

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092121AR\
 Data File : FD038866.D
 Signal(s) : FID2B.CH
 Acq On : 22 Sep 2021 7:58
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 22 08:24:01 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...	7.763	2913721	20.497 ug/ml
Spiked Amount 50.000		Recovery =	40.99%
6) S 2-Fluorobiphenyl (SURR)	8.633	1978190	20.257 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.51%
11) S ortho-Terphenyl (SURR)	11.676	2988809	19.858 ug/ml
Spiked Amount 50.000		Recovery =	39.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.552	3105904	20.640 ug/ml
2) T Naphthalene (C11.7)	6.100	3281301	20.554 ug/ml
3) T 2-Methylnaphthalene (...)	7.155	3313335	20.479 ug/ml
5) T Acenaphthylene (C15.06)	8.435	3030771	20.209 ug/ml
7) T Acenaphthene (C15.5)	8.732	3193849	20.287 ug/ml
8) T Fluorene (C16.55)	9.514	3142655	20.128 ug/ml
9) T Phenanthrene (C19.36)	10.914	3019328	19.738 ug/ml
10) T Anthracene (C19.43)	10.989	2971728	19.426 ug/ml
12) T Fluoranthene (C21.85)	12.729	2841903	18.998 ug/ml
13) T Pyrene (C20.8)	13.027	2723397	18.802 ug/ml
14) T Benzo[a]anthracene (C...	14.899	2335659	18.349 ug/ml
15) T Chrysene (C27.41)	14.941	2428152	18.231 ug/ml
16) T benzo[b]fluoranthene ...	16.448	2169178	18.769 ug/ml
17) T Bnezo[k]fluoranthene ...	16.480	2163027	18.913 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.828	2115705	19.269 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.191	2106845	20.642 ug/ml
20) T Dibenz[a,h]anthracene...	18.230	2130348	20.938 ug/ml
21) T Benzo[g,h,i]perylene ...	18.448	2130617	20.913 ug/ml

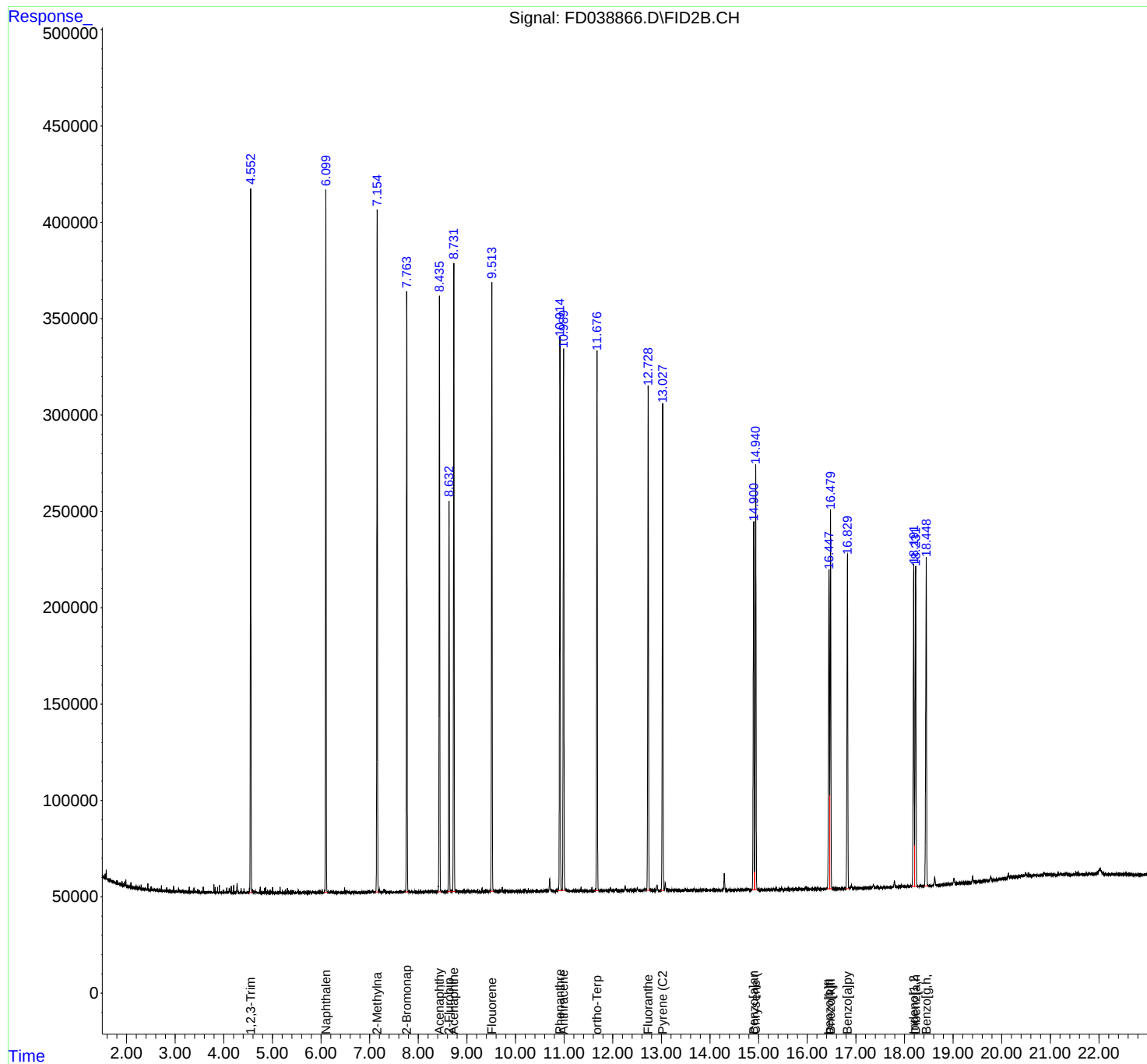
(f)=RT Delta > 1/2 Window

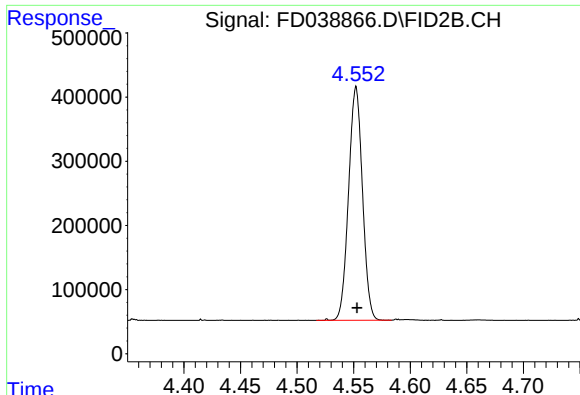
(m)=manual int.

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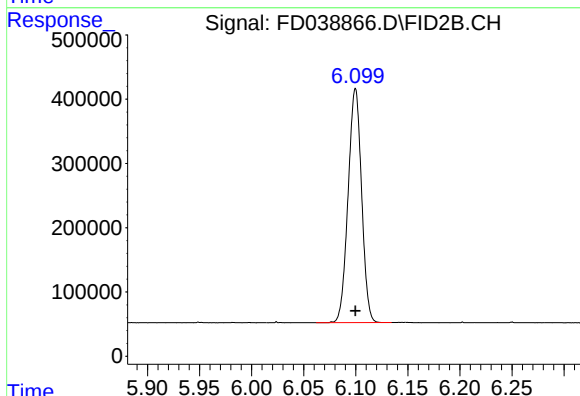
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Signal Info : 20M x 0.18mm x 0.18µm





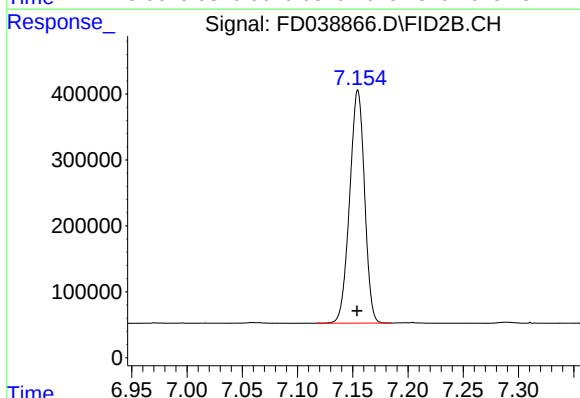
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 3105904
Conc: 20.64 ug/ml



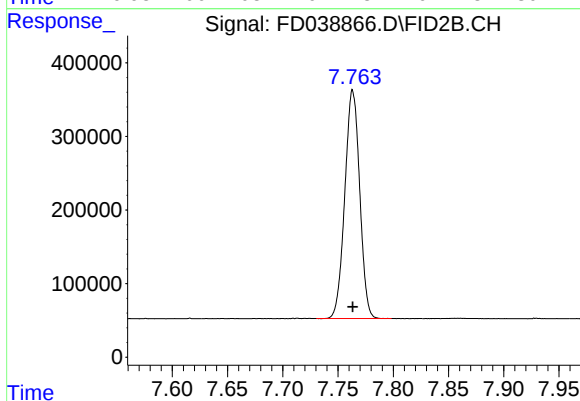
#2 Naphthalene (C11.7)

R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 3281301
Conc: 20.55 ug/ml



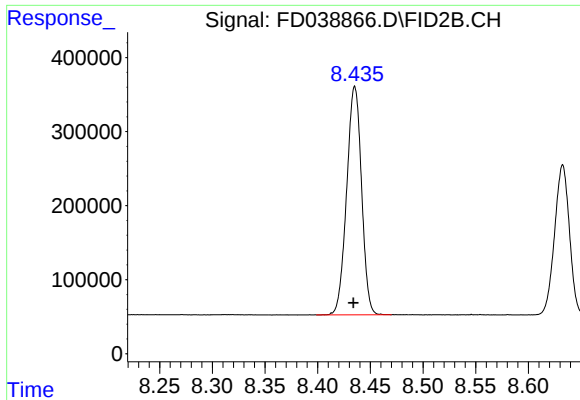
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.155 min
Delta R.T.: 0.000 min
Response: 3313335
Conc: 20.48 ug/ml



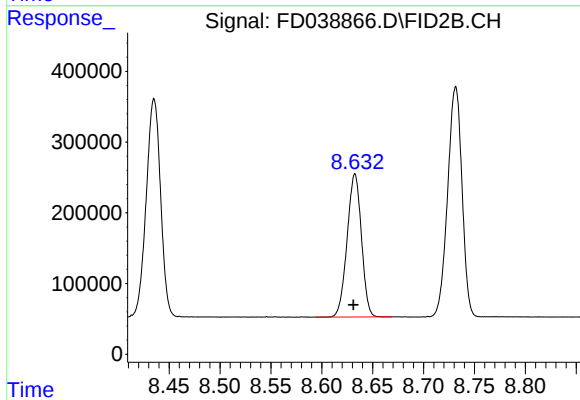
#4 2-Bromonaphthalene (SURR)

R.T.: 7.763 min
Delta R.T.: 0.000 min
Response: 2913721
Conc: 20.50 ug/ml



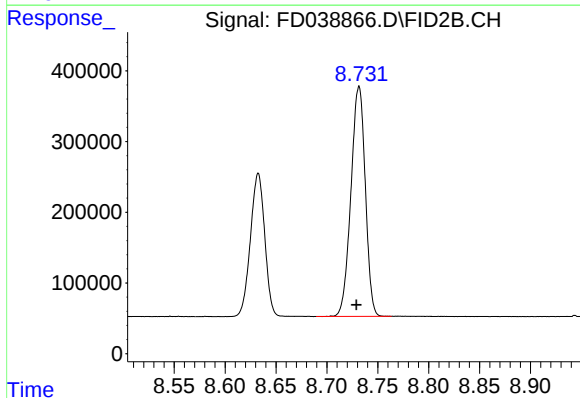
#5 Acenaphthylene (C15.06)

R.T.: 8.435 min
Delta R.T.: 0.001 min
Response: 3030771
Conc: 20.21 ug/ml



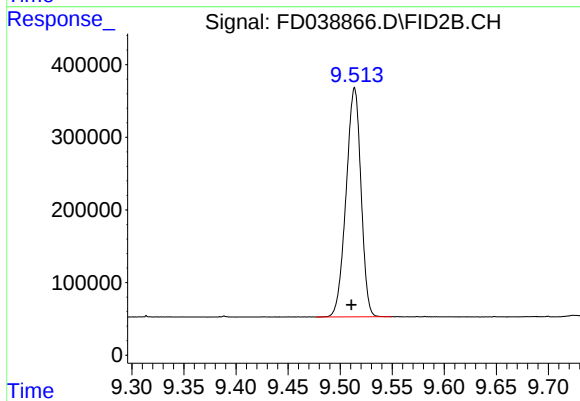
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.633 min
Delta R.T.: 0.001 min
Response: 1978190
Conc: 20.26 ug/ml



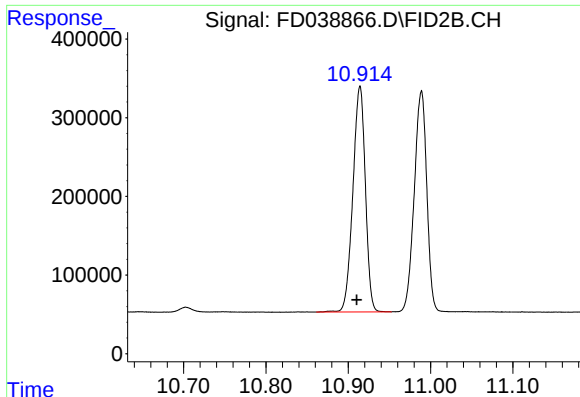
#7 Acenaphthene (C15.5)

R.T.: 8.732 min
Delta R.T.: 0.003 min
Response: 3193849
Conc: 20.29 ug/ml



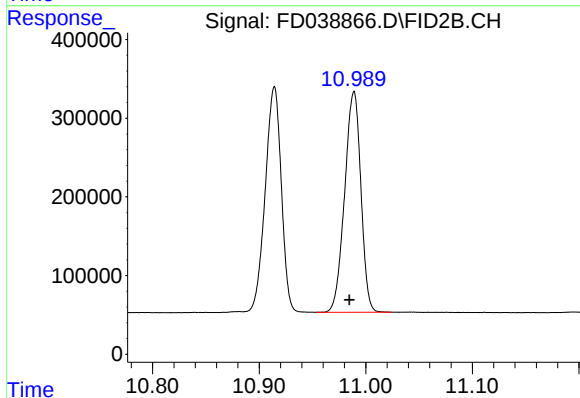
#8 Fluorene (C16.55)

R.T.: 9.514 min
Delta R.T.: 0.003 min
Response: 3142655
Conc: 20.13 ug/ml



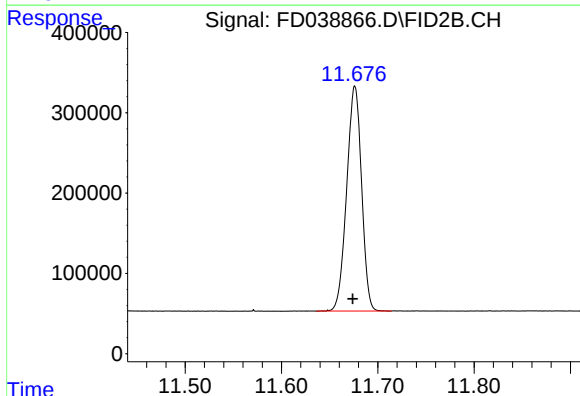
#9 Phenanthrene (C19.36)

R.T.: 10.914 min
Delta R.T.: 0.004 min
Response: 3019328
Conc: 19.74 ug/ml



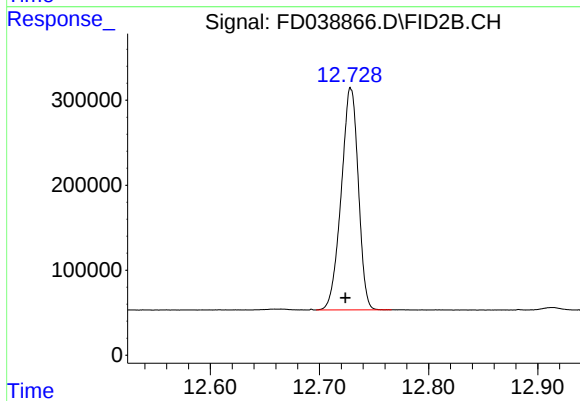
#10 Anthracene (C19.43)

R.T.: 10.989 min
Delta R.T.: 0.004 min
Response: 2971728
Conc: 19.43 ug/ml



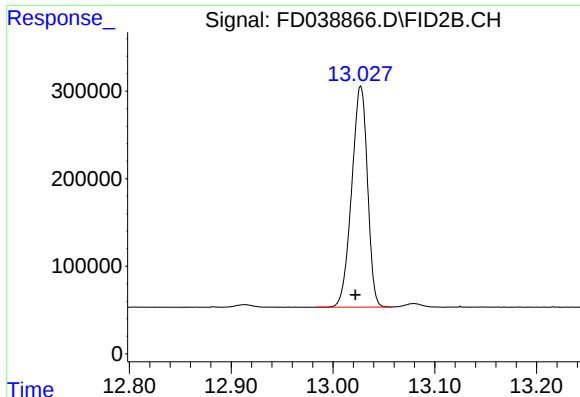
#11 ortho-Terphenyl (SURR)

R.T.: 11.676 min
Delta R.T.: 0.002 min
Response: 2988809
Conc: 19.86 ug/ml



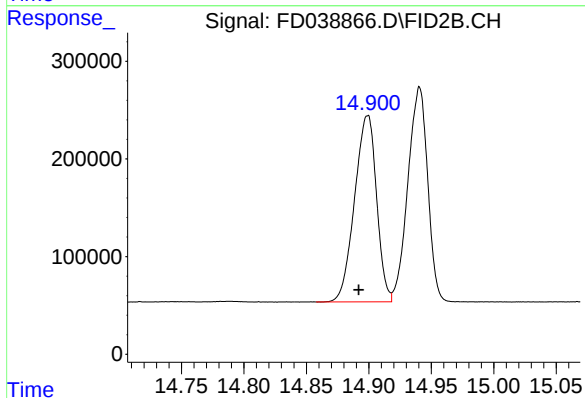
#12 Fluoranthene (C21.85)

R.T.: 12.729 min
Delta R.T.: 0.005 min
Response: 2841903
Conc: 19.00 ug/ml



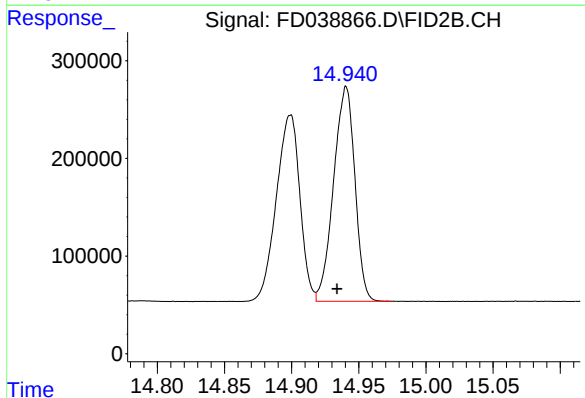
#13 Pyrene (C20.8)

R.T.: 13.027 min
Delta R.T.: 0.005 min
Response: 2723397
Conc: 18.80 ug/ml



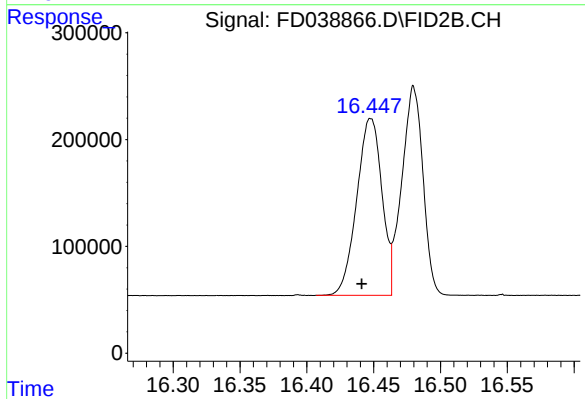
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.899 min
Delta R.T.: 0.007 min
Response: 2335659
Conc: 18.35 ug/ml



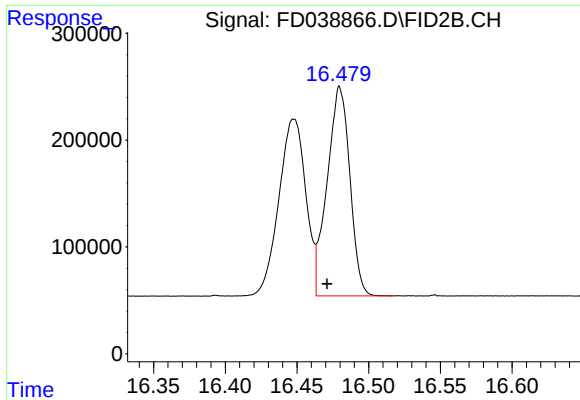
#15 Chrysene (C27.41)

R.T.: 14.941 min
Delta R.T.: 0.007 min
Response: 2428152
Conc: 18.23 ug/ml



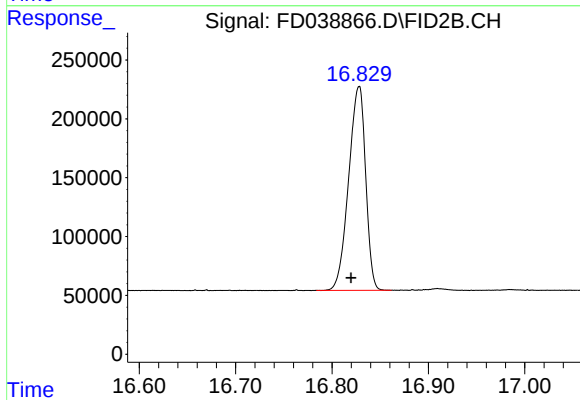
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.448 min
Delta R.T.: 0.007 min
Response: 2169178
Conc: 18.77 ug/ml



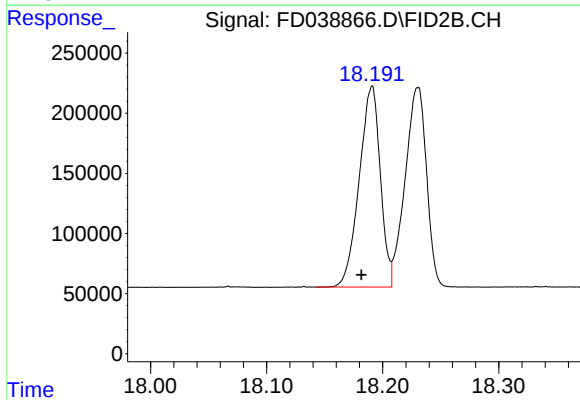
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.480 min
Delta R.T.: 0.009 min
Response: 2163027
Conc: 18.91 ug/ml



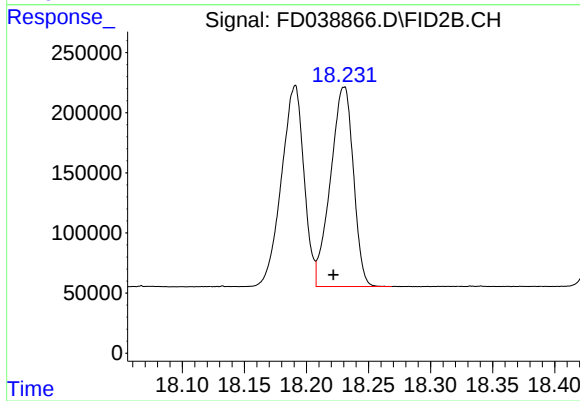
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.828 min
Delta R.T.: 0.008 min
Response: 2115705
Conc: 19.27 ug/ml



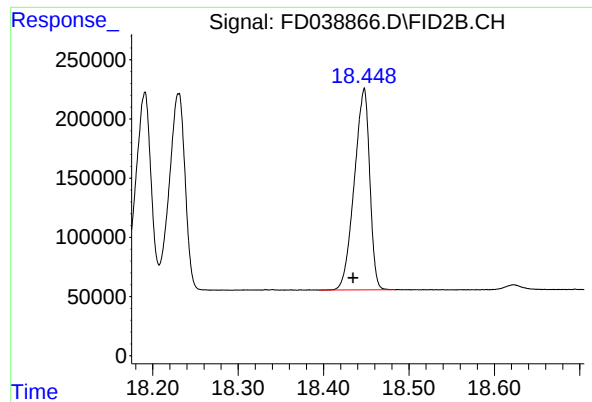
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.191 min
Delta R.T.: 0.009 min
Response: 2106845
Conc: 20.64 ug/ml



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

R.T.: 18.230 min
Delta R.T.: 0.009 min
Response: 2130348
Conc: 20.94 ug/ml



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

R.T.: 18.448 min
Delta R.T.: 0.013 min
Response: 2130617
Conc: 20.91 ug/ml