

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012622AR\
 Data File : FD040778.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jan 2022 12:01
 Operator : AJ\MA
 Sample : PB142258BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 27 01:49:10 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...	6.726	5274628	36.880 ug/ml
Spiked Amount 50.000		Recovery =	73.76%
6) S 2-Fluorobiphenyl (SURR)	7.574	3538667	37.162 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	74.32%
11) S ortho-Terphenyl (SURR)	10.608	5377608	34.410 ug/ml
Spiked Amount 50.000		Recovery =	68.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.585	3919997	25.342 ug/ml
2) T Naphthalene (C11.7)	5.075	4429202	27.674 ug/ml
3) T 2-Methylnaphthalene (...)	6.115	4421124	27.236 ug/ml
5) T Acenaphthylene (C15.06)	7.377	4593799	30.560 ug/ml
7) T Acenaphthene (C15.5)	7.672	4838055	30.016 ug/ml
8) T Fluorene (C16.55)	8.448	4885722	31.433 ug/ml
9) T Phenanthrene (C19.36)	9.834	5001116	32.507 ug/ml
10) T Anthracene (C19.43)	9.909	4869787	33.332 ug/ml
12) T Fluoranthene (C21.85)	11.637	5532746	35.632 ug/ml
13) T Pyrene (C20.8)	11.930	4953947	32.819 ug/ml
14) T Benzo[a]anthracene (C...	13.840	4743207	35.754 ug/ml
15) T Chrysene (C27.41)	13.840	4743207	32.436 ug/ml
16) T benzo[b]fluoranthene ...	15.377	4825250	35.313 ug/ml
17) T Bnezo[k]fluoranthene ...	15.377	4825250	34.859 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.718	4533067	34.776 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.080	4397536	36.089 ug/ml
20) T Dibenz[a,h]anthracene...	17.121	4669520	38.388 ug/ml
21) T Benzo[g,h,i]perylene ...	17.333	4652965	36.237 ug/ml

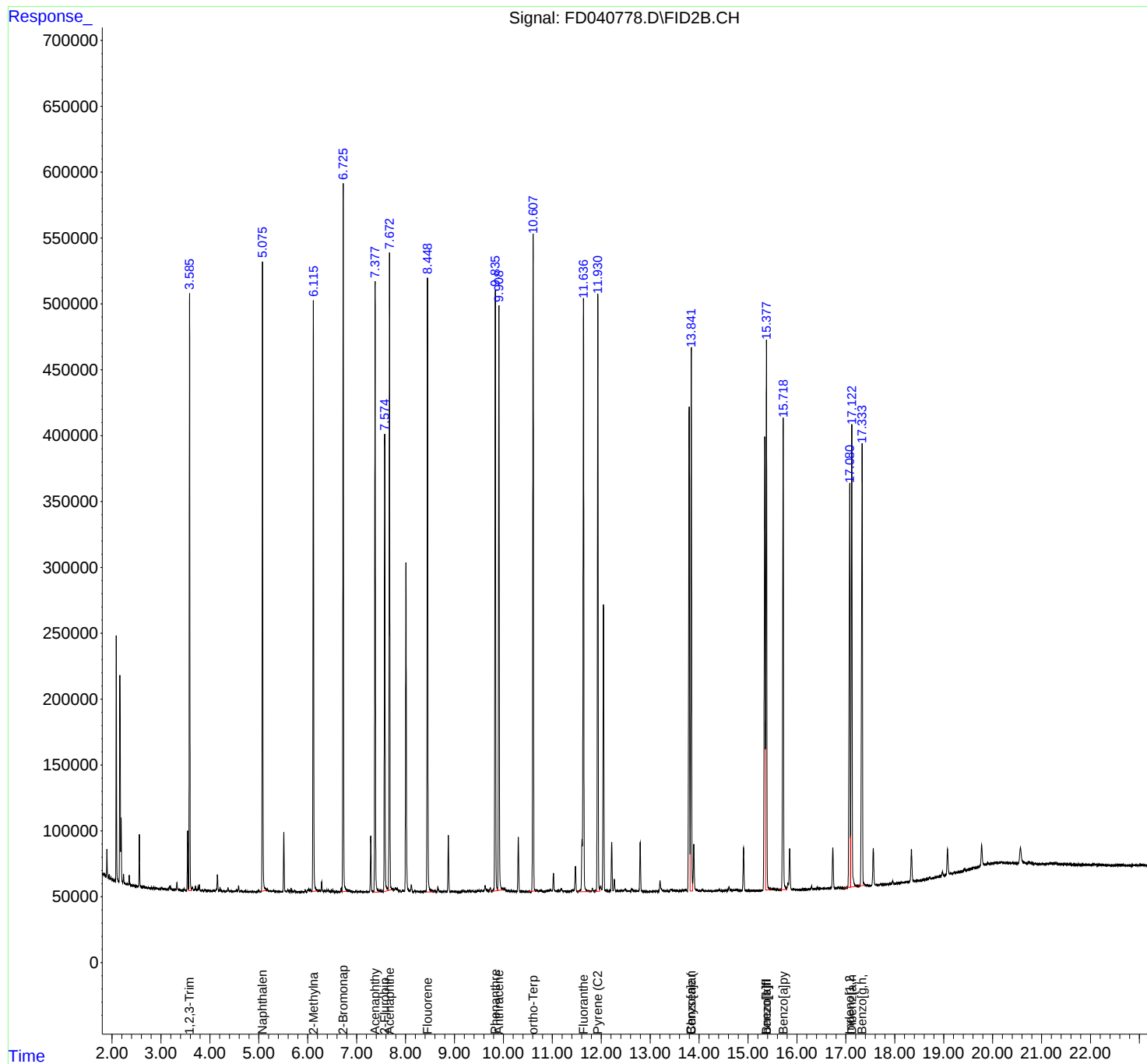
(f)=RT Delta > 1/2 Window

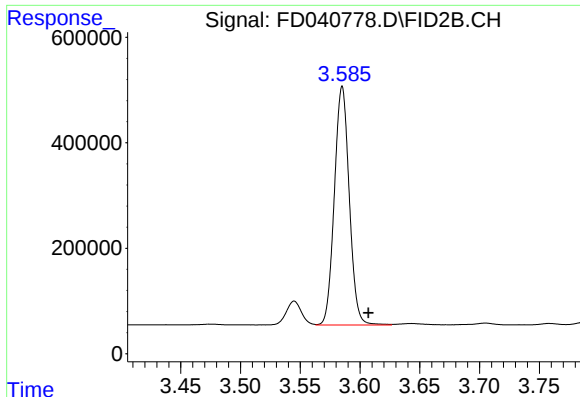
(m)=manual int.

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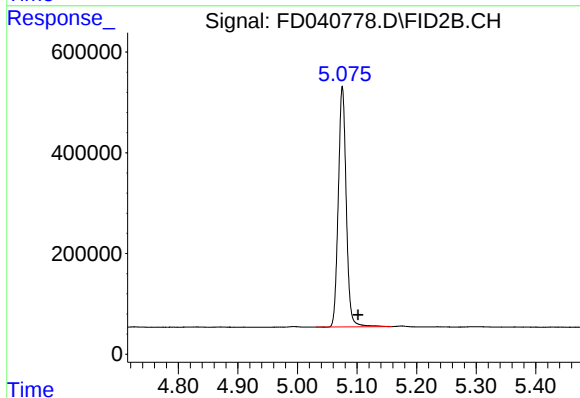
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Signal Info : 20M x 0.18mm x 0.18µm





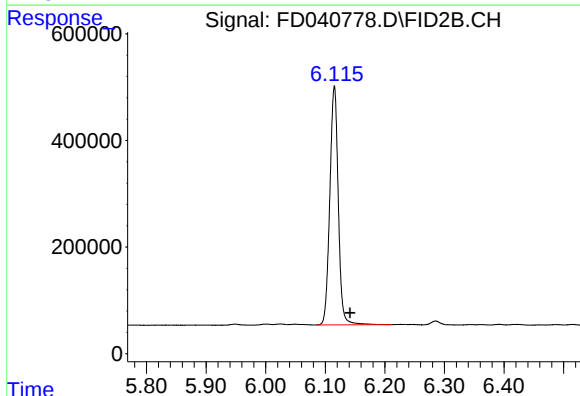
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.585 min
Delta R.T.: -0.022 min
Response: 3919997
Conc: 25.34 ug/ml



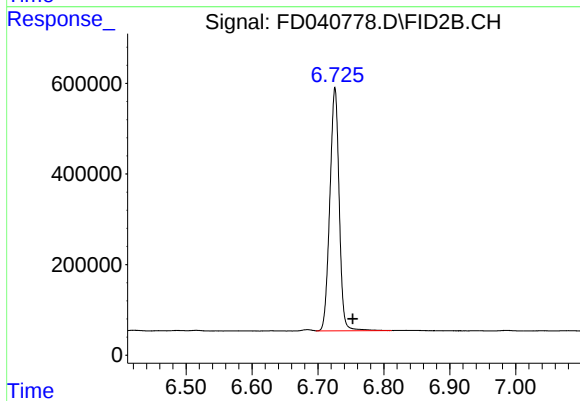
#2 Naphthalene (C11.7)

R.T.: 5.075 min
Delta R.T.: -0.027 min
Response: 4429202
Conc: 27.67 ug/ml



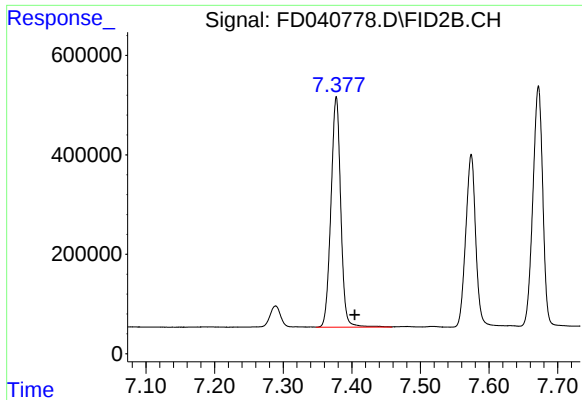
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.115 min
Delta R.T.: -0.027 min
Response: 4421124
Conc: 27.24 ug/ml



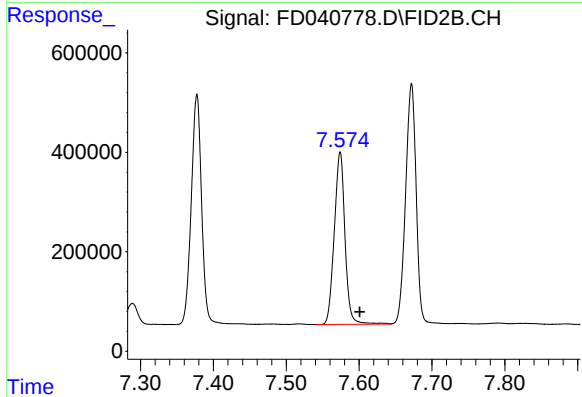
#4 2-Bromonaphthalene (SURR)

R.T.: 6.726 min
Delta R.T.: -0.027 min
Response: 5274628
Conc: 36.88 ug/ml



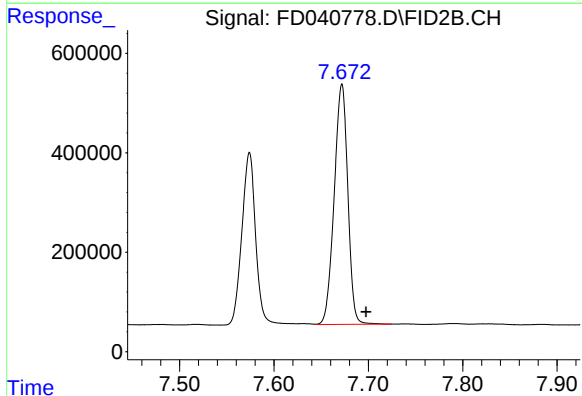
#5 Acenaphthylene (C15.06)

R.T.: 7.377 min
Delta R.T.: -0.027 min
Response: 4593799
Conc: 30.56 ug/ml



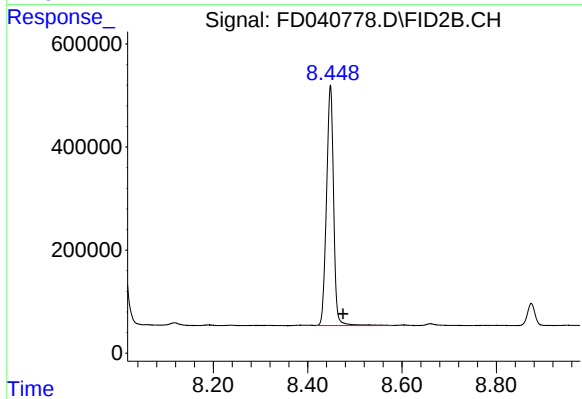
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.574 min
Delta R.T.: -0.027 min
Response: 3538667
Conc: 37.16 ug/ml



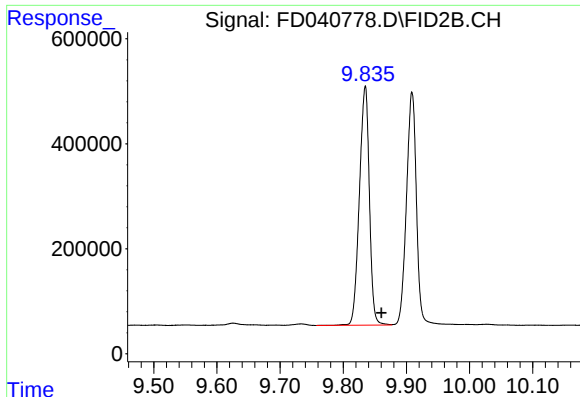
#7 Acenaphthene (C15.5)

R.T.: 7.672 min
Delta R.T.: -0.026 min
Response: 4838055
Conc: 30.02 ug/ml



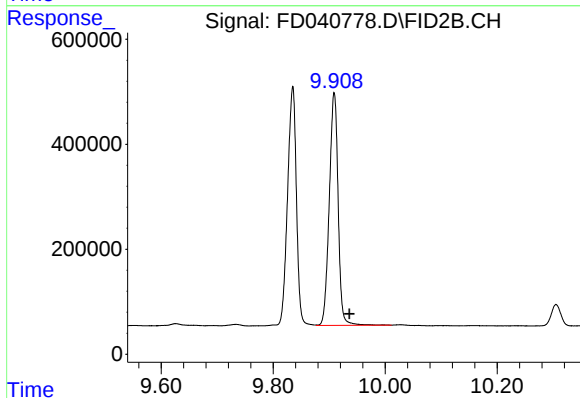
#8 Flouorene (C16.55)

R.T.: 8.448 min
Delta R.T.: -0.027 min
Response: 4885722
Conc: 31.43 ug/ml



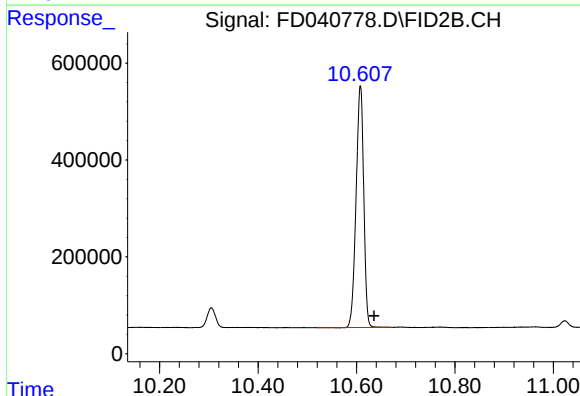
#9 Phenanthrene (C19.36)

R.T.: 9.834 min
Delta R.T.: -0.026 min
Response: 5001116
Conc: 32.51 ug/ml



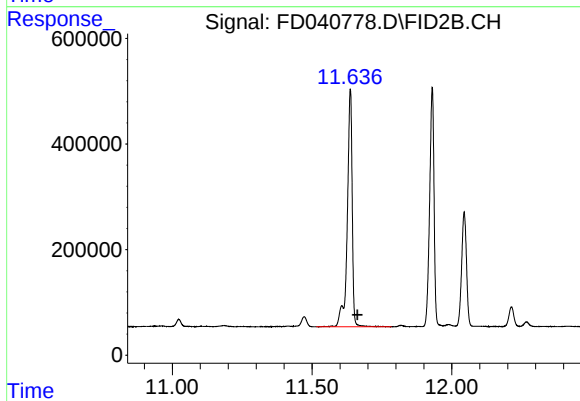
#10 Anthracene (C19.43)

R.T.: 9.909 min
Delta R.T.: -0.027 min
Response: 4869787
Conc: 33.33 ug/ml



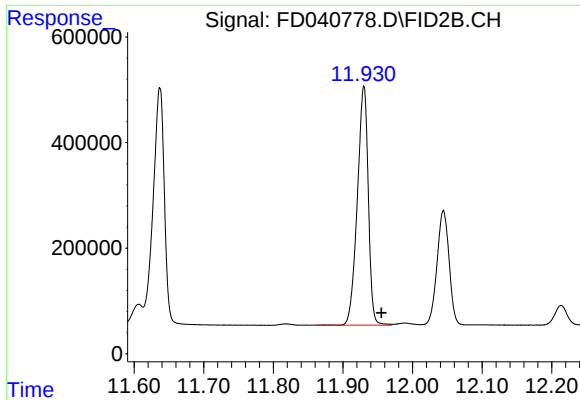
#11 ortho-Terphenyl (SURR)

R.T.: 10.608 min
Delta R.T.: -0.028 min
Response: 5377608
Conc: 34.41 ug/ml



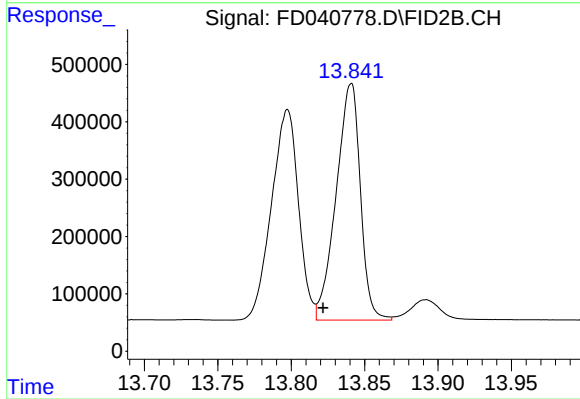
#12 Fluoranthene (C21.85)

R.T.: 11.637 min
Delta R.T.: -0.026 min
Response: 5532746
Conc: 35.63 ug/ml



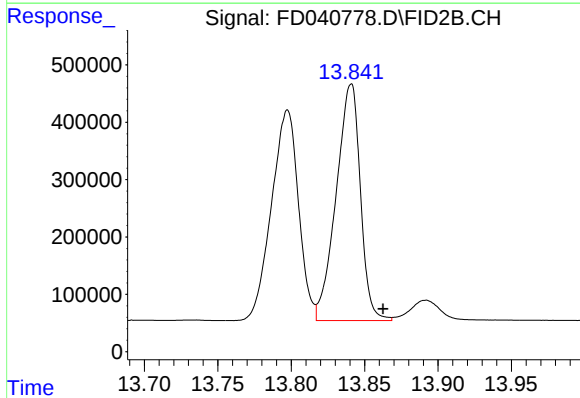
#13 Pyrene (C20.8)

R.T.: 11.930 min
Delta R.T.: -0.026 min
Response: 4953947
Conc: 32.82 ug/ml



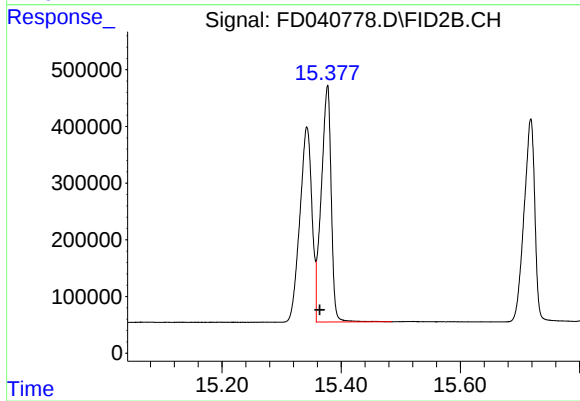
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.840 min
Delta R.T.: 0.019 min
Response: 4743207
Conc: 35.75 ug/ml



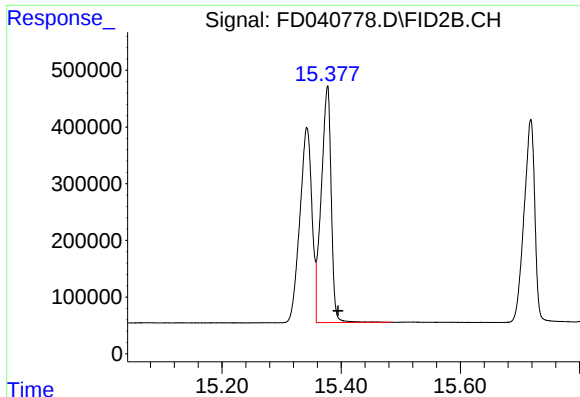
#15 Chrysene (C27.41)

R.T.: 13.840 min
Delta R.T.: -0.022 min
Response: 4743207
Conc: 32.44 ug/ml



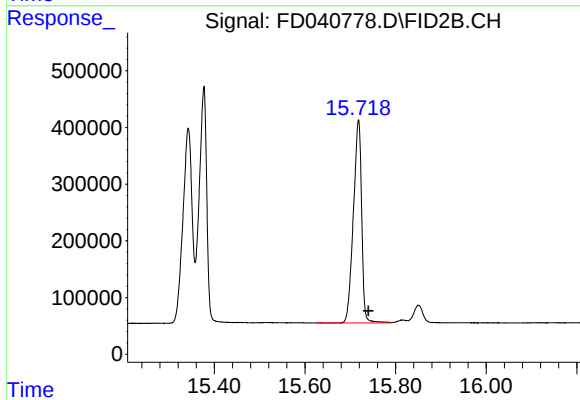
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.377 min
Delta R.T.: 0.013 min
Response: 4825250
Conc: 35.31 ug/ml



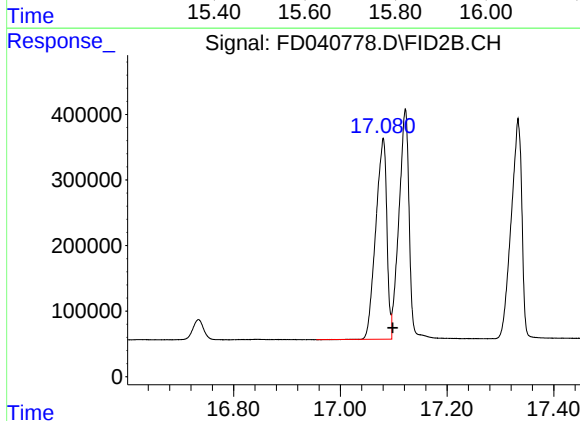
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.377 min
Delta R.T.: -0.018 min
Response: 4825250
Conc: 34.86 ug/ml



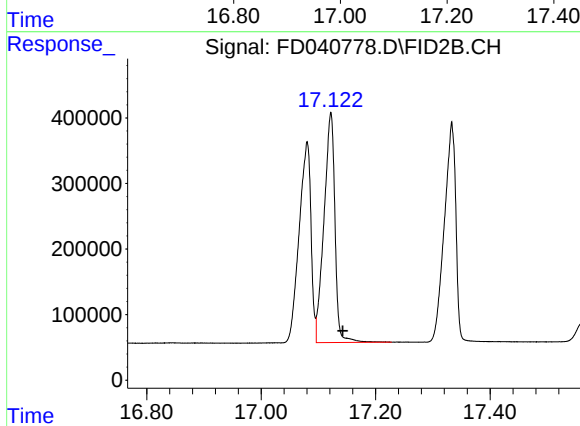
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.718 min
Delta R.T.: -0.023 min
Response: 4533067
Conc: 34.78 ug/ml



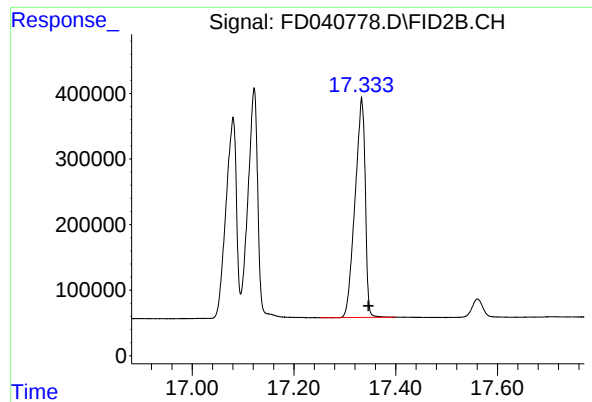
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.080 min
Delta R.T.: -0.018 min
Response: 4397536
Conc: 36.09 ug/ml



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

R.T.: 17.121 min
Delta R.T.: -0.021 min
Response: 4669520
Conc: 38.39 ug/ml



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

R.T.: 17.333 min
Delta R.T.: -0.013 min
Response: 4652965
Conc: 36.24 ug/ml