

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122021AR\
 Data File : FD040064.D
 Signal(s) : FID2B.CH
 Acq On : 20 Dec 2021 23:31
 Operator : AJ\MA
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 21 02:44:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122021.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 21 02:41:02 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...	6.850	629009	4.872 ug/ml
Spiked Amount 50.000		Recovery =	9.74%
6) S 2-Fluorobiphenyl (SURR)	7.701	421321	4.836 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.67%
11) S ortho-Terphenyl (SURR)	10.742	650065	4.875 ug/ml
Spiked Amount 50.000		Recovery =	9.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.695	685805	4.909 ug/ml
2) T Naphthalene (C11.7)	5.197	713256	4.875 ug/ml
3) T 2-Methylnaphthalene (...)	6.239	712102	4.850 ug/ml
5) T Acenaphthylene (C15.06)	7.506	647048	4.845 ug/ml
7) T Acenaphthene (C15.5)	7.801	688941	4.875 ug/ml
8) T Fluorene (C16.55)	8.577	675171	4.855 ug/ml
9) T Phenanthrene (C19.36)	9.968	658393	4.886 ug/ml
10) T Anthracene (C19.43)	10.041	630566	4.866 ug/ml
12) T Fluoranthene (C21.85)	11.772	633370	4.808 ug/ml
13) T Pyrene (C20.8)	12.067	618474	4.866 ug/ml
14) T Benzo[a]anthracene (C...	13.933	563755	4.843 ug/ml
15) T Chrysene (C27.41)	13.975	592503	4.874 ug/ml
16) T benzo[b]fluoranthene ...	15.478	578225	4.874 ug/ml
17) T Bnezo[k]fluoranthene ...	15.509	579726	4.940 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.854	565954	4.876 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.214	540658	4.758 ug/ml
20) T Dibenz[a,h]anthracene...	17.258	533134	4.653 ug/ml
21) T Benzo[g,h,i]perylene ...	17.465	570752	4.913 ug/ml

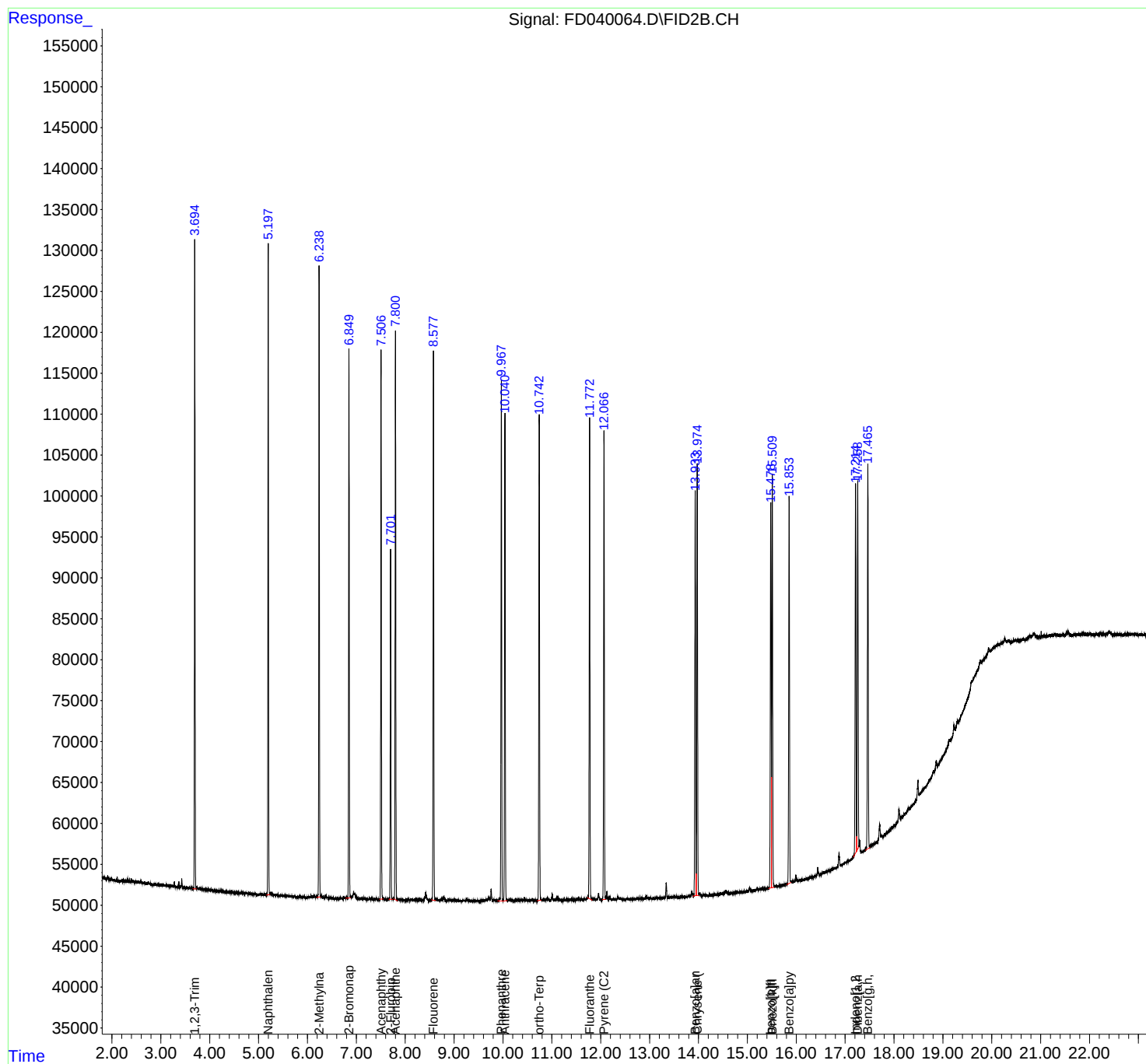
(f)=RT Delta > 1/2 Window

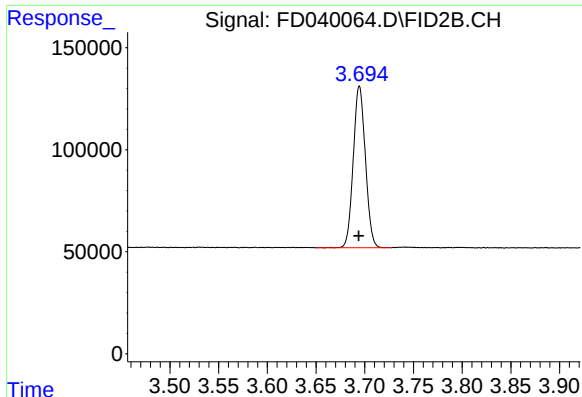
(m)=manual int.

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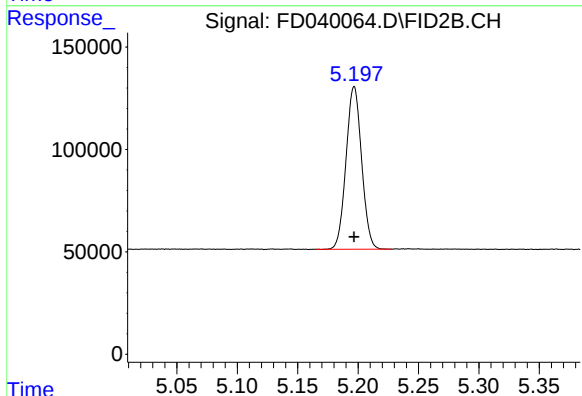
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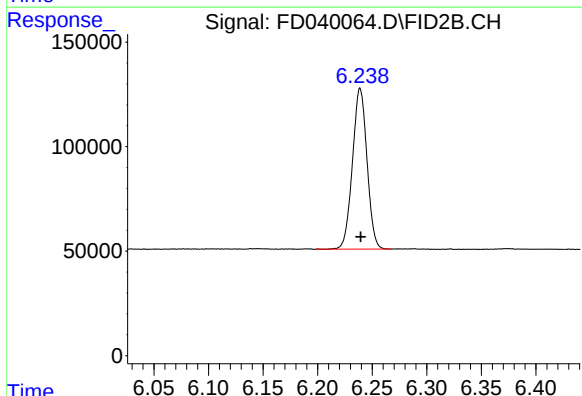
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.695 min
Delta R.T.: 0.000 min
Response: 685805
Conc: 4.91 ug/ml



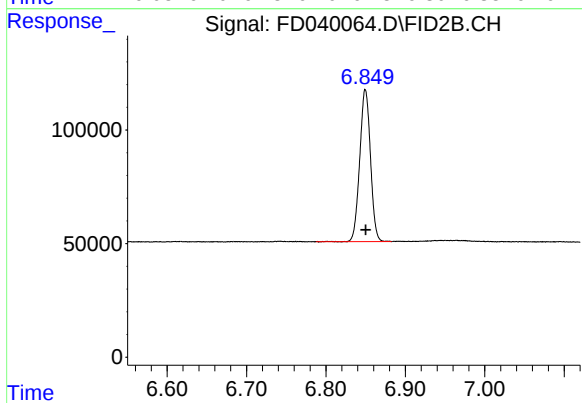
#2 Naphthalene (C11.7)

R.T.: 5.197 min
Delta R.T.: 0.000 min
Response: 713256
Conc: 4.87 ug/ml



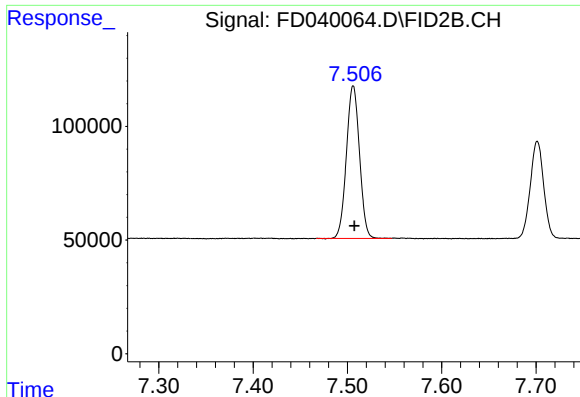
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 712102
Conc: 4.85 ug/ml



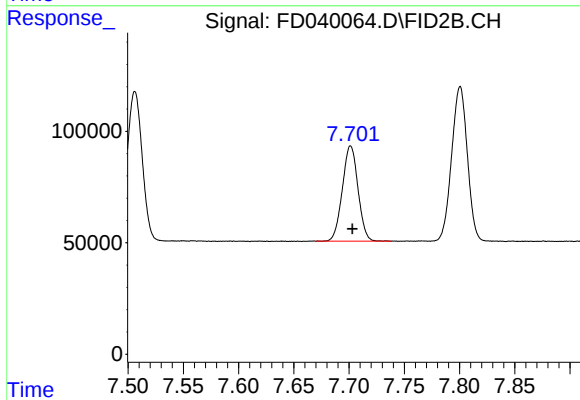
#4 2-Bromonaphthalene (SURR)

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 629009
Conc: 4.87 ug/ml



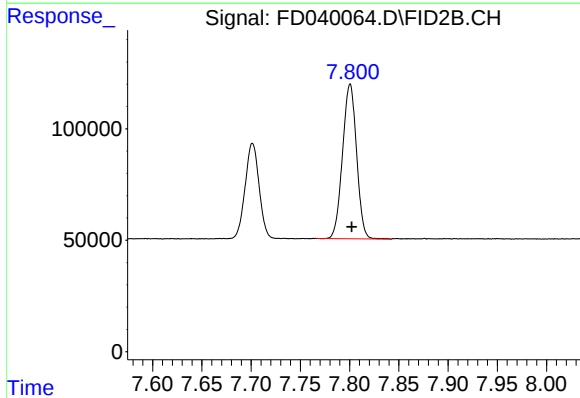
#5 Acenaphthylene (C15.06)

R.T.: 7.506 min
Delta R.T.: -0.001 min
Response: 647048
Conc: 4.85 ug/ml



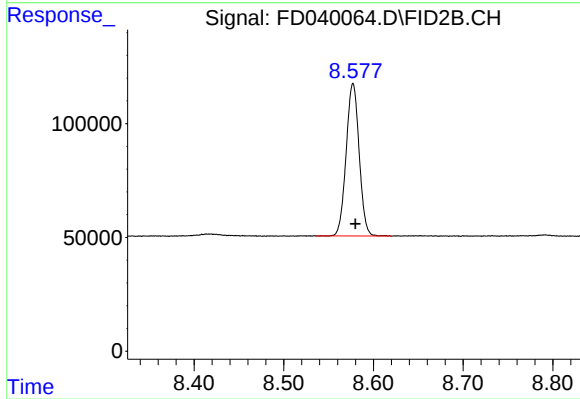
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.701 min
Delta R.T.: -0.002 min
Response: 421321
Conc: 4.84 ug/ml



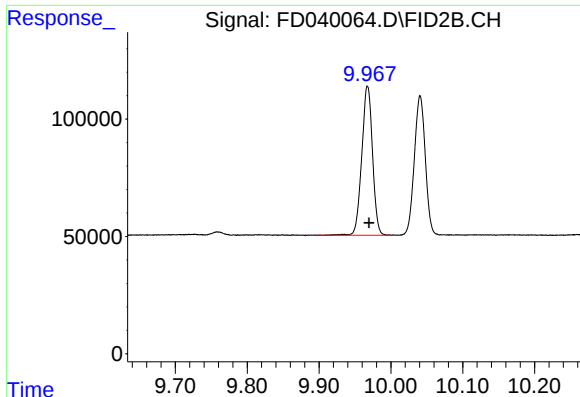
#7 Acenaphthene (C15.5)

R.T.: 7.801 min
Delta R.T.: -0.001 min
Response: 688941
Conc: 4.87 ug/ml



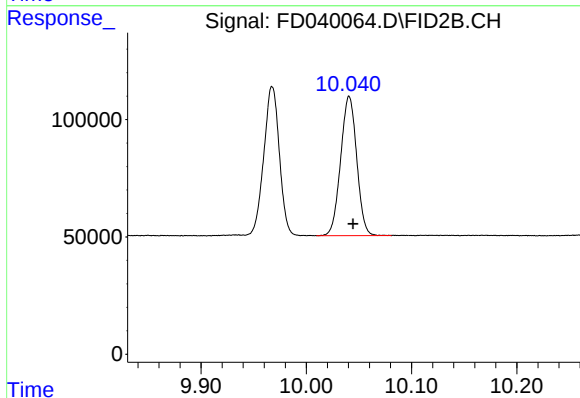
#8 Flouorene (C16.55)

R.T.: 8.577 min
Delta R.T.: -0.003 min
Response: 675171
Conc: 4.85 ug/ml



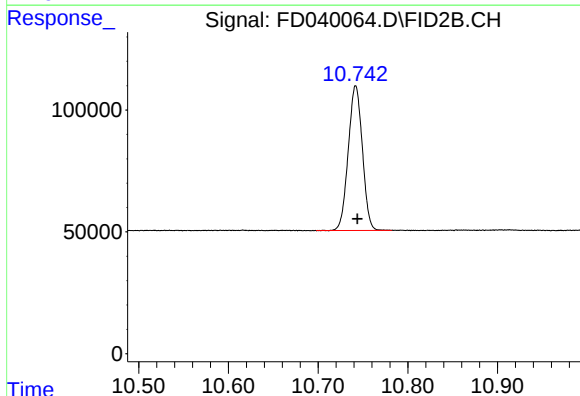
#9 Phenanthrene (C19.36)

R.T.: 9.968 min
Delta R.T.: -0.002 min
Response: 658393
Conc: 4.89 ug/ml



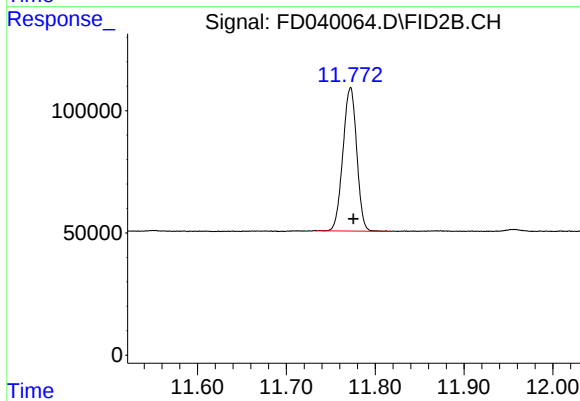
#10 Anthracene (C19.43)

R.T.: 10.041 min
Delta R.T.: -0.004 min
Response: 630566
Conc: 4.87 ug/ml



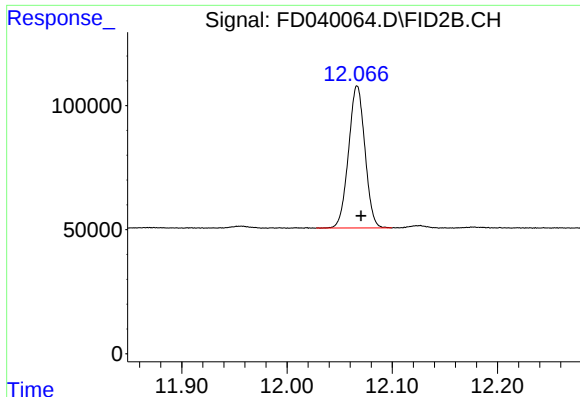
#11 ortho-Terphenyl (SURR)

R.T.: 10.742 min
Delta R.T.: -0.002 min
Response: 650065
Conc: 4.88 ug/ml



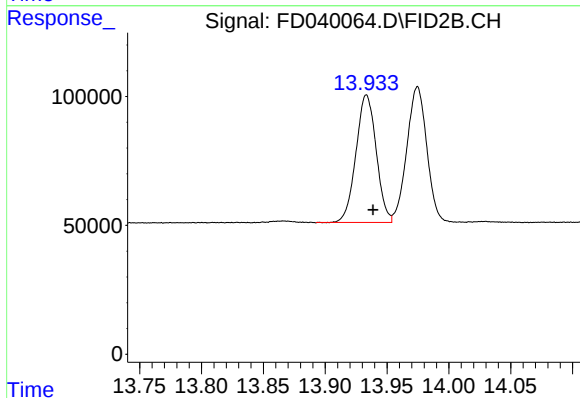
#12 Fluoranthene (C21.85)

R.T.: 11.772 min
Delta R.T.: -0.003 min
Response: 633370
Conc: 4.81 ug/ml



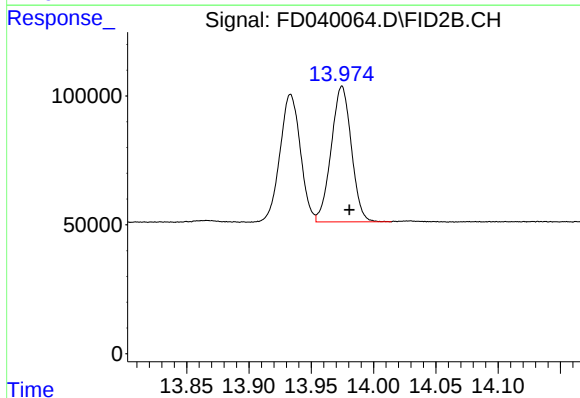
#13 Pyrene (C20.8)

R.T.: 12.067 min
Delta R.T.: -0.004 min
Response: 618474
Conc: 4.87 ug/ml



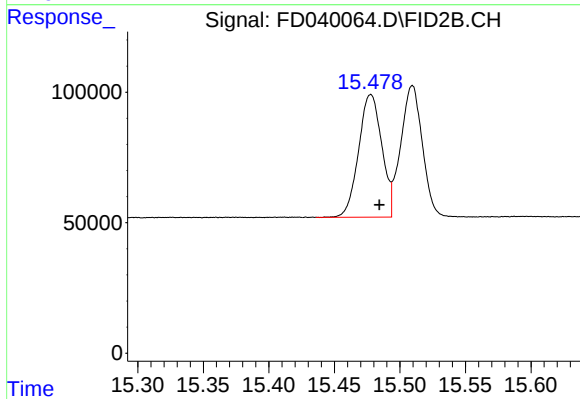
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.933 min
Delta R.T.: -0.005 min
Response: 563755
Conc: 4.84 ug/ml



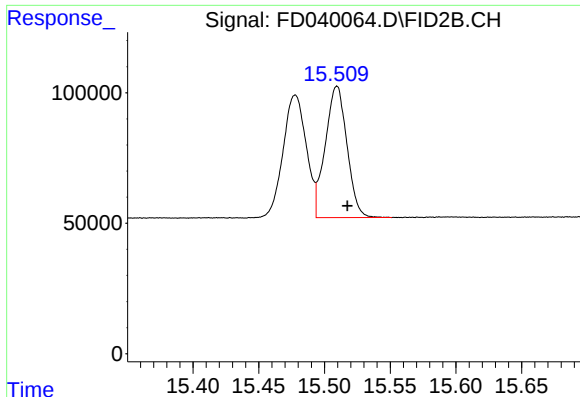
#15 Chrysene (C27.41)

R.T.: 13.975 min
Delta R.T.: -0.006 min
Response: 592503
Conc: 4.87 ug/ml



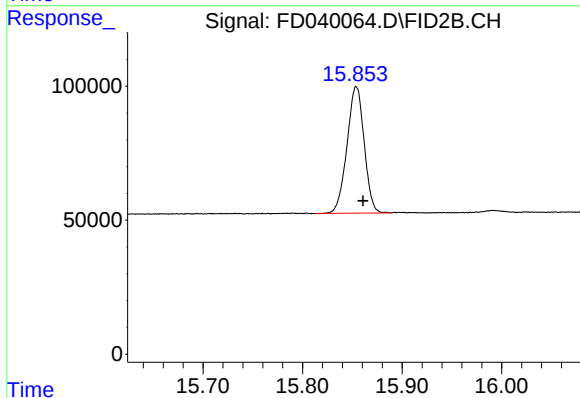
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.478 min
Delta R.T.: -0.007 min
Response: 578225
Conc: 4.87 ug/ml



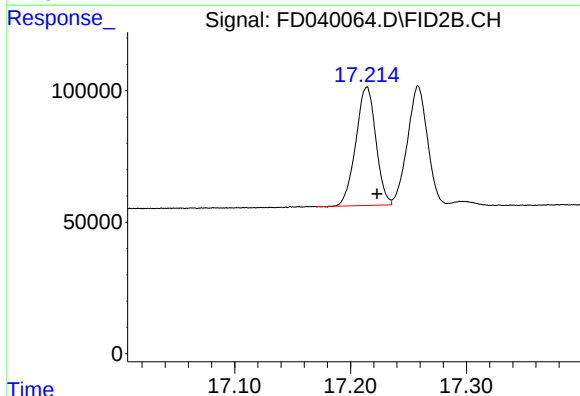
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.509 min
Delta R.T.: -0.008 min
Response: 579726
Conc: 4.94 ug/ml



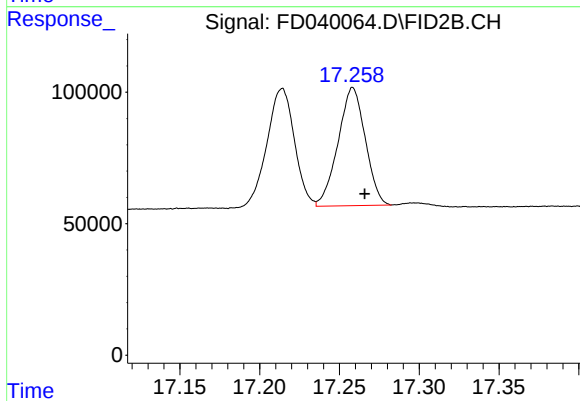
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.854 min
Delta R.T.: -0.007 min
Response: 565954
Conc: 4.88 ug/ml



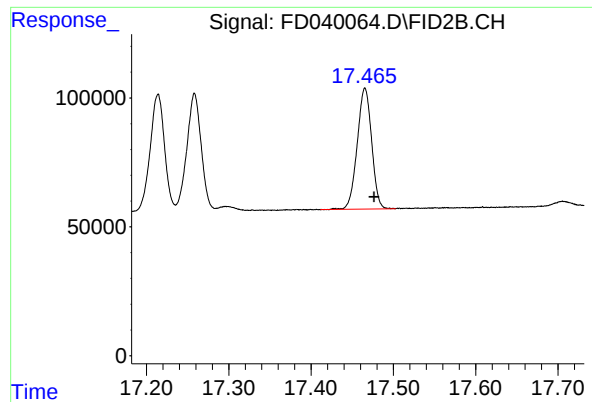
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.214 min
Delta R.T.: -0.009 min
Response: 540658
Conc: 4.76 ug/ml



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

R.T.: 17.258 min
Delta R.T.: -0.007 min
Response: 533134
Conc: 4.65 ug/ml



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

R.T.: 17.465 min
Delta R.T.: -0.011 min
Response: 570752
Conc: 4.91 ug/ml