

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012122AR\
 Data File : FD040724.D
 Signal(s) : FID2B.CH
 Acq On : 21 Jan 2022 14:20
 Operator : AJ\MA
 Sample : N1172-01MS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 21 23:38:12 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	6339712	44.327 ug/ml
Spiked Amount 50.000		Recovery =	88.65%
6) S 2-Fluorobiphenyl (SURR)	7.579	4310745	45.270 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.54%
11) S ortho-Terphenyl (SURR)	10.612	5504058	35.219 ug/ml
Spiked Amount 50.000		Recovery =	70.44%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.590	4847150	31.336 ug/ml
2) T Naphthalene (C11.7)	5.082	5609681	35.050 ug/ml
3) T 2-Methylnaphthalene (...)	6.121	5806631	35.772 ug/ml
5) T Acenaphthylene (C15.06)	7.384	6155909	40.952 ug/ml
7) T Acenaphthene (C15.5)	7.678	6640465	41.198 ug/ml
8) T Fluorene (C16.55)	8.454	6533576	42.035 ug/ml
9) T Phenanthrene (C19.36)	9.841	6979904	45.370 ug/ml
10) T Anthracene (C19.43)	9.915	6461147	44.224 ug/ml
12) T Fluoranthene (C21.85)	11.643	7349332	47.331 ug/ml
13) T Pyrene (C20.8)	11.935	6664264	44.150 ug/ml
14) T Benzo[a]anthracene (C...	13.802	6083310	45.855 ug/ml
15) T Chrysene (C27.41)	13.846	6147781	42.040 ug/ml
16) T benzo[b]fluoranthene ...	15.348	6088270	44.556 ug/ml
17) T Bnezo[k]fluoranthene ...	15.382	6039376	43.631 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.724	5714751	43.841 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.085	5521421	45.312 ug/ml
20) T Dibenz[a,h]anthracene...	17.129	5966214	49.049 ug/ml
21) T Benzo[g,h,i]perylene ...	17.341	5591944	43.550 ug/ml

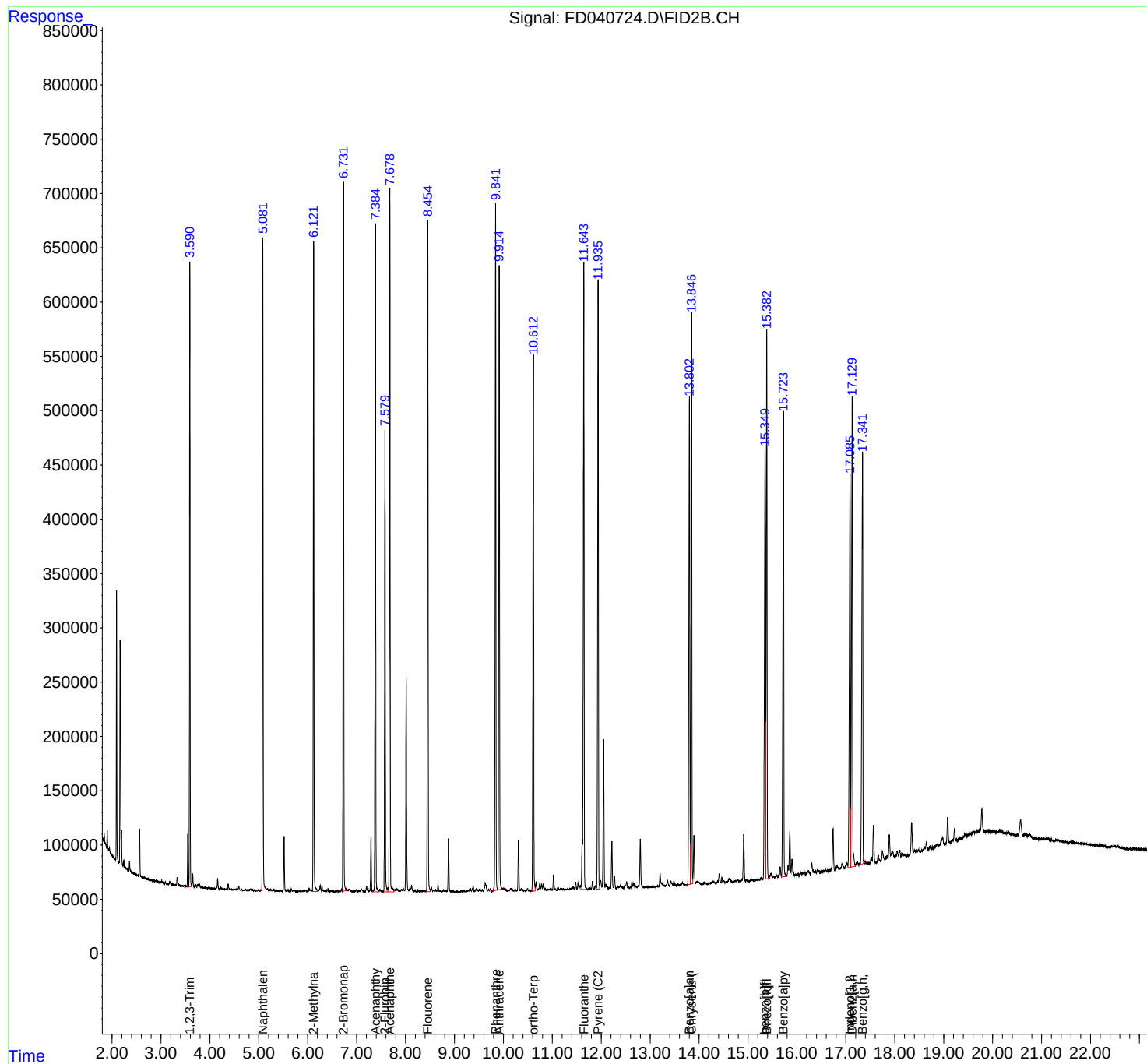
(f)=RT Delta > 1/2 Window

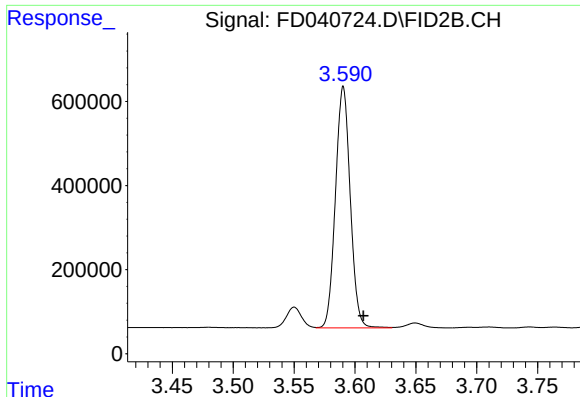
(m)=manual int.

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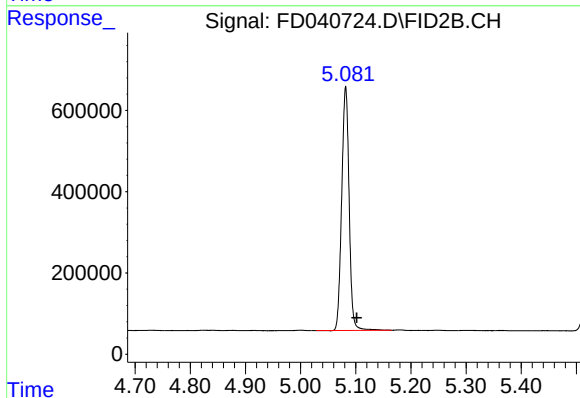
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Signal Info : 20M x 0.18mm x 0.18µm





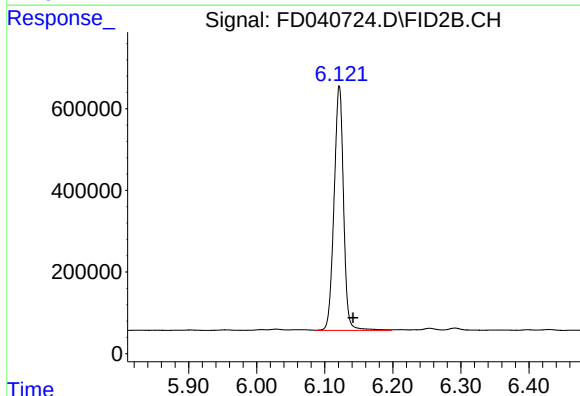
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.590 min
Delta R.T.: -0.017 min
Response: 4847150
Conc: 31.34 ug/ml



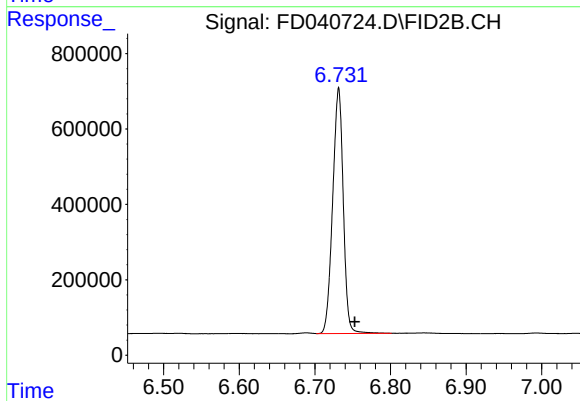
#2 Naphthalene (C11.7)

R.T.: 5.082 min
Delta R.T.: -0.020 min
Response: 5609681
Conc: 35.05 ug/ml



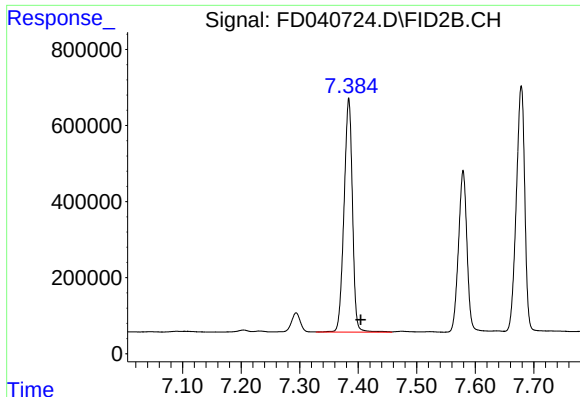
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.121 min
Delta R.T.: -0.021 min
Response: 5806631
Conc: 35.77 ug/ml



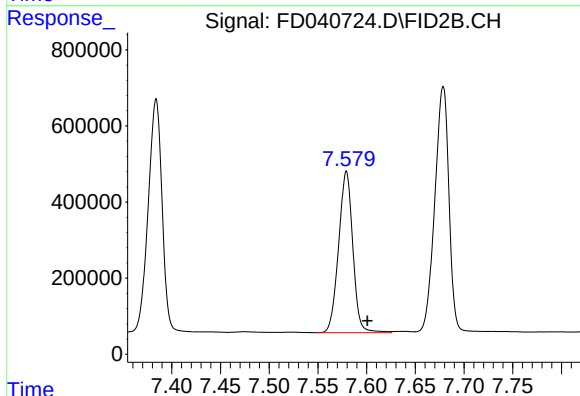
#4 2-Bromonaphthalene (SURR)

R.T.: 6.731 min
Delta R.T.: -0.022 min
Response: 6339712
Conc: 44.33 ug/ml



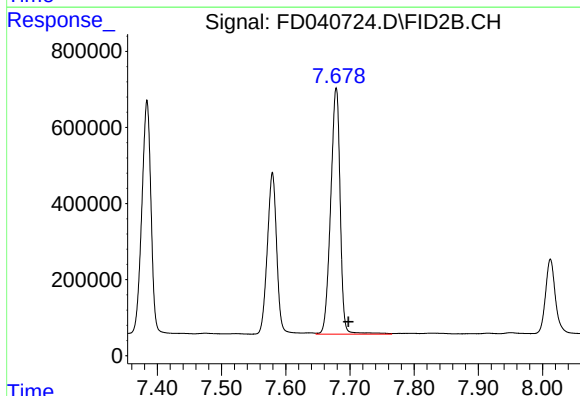
#5 Acenaphthylene (C15.06)

R.T.: 7.384 min
Delta R.T.: -0.021 min
Response: 6155909
Conc: 40.95 ug/ml



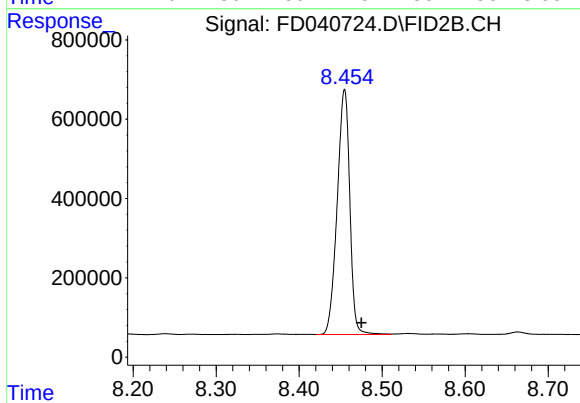
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.579 min
Delta R.T.: -0.022 min
Response: 4310745
Conc: 45.27 ug/ml



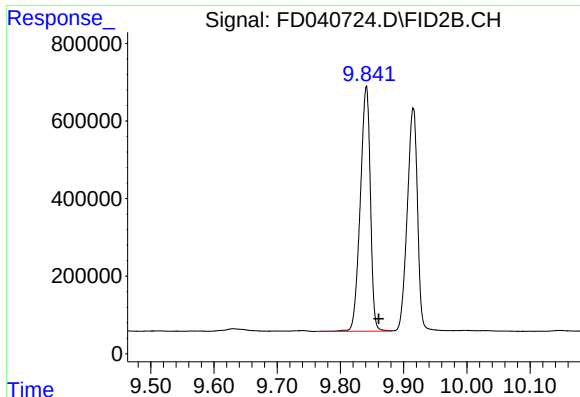
#7 Acenaphthene (C15.5)

R.T.: 7.678 min
Delta R.T.: -0.019 min
Response: 6640465
Conc: 41.20 ug/ml



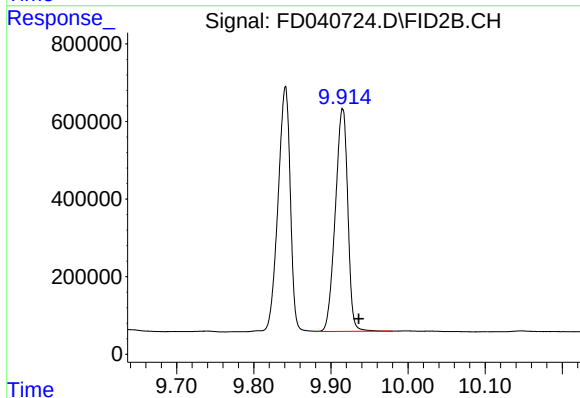
#8 Fluorene (C16.55)

R.T.: 8.454 min
Delta R.T.: -0.020 min
Response: 6533576
Conc: 42.04 ug/ml



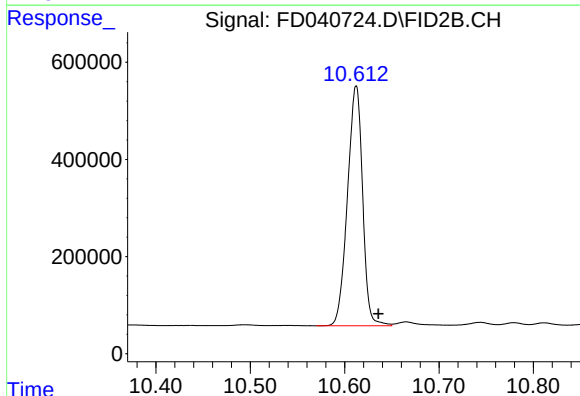
#9 Phenanthrene (C19.36)

R.T.: 9.841 min
Delta R.T.: -0.020 min
Response: 6979904
Conc: 45.37 ug/ml



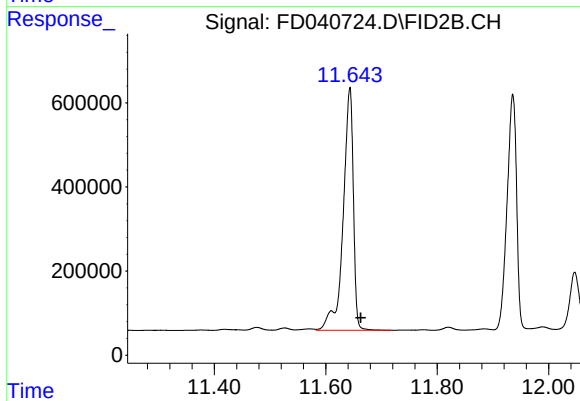
#10 Anthracene (C19.43)

R.T.: 9.915 min
Delta R.T.: -0.021 min
Response: 6461147
Conc: 44.22 ug/ml



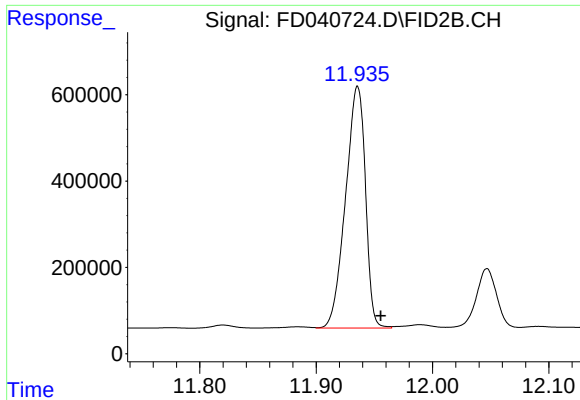
#11 ortho-Terphenyl (SURR)

R.T.: 10.612 min
Delta R.T.: -0.024 min
Response: 5504058
Conc: 35.22 ug/ml



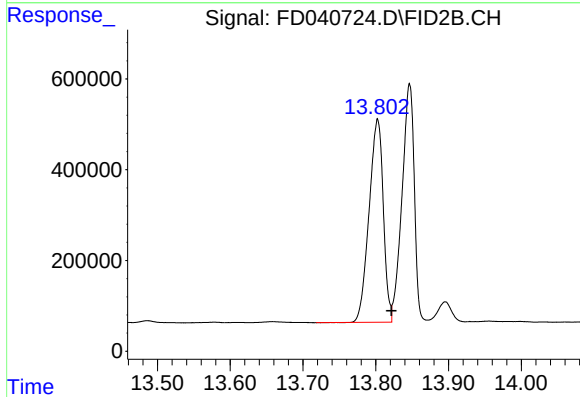
#12 Fluoranthene (C21.85)

R.T.: 11.643 min
Delta R.T.: -0.020 min
Response: 7349332
Conc: 47.33 ug/ml



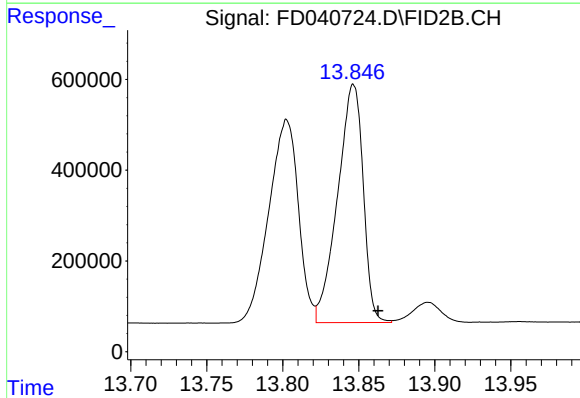
#13 Pyrene (C20.8)

R.T.: 11.935 min
Delta R.T.: -0.020 min
Response: 6664264
Conc: 44.15 ug/ml



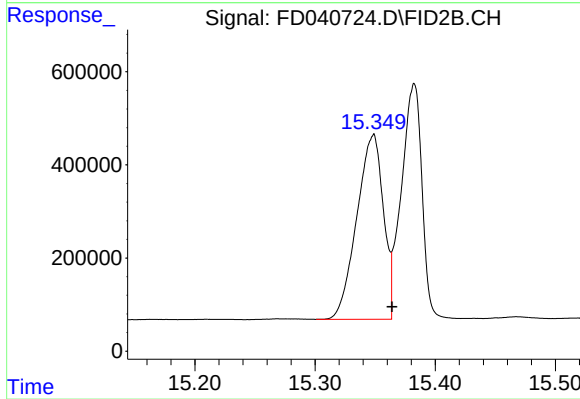
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.802 min
Delta R.T.: -0.019 min
Response: 6083310
Conc: 45.86 ug/ml



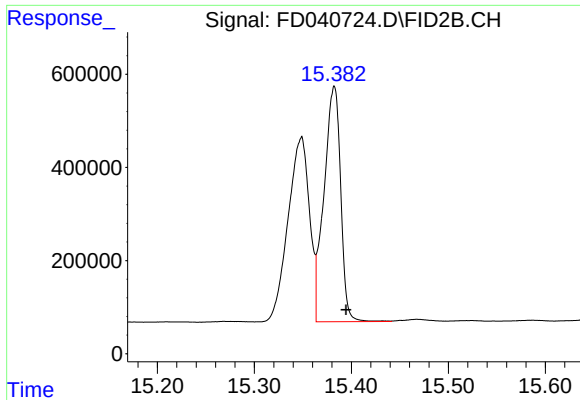
#15 Chrysene (C27.41)

R.T.: 13.846 min
Delta R.T.: -0.016 min
Response: 6147781
Conc: 42.04 ug/ml



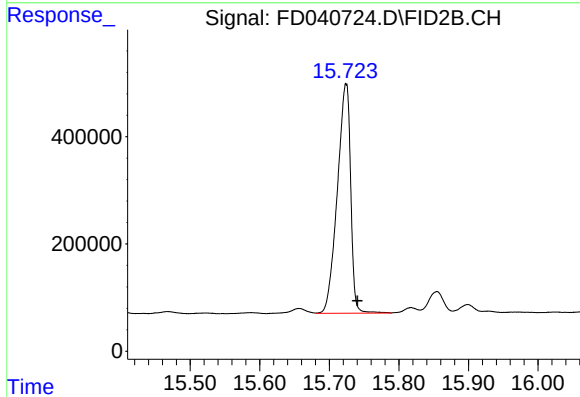
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.348 min
Delta R.T.: -0.016 min
Response: 6088270
Conc: 44.56 ug/ml



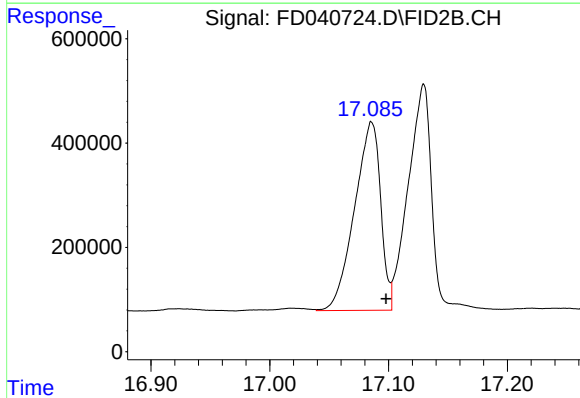
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.382 min
Delta R.T.: -0.013 min
Response: 6039376
Conc: 43.63 ug/ml



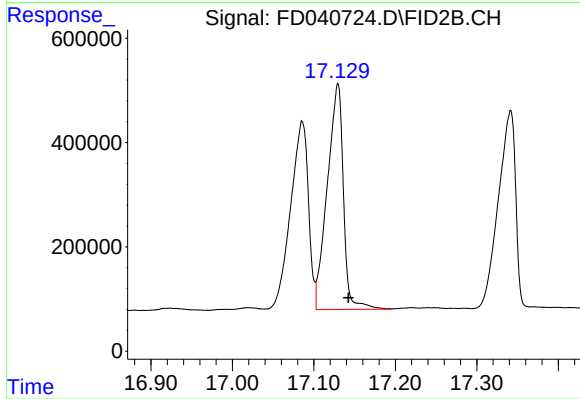
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.724 min
Delta R.T.: -0.017 min
Response: 5714751
Conc: 43.84 ug/ml



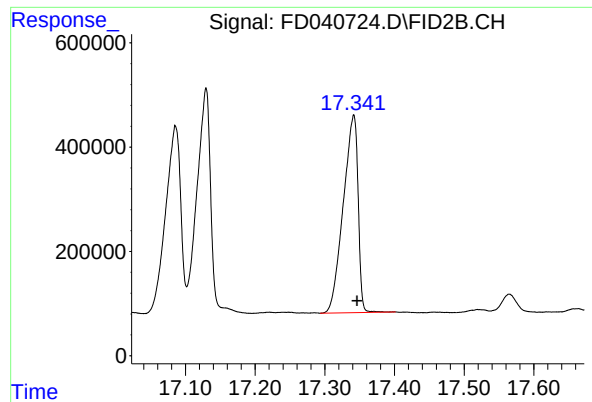
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.085 min
Delta R.T.: -0.013 min
Response: 5521421
Conc: 45.31 ug/ml



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

R.T.: 17.129 min
Delta R.T.: -0.014 min
Response: 5966214
Conc: 49.05 ug/ml



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

R.T.: 17.341 min
Delta R.T.: -0.006 min
Response: 5591944
Conc: 43.55 ug/ml