

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122021AR\
 Data File : FD040065.D
 Signal(s) : FID2B.CH
 Acq On : 21 Dec 2021 00:03
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 21 03:20:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122021.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 21 03:16:39 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...	6.851	2775009	20.793 ug/ml
Spiked Amount 50.000		Recovery =	41.59%
6) S 2-Fluorobiphenyl (SURR)	7.703	1871783	20.802 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.60%
11) S ortho-Terphenyl (SURR)	10.743	2848336	20.699 ug/ml
Spiked Amount 50.000		Recovery =	41.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.695	3035568	20.958 ug/ml
2) T Naphthalene (C11.7)	5.197	3158699	20.882 ug/ml
3) T 2-Methylnaphthalene (...)	6.240	3159113	20.830 ug/ml
5) T Acenaphthylene (C15.06)	7.508	2865869	20.776 ug/ml
7) T Acenaphthene (C15.5)	7.802	3035781	20.760 ug/ml
8) T Flouorene (C16.55)	8.580	2974839	20.720 ug/ml
9) T Phenanthrene (C19.36)	9.970	2888027	20.697 ug/ml
10) T Anthracene (C19.43)	10.044	2778347	20.729 ug/ml
12) T Fluoranthene (C21.85)	11.775	2806200	20.705 ug/ml
13) T Pyrene (C20.8)	12.071	2728002	20.737 ug/ml
14) T Benzo[a]anthracene (C...	13.939	2500877	20.724 ug/ml
15) T Chrysene (C27.41)	13.981	2614836	20.764 ug/ml
16) T benzo[b]fluoranthene ...	15.485	2560890	20.801 ug/ml
17) T Bnezo[k]fluoranthene ...	15.518	2540279	20.835 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.861	2510842	20.843 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.223	2465861	20.889 ug/ml
20) T Dibenz[a,h]anthracene...	17.266	2483709	21.430 ug/ml
21) T Benzo[g,h,i]perylene ...	17.477	2515818	20.844 ug/ml

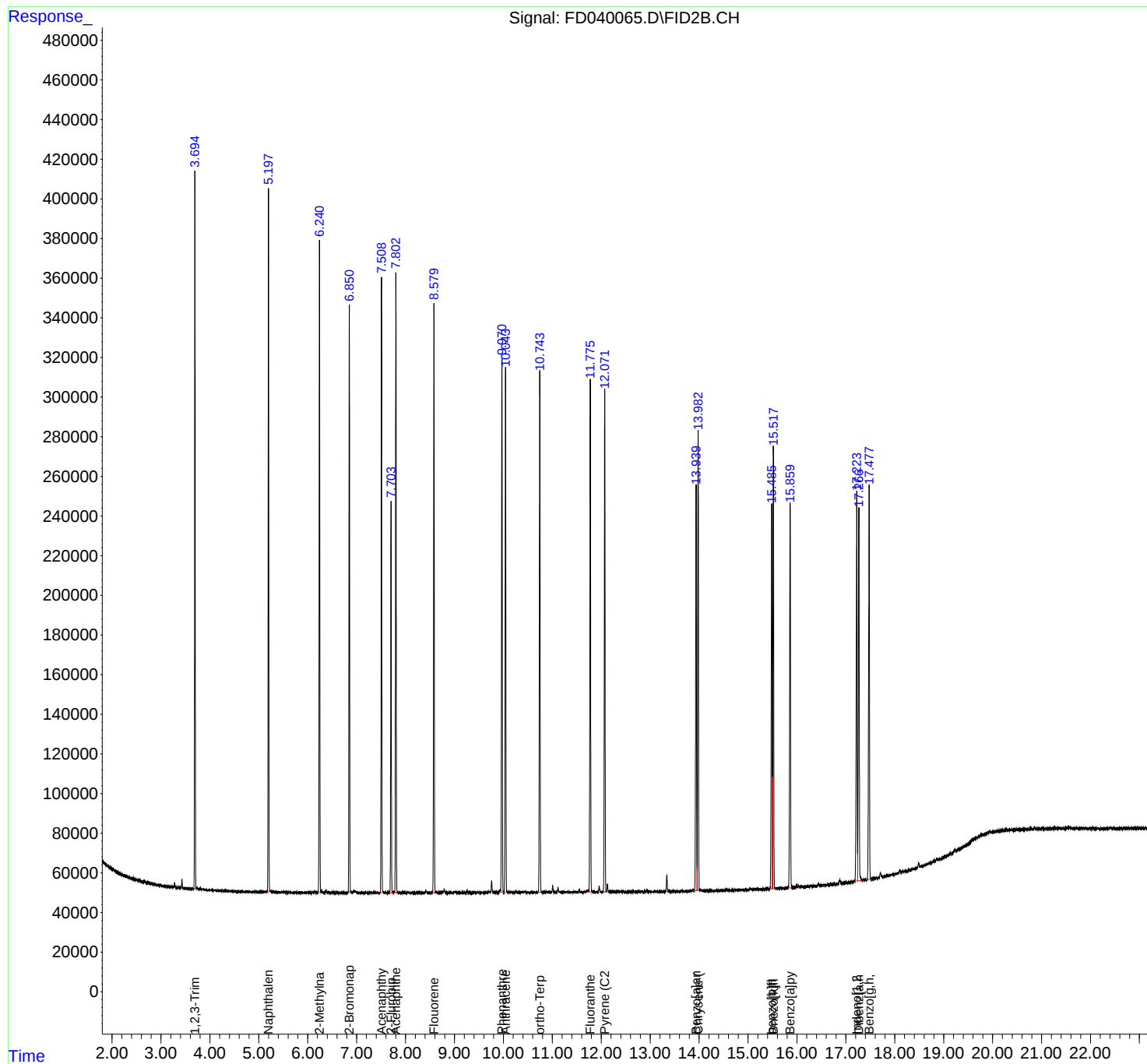
(f)=RT Delta > 1/2 Window

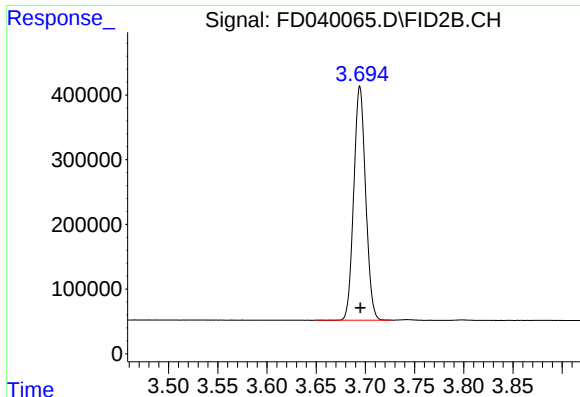
(m)=manual int.

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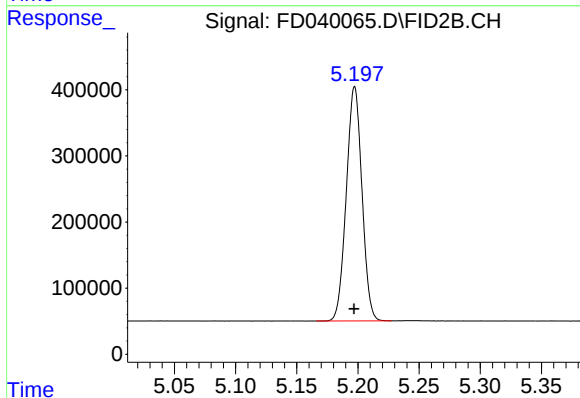
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Signal Info : 20M x 0.18mm x 0.18µm





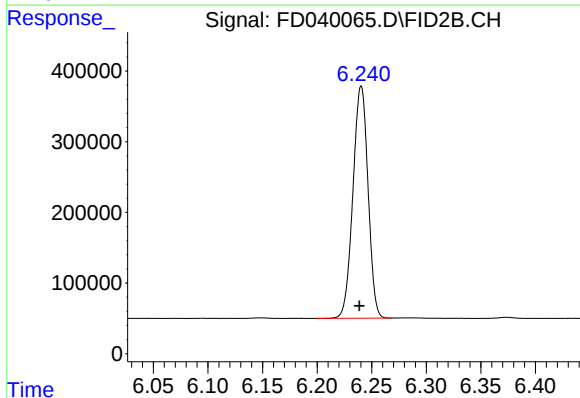
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.695 min
Delta R.T.: 0.000 min
Response: 3035568
Conc: 20.96 ug/ml



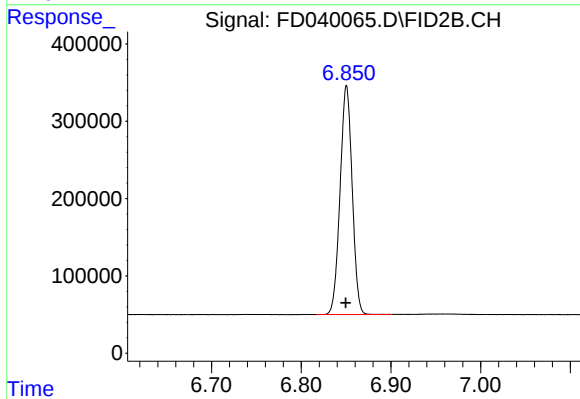
#2 Naphthalene (C11.7)

R.T.: 5.197 min
Delta R.T.: 0.000 min
Response: 3158699
Conc: 20.88 ug/ml



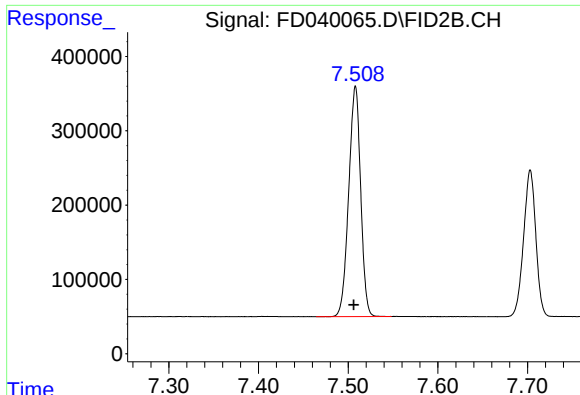
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.240 min
Delta R.T.: 0.002 min
Response: 3159113
Conc: 20.83 ug/ml



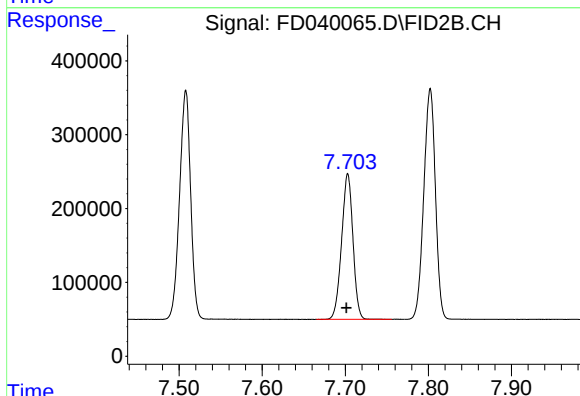
#4 2-Bromonaphthalene (SURR)

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 2775009
Conc: 20.79 ug/ml



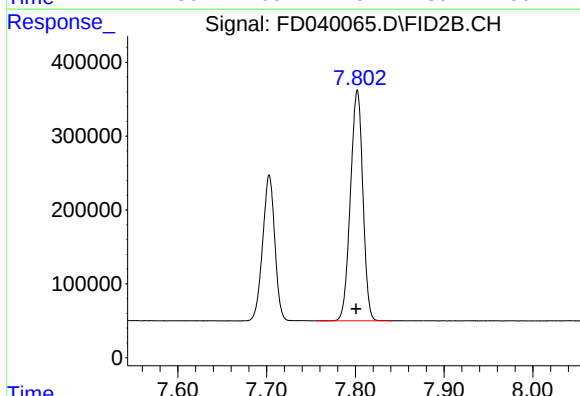
#5 Acenaphthylene (C15.06)

R.T.: 7.508 min
Delta R.T.: 0.002 min
Response: 2865869
Conc: 20.78 ug/ml



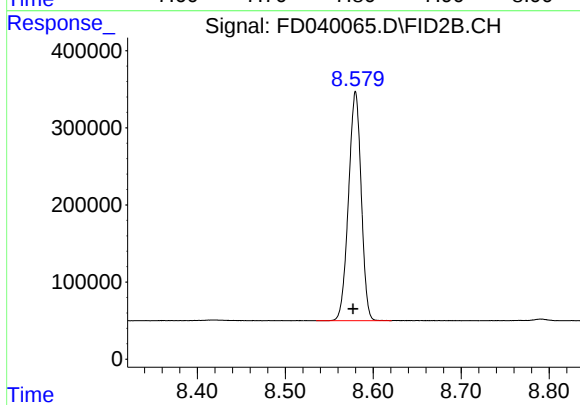
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.703 min
Delta R.T.: 0.002 min
Response: 1871783
Conc: 20.80 ug/ml



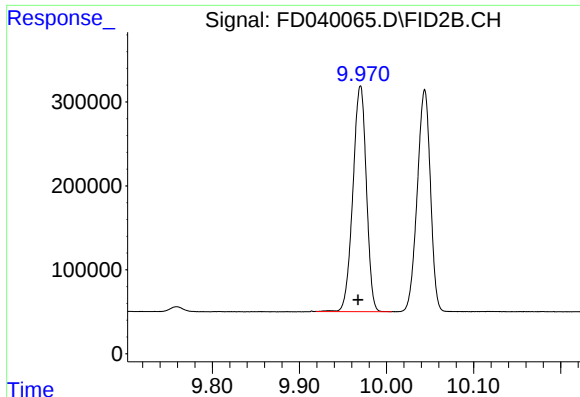
#7 Acenaphthene (C15.5)

R.T.: 7.802 min
Delta R.T.: 0.002 min
Response: 3035781
Conc: 20.76 ug/ml



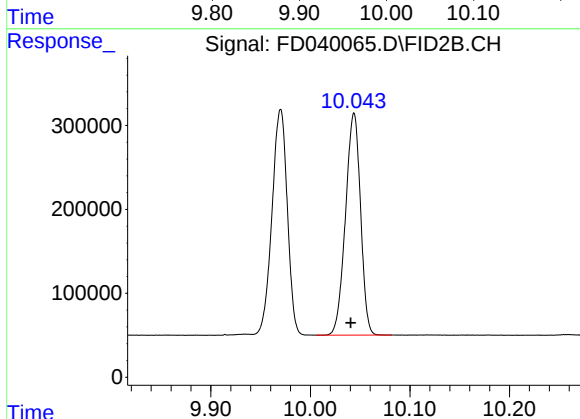
#8 Fluorene (C16.55)

R.T.: 8.580 min
Delta R.T.: 0.003 min
Response: 2974839
Conc: 20.72 ug/ml



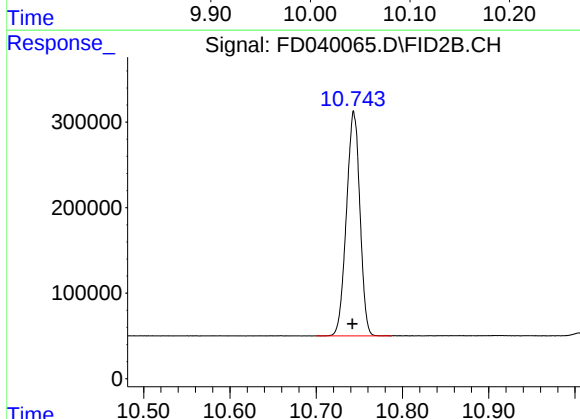
#9 Phenanthrene (C19.36)

R.T.: 9.970 min
Delta R.T.: 0.003 min
Response: 2888027
Conc: 20.70 ug/ml



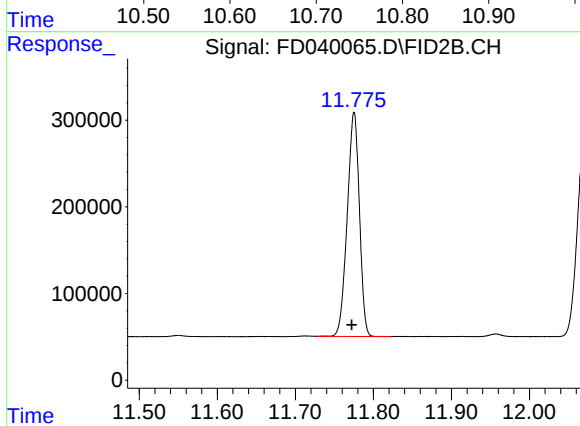
#10 Anthracene (C19.43)

R.T.: 10.044 min
Delta R.T.: 0.003 min
Response: 2778347
Conc: 20.73 ug/ml



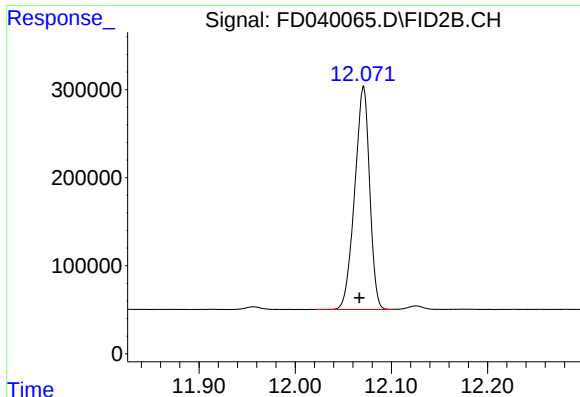
#11 ortho-Terphenyl (SURR)

R.T.: 10.743 min
Delta R.T.: 0.002 min
Response: 2848336
Conc: 20.70 ug/ml



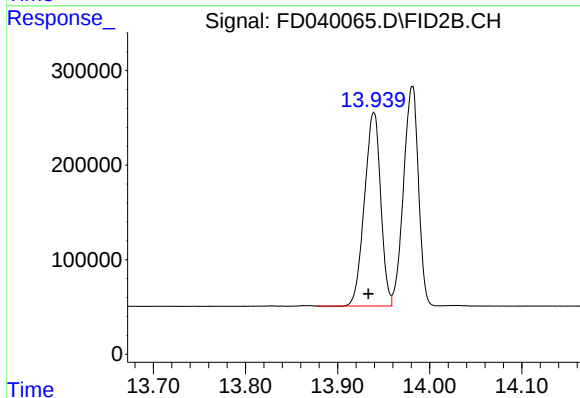
#12 Fluoranthene (C21.85)

R.T.: 11.775 min
Delta R.T.: 0.003 min
Response: 2806200
Conc: 20.70 ug/ml



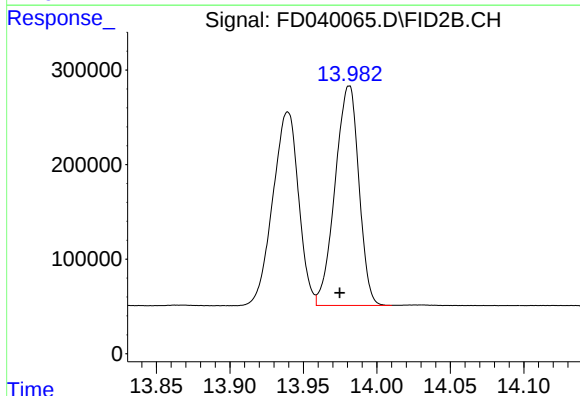
#13 Pyrene (C20.8)

R.T.: 12.071 min
Delta R.T.: 0.004 min
Response: 2728002
Conc: 20.74 ug/ml



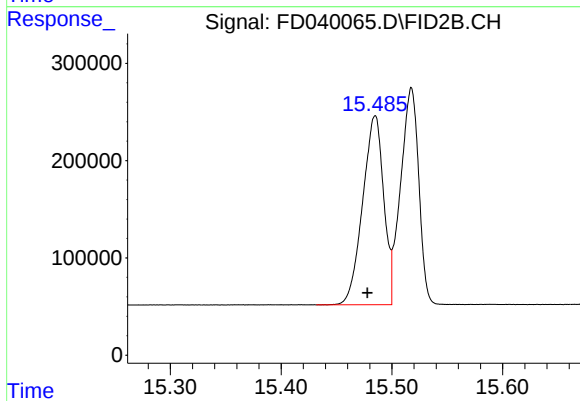
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.939 min
Delta R.T.: 0.006 min
Response: 2500877
Conc: 20.72 ug/ml



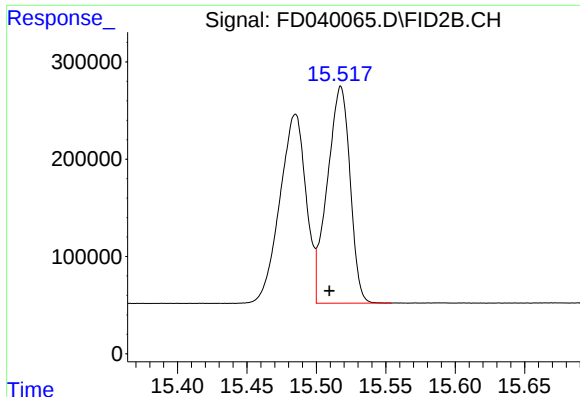
#15 Chrysene (C27.41)

R.T.: 13.981 min
Delta R.T.: 0.007 min
Response: 2614836
Conc: 20.76 ug/ml



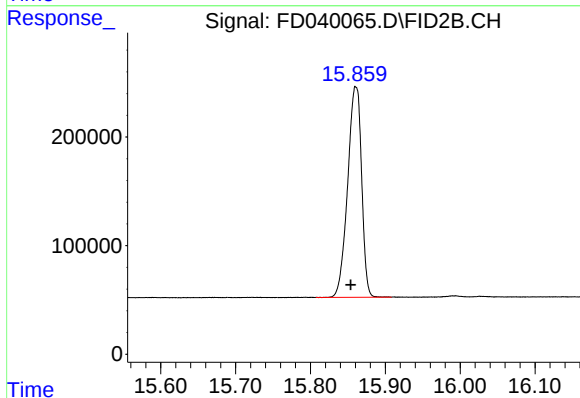
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.485 min
Delta R.T.: 0.007 min
Response: 2560890
Conc: 20.80 ug/ml



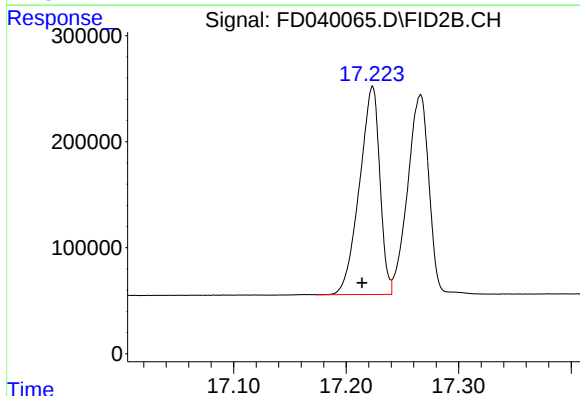
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.518 min
Delta R.T.: 0.008 min
Response: 2540279
Conc: 20.83 ug/ml



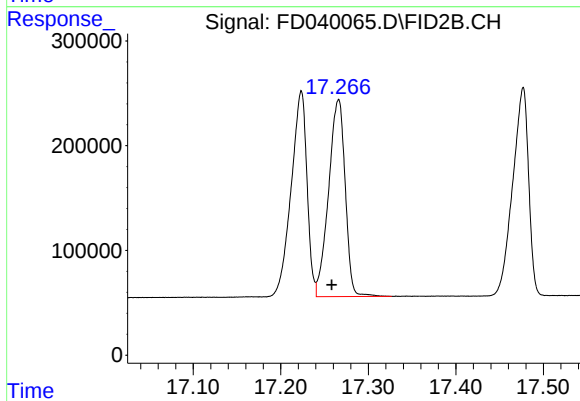
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.861 min
Delta R.T.: 0.007 min
Response: 2510842
Conc: 20.84 ug/ml



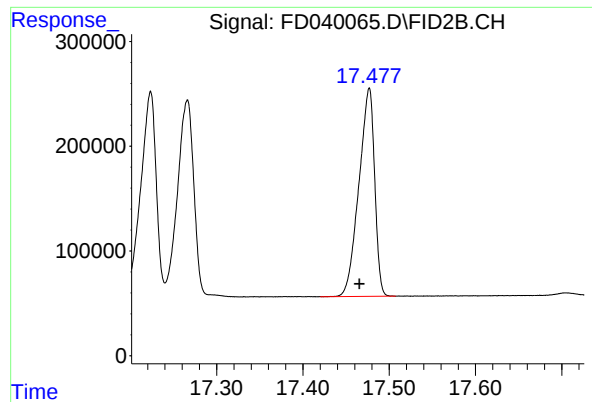
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.223 min
Delta R.T.: 0.009 min
Response: 2465861
Conc: 20.89 ug/ml



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

R.T.: 17.266 min
Delta R.T.: 0.008 min
Response: 2483709
Conc: 21.43 ug/ml



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

R.T.: 17.477 min
Delta R.T.: 0.011 min
Response: 2515818
Conc: 20.84 ug/ml