

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120721AR\
 Data File : FD039748.D
 Signal(s) : FID2B.CH
 Acq On : 07 Dec 2021 12:02
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 08 00:21:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112321.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 24 04:30:20 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...	7.739	2021068	18.064 ug/ml
Spiked Amount 50.000		Recovery =	36.13%
6) S 2-Fluorobiphenyl (SURR)	8.608	1318172	17.576 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.15%
11) S ortho-Terphenyl (SURR)	11.650	2220393	17.953 ug/ml
Spiked Amount 50.000		Recovery =	35.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.528	2286379	18.460 ug/ml
2) T Naphthalene (C11.7)	6.075	2320519	18.146 ug/ml
3) T 2-Methylnaphthalene (...)	7.129	2329298	17.928 ug/ml
5) T Acenaphthylene (C15.06)	8.409	2138784	17.812 ug/ml
7) T Acenaphthene (C15.5)	8.704	2309883	18.138 ug/ml
8) T Flouorene (C16.55)	9.488	2188139	17.813 ug/ml
9) T Phenanthrene (C19.36)	10.889	2093820	17.456 ug/ml
10) T Anthracene (C19.43)	10.965	2089361	17.444 ug/ml
12) T Fluoranthene (C21.85)	12.706	2098373	17.602 ug/ml
13) T Pyrene (C20.8)	13.005	2013689	17.711 ug/ml
14) T Benzo[a]anthracene (C...	14.920	2148129	21.977 ug/ml
15) T Chrysene (C27.41)	14.920	2148129	18.868 ug/ml
16) T benzo[b]fluoranthene ...	16.463	2022531	20.559 ug/ml
17) T Bnezo[k]fluoranthene ...	16.463	2022531	19.112 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.813	1883411	19.542 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.215	2011120	21.575 ug/ml
20) T Dibenz[a,h]anthracene...	18.215	2011120	19.636 ug/ml
21) T Benzo[g,h,i]perylene ...	18.433	1892289	19.144 ug/ml

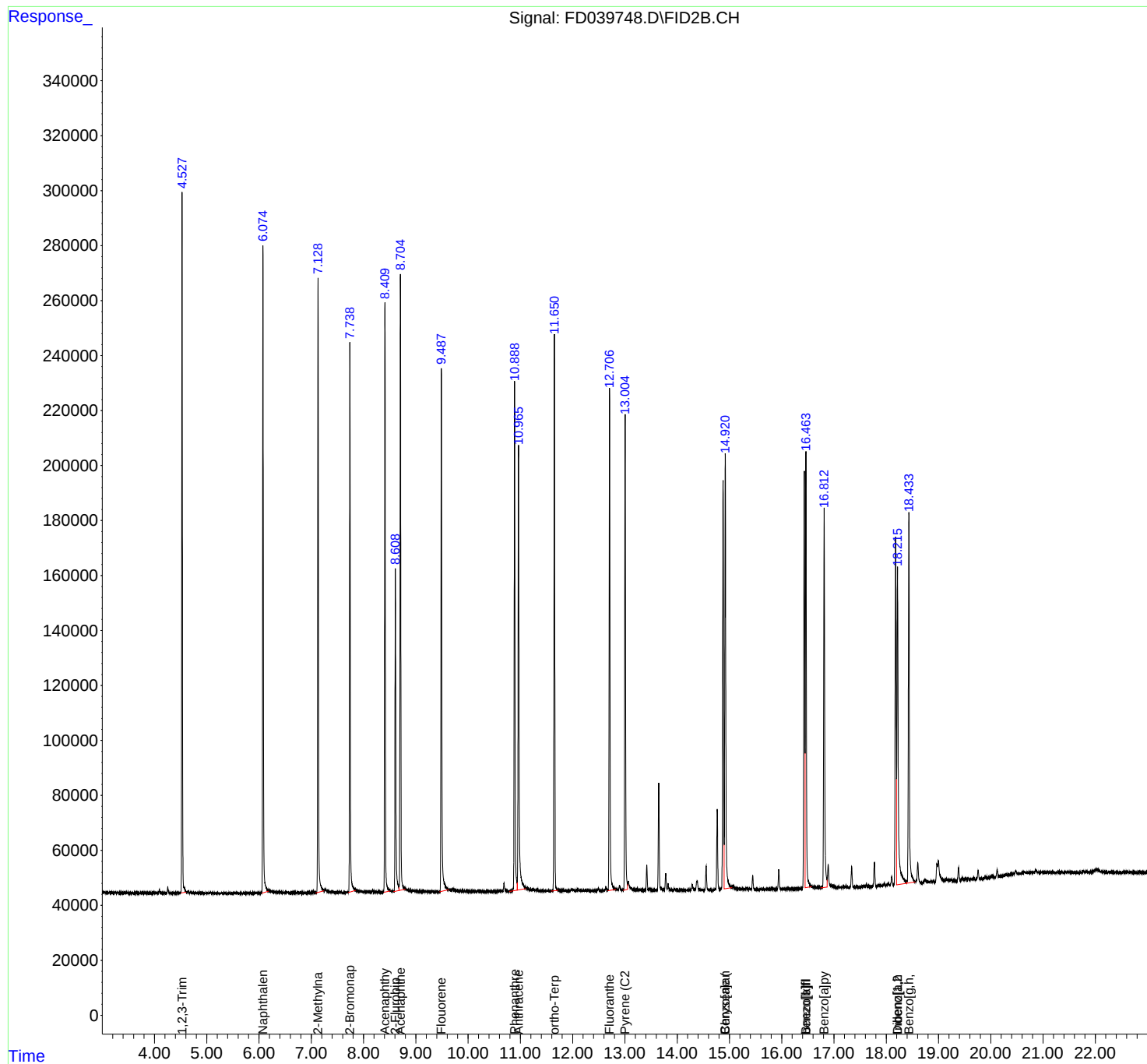
(f)=RT Delta > 1/2 Window

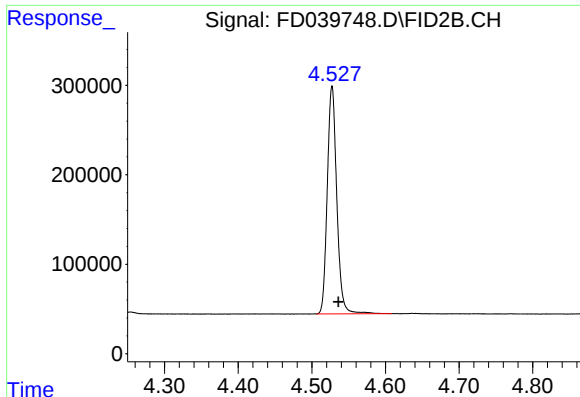
(m)=manual int.

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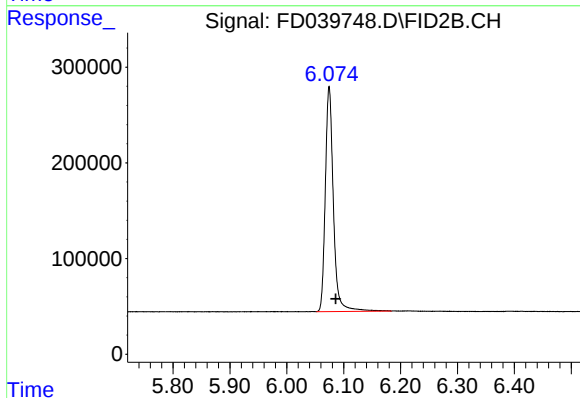
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Signal Info : 20M x 0.18mm x 0.18µm





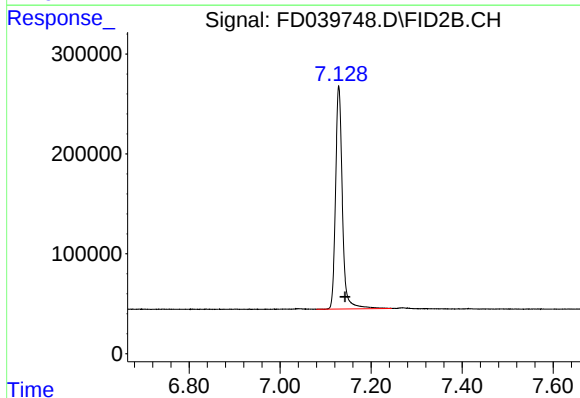
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.528 min
Delta R.T.: -0.008 min
Response: 2286379
Conc: 18.46 ug/ml



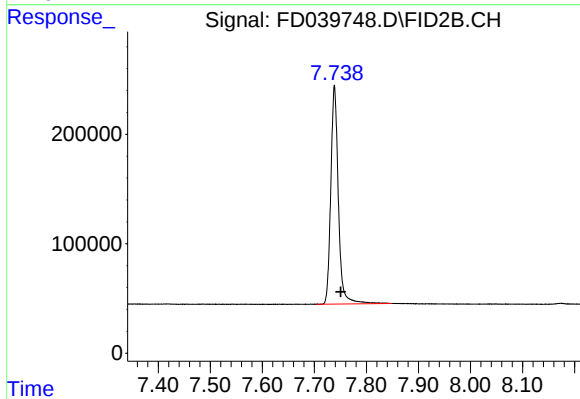
#2 Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: -0.011 min
Response: 2320519
Conc: 18.15 ug/ml



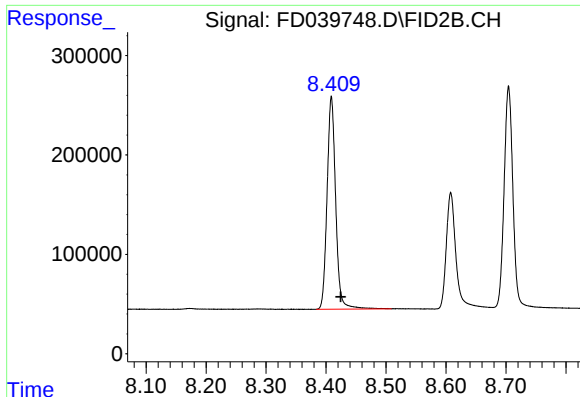
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.129 min
Delta R.T.: -0.014 min
Response: 2329298
Conc: 17.93 ug/ml



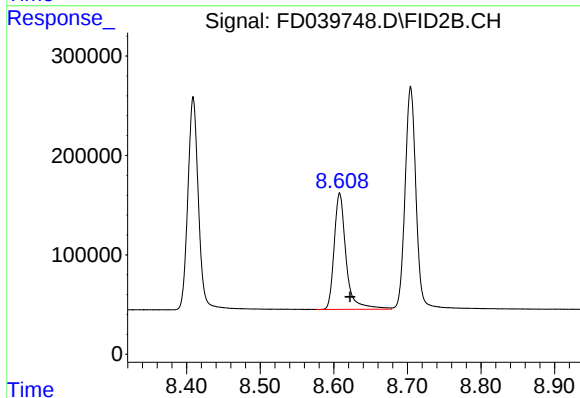
#4 2-Bromonaphthalene (SURR)

R.T.: 7.739 min
Delta R.T.: -0.012 min
Response: 2021068
Conc: 18.06 ug/ml



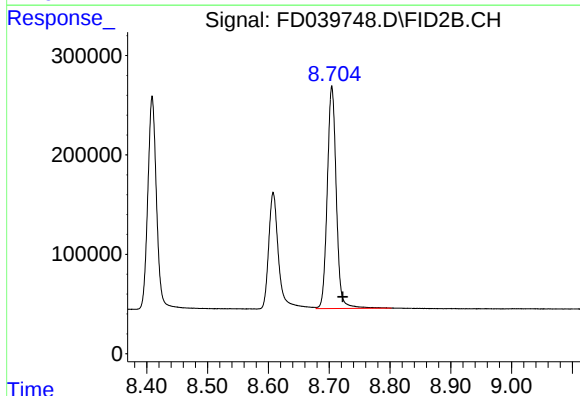
#5 Acenaphthylene (C15.06)

R.T.: 8.409 min
Delta R.T.: -0.015 min
Response: 2138784
Conc: 17.81 ug/ml



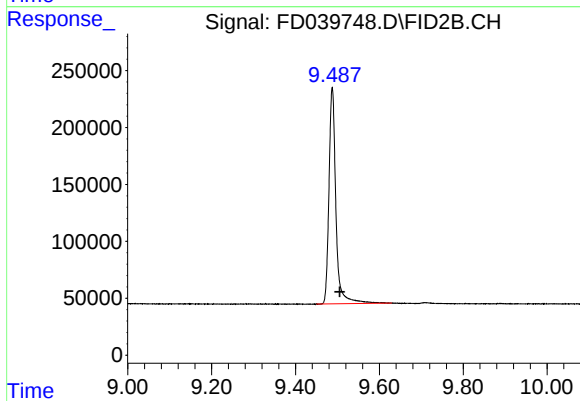
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.608 min
Delta R.T.: -0.014 min
Response: 1318172
Conc: 17.58 ug/ml



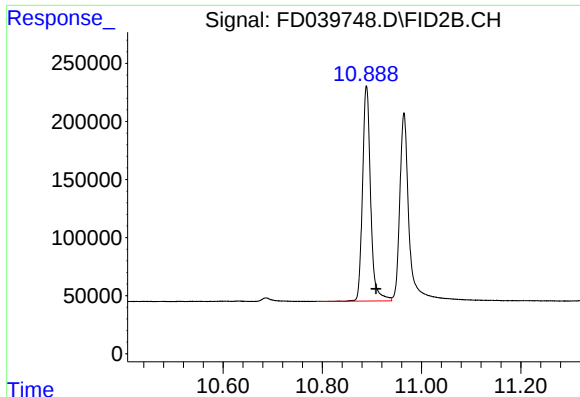
#7 Acenaphthene (C15.5)

R.T.: 8.704 min
Delta R.T.: -0.018 min
Response: 2309883
Conc: 18.14 ug/ml



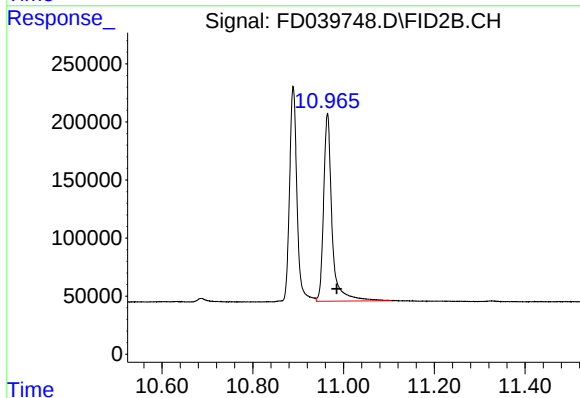
#8 Fluorene (C16.55)

R.T.: 9.488 min
Delta R.T.: -0.018 min
Response: 2188139
Conc: 17.81 ug/ml



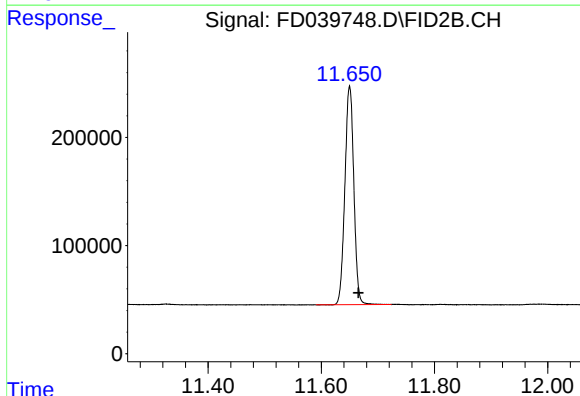
#9 Phenanthrene (C19.36)

R.T.: 10.889 min
Delta R.T.: -0.019 min
Response: 2093820
Conc: 17.46 ug/ml



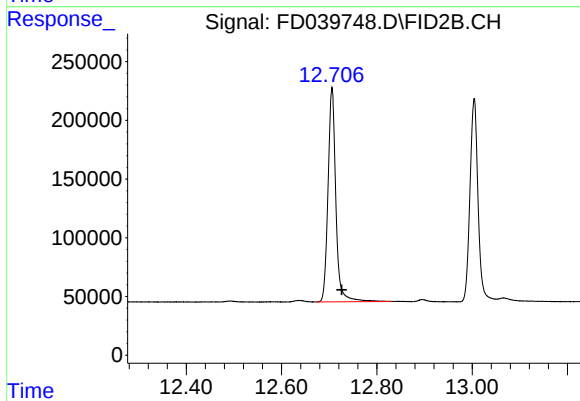
#10 Anthracene (C19.43)

R.T.: 10.965 min
Delta R.T.: -0.020 min
Response: 2089361
Conc: 17.44 ug/ml



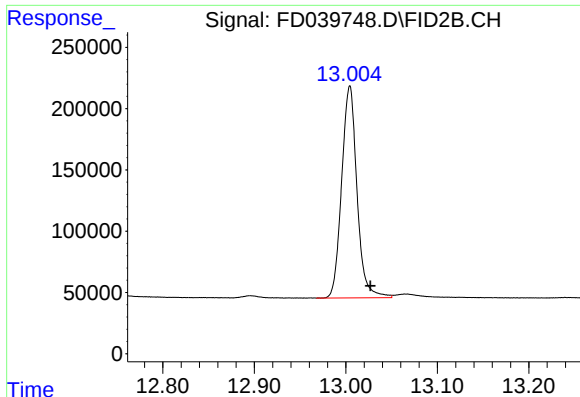
#11 ortho-Terphenyl (SURR)

R.T.: 11.650 min
Delta R.T.: -0.015 min
Response: 2220393
Conc: 17.95 ug/ml



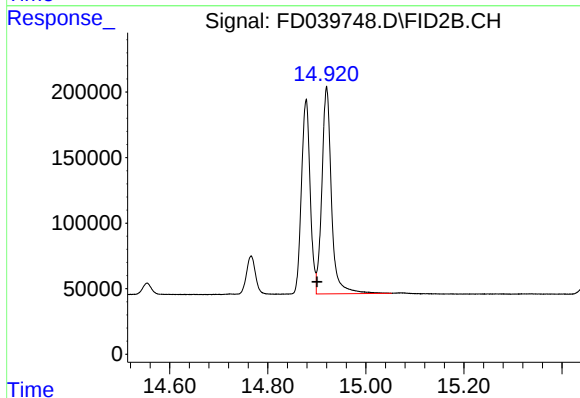
#12 Fluoranthene (C21.85)

R.T.: 12.706 min
Delta R.T.: -0.021 min
Response: 2098373
Conc: 17.60 ug/ml



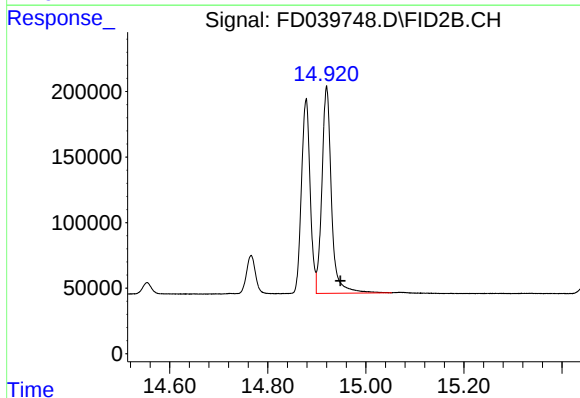
#13 Pyrene (C20.8)

R.T.: 13.005 min
Delta R.T.: -0.022 min
Response: 2013689
Conc: 17.71 ug/ml



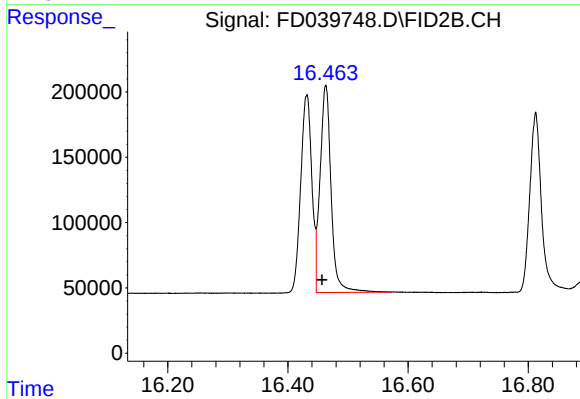
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.920 min
Delta R.T.: 0.020 min
Response: 2148129
Conc: 21.98 ug/ml



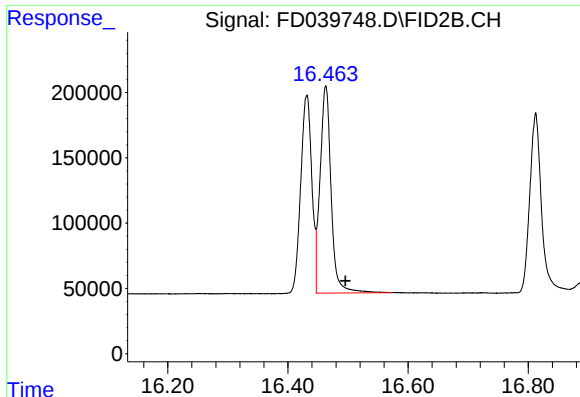
#15 Chrysene (C27.41)

R.T.: 14.920 min
Delta R.T.: -0.028 min
Response: 2148129
Conc: 18.87 ug/ml



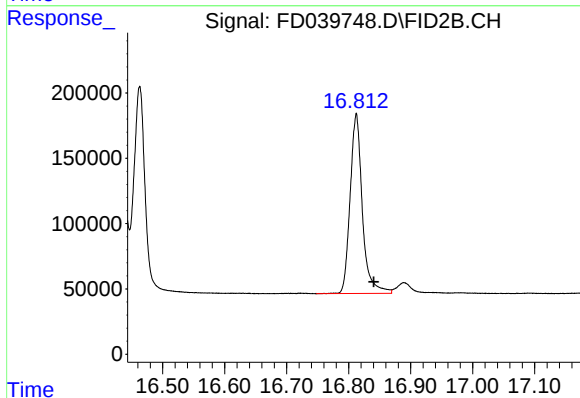
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.463 min
Delta R.T.: 0.006 min
Response: 2022531
Conc: 20.56 ug/ml



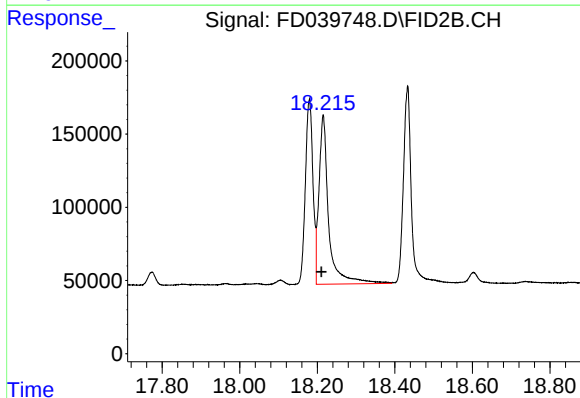
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.463 min
Delta R.T.: -0.033 min
Response: 2022531
Conc: 19.11 ug/ml



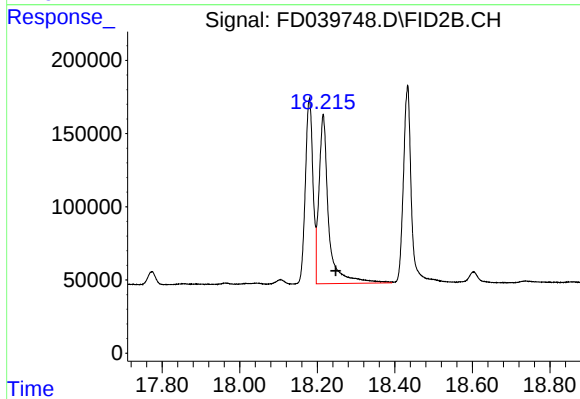
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.813 min
Delta R.T.: -0.028 min
Response: 1883411
Conc: 19.54 ug/ml



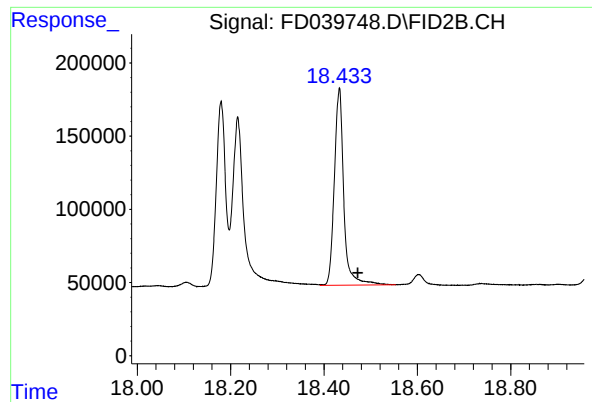
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.215 min
Delta R.T.: 0.005 min
Response: 2011120
Conc: 21.57 ug/ml



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

R.T.: 18.215 min
Delta R.T.: -0.032 min
Response: 2011120
Conc: 19.64 ug/ml



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

R.T.: 18.433 min
Delta R.T.: -0.039 min
Response: 1892289
Conc: 19.14 ug/ml