

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020322AR\
 Data File : FD040874.D
 Signal(s) : FID2B.CH
 Acq On : 03 Feb 2022 3:35
 Operator : AJ\MA
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 03 05:32:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020322.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 03 05:22:33 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...	6.724	11425764	97.878 ug/ml
Spiked Amount 50.000		Recovery =	195.76%
6) S 2-Fluorobiphenyl (SURR)	7.572	7846879	99.344 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	198.69%#
11) S ortho-Terphenyl (SURR)	10.605	12828571	96.666 ug/ml
Spiked Amount 50.000		Recovery =	193.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.585	12250999	96.985 ug/ml
2) T Naphthalene (C11.7)	5.075	13018834	98.302 ug/ml
3) T 2-Methylnaphthalene (...)	6.115	13158019	98.684 ug/ml
5) T Acenaphthylene (C15.06)	7.377	12740008	97.112 ug/ml
7) T Acenaphthene (C15.5)	7.673	13649498	96.647 ug/ml
8) T Fluorene (C16.55)	8.448	12627390	97.802 ug/ml
9) T Phenanthrene (C19.36)	9.834	12712205	97.887 ug/ml
10) T Anthracene (C19.43)	9.910	12368426	96.164 ug/ml
12) T Fluoranthene (C21.85)	11.637	12985018	97.526 ug/ml
13) T Pyrene (C20.8)	11.932	13320339	97.294 ug/ml
14) T Benzo[a]anthracene (C...	13.798	12916769	98.646 ug/ml
15) T Chrysene (C27.41)	13.847	13455835	95.967 ug/ml
16) T benzo[b]fluoranthene ...	15.345	13176608	98.584 ug/ml
17) T Bnezo[k]fluoranthene ...	15.387	13014273	95.886 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.724	12497315	97.820 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.088	12435675	100.422 ug/ml
20) T Dibenz[a,h]anthracene...	17.131	12014480	95.759 ug/ml
21) T Benzo[g,h,i]perylene ...	17.346	11803790	97.761 ug/ml

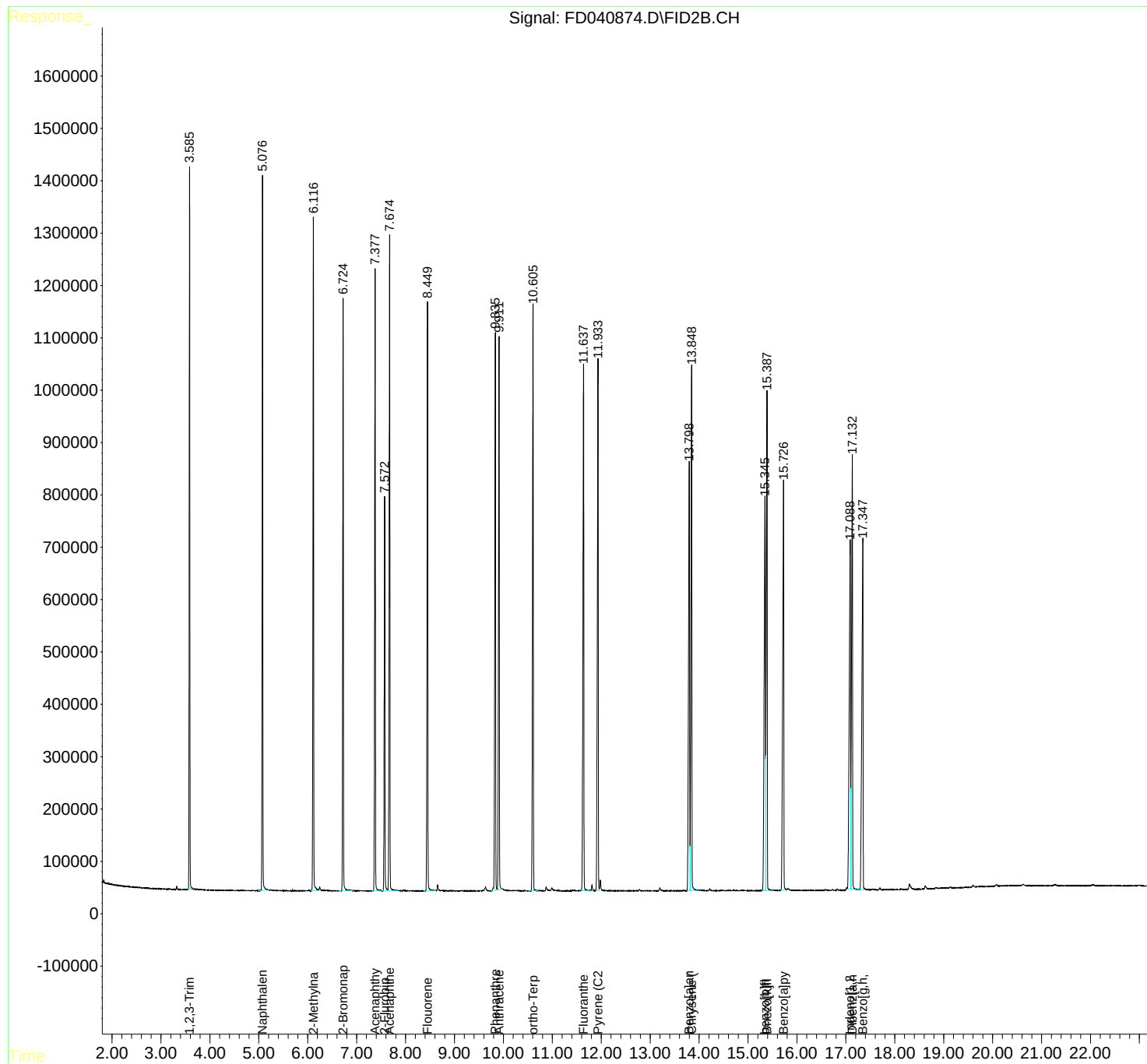
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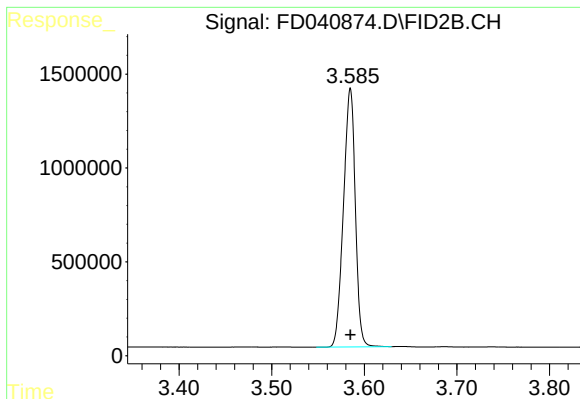
(m)=manual int.

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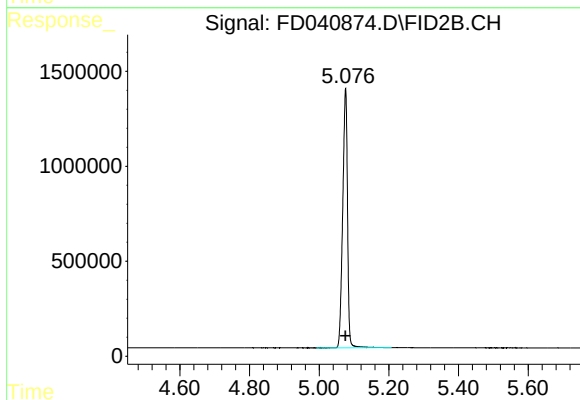
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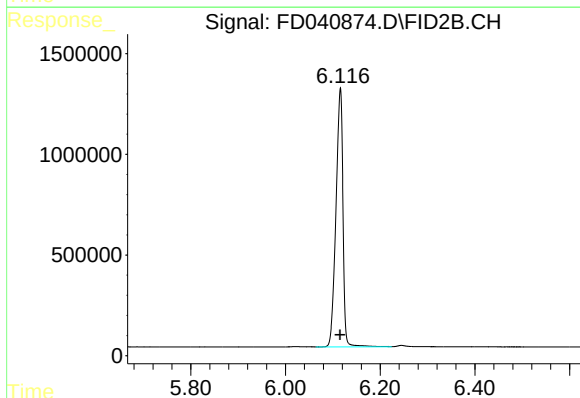
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.585 min
Delta R.T.: 0.000 min
Response: 12250999
Conc: 96.98 ug/ml



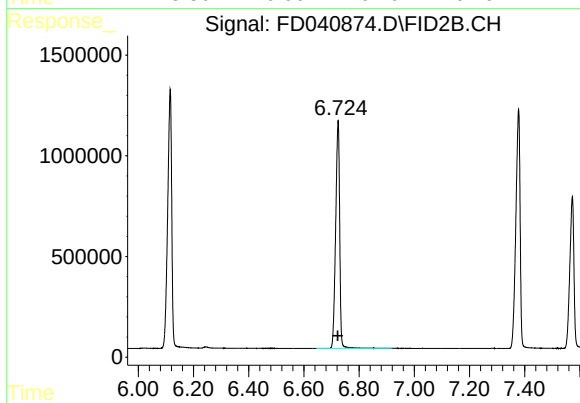
#2 Naphthalene (C11.7)

R.T.: 5.075 min
Delta R.T.: 0.000 min
Response: 13018834
Conc: 98.30 ug/ml



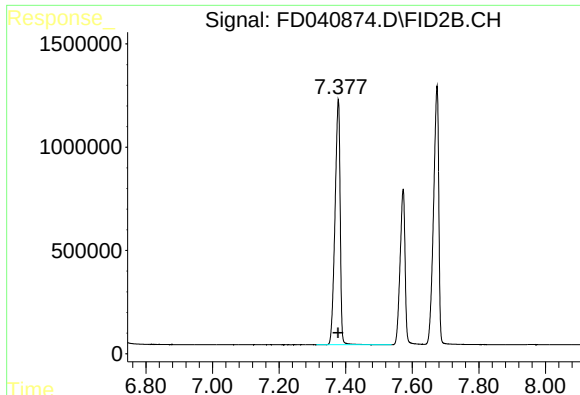
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 13158019
Conc: 98.68 ug/ml



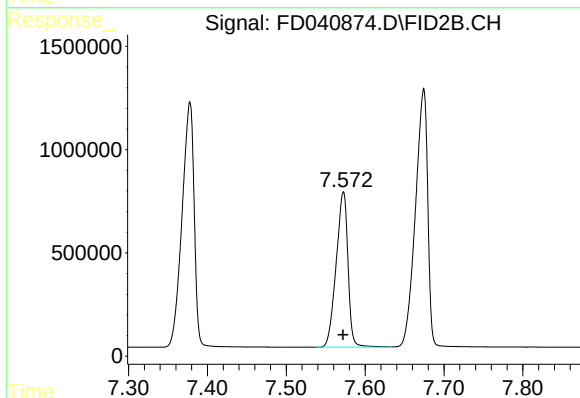
#4 2-Bromonaphthalene (SURR)

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 11425764
Conc: 97.88 ug/ml



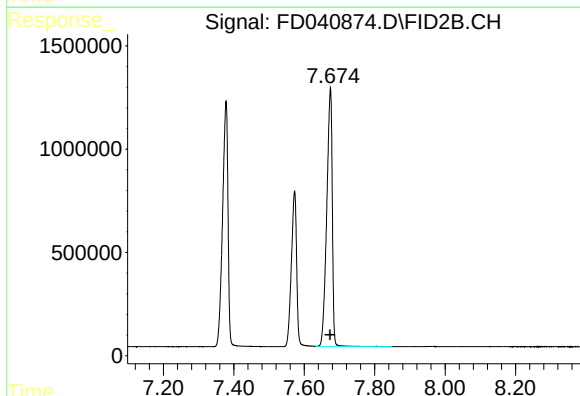
#5 Acenaphthylene (C15.06)

R.T.: 7.377 min
Delta R.T.: 0.000 min
Response: 12740008
Conc: 97.11 ug/ml



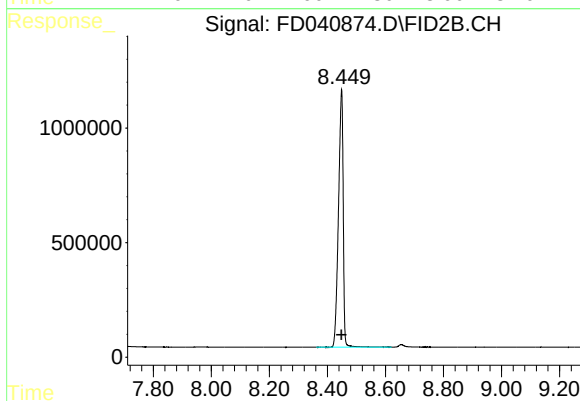
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.572 min
Delta R.T.: 0.000 min
Response: 7846879
Conc: 99.34 ug/ml



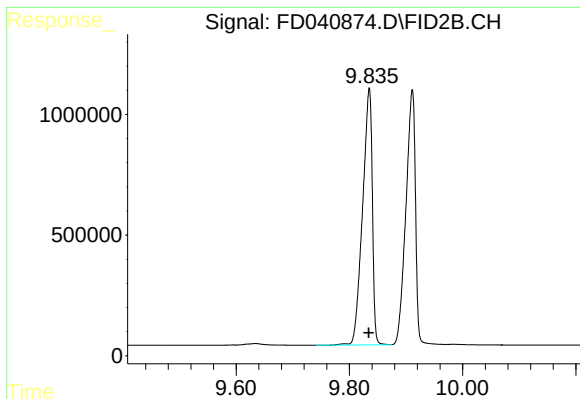
#7 Acenaphthene (C15.5)

R.T.: 7.673 min
Delta R.T.: 0.000 min
Response: 13649498
Conc: 96.65 ug/ml



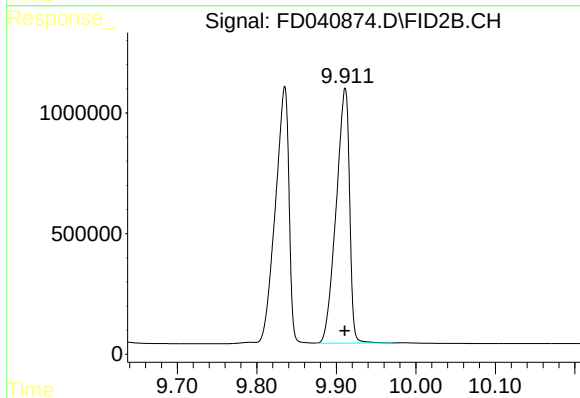
#8 Fluorene (C16.55)

R.T.: 8.448 min
Delta R.T.: 0.000 min
Response: 12627390
Conc: 97.80 ug/ml



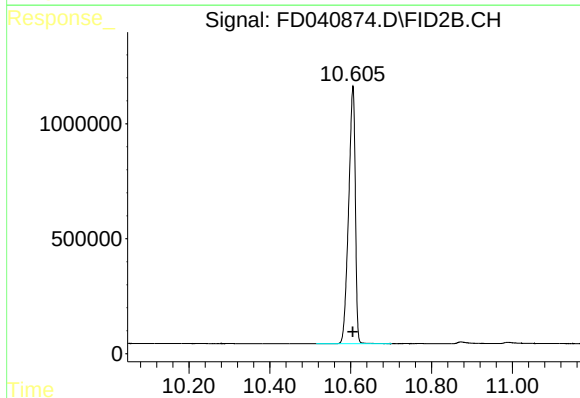
#9 Phenanthrene (C19.36)

R.T.: 9.834 min
Delta R.T.: 0.000 min
Response: 12712205
Conc: 97.89 ug/ml



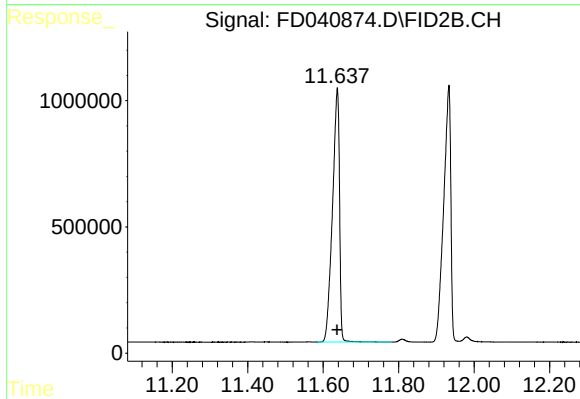
#10 Anthracene (C19.43)

R.T.: 9.910 min
Delta R.T.: 0.000 min
Response: 12368426
Conc: 96.16 ug/ml



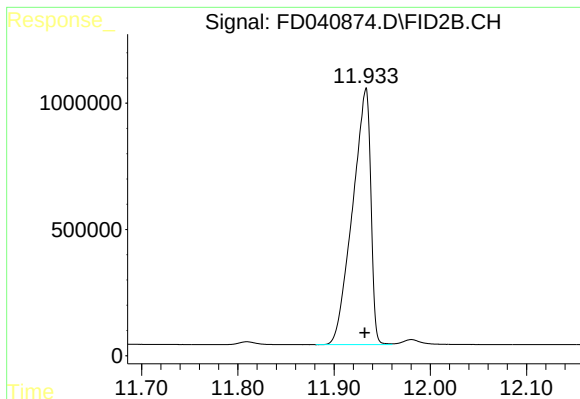
#11 ortho-Terphenyl (SURR)

R.T.: 10.605 min
Delta R.T.: 0.000 min
Response: 12828571
Conc: 96.67 ug/ml



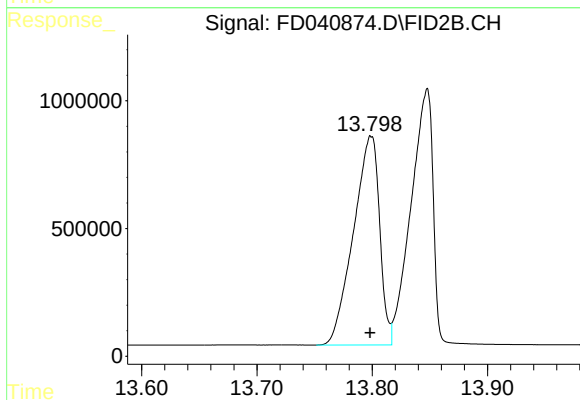
#12 Fluoranthene (C21.85)

R.T.: 11.637 min
Delta R.T.: 0.000 min
Response: 12985018
Conc: 97.53 ug/ml



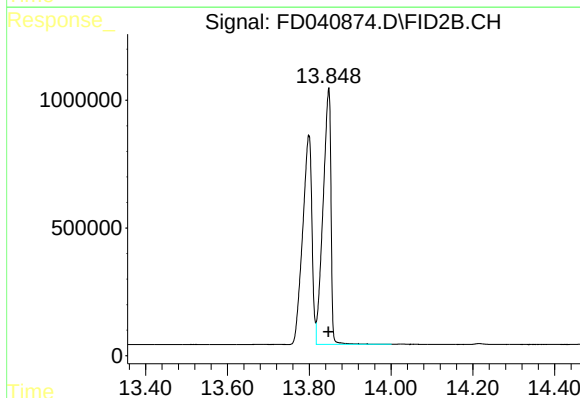
#13 Pyrene (C20.8)

R.T.: 11.932 min
Delta R.T.: 0.000 min
Response: 13320339
Conc: 97.29 ug/ml



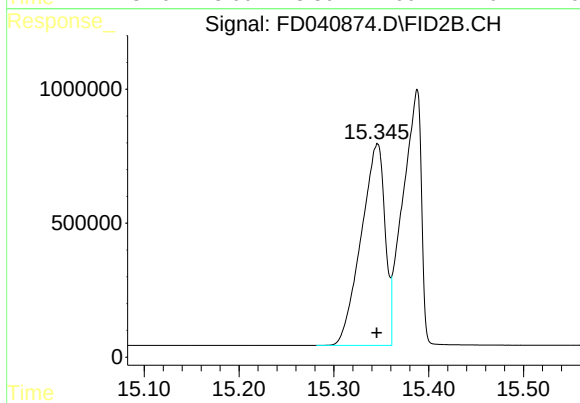
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.798 min
Delta R.T.: 0.000 min
Response: 12916769
Conc: 98.65 ug/ml



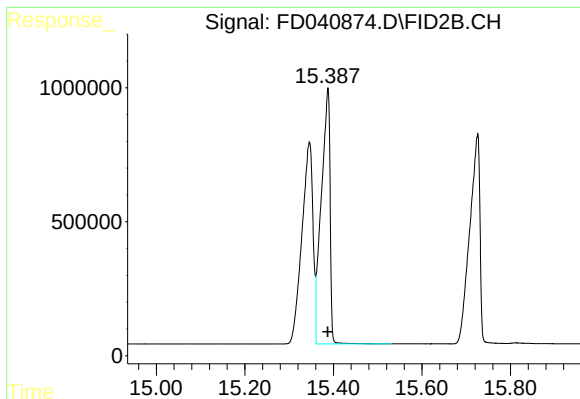
#15 Chrysene (C27.41)

R.T.: 13.847 min
Delta R.T.: 0.000 min
Response: 13455835
Conc: 95.97 ug/ml



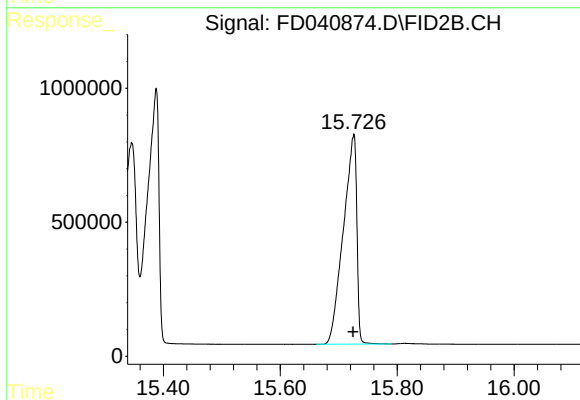
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.345 min
Delta R.T.: 0.000 min
Response: 13176608
Conc: 98.58 ug/ml



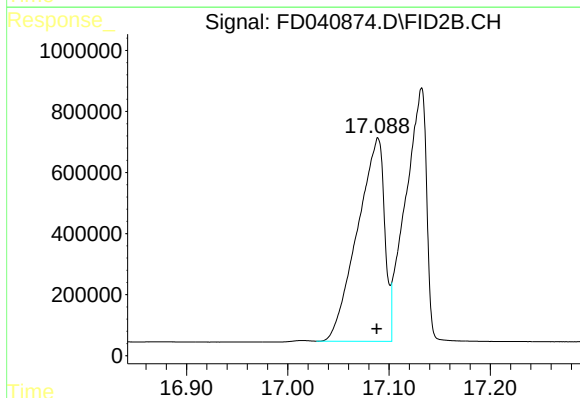
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.387 min
Delta R.T.: 0.000 min
Response: 13014273
Conc: 95.89 ug/ml



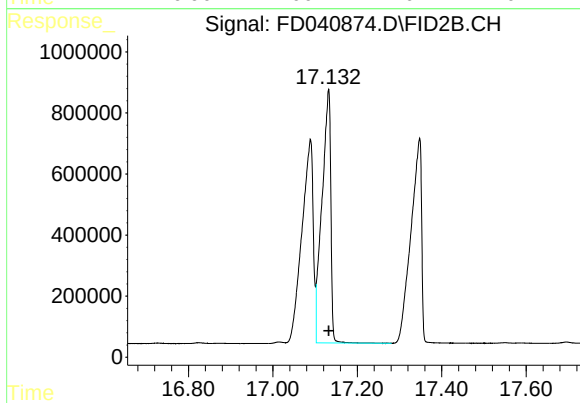
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.724 min
Delta R.T.: 0.000 min
Response: 12497315
Conc: 97.82 ug/ml



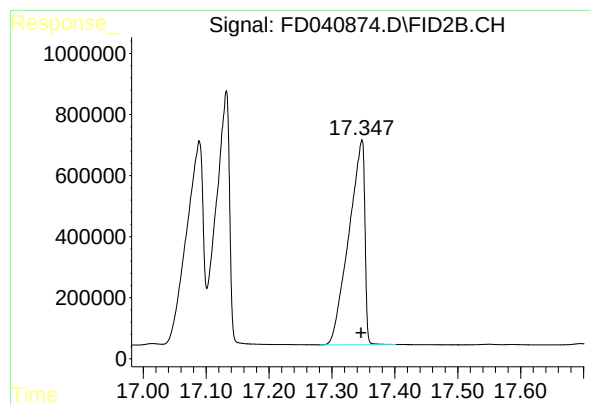
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.088 min
Delta R.T.: 0.000 min
Response: 12435675
Conc: 100.42 ug/ml



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

R.T.: 17.131 min
Delta R.T.: -0.001 min
Response: 12014480
Conc: 95.76 ug/ml



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

R.T.: 17.346 min
Delta R.T.: 0.000 min
Response: 11803790
Conc: 97.76 ug/ml