

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD073120AR\
 Data File : FD034278.D
 Signal(s) : FID2B.CH
 Acq On : 01 Aug 2020 3:46
 Operator : DD\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 01 04:22:18 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 01 03:51:15 2020
 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...	7.702	1175775	9.699 ug/ml
Spiked Amount 50.000		Recovery =	19.40%
6) S 2-Fluorobiphenyl (SURR)	8.568	832523	9.694 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.39%
11) S ortho-Terphenyl (SURR)	11.609	1376965	9.802 ug/ml
Spiked Amount 50.000		Recovery =	19.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.497	1265042	9.679 ug/ml
2) T Naphthalene (C11.7)	6.040	1340176	9.684 ug/ml
3) T 2-Methylnaphthalene (...)	7.093	1353696	9.699 ug/ml
5) T Acenaphthylene (C15.06)	8.371	1339021	9.805 ug/ml
7) T Acenaphthene (C15.5)	8.666	1355922	9.747 ug/ml
8) T Fluorene (C16.55)	9.447	1344186	9.767 ug/ml
9) T Phenanthrene (C19.36)	10.845	1360092	9.774 ug/ml
10) T Anthracene (C19.43)	10.919	1348923	9.780 ug/ml
12) T Fluoranthene (C21.85)	12.657	1380001	9.812 ug/ml
13) T Pyrene (C20.8)	12.955	1351372	9.824 ug/ml
14) T Benzo[a]anthracene (C...	14.824	1338881	9.863 ug/ml
15) T Chrysene (C27.41)	14.866	1338191	9.880 ug/ml
16) T benzo[b]fluoranthene ...	16.373	1308392	9.925 ug/ml
17) T Bnezo[k]fluoranthene ...	16.404	1277677	9.937 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.751	1286389	9.942 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.113	1218289	9.887 ug/ml
20) T Dibenz[a,h]anthracene...	18.153	1236403	10.055 ug/ml
21) T Benzo[g,h,i]perylene ...	18.368	1224468	9.976 ug/ml

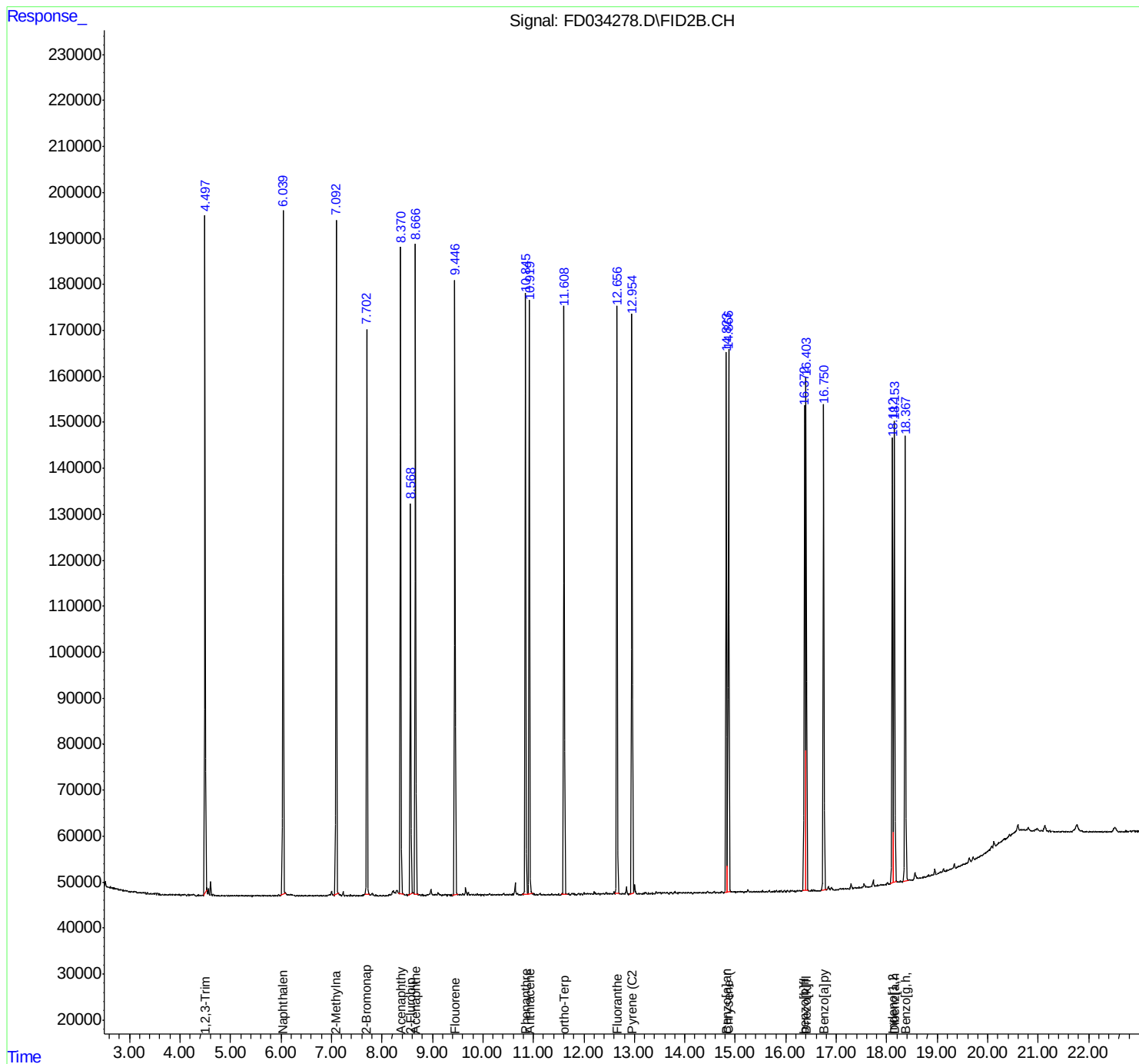
(f)=RT Delta > 1/2 Window

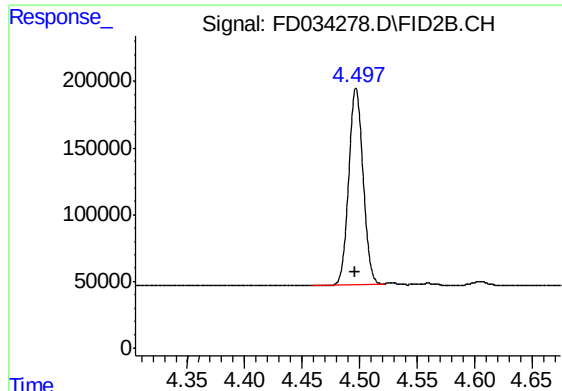
(m)=manual int.

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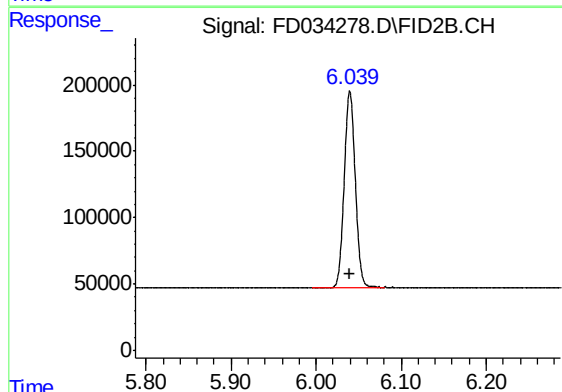
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Signal Info : 20M x 0.18mm x 0.18µm





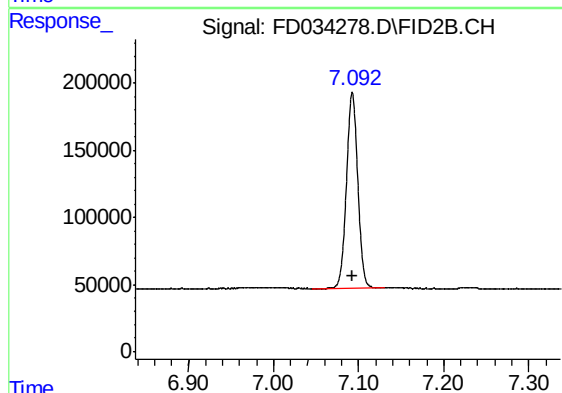
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 1265042
Conc: 9.68 ug/ml



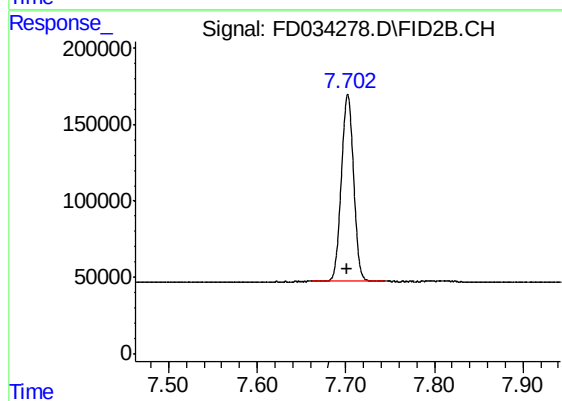
#2 Naphthalene (C11.7)

R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 1340176
Conc: 9.68 ug/ml



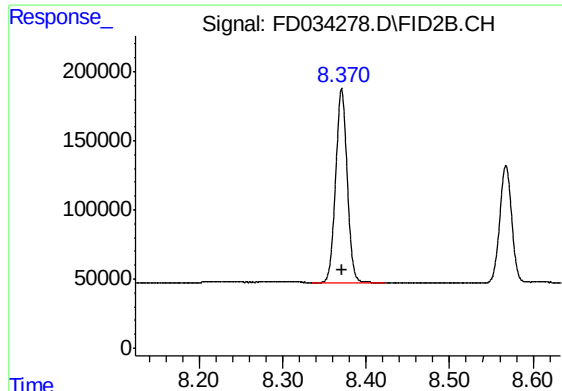
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.093 min
Delta R.T.: 0.000 min
Response: 1353696
Conc: 9.70 ug/ml



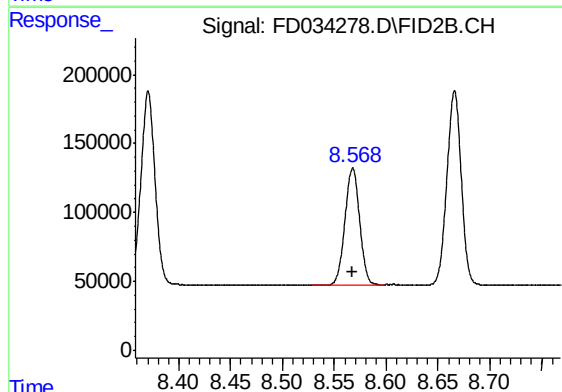
#4 2-Bromonaphthalene (SURR)

R.T.: 7.702 min
Delta R.T.: 0.000 min
Response: 1175775
Conc: 9.70 ug/ml



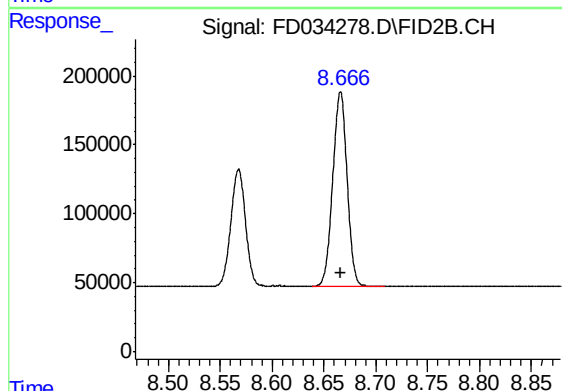
#5 Acenaphthylene (C15.06)

R.T.: 8.371 min
Delta R.T.: 0.000 min
Response: 1339021
Conc: 9.81 ug/ml



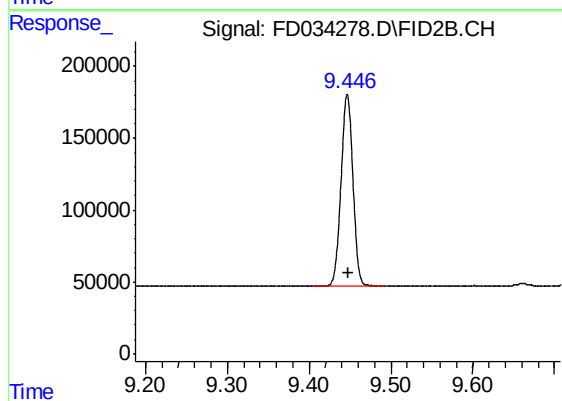
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.568 min
Delta R.T.: 0.000 min
Response: 832523
Conc: 9.69 ug/ml



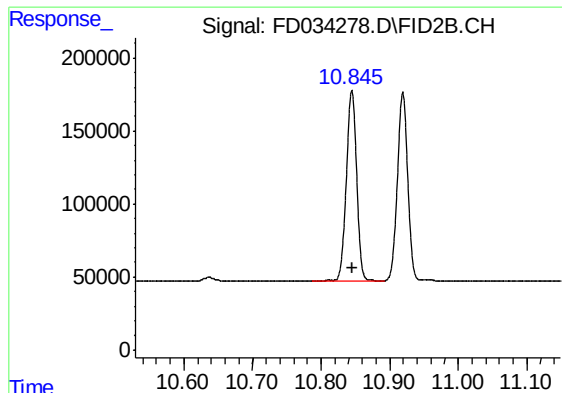
#7 Acenaphthene (C15.5)

R.T.: 8.666 min
Delta R.T.: 0.000 min
Response: 1355922
Conc: 9.75 ug/ml



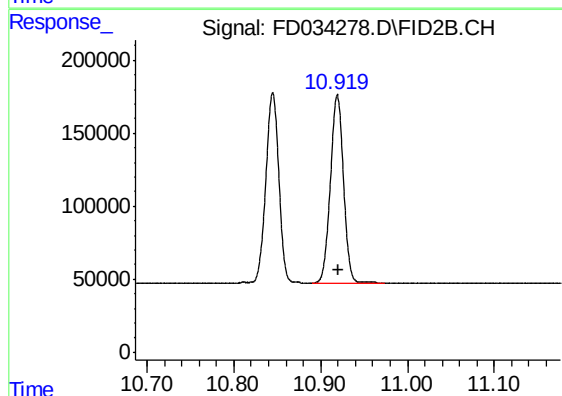
#8 Flouorene (C16.55)

R.T.: 9.447 min
Delta R.T.: -0.001 min
Response: 1344186
Conc: 9.77 ug/ml



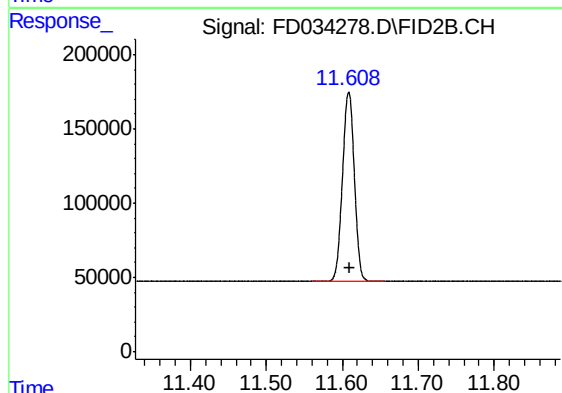
#9 Phenanthrene (C19.36)

R.T.: 10.845 min
Delta R.T.: -0.001 min
Response: 1360092
Conc: 9.77 ug/ml



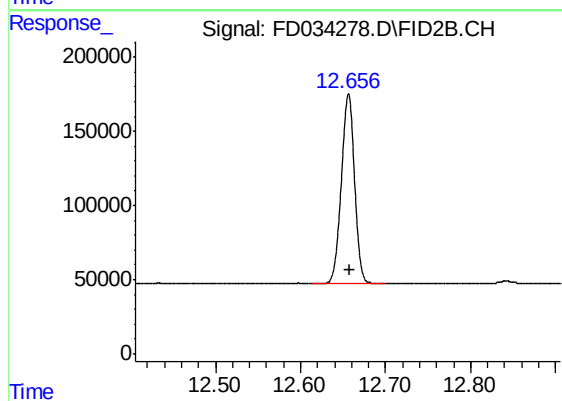
#10 Anthracene (C19.43)

R.T.: 10.919 min
Delta R.T.: -0.001 min
Response: 1348923
Conc: 9.78 ug/ml



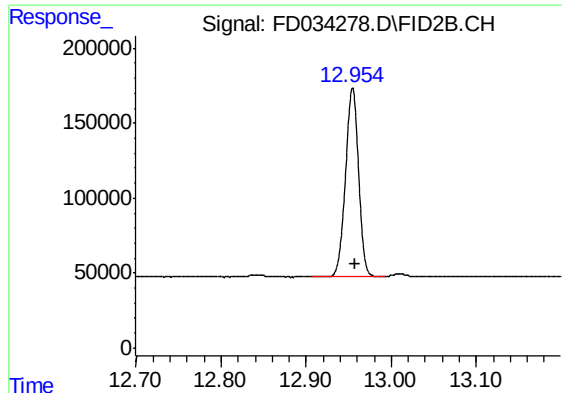
#11 ortho-Terphenyl (SURR)

R.T.: 11.609 min
Delta R.T.: 0.000 min
Response: 1376965
Conc: 9.80 ug/ml



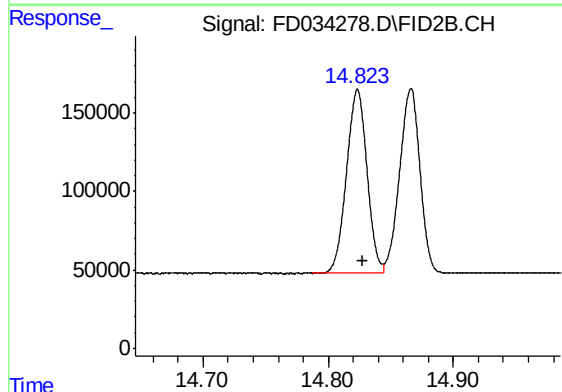
#12 Fluoranthene (C21.85)

R.T.: 12.657 min
Delta R.T.: -0.002 min
Response: 1380001
Conc: 9.81 ug/ml



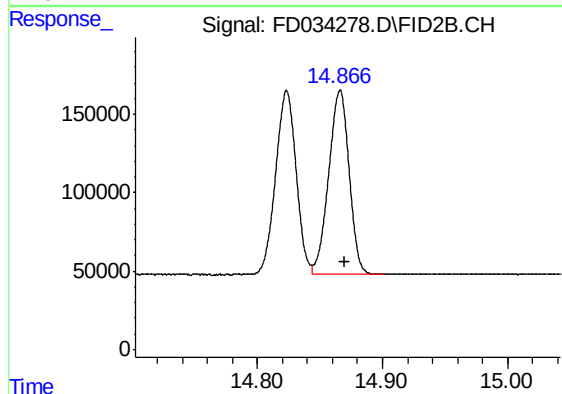
#13 Pyrene (C20.8)

R.T.: 12.955 min
Delta R.T.: -0.002 min
Response: 1351372
Conc: 9.82 ug/ml



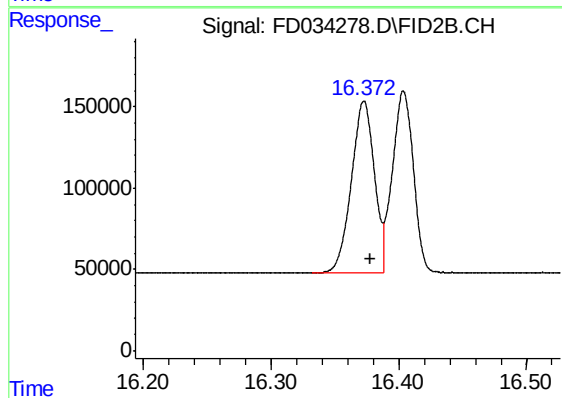
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.824 min
Delta R.T.: -0.004 min
Response: 1338881
Conc: 9.86 ug/ml



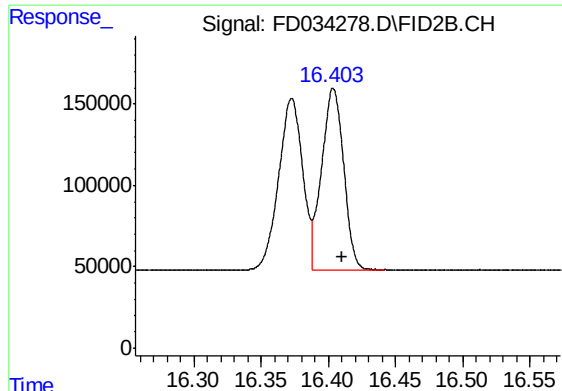
#15 Chrysene (C27.41)

R.T.: 14.866 min
Delta R.T.: -0.003 min
Response: 1338191
Conc: 9.88 ug/ml



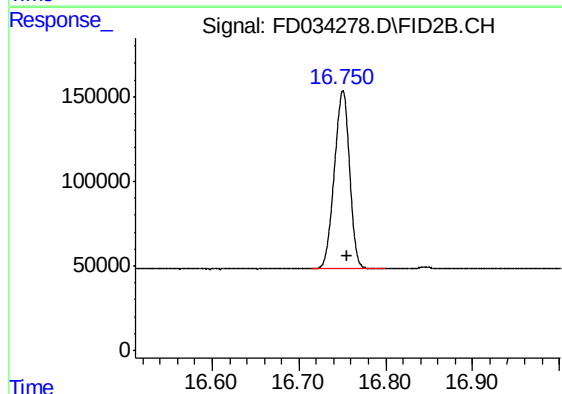
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.373 min
Delta R.T.: -0.005 min
Response: 1308392
Conc: 9.93 ug/ml



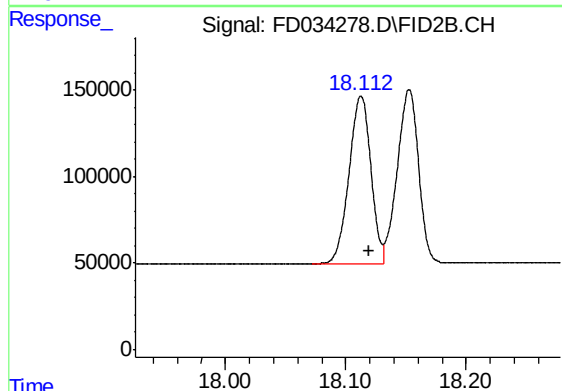
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.404 min
Delta R.T.: -0.006 min
Response: 1277677
Conc: 9.94 ug/ml



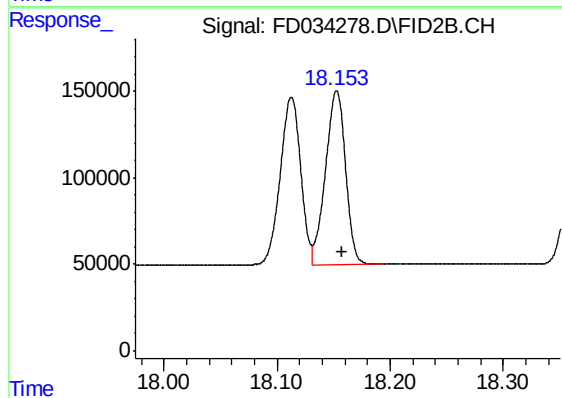
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.751 min
Delta R.T.: -0.005 min
Response: 1286389
Conc: 9.94 ug/ml



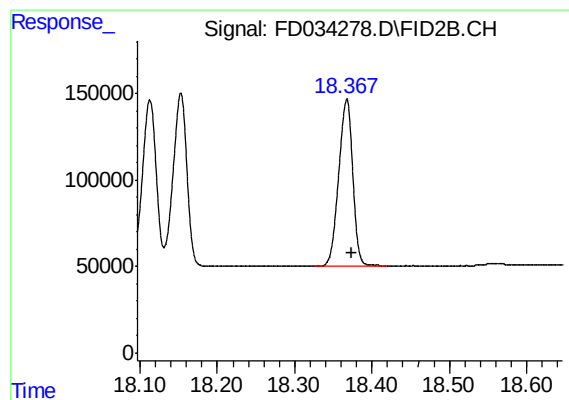
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.113 min
Delta R.T.: -0.006 min
Response: 1218289
Conc: 9.89 ug/ml



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

R.T.: 18.153 min
Delta R.T.: -0.005 min
Response: 1236403
Conc: 10.06 ug/ml



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

R.T.: 18.368 min
Delta R.T.: -0.007 min
Response: 1224468
Conc: 9.98 ug/ml