

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120821AR\
 Data File : FD039757.D
 Signal(s) : FID2B.CH
 Acq On : 08 Dec 2021 11:28
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 09 00:39:36 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...	7.737	2373328	21.213 ug/ml
Spiked Amount 50.000		Recovery =	42.43%
6) S 2-Fluorobiphenyl (SURR)	8.607	1544524	20.595 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.19%
11) S ortho-Terphenyl (SURR)	11.649	2616726	21.158 ug/ml
Spiked Amount 50.000		Recovery =	42.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.525	2654459	21.432 ug/ml
2) T Naphthalene (C11.7)	6.073	2700714	21.119 ug/ml
3) T 2-Methylnaphthalene (...)	7.127	2722788	20.956 ug/ml
5) T Acenaphthylene (C15.06)	8.408	2513941	20.937 ug/ml
7) T Acenaphthene (C15.5)	8.703	2728007	21.421 ug/ml
8) T Fluorene (C16.55)	9.487	2548191	20.744 ug/ml
9) T Phenanthrene (C19.36)	10.888	2448673	20.415 ug/ml
10) T Anthracene (C19.43)	10.963	2464778	20.578 ug/ml
12) T Fluoranthene (C21.85)	12.705	2423579	20.330 ug/ml
13) T Pyrene (C20.8)	13.004	2336794	20.553 ug/ml
14) T Benzo[a]anthracene (C...	14.920	2455460	25.121 ug/ml
15) T Chrysene (C27.41)	14.920	2455460	21.568 ug/ml
16) T benzo[b]fluoranthene ...	16.463	2406144	24.459 ug/ml
17) T Bnezo[k]fluoranthene ...	16.463	2406144	22.737 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.813	2230122	23.139 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.216	2105882	22.592 ug/ml
20) T Dibenz[a,h]anthracene...	18.216	2105882	20.561 ug/ml
21) T Benzo[g,h,i]perylene ...	18.433	2124292	21.491 ug/ml

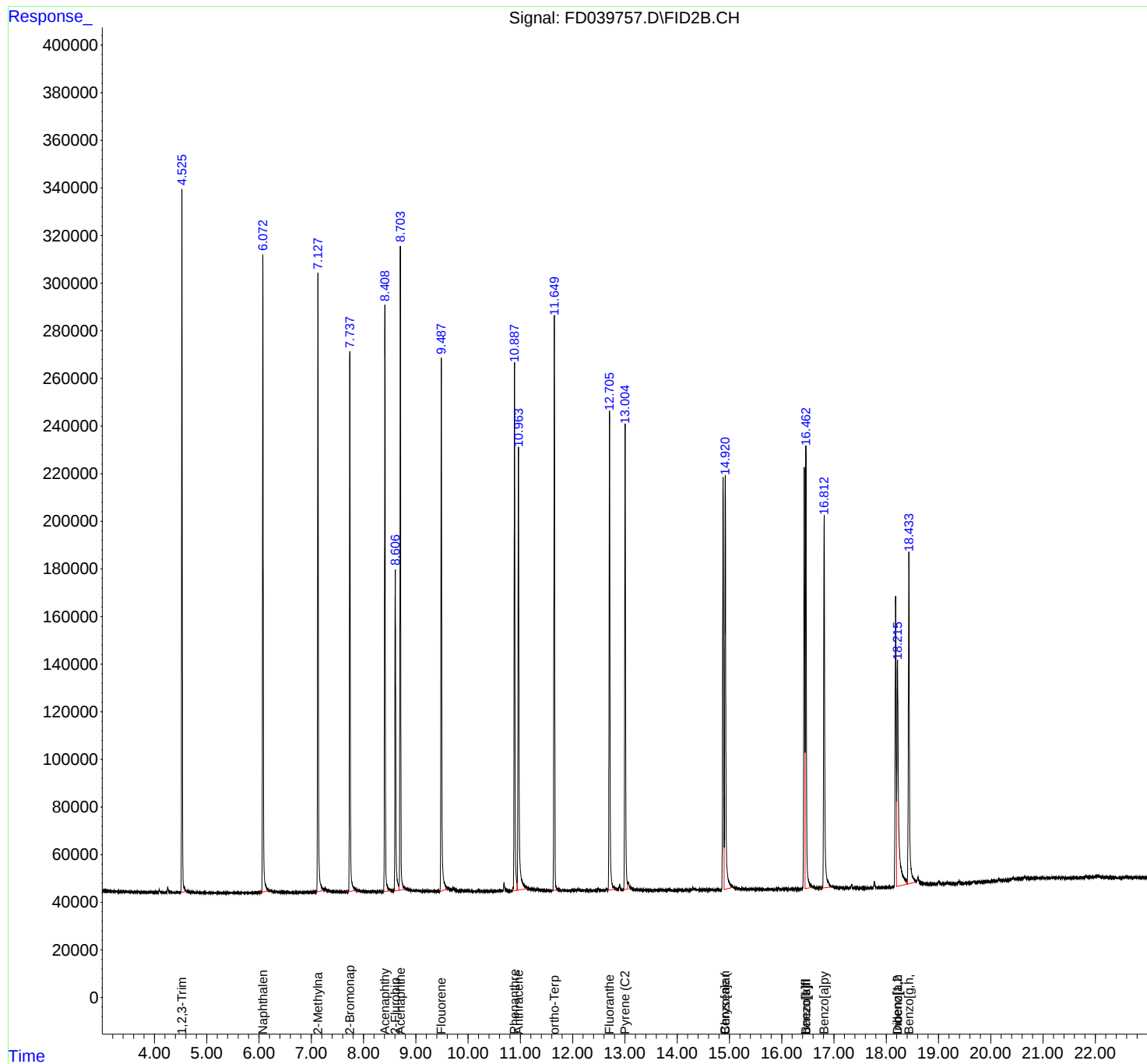
(f)=RT Delta > 1/2 Window

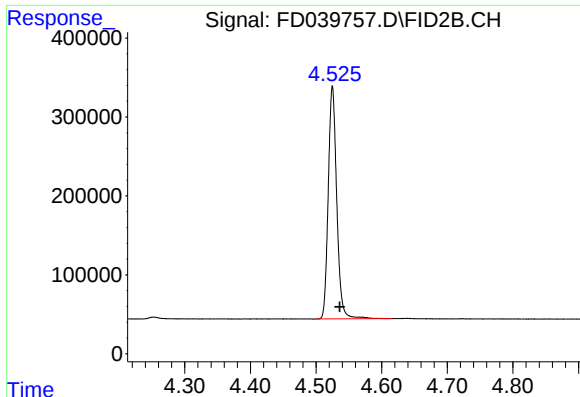
(m)=manual int.

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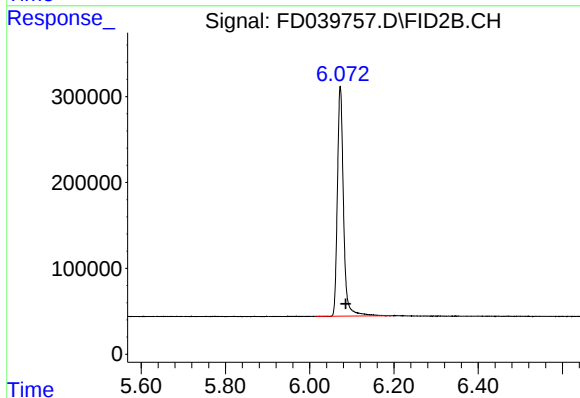
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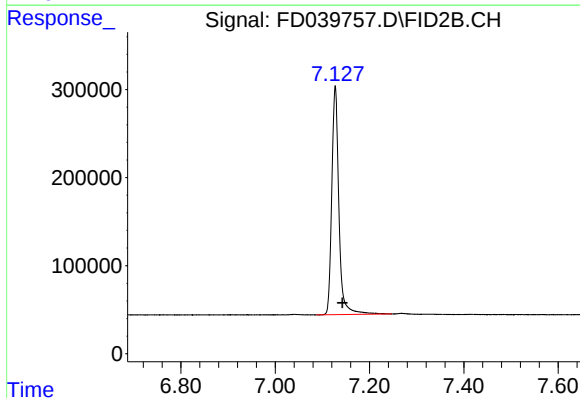
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.525 min
Delta R.T.: -0.011 min
Response: 2654459
Conc: 21.43 ug/ml



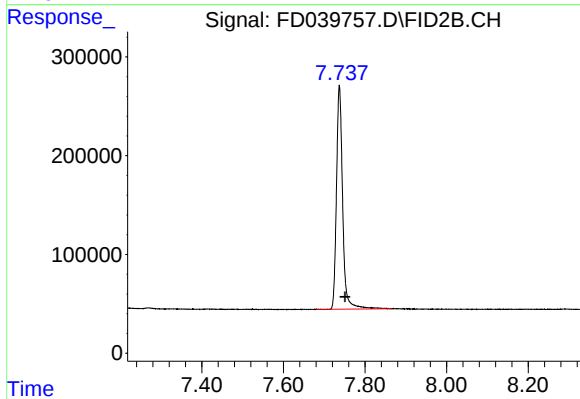
#2 Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: -0.013 min
Response: 2700714
Conc: 21.12 ug/ml



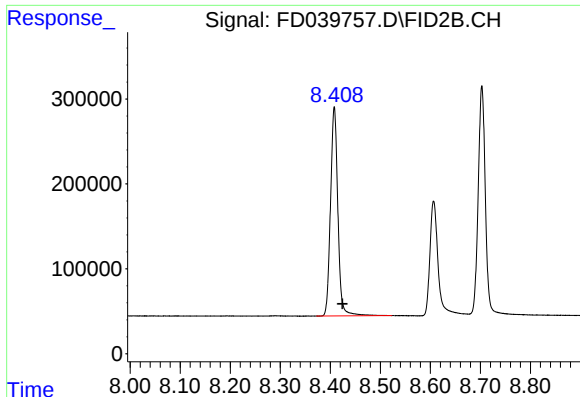
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.127 min
Delta R.T.: -0.015 min
Response: 2722788
Conc: 20.96 ug/ml



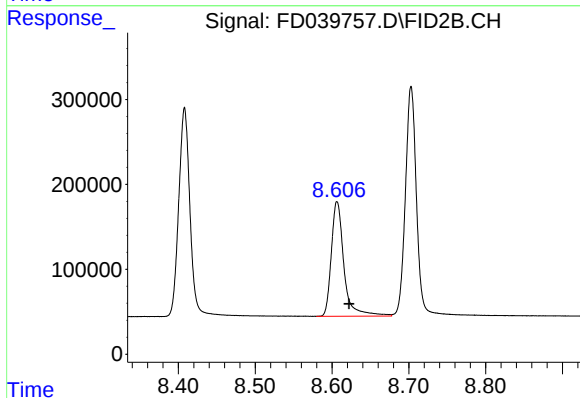
#4 2-Bromonaphthalene (SURR)

R.T.: 7.737 min
Delta R.T.: -0.014 min
Response: 2373328
Conc: 21.21 ug/ml



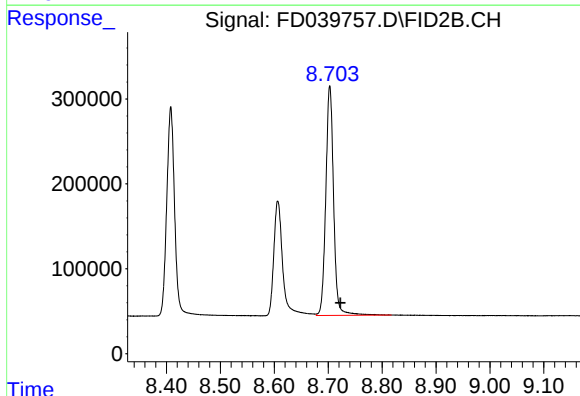
#5 Acenaphthylene (C15.06)

R.T.: 8.408 min
Delta R.T.: -0.016 min
Response: 2513941
Conc: 20.94 ug/ml



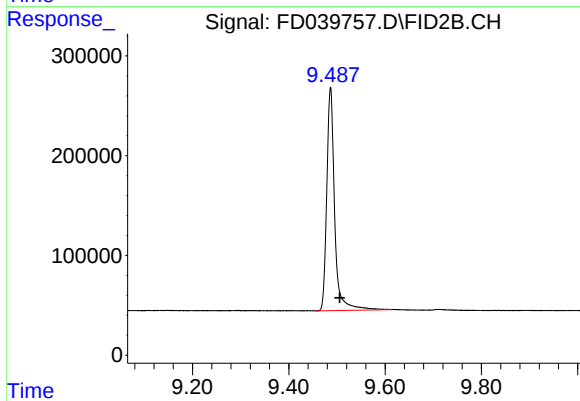
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.607 min
Delta R.T.: -0.016 min
Response: 1544524
Conc: 20.59 ug/ml



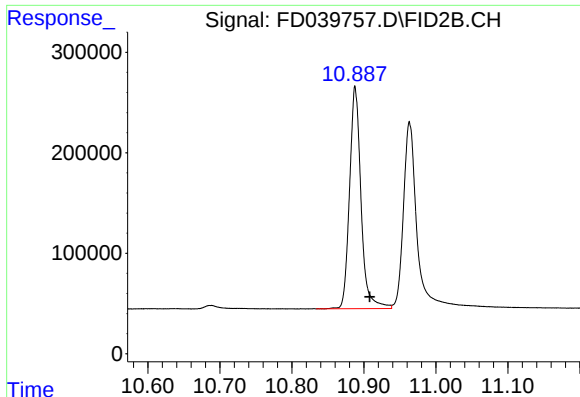
#7 Acenaphthene (C15.5)

R.T.: 8.703 min
Delta R.T.: -0.019 min
Response: 2728007
Conc: 21.42 ug/ml



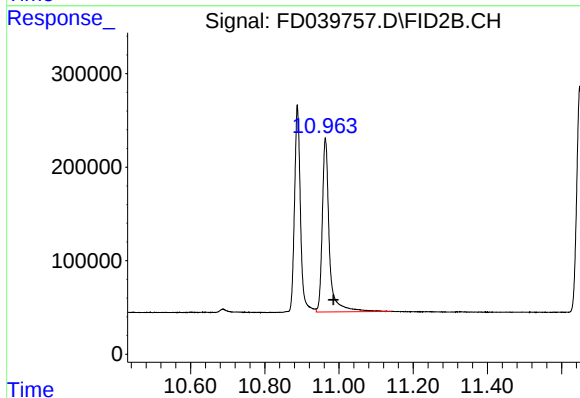
#8 Flouorene (C16.55)

R.T.: 9.487 min
Delta R.T.: -0.019 min
Response: 2548191
Conc: 20.74 ug/ml



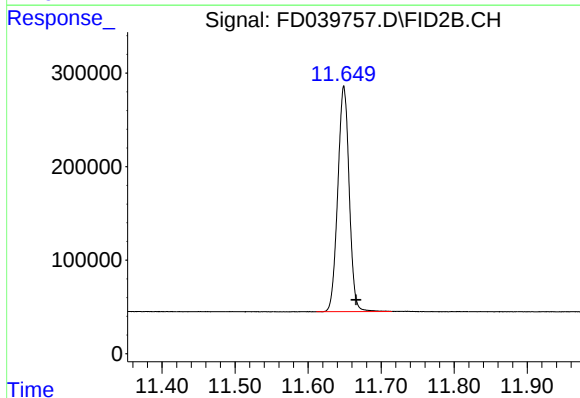
#9 Phenanthrene (C19.36)

R.T.: 10.888 min
Delta R.T.: -0.021 min
Response: 2448673
Conc: 20.41 ug/ml



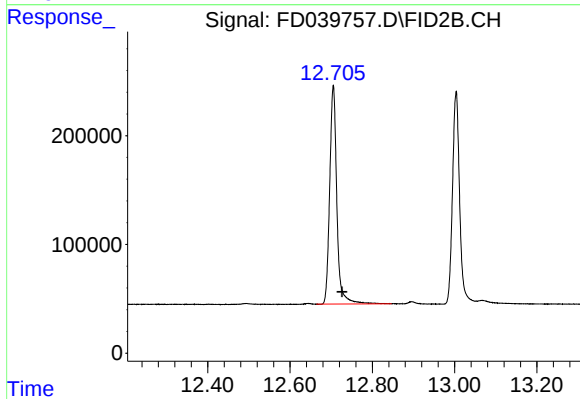
#10 Anthracene (C19.43)

R.T.: 10.963 min
Delta R.T.: -0.022 min
Response: 2464778
Conc: 20.58 ug/ml



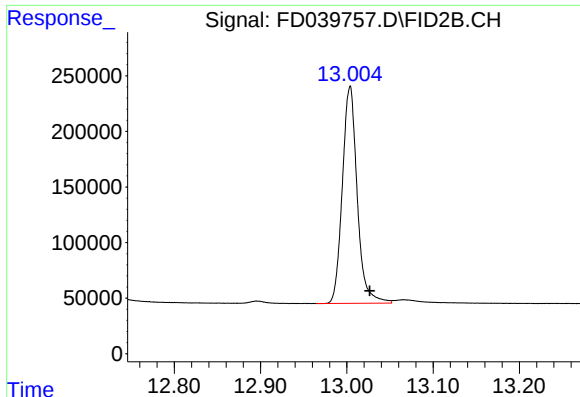
#11 ortho-Terphenyl (SURR)

R.T.: 11.649 min
Delta R.T.: -0.017 min
Response: 2616726
Conc: 21.16 ug/ml



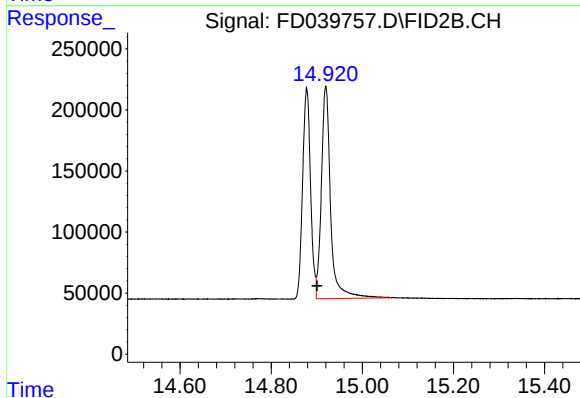
#12 Fluoranthene (C21.85)

R.T.: 12.705 min
Delta R.T.: -0.021 min
Response: 2423579
Conc: 20.33 ug/ml



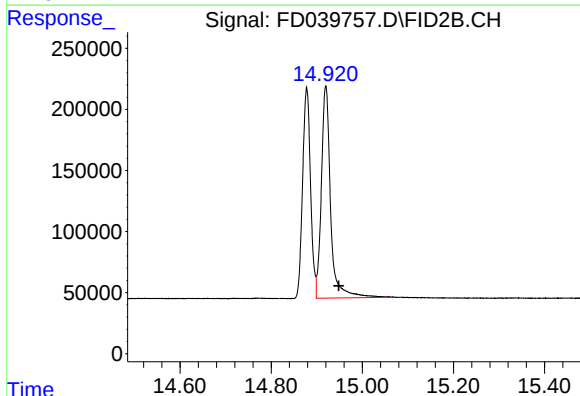
#13 Pyrene (C20.8)

R.T.: 13.004 min
Delta R.T.: -0.023 min
Response: 2336794
Conc: 20.55 ug/ml



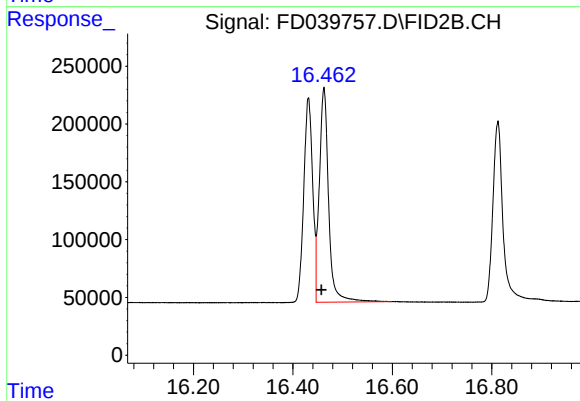
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.920 min
Delta R.T.: 0.020 min
Response: 2455460
Conc: 25.12 ug/ml



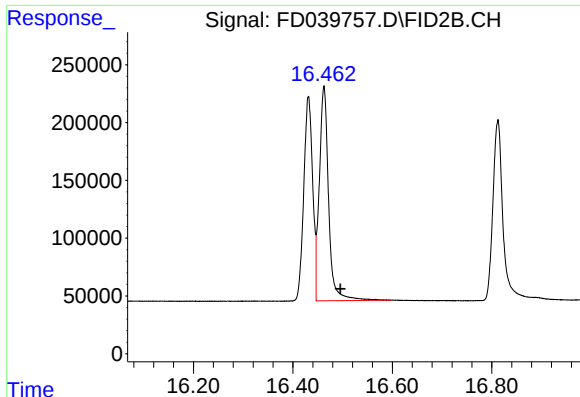
#15 Chrysene (C27.41)

R.T.: 14.920 min
Delta R.T.: -0.028 min
Response: 2455460
Conc: 21.57 ug/ml



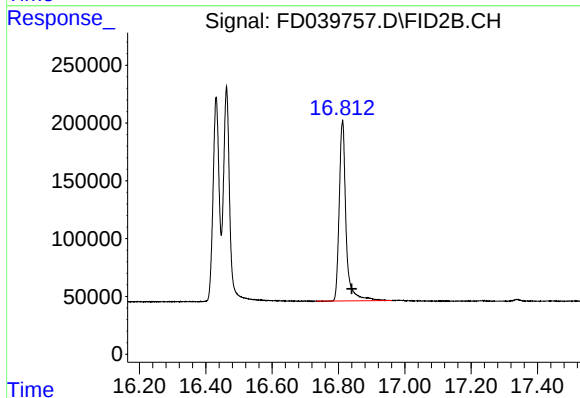
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.463 min
Delta R.T.: 0.006 min
Response: 2406144
Conc: 24.46 ug/ml



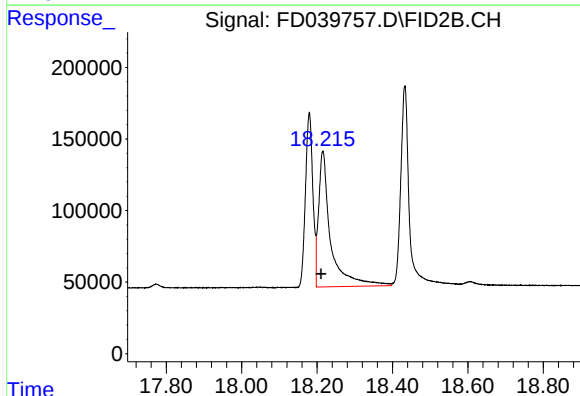
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.463 min
Delta R.T.: -0.033 min
Response: 2406144
Conc: 22.74 ug/ml



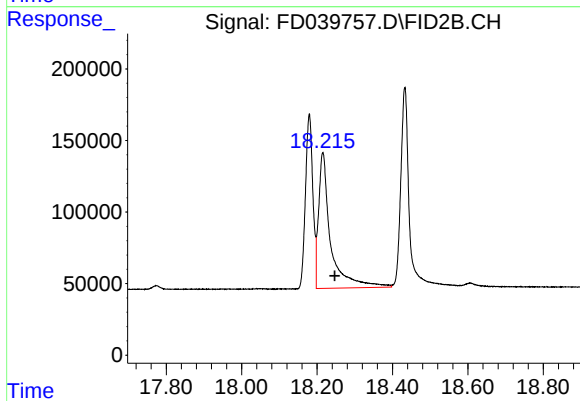
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.813 min
Delta R.T.: -0.028 min
Response: 2230122
Conc: 23.14 ug/ml



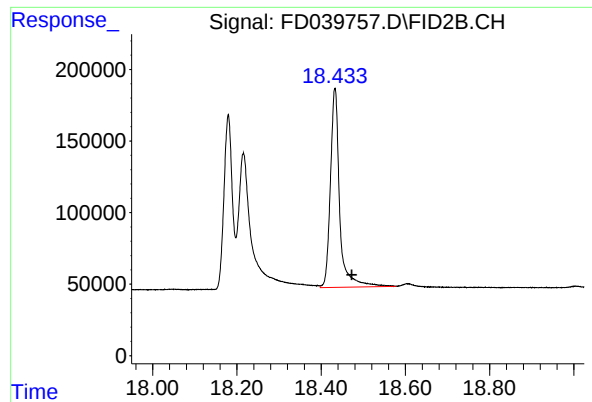
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.216 min
Delta R.T.: 0.005 min
Response: 2105882
Conc: 22.59 ug/ml



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

R.T.: 18.216 min
Delta R.T.: -0.032 min
Response: 2105882
Conc: 20.56 ug/ml



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

R.T.: 18.433 min
Delta R.T.: -0.039 min
Response: 2124292
Conc: 21.49 ug/ml