

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012122AR\
 Data File : FD040721.D
 Signal(s) : FID2B.CH
 Acq On : 21 Jan 2022 12:42
 Operator : AJ\MA
 Sample : PB142180BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 21 23:37:11 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...	6.731	5266862	36.826 ug/ml
Spiked Amount 50.000		Recovery =	73.65%
6) S 2-Fluorobiphenyl (SURR)	7.579	3541280	37.190 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	74.38%
11) S ortho-Terphenyl (SURR)	10.612	5380470	34.429 ug/ml
Spiked Amount 50.000		Recovery =	68.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.590	3896822	25.193 ug/ml
2) T Naphthalene (C11.7)	5.081	4414764	27.584 ug/ml
3) T 2-Methylnaphthalene (...)	6.121	4441950	27.365 ug/ml
5) T Acenaphthylene (C15.06)	7.383	4590241	30.536 ug/ml
7) T Acenaphthene (C15.5)	7.677	4833997	29.991 ug/ml
8) T Fluorene (C16.55)	8.453	4868531	31.323 ug/ml
9) T Phenanthrene (C19.36)	9.839	5020238	32.632 ug/ml
10) T Anthracene (C19.43)	9.913	4918369	33.664 ug/ml
12) T Fluoranthene (C21.85)	11.640	5535990	35.653 ug/ml
13) T Pyrene (C20.8)	11.934	4967754	32.911 ug/ml
14) T Benzo[a]anthracene (C...	13.843	4723726	35.607 ug/ml
15) T Chrysene (C27.41)	13.843	4723726	32.302 ug/ml
16) T benzo[b]fluoranthene ...	15.378	4793528	35.081 ug/ml
17) T Bnezo[k]fluoranthene ...	15.378	4793528	34.630 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.719	4498749	34.512 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.080	4397791	36.091 ug/ml
20) T Dibenz[a,h]anthracene...	17.121	4634622	38.101 ug/ml
21) T Benzo[g,h,i]perylene ...	17.334	4634936	36.097 ug/ml

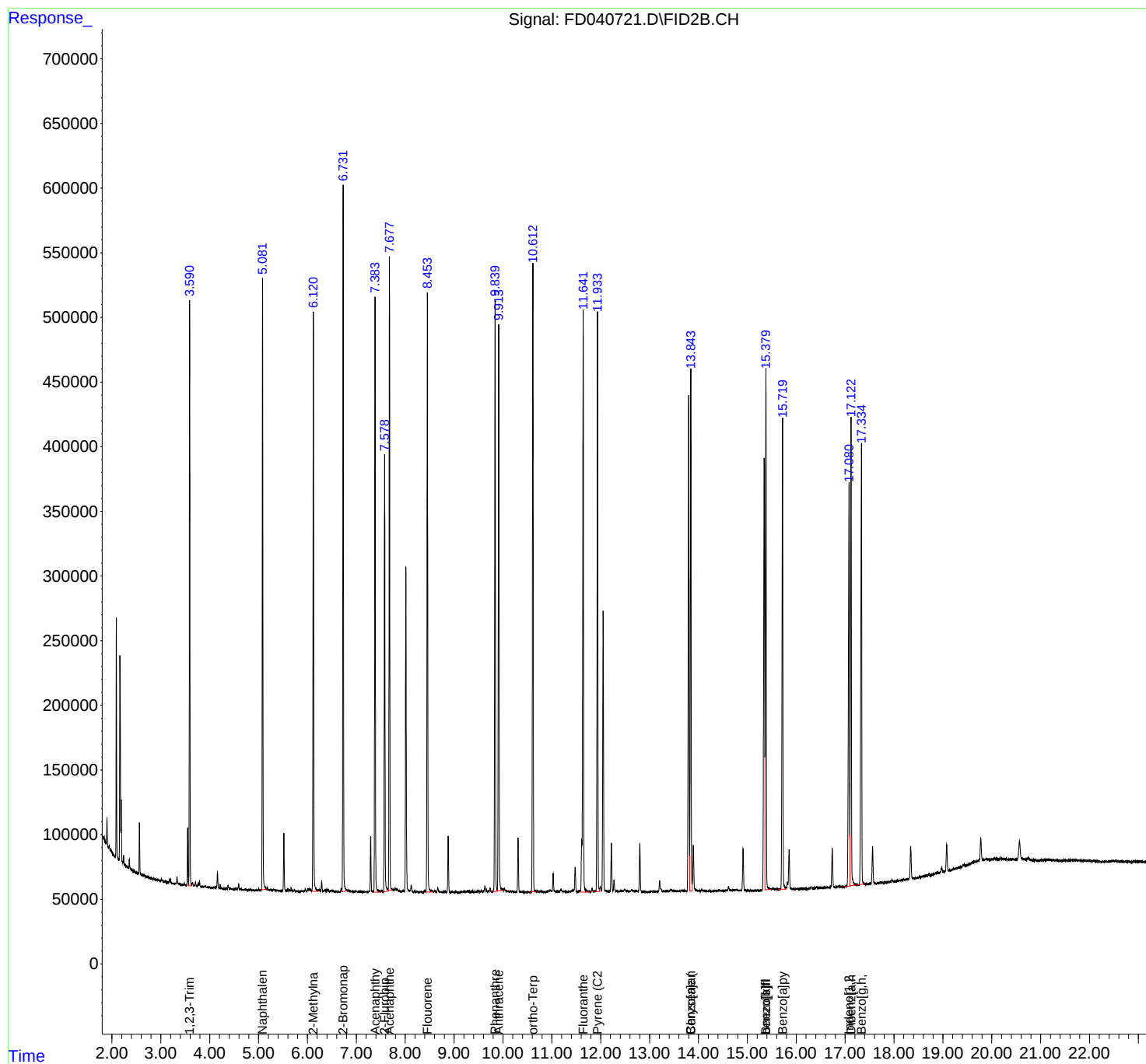
(f)=RT Delta > 1/2 Window

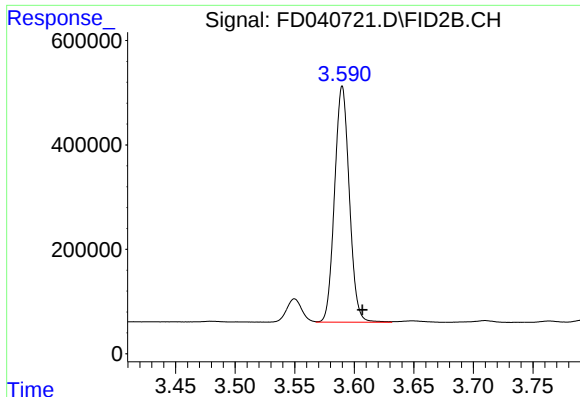
(m)=manual int.

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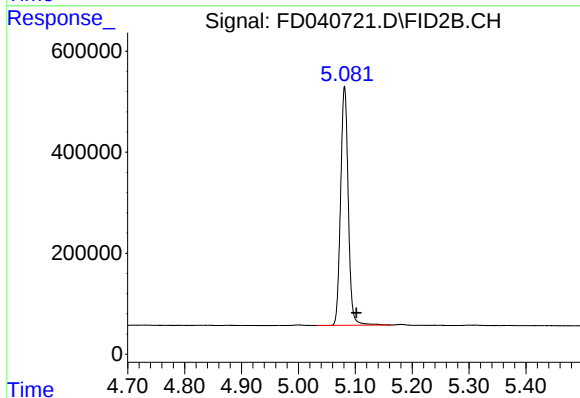
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Signal Info : 20M x 0.18mm x 0.18µm





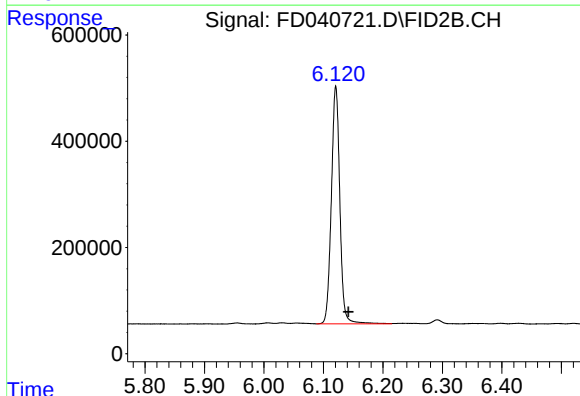
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.590 min
Delta R.T.: -0.017 min
Response: 3896822
Conc: 25.19 ug/ml



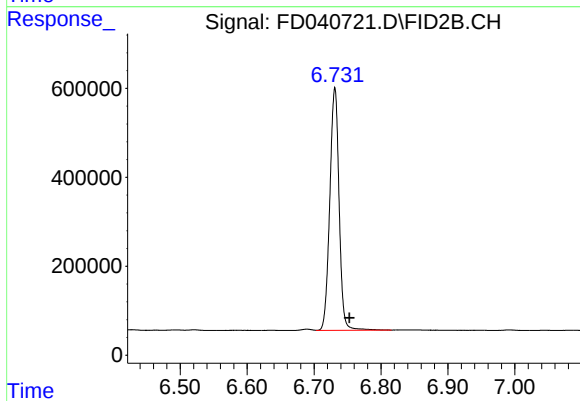
#2 Naphthalene (C11.7)

R.T.: 5.081 min
Delta R.T.: -0.021 min
Response: 4414764
Conc: 27.58 ug/ml



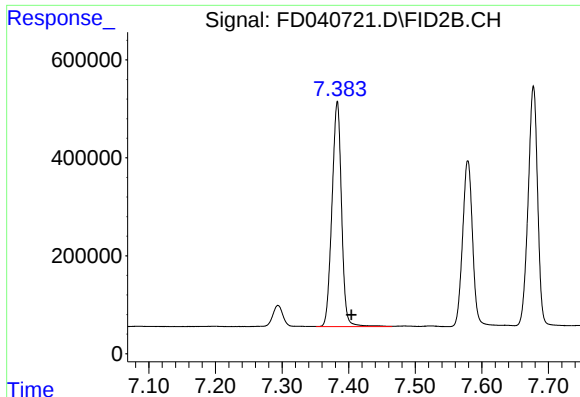
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.121 min
Delta R.T.: -0.021 min
Response: 4441950
Conc: 27.36 ug/ml



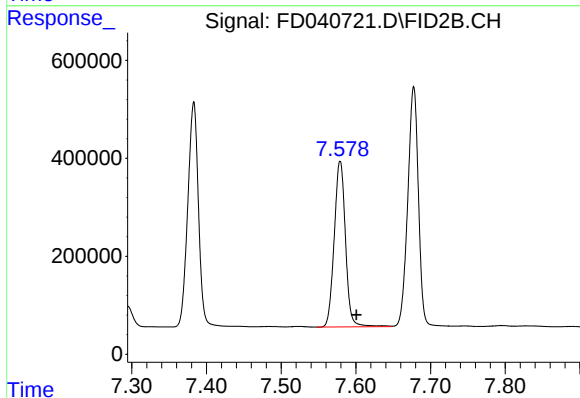
#4 2-Bromonaphthalene (SURR)

R.T.: 6.731 min
Delta R.T.: -0.022 min
Response: 5266862
Conc: 36.83 ug/ml



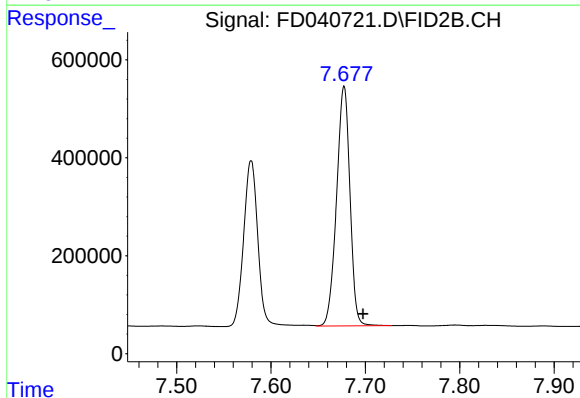
#5 Acenaphthylene (C15.06)

R.T.: 7.383 min
Delta R.T.: -0.022 min
Response: 4590241
Conc: 30.54 ug/ml



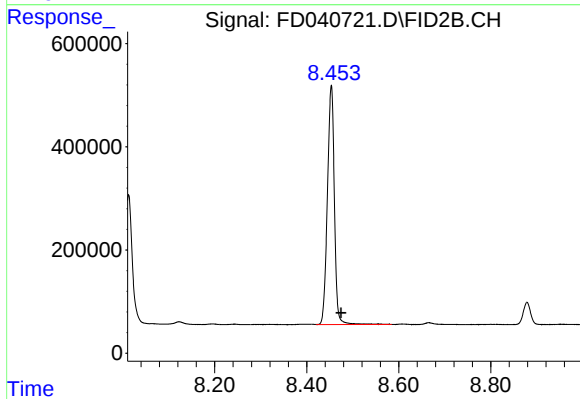
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.579 min
Delta R.T.: -0.022 min
Response: 3541280
Conc: 37.19 ug/ml



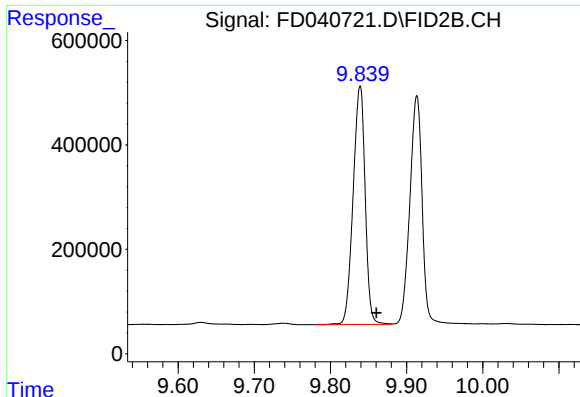
#7 Acenaphthene (C15.5)

R.T.: 7.677 min
Delta R.T.: -0.020 min
Response: 4833997
Conc: 29.99 ug/ml



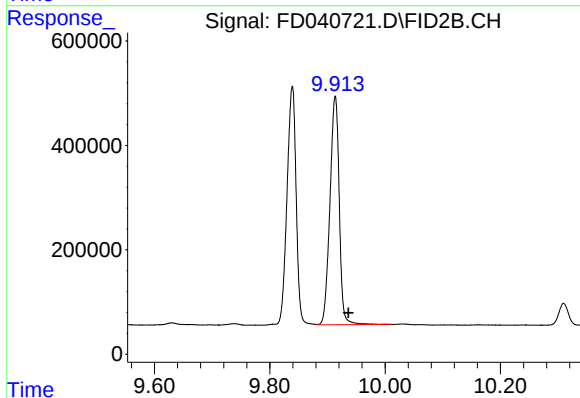
#8 Flouorene (C16.55)

R.T.: 8.453 min
Delta R.T.: -0.022 min
Response: 4868531
Conc: 31.32 ug/ml



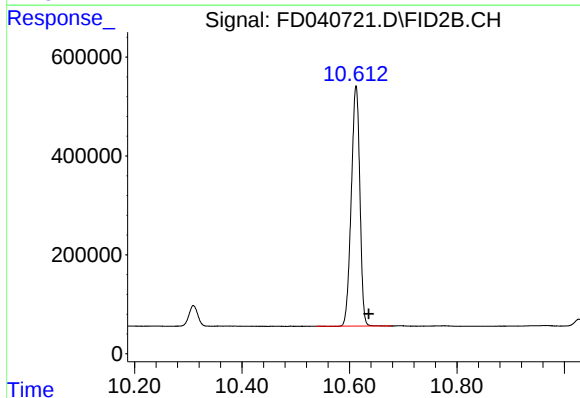
#9 Phenanthrene (C19.36)

R.T.: 9.839 min
Delta R.T.: -0.022 min
Response: 5020238
Conc: 32.63 ug/ml



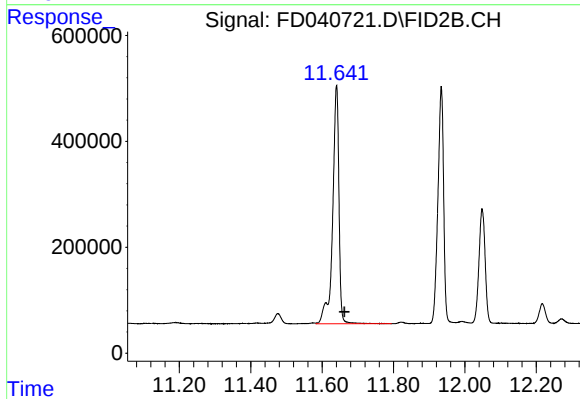
#10 Anthracene (C19.43)

R.T.: 9.913 min
Delta R.T.: -0.023 min
Response: 4918369
Conc: 33.66 ug/ml



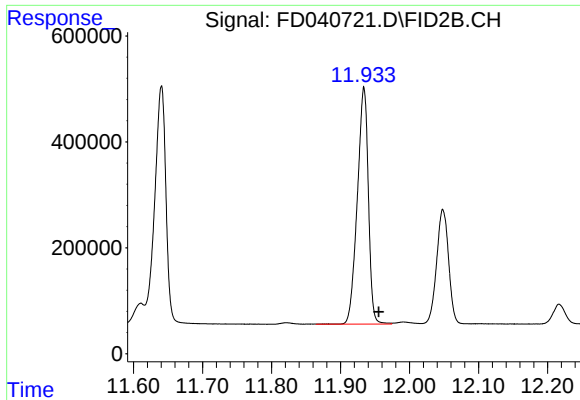
#11 ortho-Terphenyl (SURR)

R.T.: 10.612 min
Delta R.T.: -0.024 min
Response: 5380470
Conc: 34.43 ug/ml



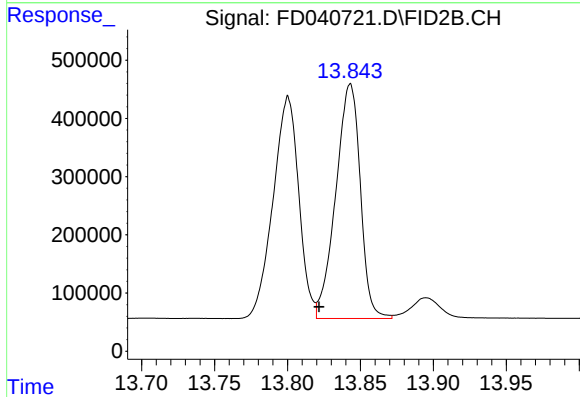
#12 Fluoranthene (C21.85)

R.T.: 11.640 min
Delta R.T.: -0.022 min
Response: 5535990
Conc: 35.65 ug/ml



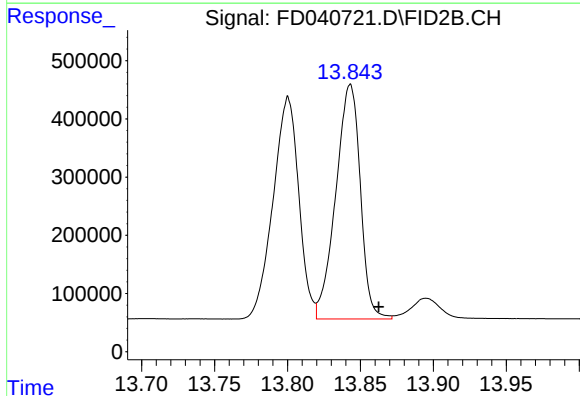
#13 Pyrene (C20.8)

R.T.: 11.934 min
Delta R.T.: -0.022 min
Response: 4967754
Conc: 32.91 ug/ml



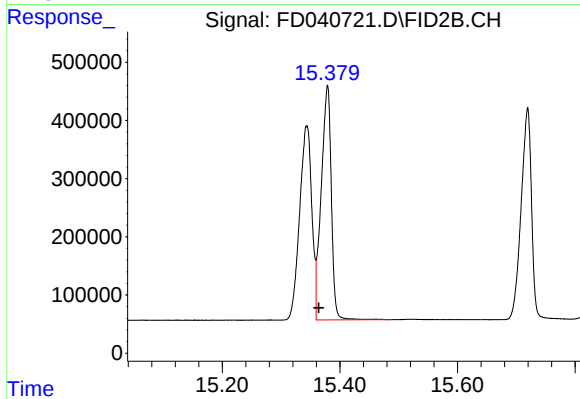
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.843 min
Delta R.T.: 0.021 min
Response: 4723726
Conc: 35.61 ug/ml



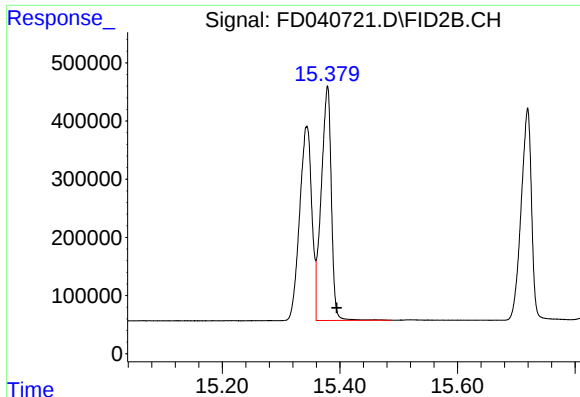
#15 Chrysene (C27.41)

R.T.: 13.843 min
Delta R.T.: -0.020 min
Response: 4723726
Conc: 32.30 ug/ml



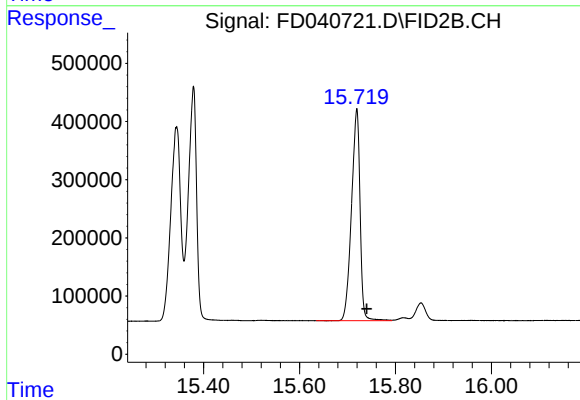
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.378 min
Delta R.T.: 0.014 min
Response: 4793528
Conc: 35.08 ug/ml



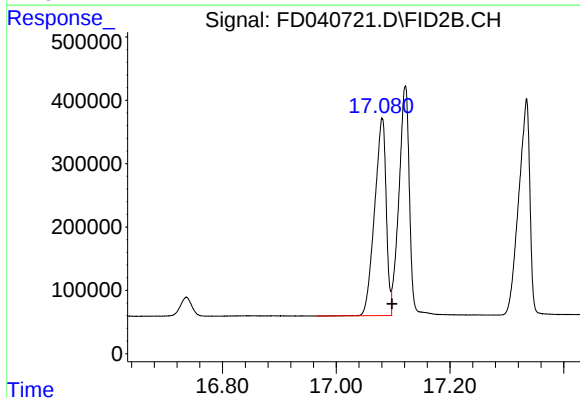
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.378 min
Delta R.T.: -0.016 min
Response: 4793528
Conc: 34.63 ug/ml



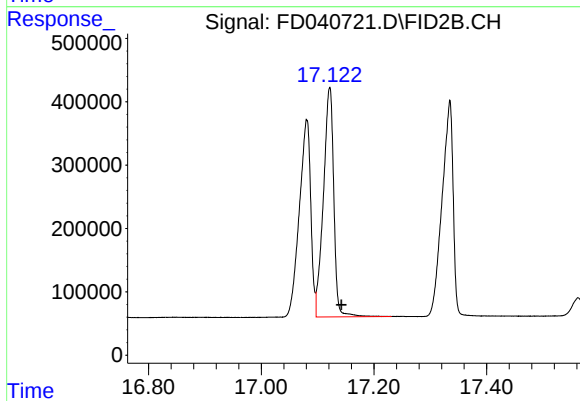
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.719 min
Delta R.T.: -0.022 min
Response: 4498749
Conc: 34.51 ug/ml



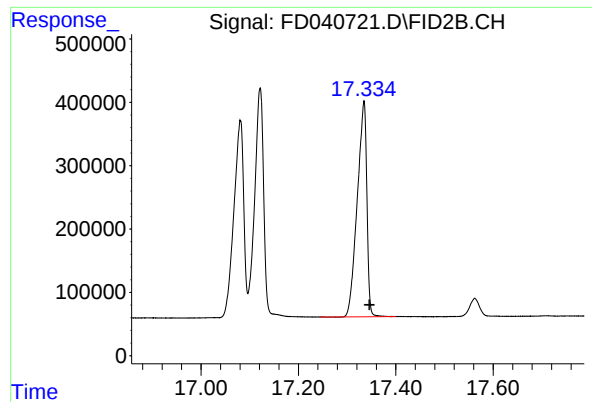
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.080 min
Delta R.T.: -0.018 min
Response: 4397791
Conc: 36.09 ug/ml



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

R.T.: 17.121 min
Delta R.T.: -0.021 min
Response: 4634622
Conc: 38.10 ug/ml



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

R.T.: 17.334 min
Delta R.T.: -0.012 min
Response: 4634936
Conc: 36.10 ug/ml