

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050719AR\
 Data File : FD029122.D
 Signal(s) : FID2B.CH
 Acq On : 07 May 2019 12:13
 Operator : AJ\SJ
 Sample : PB119421BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 08 01:23:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 041919.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 19 05:29:12 2019
 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...	7.086	4550325	45.620 ug/ml
Spiked Amount 50.000		Recovery =	91.24%
6) S 2-Fluorobiphenyl (SURR)	7.952	3084799	45.014 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.03%
11) S ortho-Terphenyl (SURR)	10.990	4577458	42.963 ug/ml
Spiked Amount 50.000		Recovery =	85.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.909	374042	3.956 ug/ml
2) T Naphthalene (C11.7)	5.430	790105	7.394 ug/ml
3) T 2-Methylnaphthalene (...)	6.477	1097291	10.026 ug/ml
5) T Acenaphthylene (C15.06)	7.753	1531901	14.309 ug/ml
7) T Acenaphthene (C15.5)	8.049	1870569	16.642 ug/ml
8) T Fluorene (C16.55)	8.830	2898011	25.895 ug/ml
9) T Phenanthrene (C19.36)	10.229	4079206	37.998 ug/ml
10) T Anthracene (C19.43)	10.304	4162009	39.126 ug/ml
12) T Fluoranthene (C21.85)	12.041	4705789	46.833 ug/ml
13) T Pyrene (C20.8)	12.340	4708882	46.394 ug/ml
14) T Benzo[a]anthracene (C...	14.206	4619540	45.549 ug/ml
15) T Chrysene (C27.41)	14.249	4832543	47.404 ug/ml
16) T benzo[b]fluoranthene ...	15.753	4840314	45.114 ug/ml
17) T Bnezo[k]fluoranthene ...	15.789	4488127	42.268 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.133	4376824	40.977 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.496	4590811	42.505 ug/ml
20) T Dibenz[a,h]anthracene...	17.533	4081298	38.498 ug/ml
21) T Benzo[g,h,i]perylene ...	17.754	4592833	42.902 ug/ml

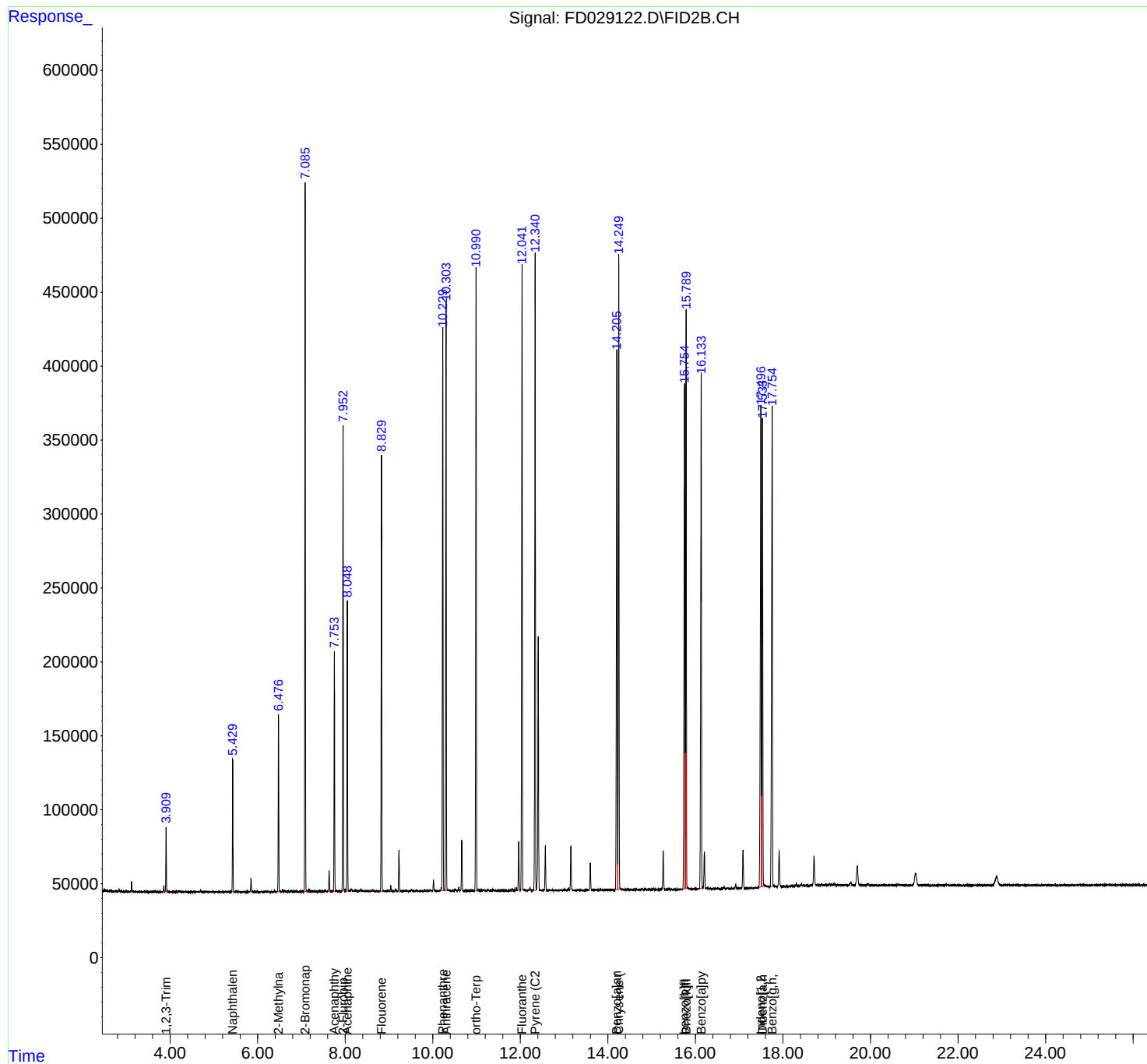
(f)=RT Delta > 1/2 Window

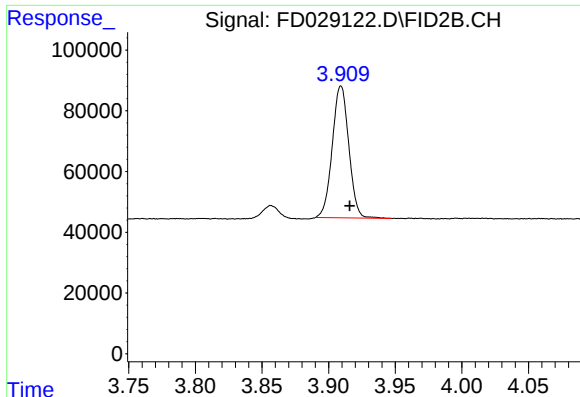
(m)=manual int.

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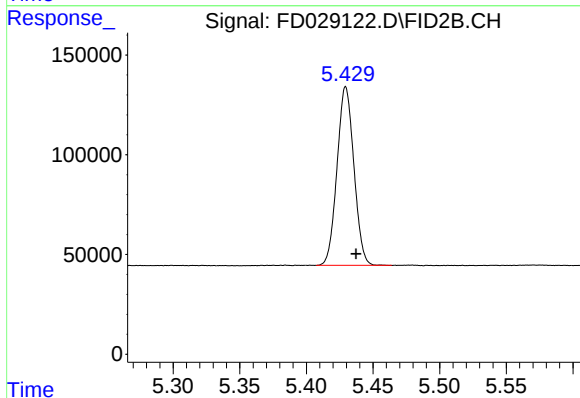
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Signal Info : 20M x 0.18mm x 0.18µm





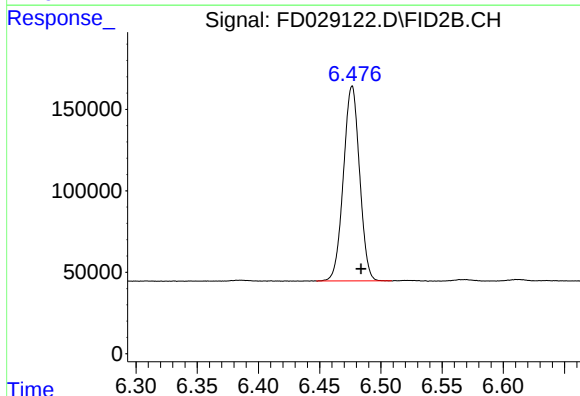
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.909 min
Delta R.T.: -0.007 min
Response: 374042
Conc: 3.96 ug/ml



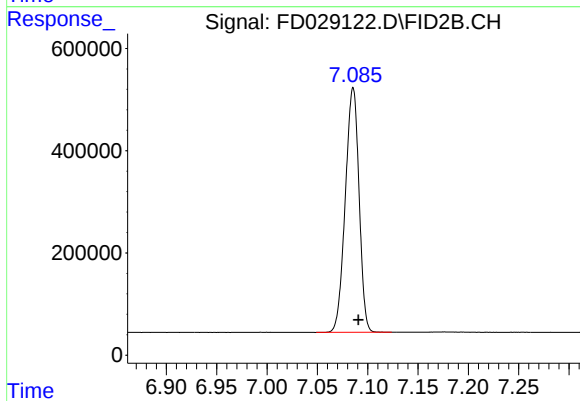
#2 Naphthalene (C11.7)

R.T.: 5.430 min
Delta R.T.: -0.008 min
Response: 790105
Conc: 7.39 ug/ml



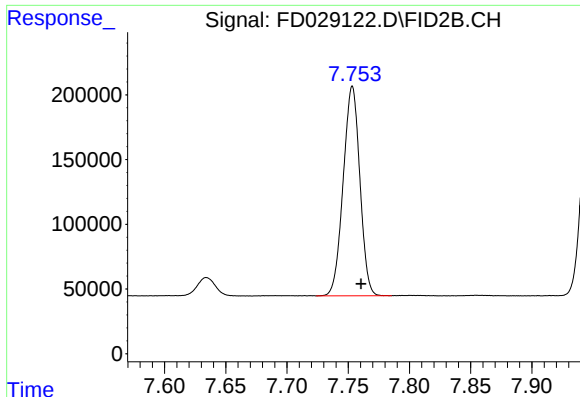
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.477 min
Delta R.T.: -0.007 min
Response: 1097291
Conc: 10.03 ug/ml



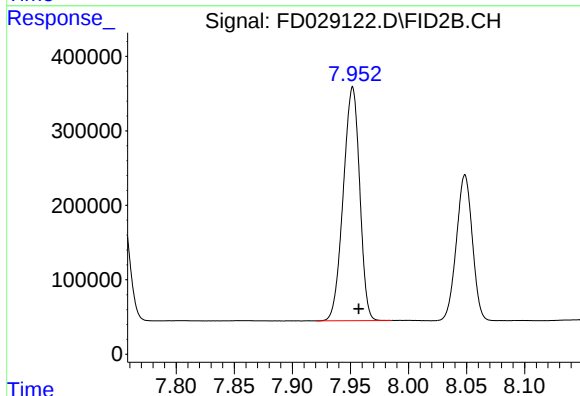
#4 2-Bromonaphthalene (SURR)

R.T.: 7.086 min
Delta R.T.: -0.005 min
Response: 4550325
Conc: 45.62 ug/ml



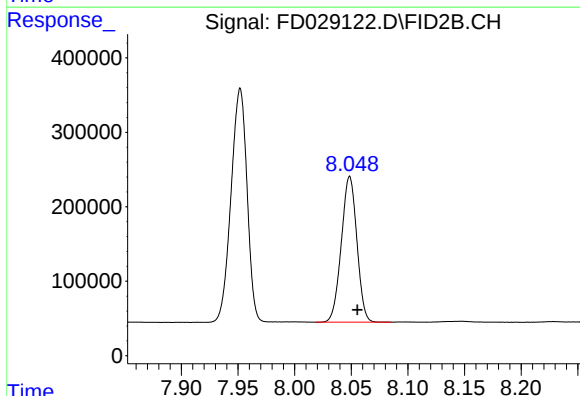
#5 Acenaphthylene (C15.06)

R.T.: 7.753 min
Delta R.T.: -0.007 min
Response: 1531901
Conc: 14.31 ug/ml



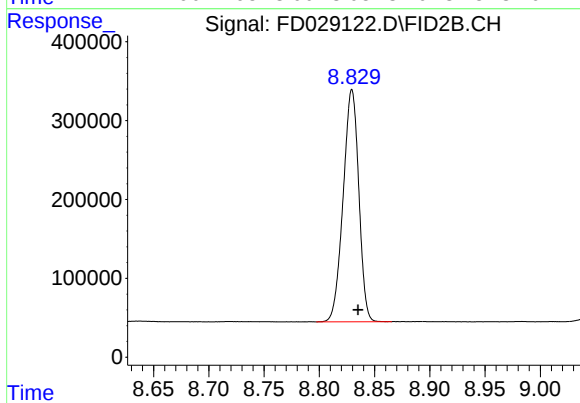
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.952 min
Delta R.T.: -0.005 min
Response: 3084799
Conc: 45.01 ug/ml



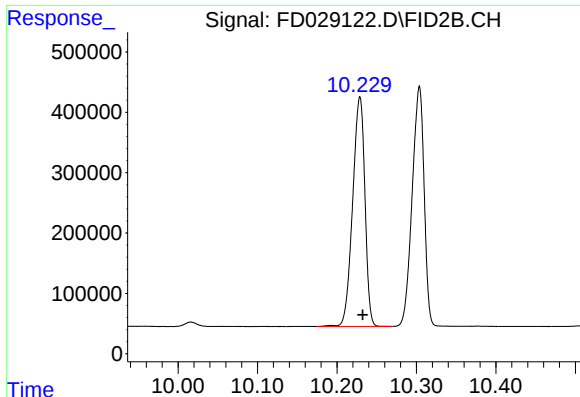
#7 Acenaphthene (C15.5)

R.T.: 8.049 min
Delta R.T.: -0.007 min
Response: 1870569
Conc: 16.64 ug/ml



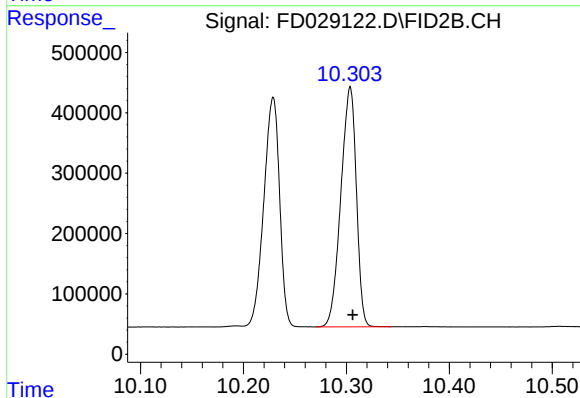
#8 Fluorene (C16.55)

R.T.: 8.830 min
Delta R.T.: -0.006 min
Response: 2898011
Conc: 25.89 ug/ml



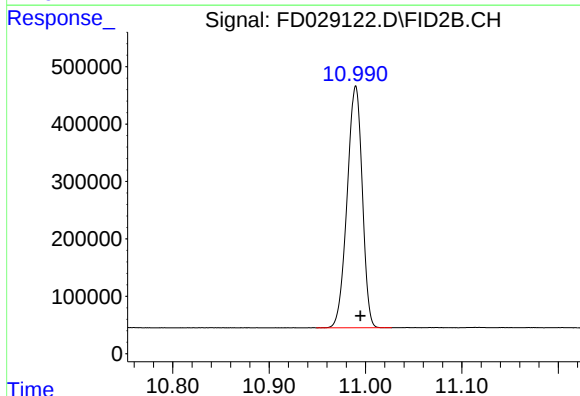
#9 Phenanthrene (C19.36)

R.T.: 10.229 min
Delta R.T.: -0.004 min
Response: 4079206
Conc: 38.00 ug/ml



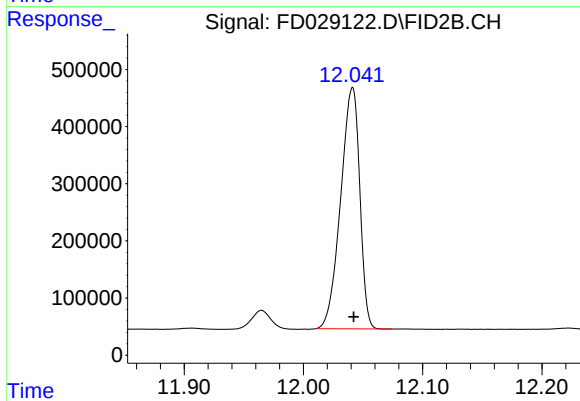
#10 Anthracene (C19.43)

R.T.: 10.304 min
Delta R.T.: -0.002 min
Response: 4162009
Conc: 39.13 ug/ml



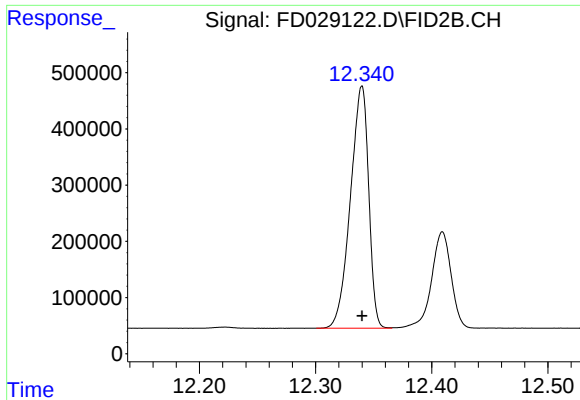
#11 ortho-Terphenyl (SURR)

R.T.: 10.990 min
Delta R.T.: -0.005 min
Response: 4577458
Conc: 42.96 ug/ml



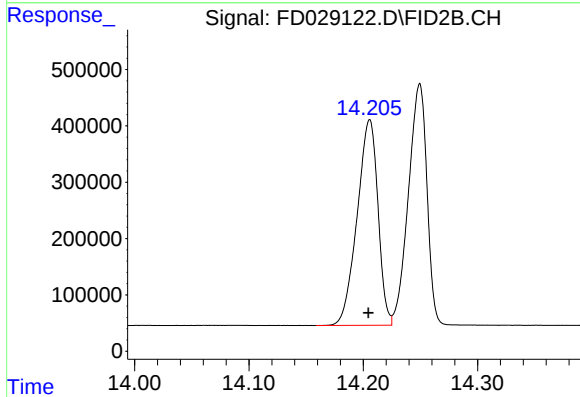
#12 Fluoranthene (C21.85)

R.T.: 12.041 min
Delta R.T.: -0.001 min
Response: 4705789
Conc: 46.83 ug/ml



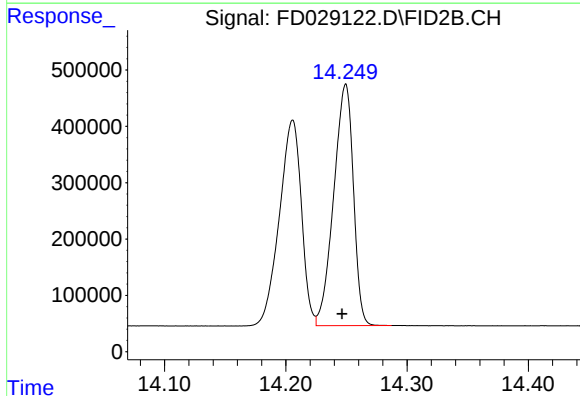
#13 Pyrene (C20.8)

R.T.: 12.340 min
Delta R.T.: 0.000 min
Response: 4708882
Conc: 46.39 ug/ml



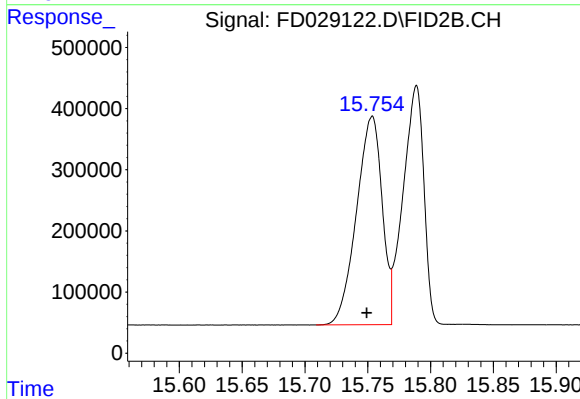
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.206 min
Delta R.T.: 0.001 min
Response: 4619540
Conc: 45.55 ug/ml



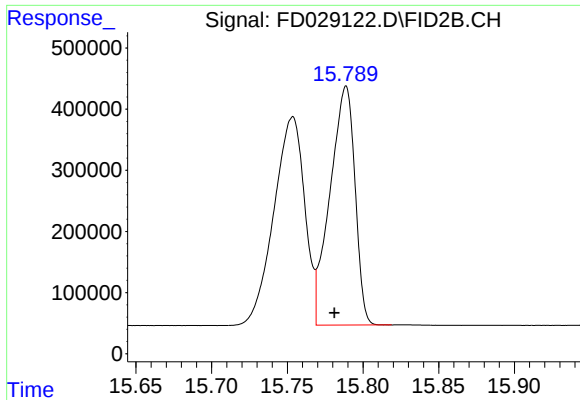
#15 Chrysene (C27.41)

R.T.: 14.249 min
Delta R.T.: 0.003 min
Response: 4832543
Conc: 47.40 ug/ml



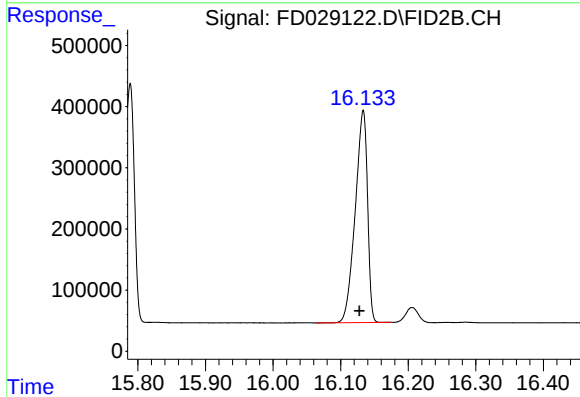
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.753 min
Delta R.T.: 0.004 min
Response: 4840314
Conc: 45.11 ug/ml



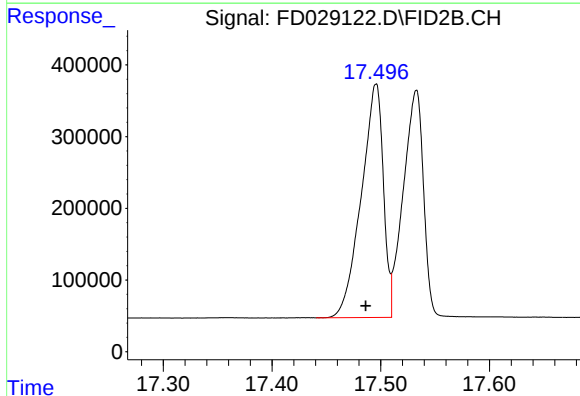
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.789 min
Delta R.T.: 0.008 min
Response: 4488127
Conc: 42.27 ug/ml



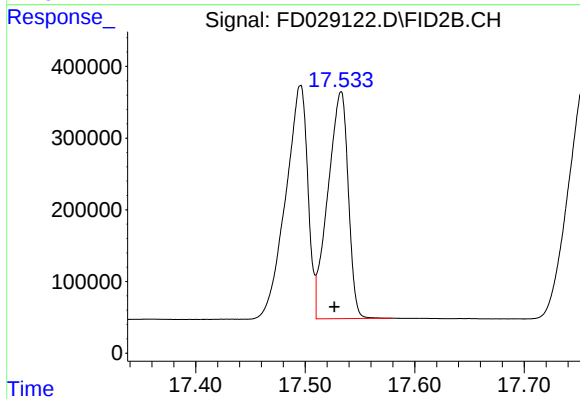
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.133 min
Delta R.T.: 0.006 min
Response: 4376824
Conc: 40.98 ug/ml



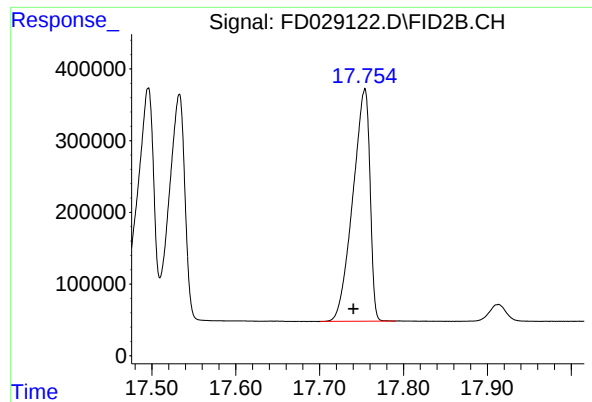
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.496 min
Delta R.T.: 0.009 min
Response: 4590811
Conc: 42.50 ug/ml



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

R.T.: 17.533 min
Delta R.T.: 0.006 min
Response: 4081298
Conc: 38.50 ug/ml



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

R.T.: 17.754 min
Delta R.T.: 0.014 min
Response: 4592833
Conc: 42.90 ug/ml