

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122221AR\
 Data File : FD040112.D
 Signal(s) : FID2B.CH
 Acq On : 23 Dec 2021 00:11
 Operator : AJ\MA
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 23 03:09:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122221.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 23 03:08:59 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...	6.844	7392069	49.438 ug/ml
Spiked Amount 50.000		Recovery =	98.88%
6) S 2-Fluorobiphenyl (SURR)	7.696	5031480	49.367 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.73%
11) S ortho-Terphenyl (SURR)	10.737	7869753	49.596 ug/ml
Spiked Amount 50.000		Recovery =	99.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.688	8125755	49.634 ug/ml
2) T Naphthalene (C11.7)	5.191	8551607	49.612 ug/ml
3) T 2-Methylnaphthalene (...)	6.234	8515289	49.563 ug/ml
5) T Acenaphthylene (C15.06)	7.502	8167553	49.720 ug/ml
7) T Acenaphthene (C15.5)	7.797	8718608	49.495 ug/ml
8) T Fluorene (C16.55)	8.574	7898385	49.537 ug/ml
9) T Phenanthrene (C19.36)	9.964	7707762	49.643 ug/ml
10) T Anthracene (C19.43)	10.039	7654077	49.630 ug/ml
12) T Fluoranthene (C21.85)	11.770	7439096	50.194 ug/ml
13) T Pyrene (C20.8)	12.065	7687297	50.260 ug/ml
14) T Benzo[a]anthracene (C...	13.934	6923627	51.451 ug/ml
15) T Chrysene (C27.41)	13.978	7092430	51.113 ug/ml
16) T benzo[b]fluoranthene ...	15.479	6633533	51.050 ug/ml
17) T Bnezo[k]fluoranthene ...	15.516	6585638	50.604 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.857	6271708	50.706 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.219	6119784	50.571 ug/ml
20) T Dibenz[a,h]anthracene...	17.263	6195061	49.731 ug/ml
21) T Benzo[g,h,i]perylene ...	17.474	5906051	50.051 ug/ml

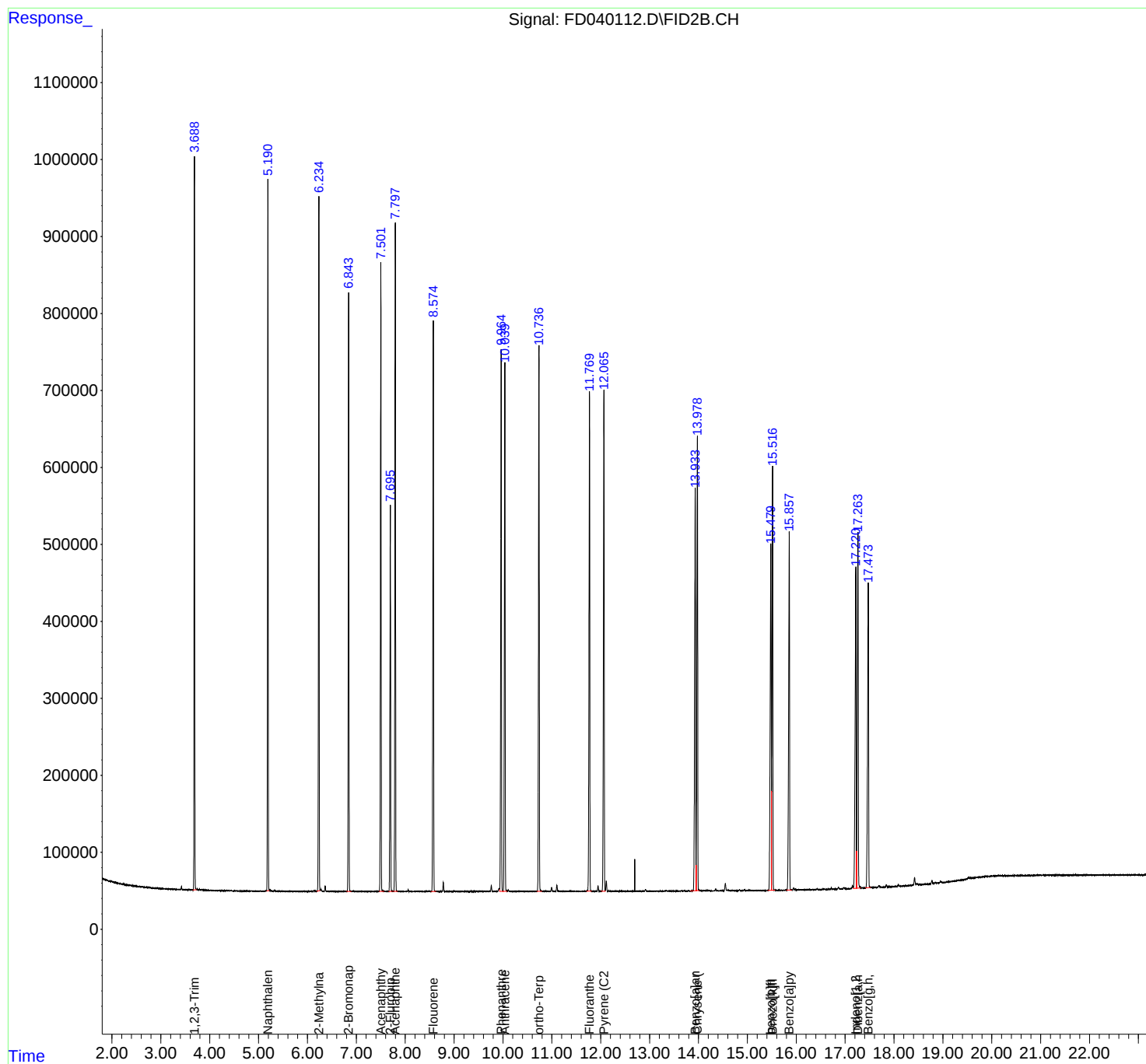
(f)=RT Delta > 1/2 Window

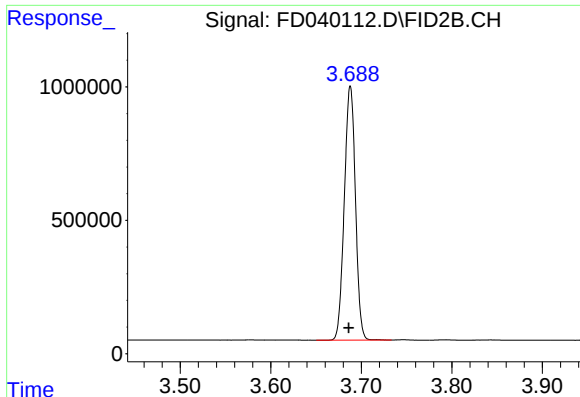
(m)=manual int.

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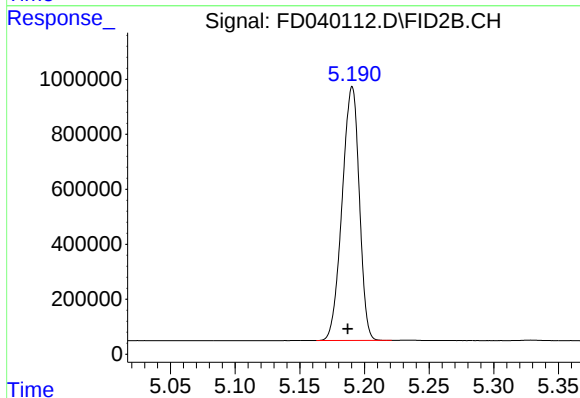
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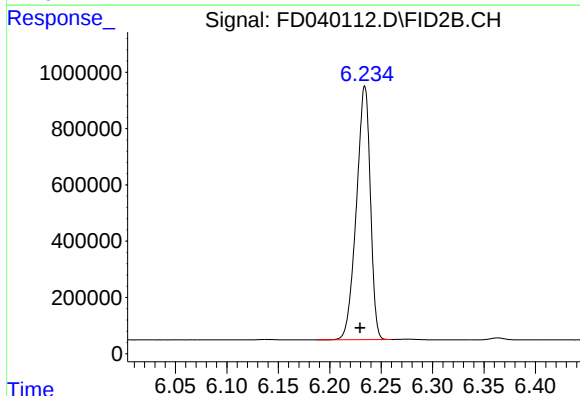
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.688 min
Delta R.T.: 0.002 min
Response: 8125755
Conc: 49.63 ug/ml



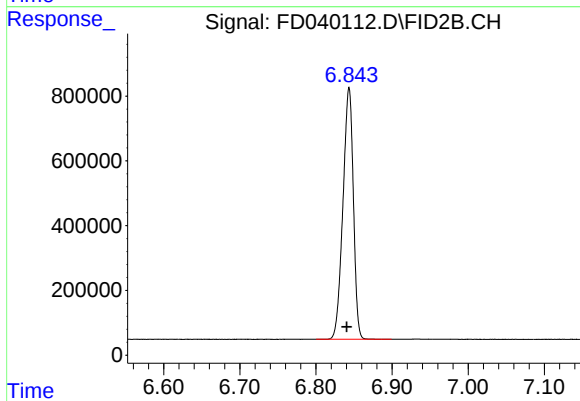
#2 Naphthalene (C11.7)

R.T.: 5.191 min
Delta R.T.: 0.004 min
Response: 8551607
Conc: 49.61 ug/ml



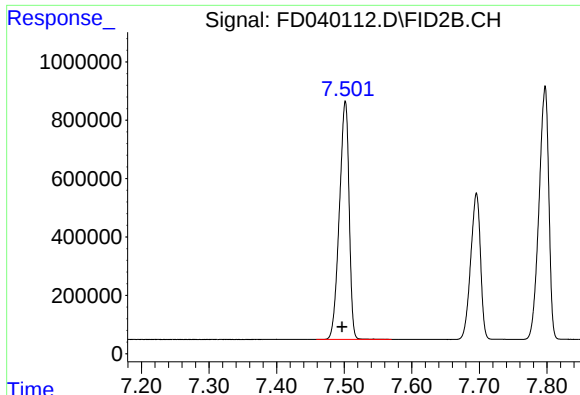
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.234 min
Delta R.T.: 0.005 min
Response: 8515289
Conc: 49.56 ug/ml



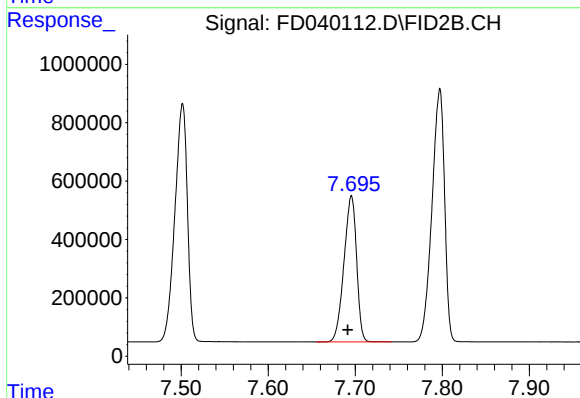
#4 2-Bromonaphthalene (SURR)

R.T.: 6.844 min
Delta R.T.: 0.003 min
Response: 7392069
Conc: 49.44 ug/ml



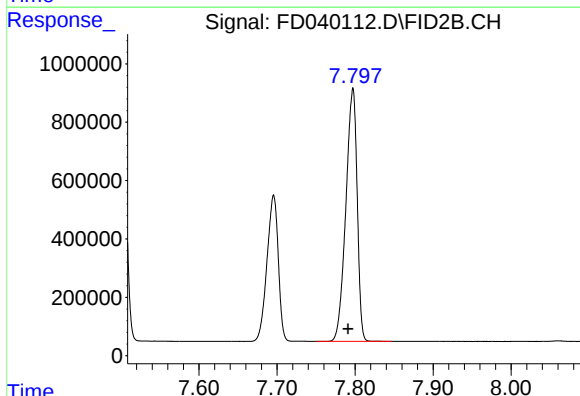
#5 Acenaphthylene (C15.06)

R.T.: 7.502 min
Delta R.T.: 0.005 min
Response: 8167553
Conc: 49.72 ug/ml



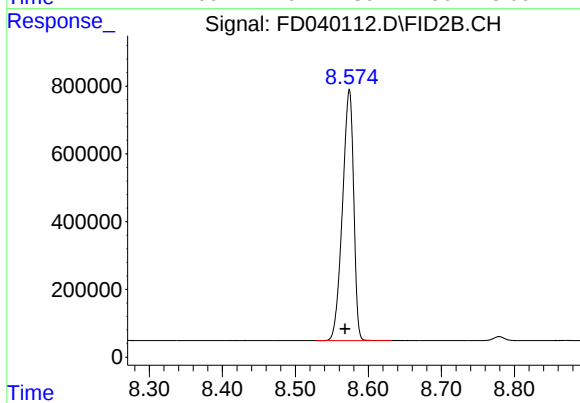
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.696 min
Delta R.T.: 0.004 min
Response: 5031480
Conc: 49.37 ug/ml



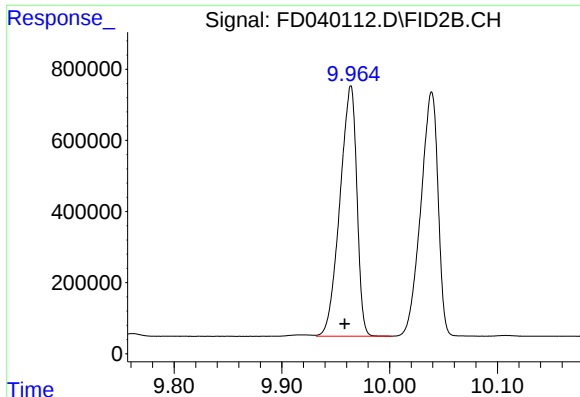
#7 Acenaphthene (C15.5)

R.T.: 7.797 min
Delta R.T.: 0.007 min
Response: 8718608
Conc: 49.49 ug/ml



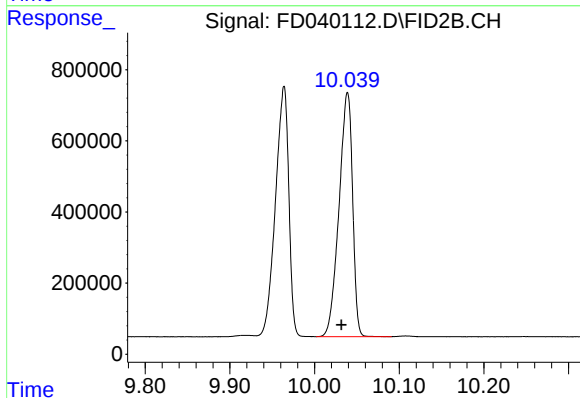
#8 Fluorene (C16.55)

R.T.: 8.574 min
Delta R.T.: 0.006 min
Response: 7898385
Conc: 49.54 ug/ml



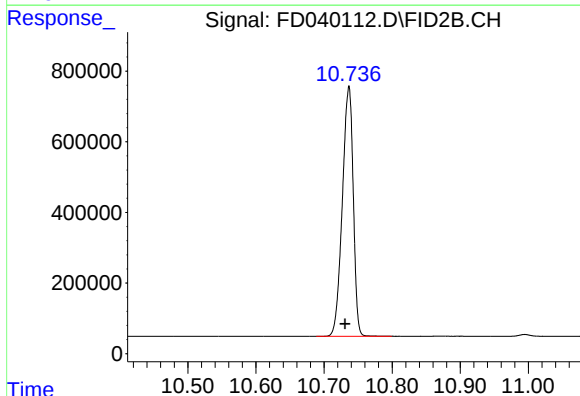
#9 Phenanthrene (C19.36)

R.T.: 9.964 min
Delta R.T.: 0.006 min
Response: 7707762
Conc: 49.64 ug/ml



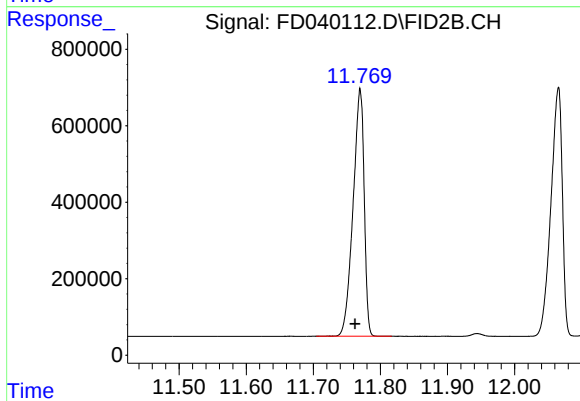
#10 Anthracene (C19.43)

R.T.: 10.039 min
Delta R.T.: 0.007 min
Response: 7654077
Conc: 49.63 ug/ml



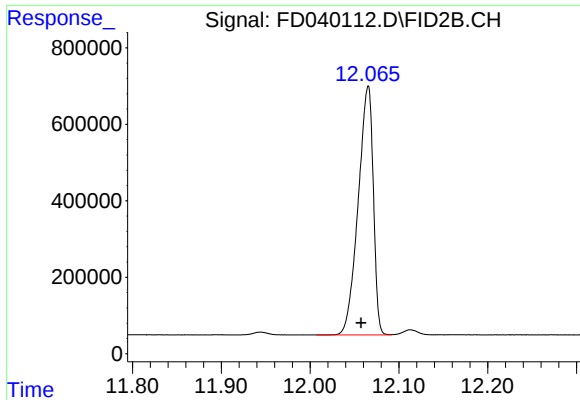
#11 ortho-Terphenyl (SURR)

R.T.: 10.737 min
Delta R.T.: 0.006 min
Response: 7869753
Conc: 49.60 ug/ml



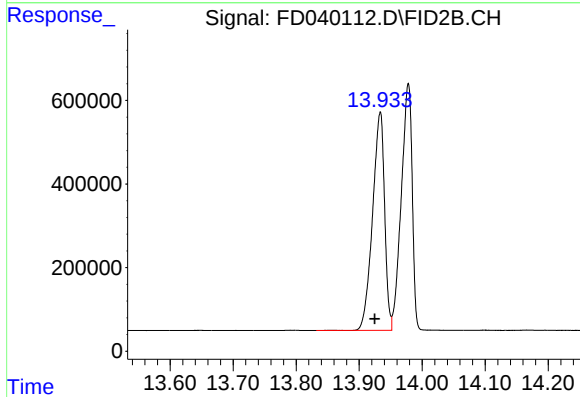
#12 Fluoranthene (C21.85)

R.T.: 11.770 min
Delta R.T.: 0.008 min
Response: 7439096
Conc: 50.19 ug/ml



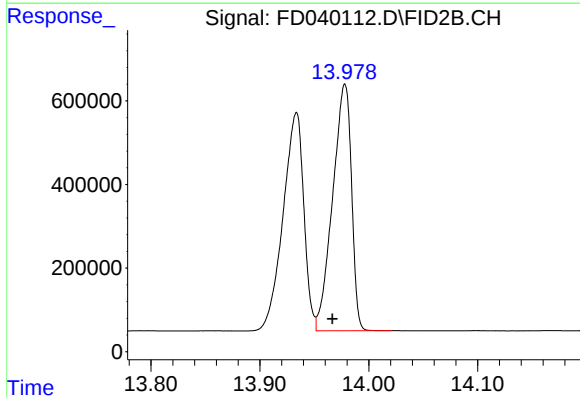
#13 Pyrene (C20.8)

R.T.: 12.065 min
Delta R.T.: 0.008 min
Response: 7687297
Conc: 50.26 ug/ml



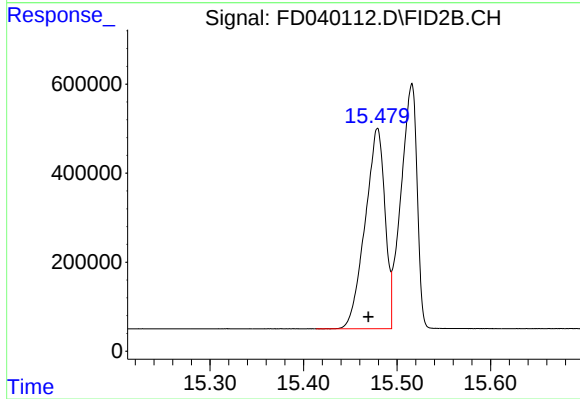
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.934 min
Delta R.T.: 0.009 min
Response: 6923627
Conc: 51.45 ug/ml



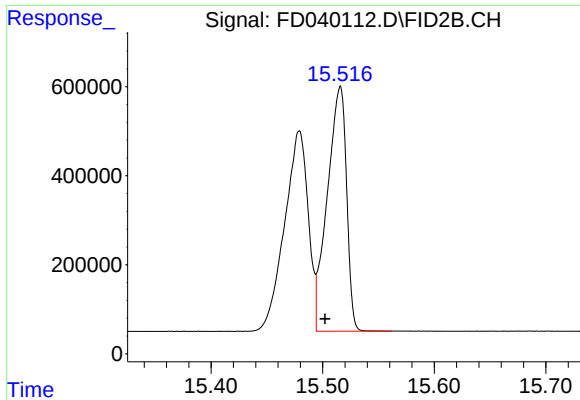
#15 Chrysene (C27.41)

R.T.: 13.978 min
Delta R.T.: 0.012 min
Response: 7092430
Conc: 51.11 ug/ml



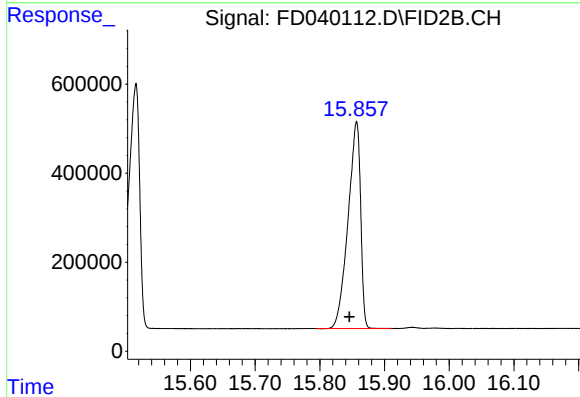
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.479 min
Delta R.T.: 0.010 min
Response: 6633533
Conc: 51.05 ug/ml



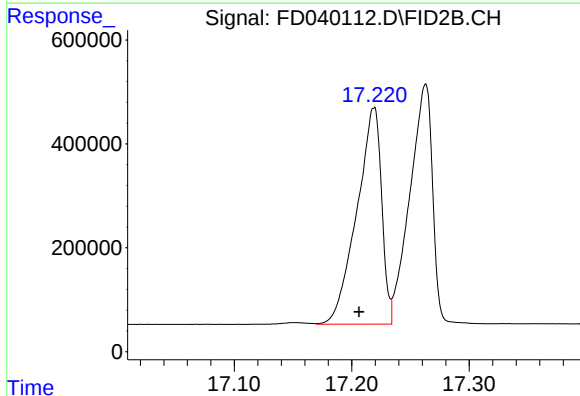
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.516 min
Delta R.T.: 0.014 min
Response: 6585638
Conc: 50.60 ug/ml



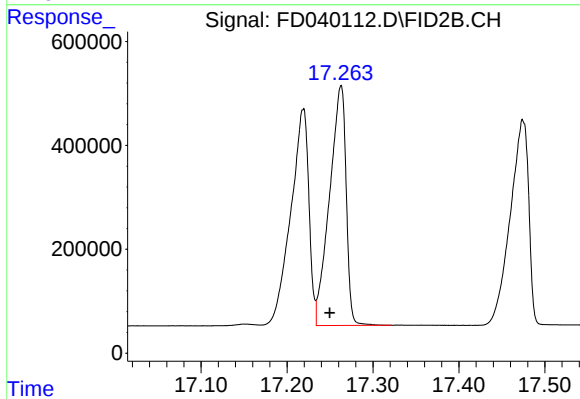
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.857 min
Delta R.T.: 0.011 min
Response: 6271708
Conc: 50.71 ug/ml



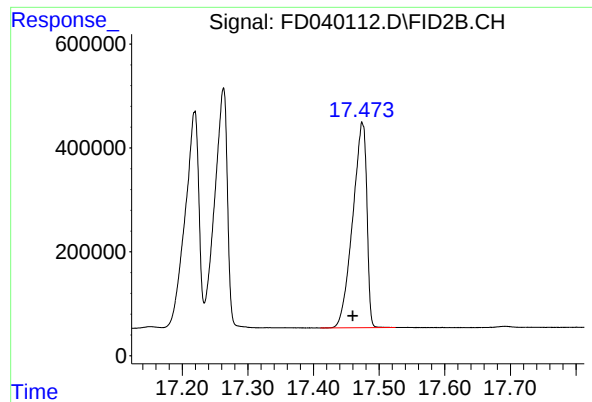
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.219 min
Delta R.T.: 0.013 min
Response: 6119784
Conc: 50.57 ug/ml



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

R.T.: 17.263 min
Delta R.T.: 0.013 min
Response: 6195061
Conc: 49.73 ug/ml



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

R.T.: 17.474 min
Delta R.T.: 0.015 min
Response: 5906051
Conc: 50.05 ug/ml