

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081021AR\
 Data File : FD038461.D
 Signal(s) : FID2B.CH
 Acq On : 10 Aug 2021 10:32
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 10 12:23:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 10:56:27 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...	7.470	2379480	18.776 ug/ml
Spiked Amount 50.000		Recovery =	37.55%
6) S 2-Fluorobiphenyl (SURR)	8.330	1610246	18.546 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.09%
11) S ortho-Terphenyl (SURR)	11.364	2610908	18.201 ug/ml
Spiked Amount 50.000		Recovery =	36.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.281	2673309	19.062 ug/ml
2) T Naphthalene (C11.7)	5.809	2763049	18.973 ug/ml
3) T 2-Methylnaphthalene (...)	6.859	2722887	18.776 ug/ml
5) T Acenaphthylene (C15.06)	8.131	2651231	18.363 ug/ml
7) T Acenaphthene (C15.5)	8.425	2760402	18.441 ug/ml
8) T Flouorene (C16.55)	9.206	2616074	18.359 ug/ml
9) T Phenanthrene (C19.36)	10.599	2522373	17.870 ug/ml
10) T Anthracene (C19.43)	10.674	2365326	17.302 ug/ml
12) T Fluoranthene (C21.85)	12.409	2435276	17.337 ug/ml
13) T Pyrene (C20.8)	12.704	2402852	17.153 ug/ml
14) T Benzo[a]anthracene (C...	14.578	2098077	16.386 ug/ml
15) T Chrysene (C27.41)	14.619	2245113	16.256 ug/ml
16) T benzo[b]fluoranthene ...	16.130	2035923	16.281 ug/ml
17) T Bnezo[k]fluoranthene ...	16.160	2103089	15.953 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.509	1892291	15.833 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.878	1909791	17.333 ug/ml
20) T Dibenz[a,h]anthracene...	17.915	2092820	17.002 ug/ml
21) T Benzo[g,h,i]perylene ...	18.131	2001640	17.474 ug/ml

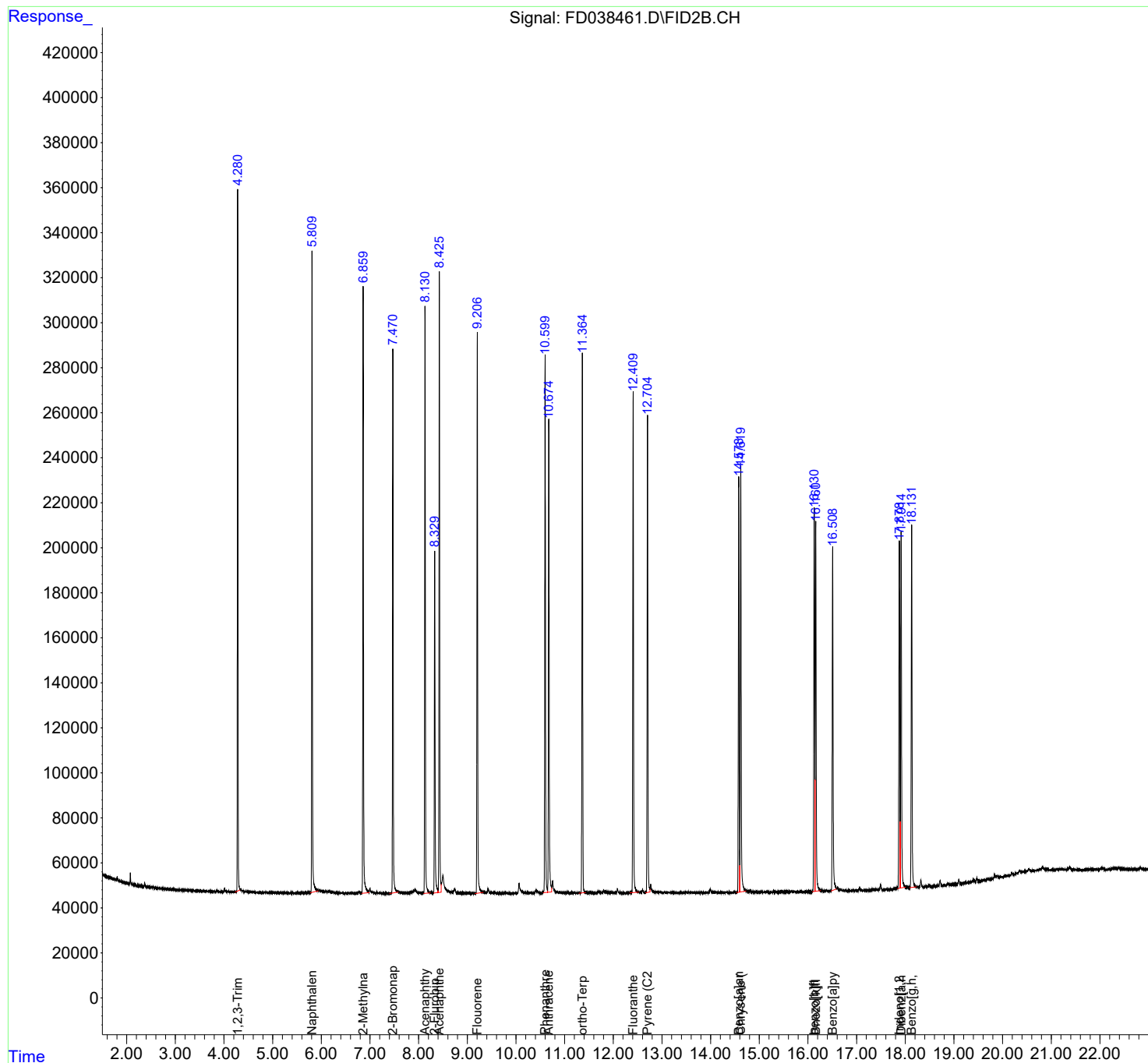
(f)=RT Delta > 1/2 Window

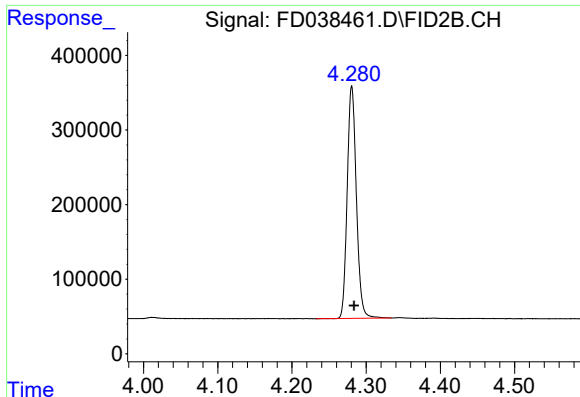
(m)=manual int.

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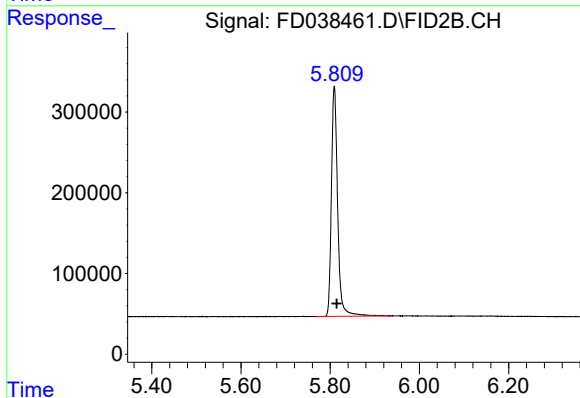
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





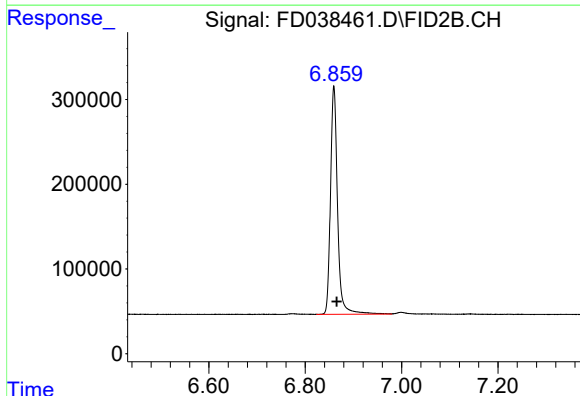
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.281 min
Delta R.T.: -0.003 min
Response: 2673309
Conc: 19.06 ug/ml



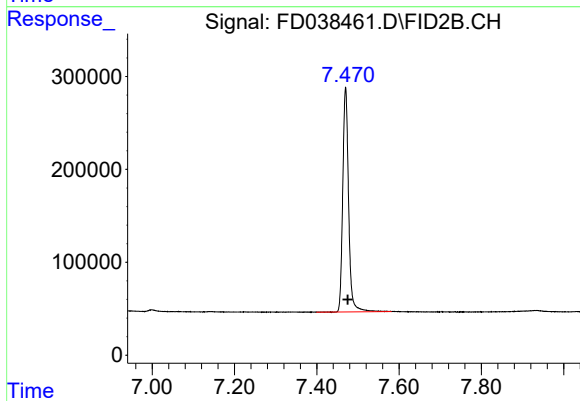
#2 Naphthalene (C11.7)

R.T.: 5.809 min
Delta R.T.: -0.005 min
Response: 2763049
Conc: 18.97 ug/ml



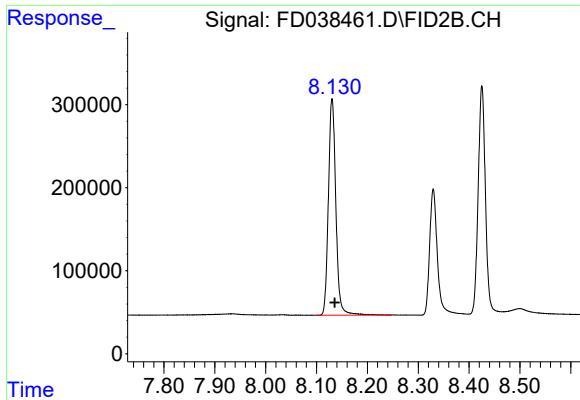
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.859 min
Delta R.T.: -0.006 min
Response: 2722887
Conc: 18.78 ug/ml



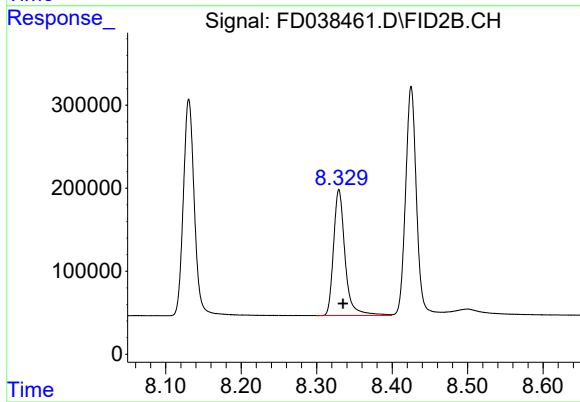
#4 2-Bromonaphthalene (SURR)

R.T.: 7.470 min
Delta R.T.: -0.005 min
Response: 2379480
Conc: 18.78 ug/ml



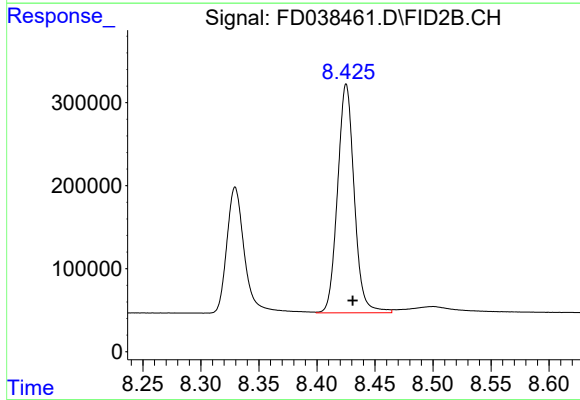
#5 Acenaphthylene (C15.06)

R.T.: 8.131 min
Delta R.T.: -0.005 min
Response: 2651231
Conc: 18.36 ug/ml



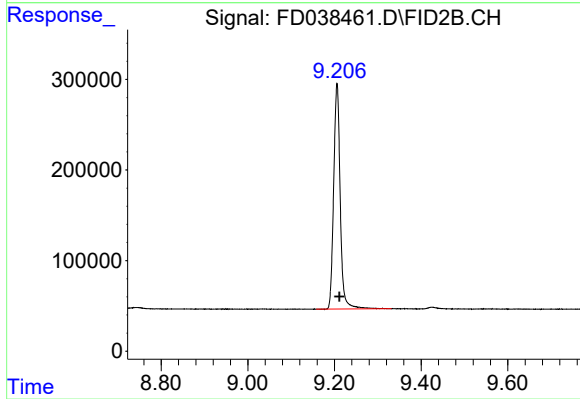
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.330 min
Delta R.T.: -0.005 min
Response: 1610246
Conc: 18.55 ug/ml



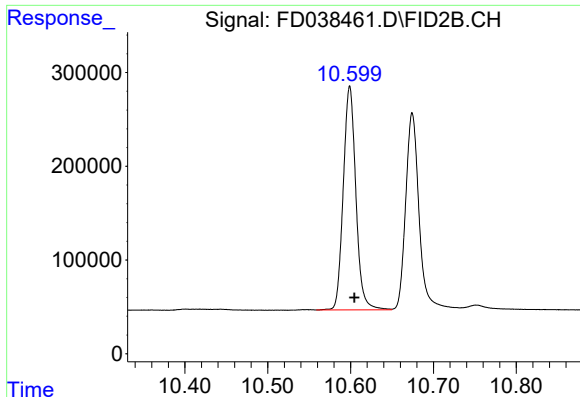
#7 Acenaphthene (C15.5)

R.T.: 8.425 min
Delta R.T.: -0.006 min
Response: 2760402
Conc: 18.44 ug/ml



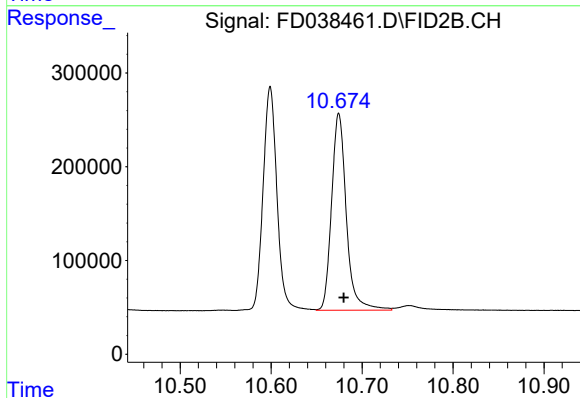
#8 Flouorene (C16.55)

R.T.: 9.206 min
Delta R.T.: -0.005 min
Response: 2616074
Conc: 18.36 ug/ml



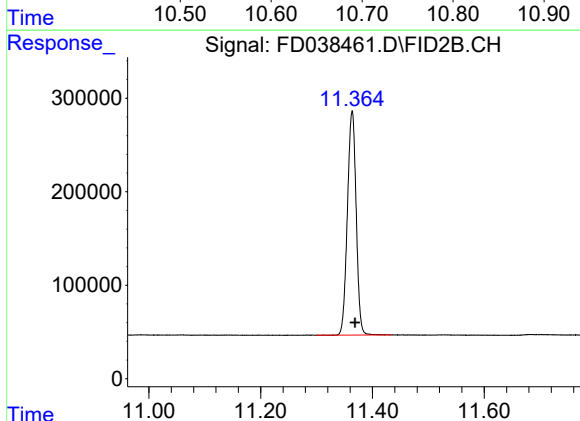
#9 Phenanthrene (C19.36)

R.T.: 10.599 min
Delta R.T.: -0.006 min
Response: 2522373
Conc: 17.87 ug/ml



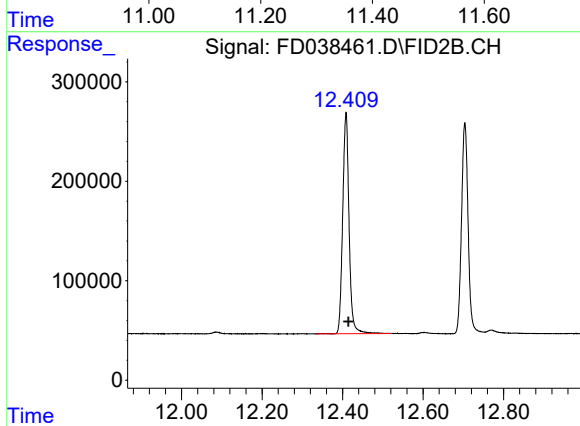
#10 Anthracene (C19.43)

R.T.: 10.674 min
Delta R.T.: -0.005 min
Response: 2365326
Conc: 17.30 ug/ml



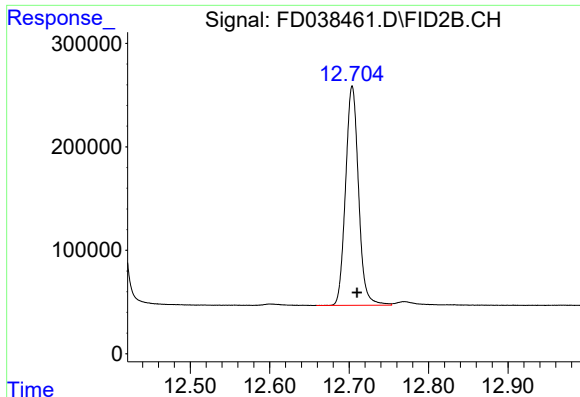
#11 ortho-Terphenyl (SURR)

R.T.: 11.364 min
Delta R.T.: -0.005 min
Response: 2610908
Conc: 18.20 ug/ml



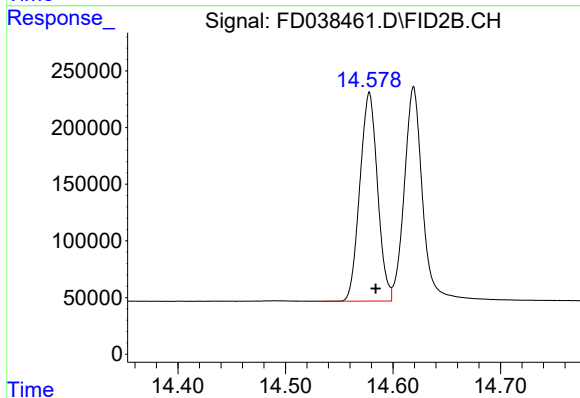
#12 Fluoranthene (C21.85)

R.T.: 12.409 min
Delta R.T.: -0.006 min
Response: 2435276
Conc: 17.34 ug/ml



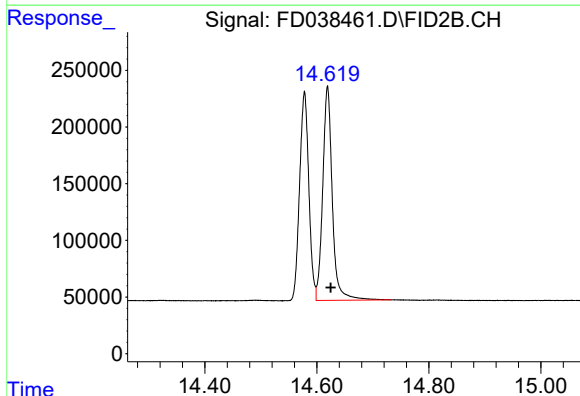
#13 Pyrene (C20.8)

R.T.: 12.704 min
Delta R.T.: -0.006 min
Response: 2402852
Conc: 17.15 ug/ml



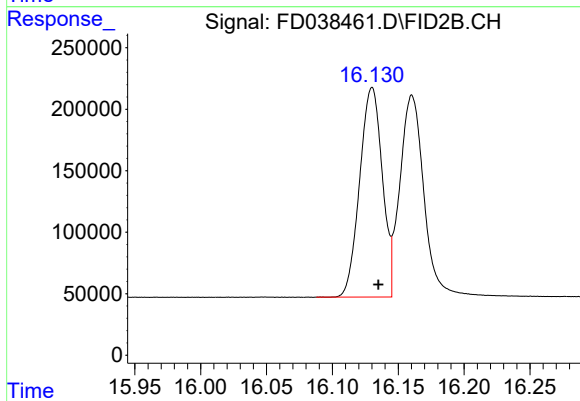
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.578 min
Delta R.T.: -0.006 min
Response: 2098077
Conc: 16.39 ug/ml



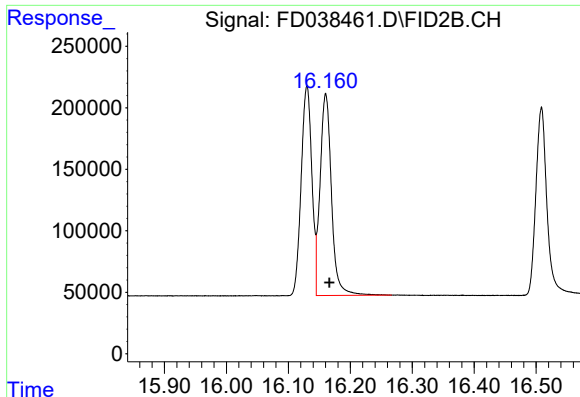
#15 Chrysene (C27.41)

R.T.: 14.619 min
Delta R.T.: -0.005 min
Response: 2245113
Conc: 16.26 ug/ml



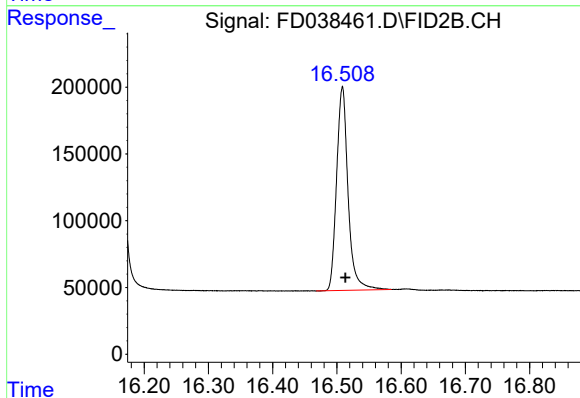
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.130 min
Delta R.T.: -0.005 min
Response: 2035923
Conc: 16.28 ug/ml



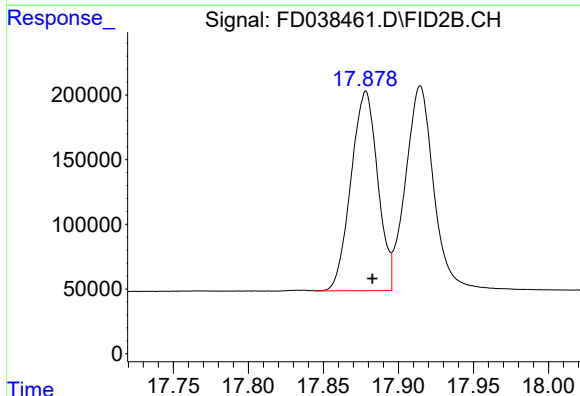
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.160 min
Delta R.T.: -0.006 min
Response: 2103089
Conc: 15.95 ug/ml



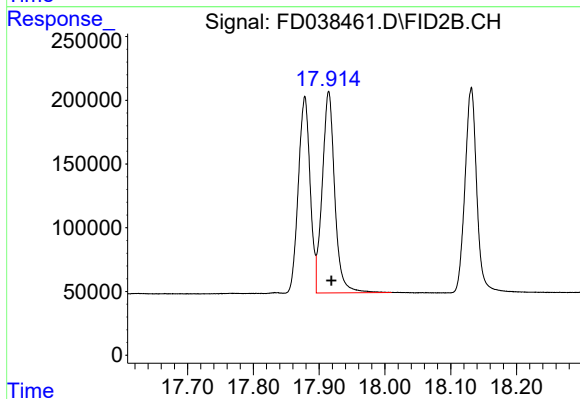
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.509 min
Delta R.T.: -0.005 min
Response: 1892291
Conc: 15.83 ug/ml



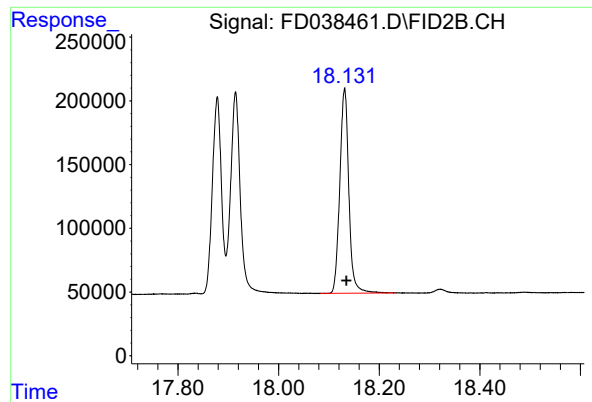
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.878 min
Delta R.T.: -0.004 min
Response: 1909791
Conc: 17.33 ug/ml



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

R.T.: 17.915 min
Delta R.T.: -0.004 min
Response: 2092820
Conc: 17.00 ug/ml



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

R.T.: 18.131 min
Delta R.T.: -0.004 min
Response: 2001640
Conc: 17.47 ug/ml