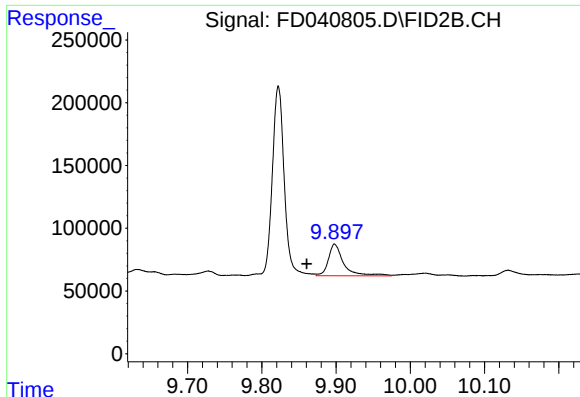
#7 Acenaphthene (C15.5)

R.T.: 7.662 min
Delta R.T.: -0.035 min
Response: 133539
Conc: 0.83 ug/ml



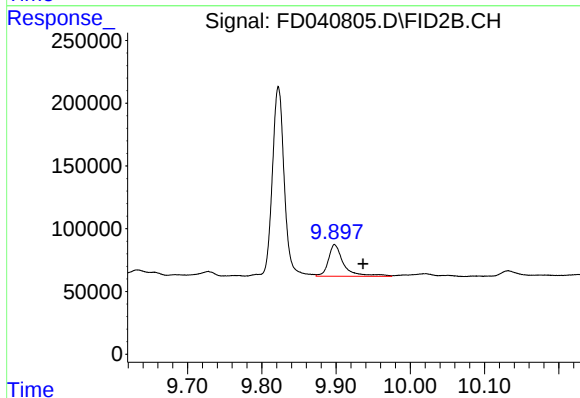
#8 Fluorene (C16.55)

R.T.: 8.441 min
Delta R.T.: -0.034 min
Response: 138591
Conc: 0.89 ug/ml



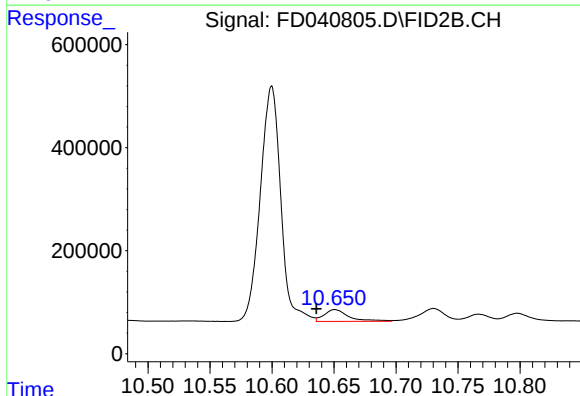
#9 Phenanthrene (C19.36)

R.T.: 9.898 min
Delta R.T.: 0.038 min
Response: 366156
Conc: 2.38 ug/ml



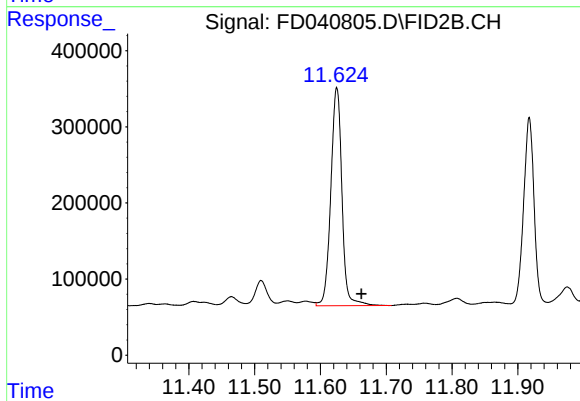
#10 Anthracene (C19.43)

R.T.: 9.898 min
Delta R.T.: -0.038 min
Response: 366156
Conc: 2.51 ug/ml



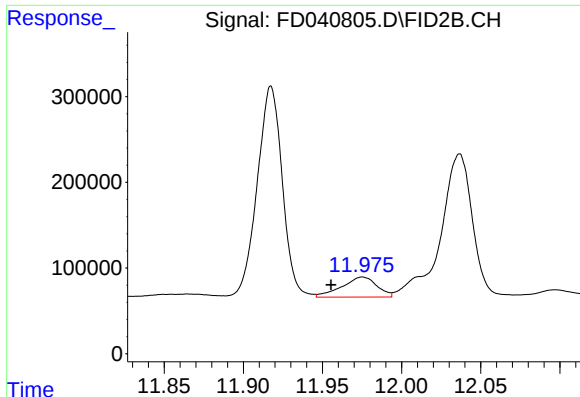
#11 ortho-Terphenyl (SURR)

R.T.: 10.651 min
Delta R.T.: 0.015 min
Response: 316244
Conc: 2.02 ug/ml



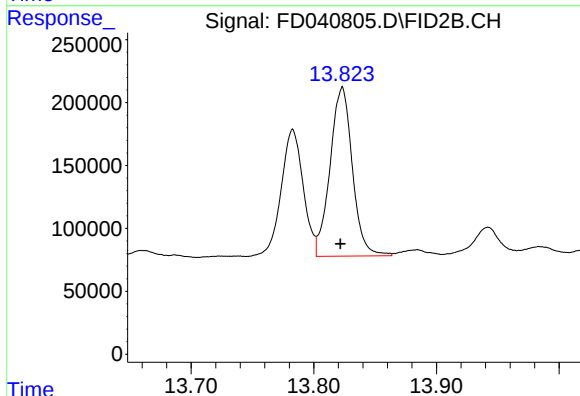
#12 Fluoranthene (C21.85)

R.T.: 11.625 min
Delta R.T.: -0.038 min
Response: 3365719
Conc: 21.68 ug/ml



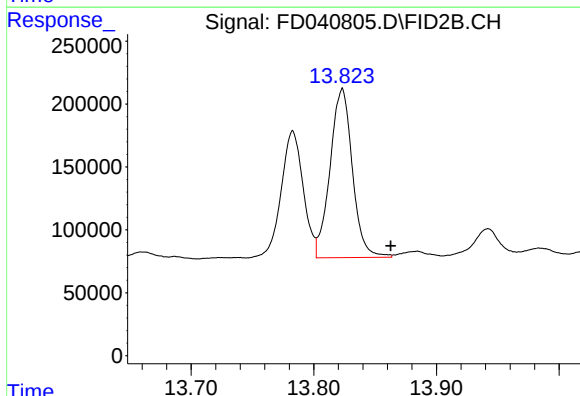
#13 Pyrene (C20.8)

R.T.: 11.975 min
Delta R.T.: 0.020 min
Response: 359730
Conc: 2.38 ug/ml



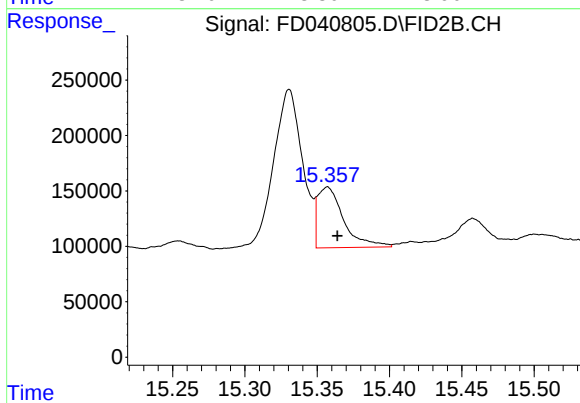
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.823 min
Delta R.T.: 0.001 min
Response: 1701501
Conc: 12.83 ug/ml



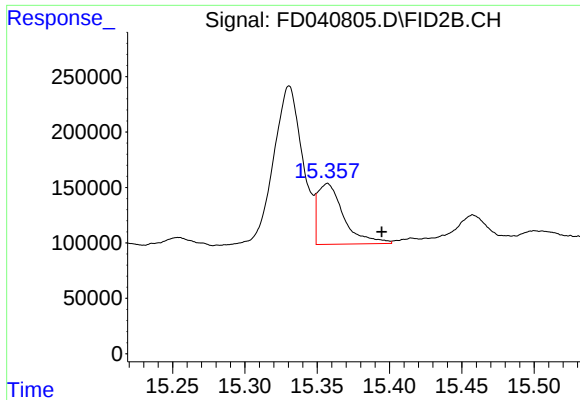
#15 Chrysene (C27.41)

R.T.: 13.823 min
Delta R.T.: -0.040 min
Response: 1701501
Conc: 11.64 ug/ml



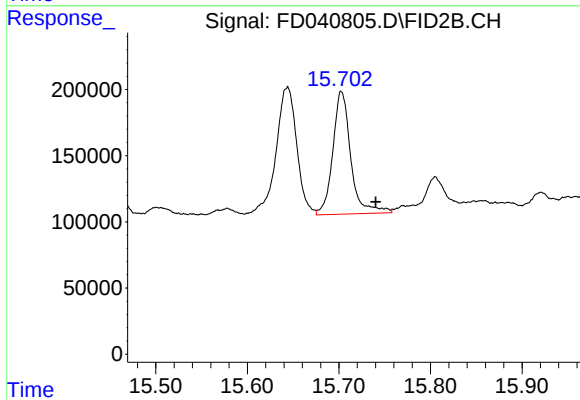
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.357 min
Delta R.T.: -0.007 min
Response: 683395
Conc: 5.00 ug/ml



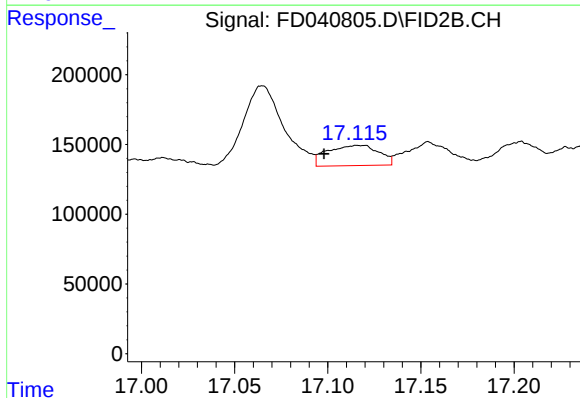
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.357 min
Delta R.T.: -0.038 min
Response: 683395
Conc: 4.94 ug/ml



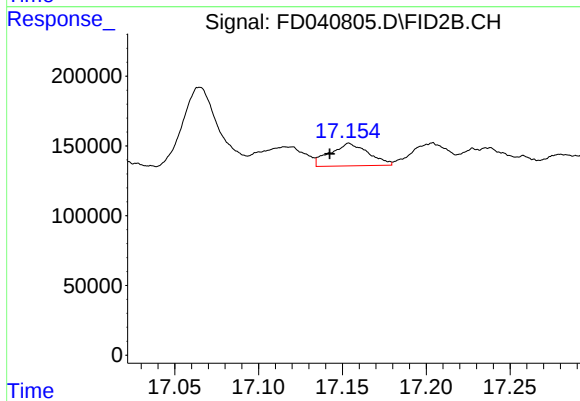
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.703 min
Delta R.T.: -0.037 min
Response: 1265952
Conc: 9.71 ug/ml



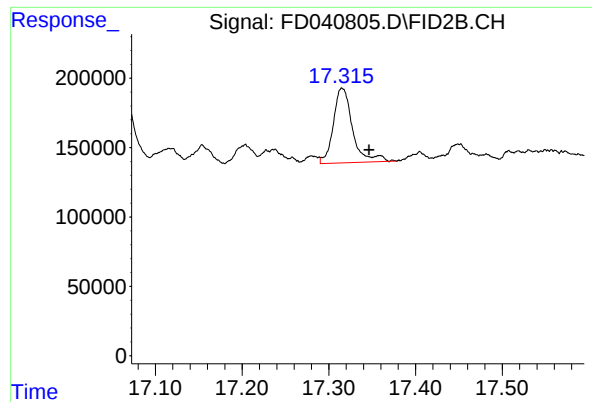
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.117 min
Delta R.T.: 0.019 min
Response: 278652
Conc: 2.29 ug/ml



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

R.T.: 17.155 min
Delta R.T.: 0.012 min
Response: 257663
Conc: 2.12 ug/ml



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

R.T.: 17.316 min
Delta R.T.: -0.031 min
Response: 829025
Conc: 6.46 ug/ml