

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092021AR\
 Data File : FD038832.D
 Signal(s) : FID2B.CH
 Acq On : 20 Sep 2021 23:56
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 21 04:31:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092021.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 21 04:29:53 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...	7.764	2847687	20.033 ug/ml
Spiked Amount 50.000		Recovery =	40.07%
6) S 2-Fluorobiphenyl (SURR)	8.633	1956132	20.031 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.06%
11) S ortho-Terphenyl (SURR)	11.676	3002870	19.951 ug/ml
Spiked Amount 50.000		Recovery =	39.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.553	3020650	20.074 ug/ml
2) T Naphthalene (C11.7)	6.101	3198589	20.036 ug/ml
3) T 2-Methylnaphthalene (...)	7.155	3240203	20.027 ug/ml
5) T Acenaphthylene (C15.06)	8.436	2992842	19.956 ug/ml
7) T Acenaphthene (C15.5)	8.731	3151703	20.019 ug/ml
8) T Flouorene (C16.55)	9.514	3126259	20.023 ug/ml
9) T Phenanthrene (C19.36)	10.913	3050267	19.940 ug/ml
10) T Anthracene (C19.43)	10.988	3054095	19.964 ug/ml
12) T Fluoranthene (C21.85)	12.728	2984985	19.954 ug/ml
13) T Pyrene (C20.8)	13.027	2884769	19.916 ug/ml
14) T Benzo[a]anthracene (C...	14.897	2528149	19.861 ug/ml
15) T Chrysene (C27.41)	14.940	2640101	19.822 ug/ml
16) T benzo[b]fluoranthene ...	16.446	2295570	19.863 ug/ml
17) T Bnezo[k]fluoranthene ...	16.479	2278266	19.920 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.826	2181710	19.870 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.188	2015294	19.745 ug/ml
20) T Dibenz[a,h]anthracene...	18.227	2030809	19.960 ug/ml
21) T Benzo[g,h,i]perylene ...	18.443	2030916	19.934 ug/ml

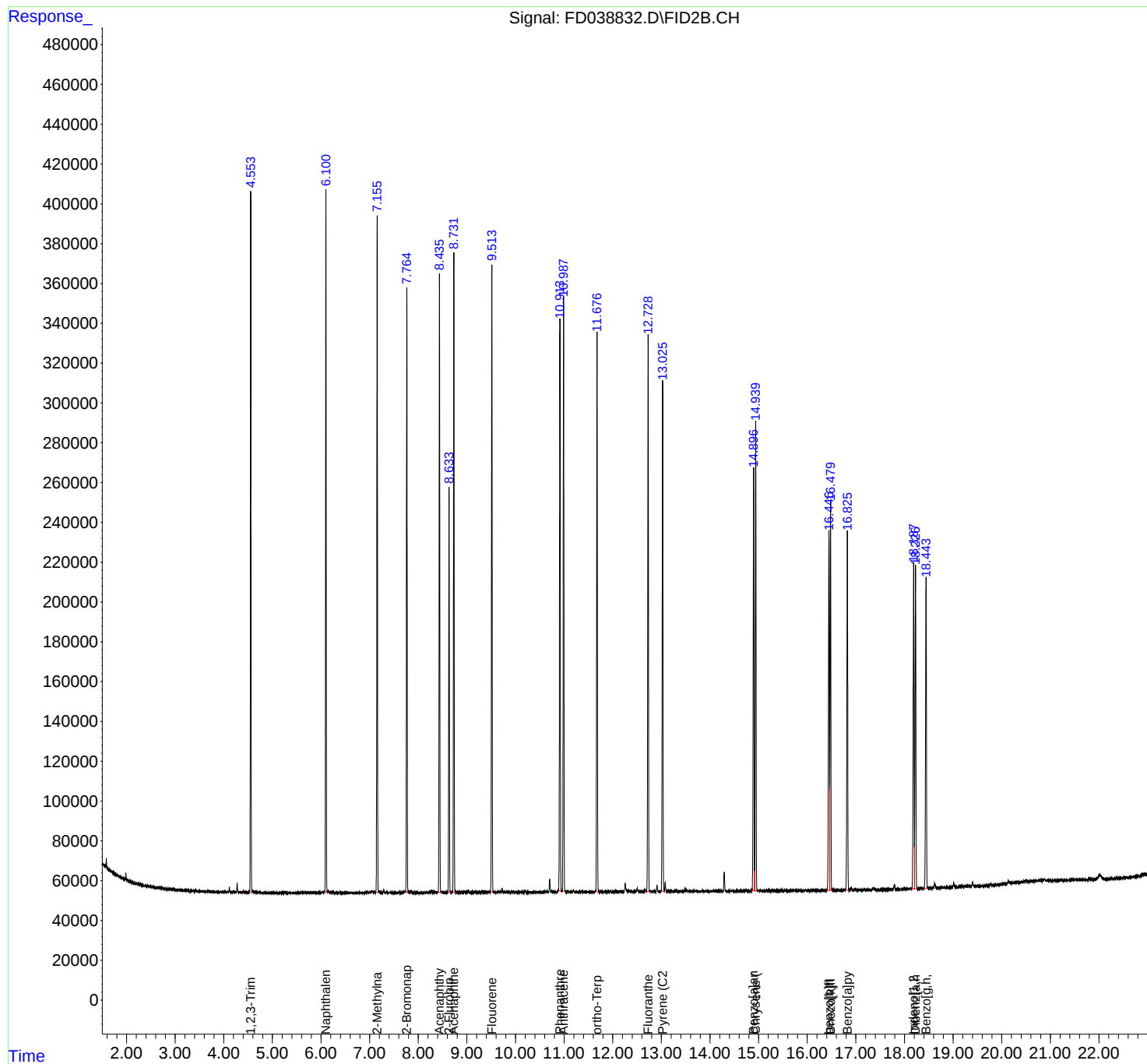
(f)=RT Delta > 1/2 Window

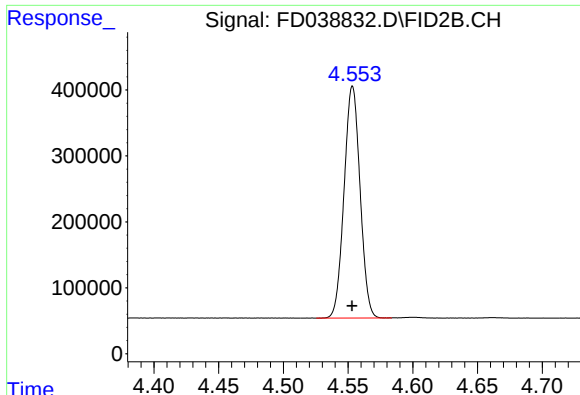
(m)=manual int.

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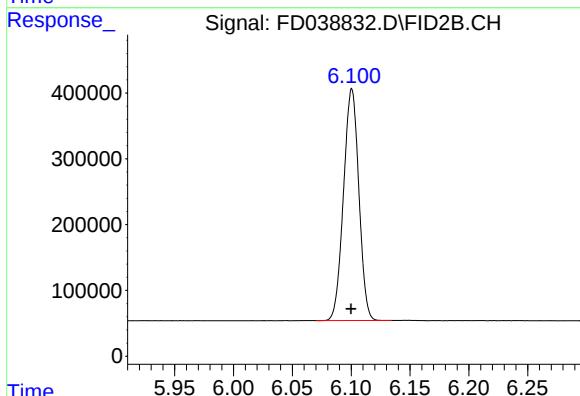
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





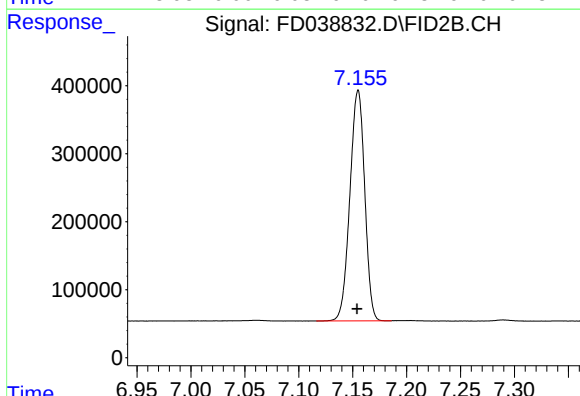
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 3020650
Conc: 20.07 ug/ml



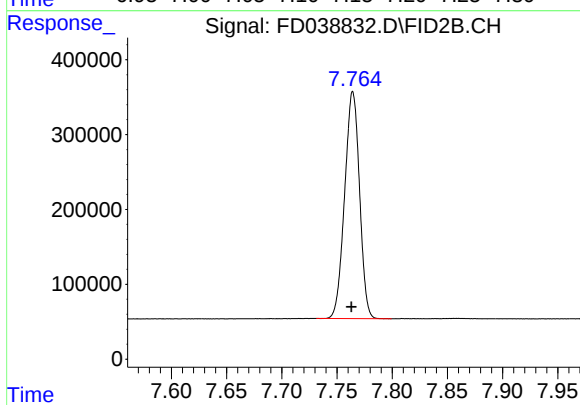
#2 Naphthalene (C11.7)

R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 3198589
Conc: 20.04 ug/ml



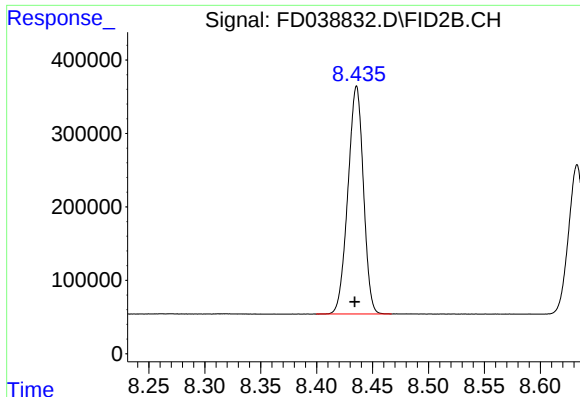
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.155 min
Delta R.T.: 0.001 min
Response: 3240203
Conc: 20.03 ug/ml



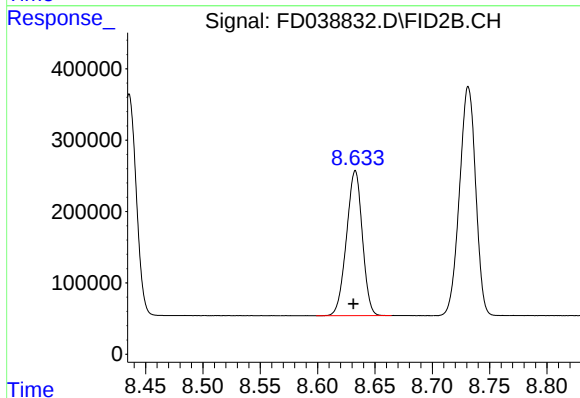
#4 2-Bromonaphthalene (SURR)

R.T.: 7.764 min
Delta R.T.: 0.001 min
Response: 2847687
Conc: 20.03 ug/ml



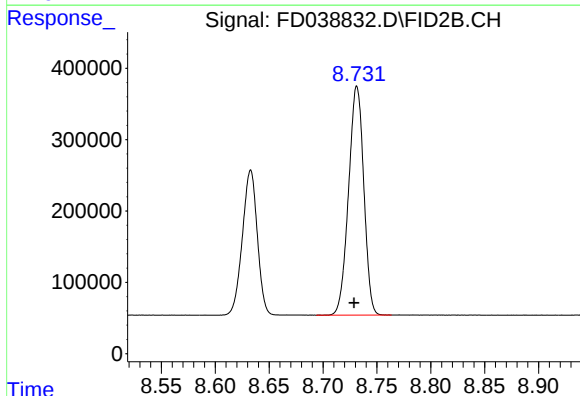
#5 Acenaphthylene (C15.06)

R.T.: 8.436 min
Delta R.T.: 0.002 min
Response: 2992842
Conc: 19.96 ug/ml



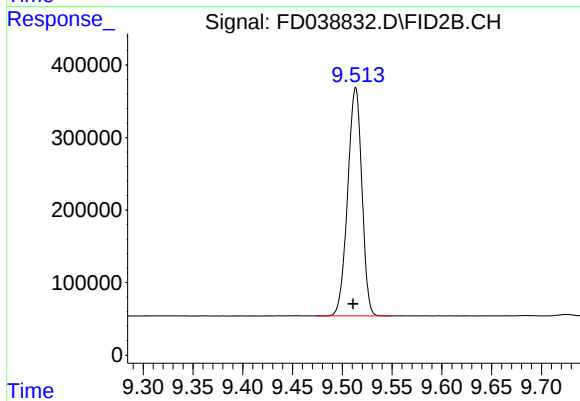
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.633 min
Delta R.T.: 0.002 min
Response: 1956132
Conc: 20.03 ug/ml



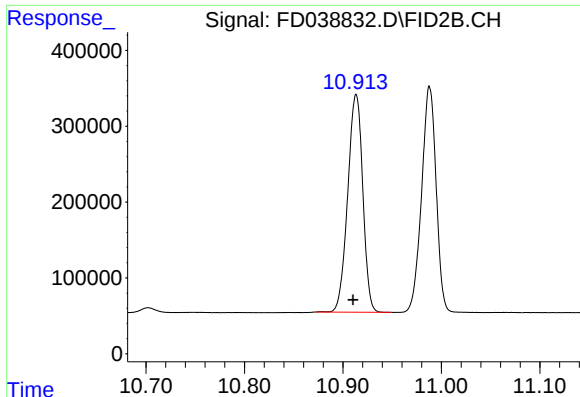
#7 Acenaphthene (C15.5)

R.T.: 8.731 min
Delta R.T.: 0.002 min
Response: 3151703
Conc: 20.02 ug/ml



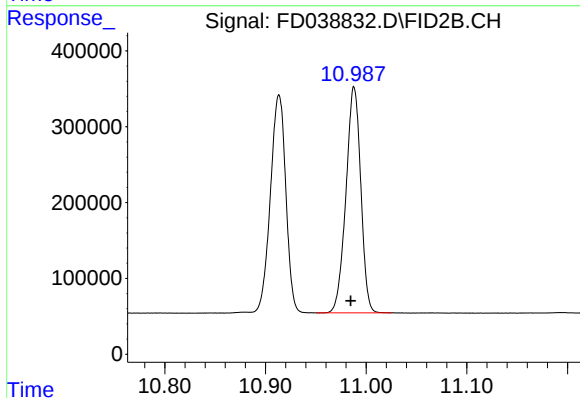
#8 Fluorene (C16.55)

R.T.: 9.514 min
Delta R.T.: 0.003 min
Response: 3126259
Conc: 20.02 ug/ml



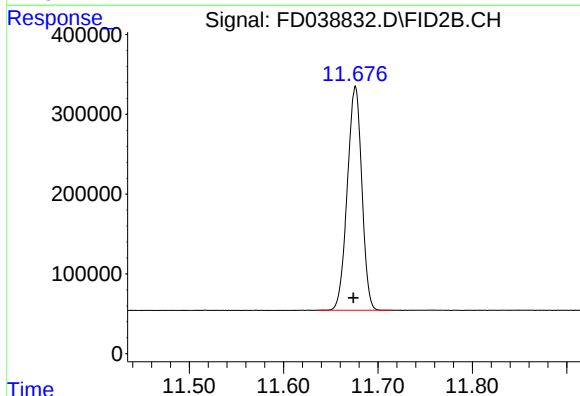
#9 Phenanthrene (C19.36)

R.T.: 10.913 min
Delta R.T.: 0.003 min
Response: 3050267
Conc: 19.94 ug/ml



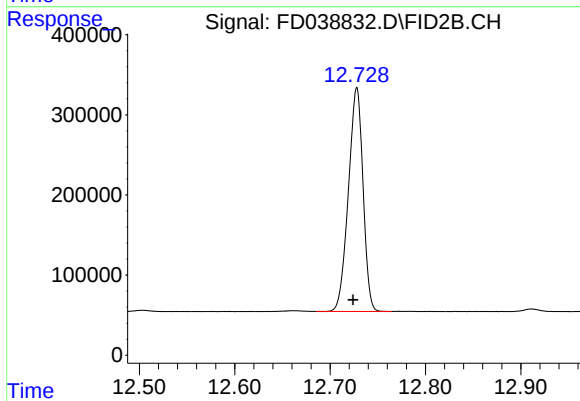
#10 Anthracene (C19.43)

R.T.: 10.988 min
Delta R.T.: 0.003 min
Response: 3054095
Conc: 19.96 ug/ml



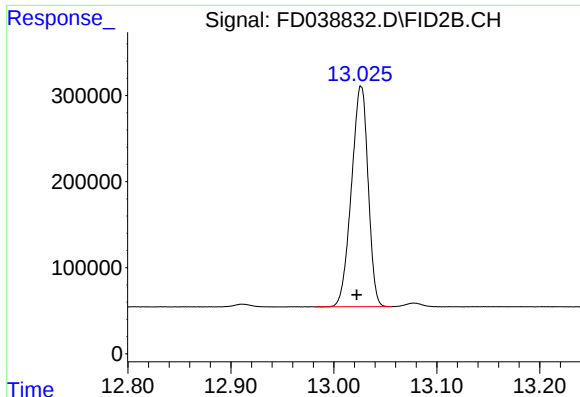
#11 ortho-Terphenyl (SURR)

R.T.: 11.676 min
Delta R.T.: 0.002 min
Response: 3002870
Conc: 19.95 ug/ml



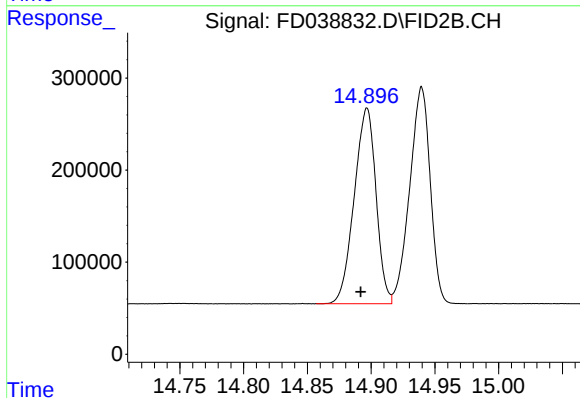
#12 Fluoranthene (C21.85)

R.T.: 12.728 min
Delta R.T.: 0.004 min
Response: 2984985
Conc: 19.95 ug/ml



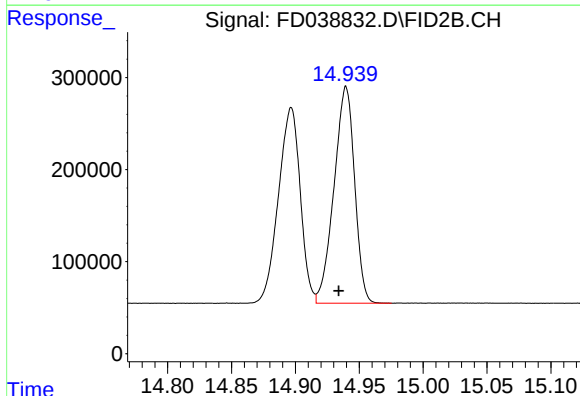
#13 Pyrene (C20.8)

R.T.: 13.027 min
Delta R.T.: 0.004 min
Response: 2884769
Conc: 19.92 ug/ml



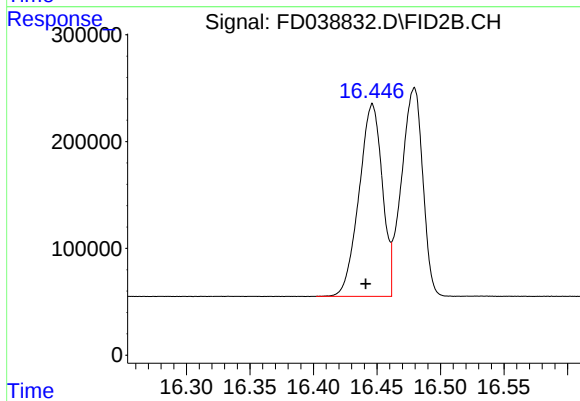
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.897 min
Delta R.T.: 0.005 min
Response: 2528149
Conc: 19.86 ug/ml



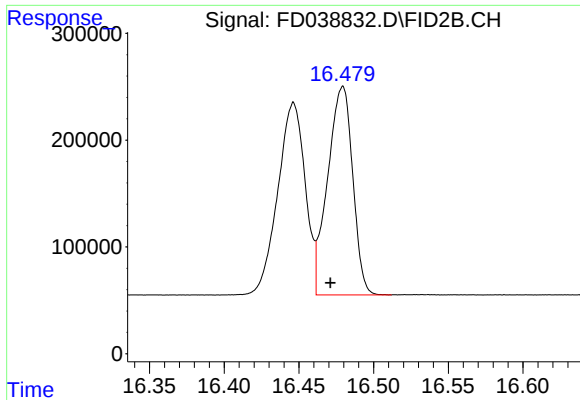
#15 Chrysene (C27.41)

R.T.: 14.940 min
Delta R.T.: 0.006 min
Response: 2640101
Conc: 19.82 ug/ml



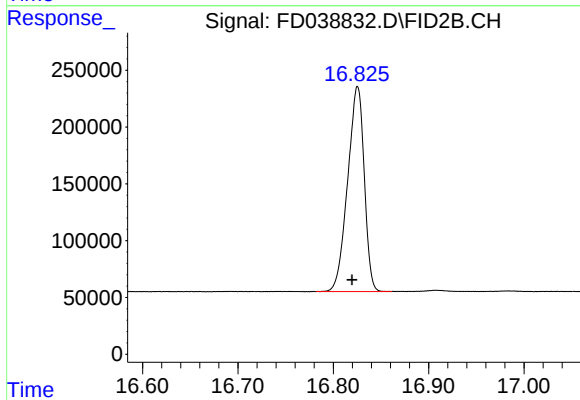
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.446 min
Delta R.T.: 0.005 min
Response: 2295570
Conc: 19.86 ug/ml



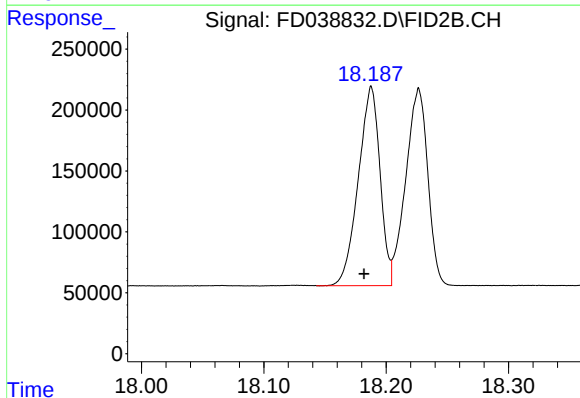
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.479 min
Delta R.T.: 0.008 min
Response: 2278266
Conc: 19.92 ug/ml



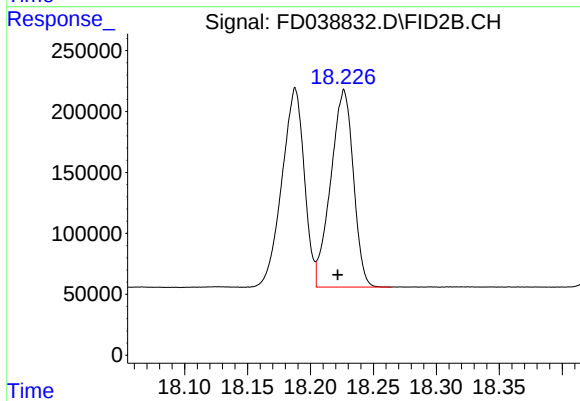
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.826 min
Delta R.T.: 0.006 min
Response: 2181710
Conc: 19.87 ug/ml



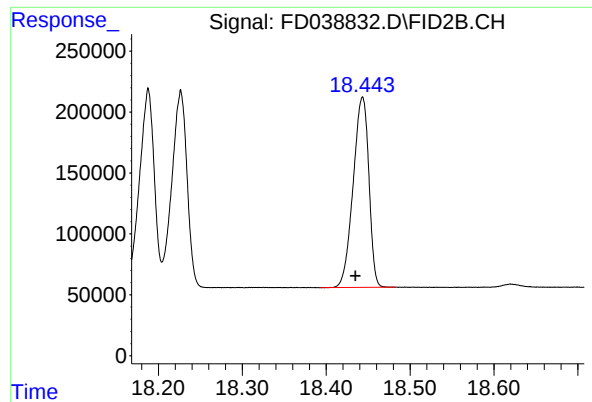
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.188 min
Delta R.T.: 0.006 min
Response: 2015294
Conc: 19.74 ug/ml



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

R.T.: 18.227 min
Delta R.T.: 0.005 min
Response: 2030809
Conc: 19.96 ug/ml



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

R.T.: 18.443 min
Delta R.T.: 0.009 min
Response: 2030916
Conc: 19.93 ug/ml