

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120721AR\
 Data File : FD039754.D
 Signal(s) : FID2B.CH
 Acq On : 07 Dec 2021 16:40
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 08 00:24:00 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...	7.738	2075509	18.551 ug/ml
Spiked Amount 50.000		Recovery =	37.10%
6) S 2-Fluorobiphenyl (SURR)	8.608	1355226	18.071 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.14%
11) S ortho-Terphenyl (SURR)	11.649	2281672	18.448 ug/ml
Spiked Amount 50.000		Recovery =	36.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.528	2320037	18.731 ug/ml
2) T Naphthalene (C11.7)	6.074	2365085	18.494 ug/ml
3) T 2-Methylnaphthalene (...)	7.128	2375548	18.284 ug/ml
5) T Acenaphthylene (C15.06)	8.408	2196997	18.297 ug/ml
7) T Acenaphthene (C15.5)	8.703	2370193	18.611 ug/ml
8) T Fluorene (C16.55)	9.487	2258203	18.384 ug/ml
9) T Phenanthrene (C19.36)	10.888	2156954	17.983 ug/ml
10) T Anthracene (C19.43)	10.963	2163473	18.063 ug/ml
12) T Fluoranthene (C21.85)	12.704	2137006	17.926 ug/ml
13) T Pyrene (C20.8)	13.002	2049306	18.024 ug/ml
14) T Benzo[a]anthracene (C...	14.919	2175290	22.255 ug/ml
15) T Chrysene (C27.41)	14.919	2175290	19.107 ug/ml
16) T benzo[b]fluoranthene ...	16.461	2026936	20.604 ug/ml
17) T Bnezo[k]fluoranthene ...	16.461	2026936	19.154 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.810	1895256	19.665 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.214	2034896	21.830 ug/ml
20) T Dibenz[a,h]anthracene...	18.214	2034896	19.868 ug/ml
21) T Benzo[g,h,i]perylene ...	18.431	1906281	19.286 ug/ml

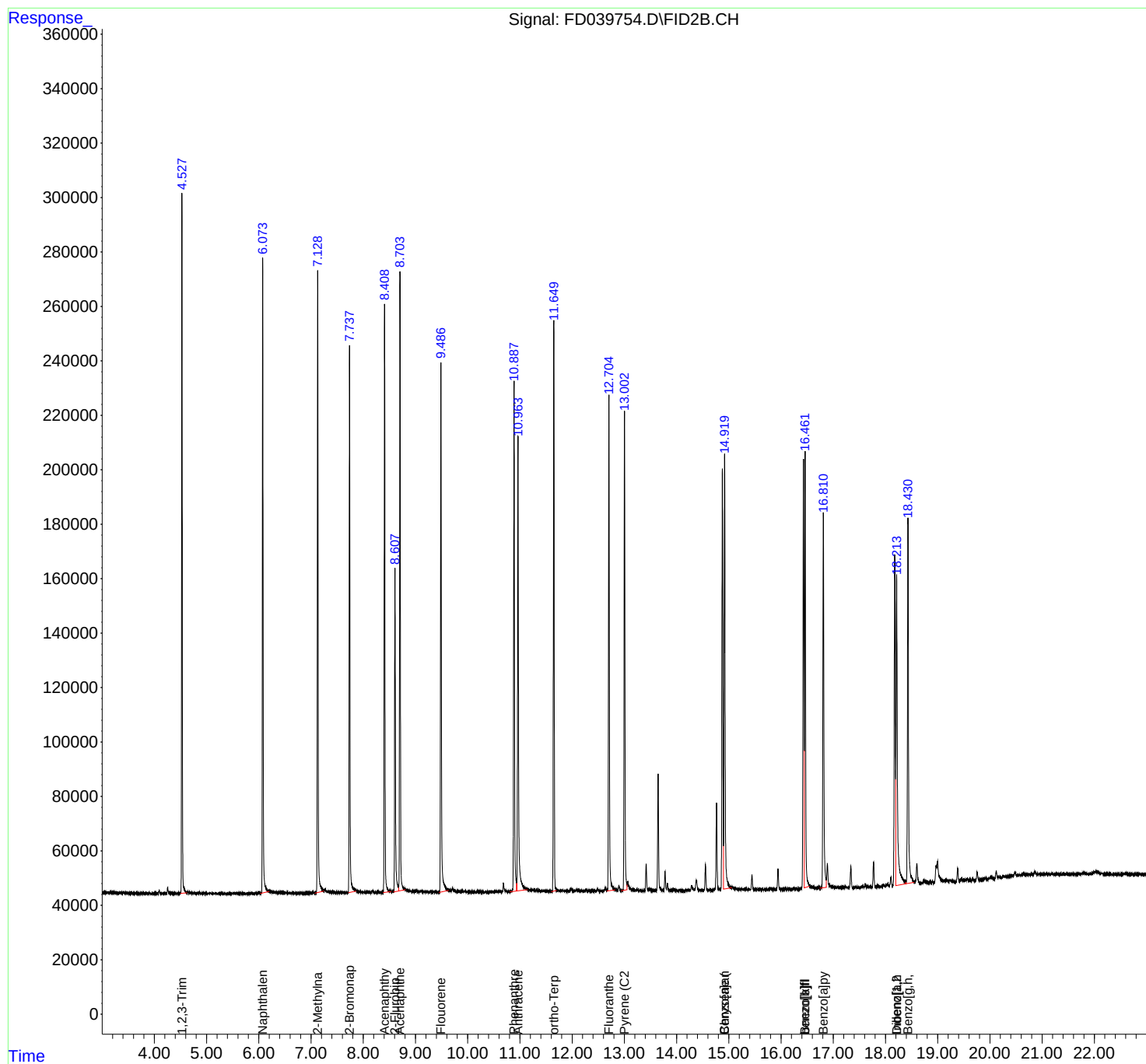
(f)=RT Delta > 1/2 Window

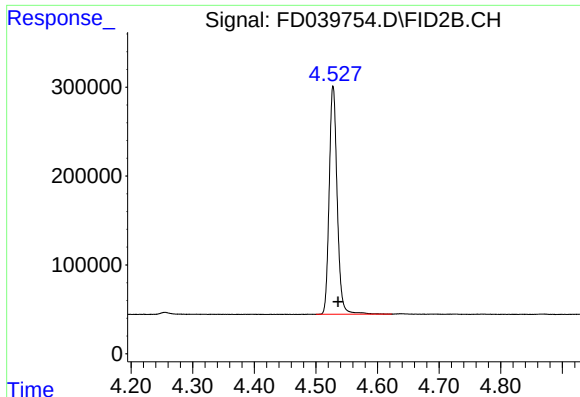
(m)=manual int.

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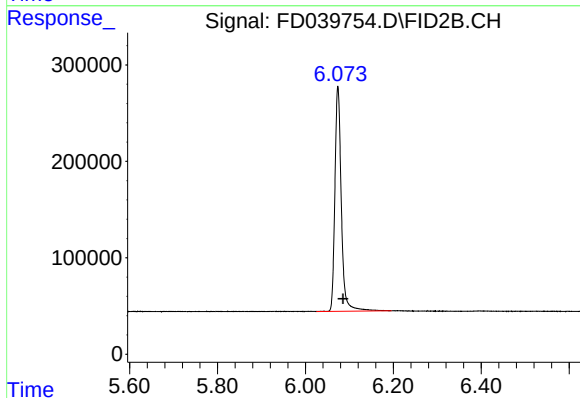
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





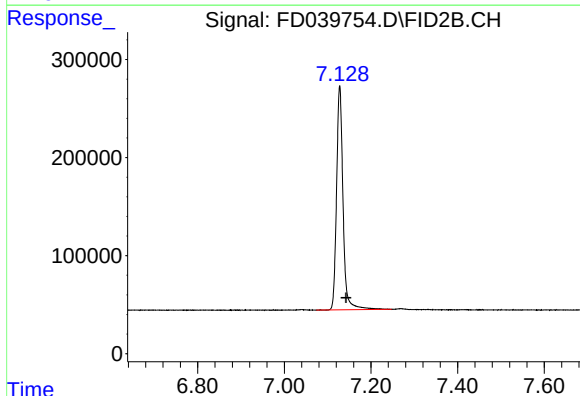
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.528 min
Delta R.T.: -0.008 min
Response: 2320037
Conc: 18.73 ug/ml



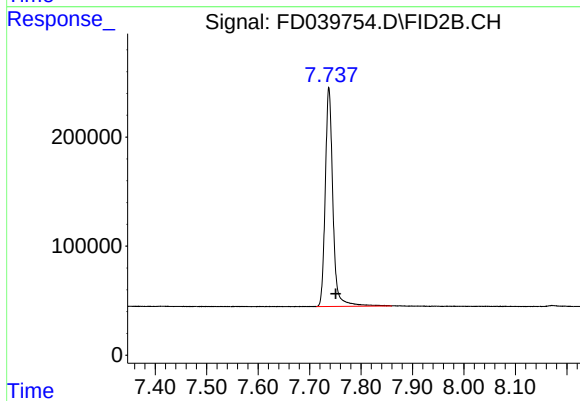
#2 Naphthalene (C11.7)

R.T.: 6.074 min
Delta R.T.: -0.012 min
Response: 2365085
Conc: 18.49 ug/ml



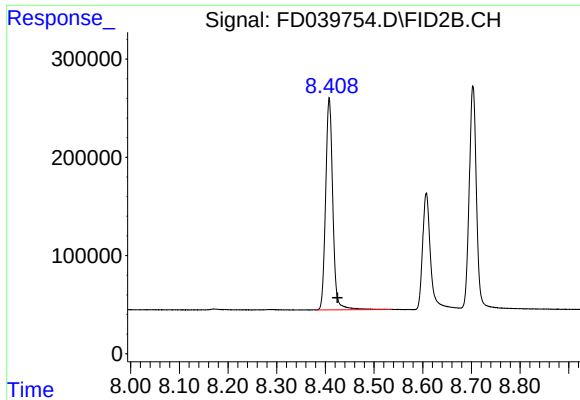
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.128 min
Delta R.T.: -0.014 min
Response: 2375548
Conc: 18.28 ug/ml



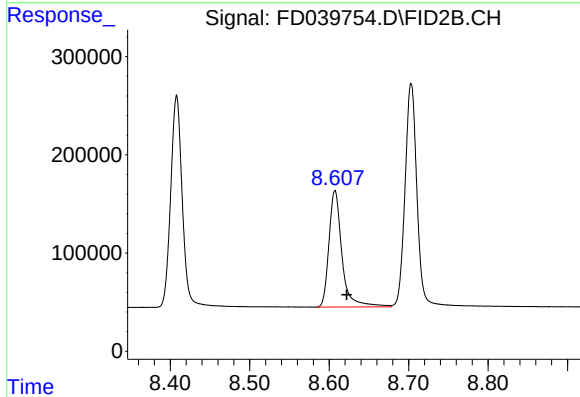
#4 2-Bromonaphthalene (SURR)

R.T.: 7.738 min
Delta R.T.: -0.013 min
Response: 2075509
Conc: 18.55 ug/ml



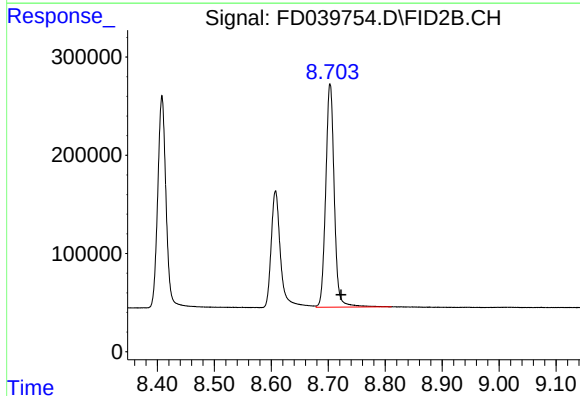
#5 Acenaphthylene (C15.06)

R.T.: 8.408 min
Delta R.T.: -0.016 min
Response: 2196997
Conc: 18.30 ug/ml



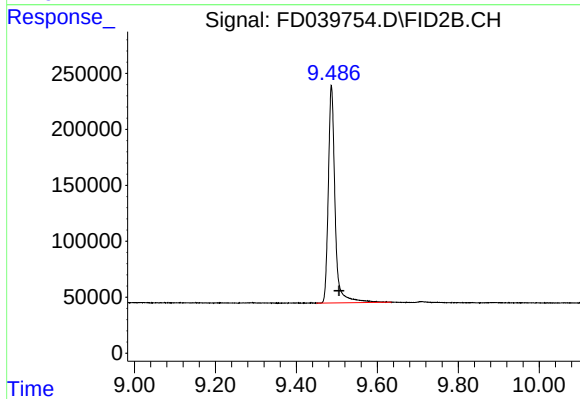
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.608 min
Delta R.T.: -0.015 min
Response: 1355226
Conc: 18.07 ug/ml



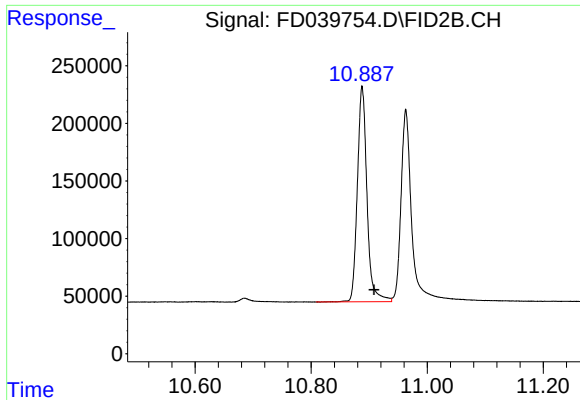
#7 Acenaphthene (C15.5)

R.T.: 8.703 min
Delta R.T.: -0.019 min
Response: 2370193
Conc: 18.61 ug/ml



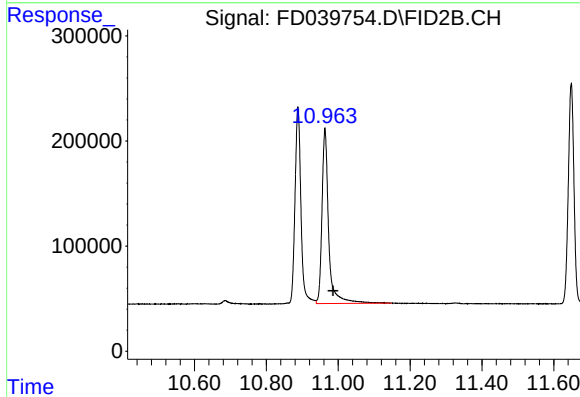
#8 Fluorene (C16.55)

R.T.: 9.487 min
Delta R.T.: -0.019 min
Response: 2258203
Conc: 18.38 ug/ml



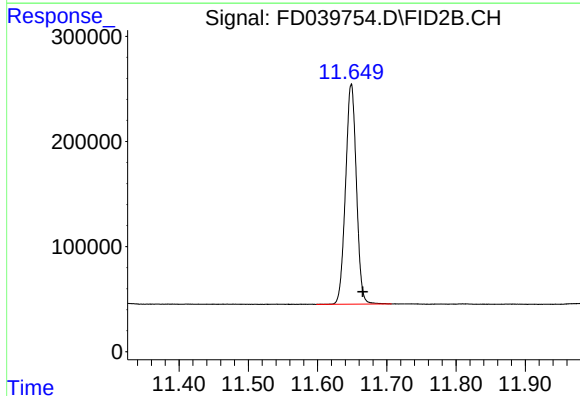
#9 Phenanthrene (C19.36)

R.T.: 10.888 min
Delta R.T.: -0.020 min
Response: 2156954
Conc: 17.98 ug/ml



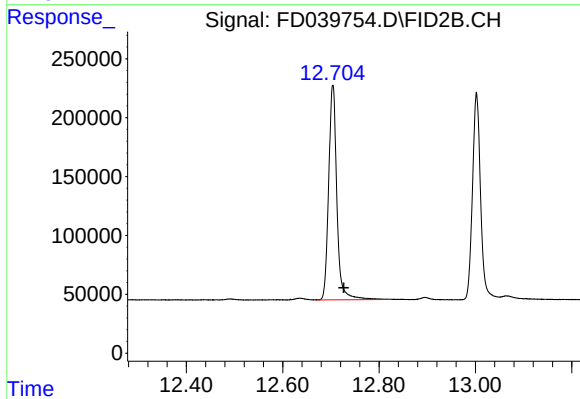
#10 Anthracene (C19.43)

R.T.: 10.963 min
Delta R.T.: -0.022 min
Response: 2163473
Conc: 18.06 ug/ml



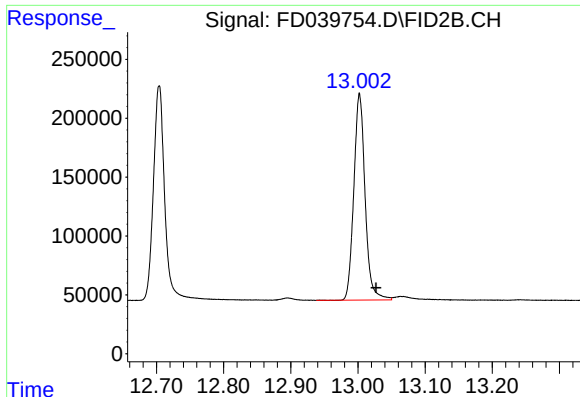
#11 ortho-Terphenyl (SURR)

R.T.: 11.649 min
Delta R.T.: -0.017 min
Response: 2281672
Conc: 18.45 ug/ml



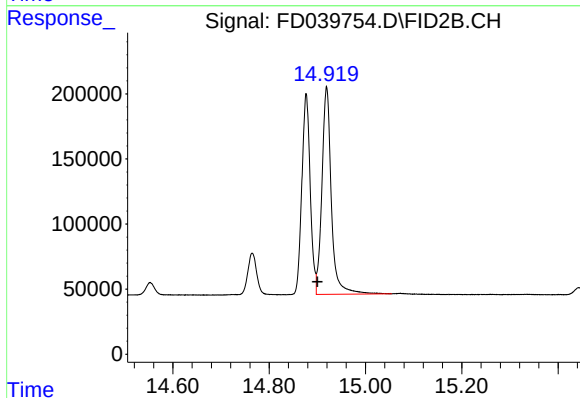
#12 Fluoranthene (C21.85)

R.T.: 12.704 min
Delta R.T.: -0.023 min
Response: 2137006
Conc: 17.93 ug/ml



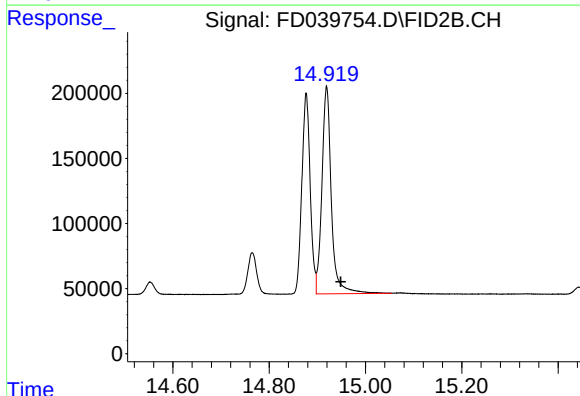
#13 Pyrene (C20.8)

R.T.: 13.002 min
Delta R.T.: -0.024 min
Response: 2049306
Conc: 18.02 ug/ml



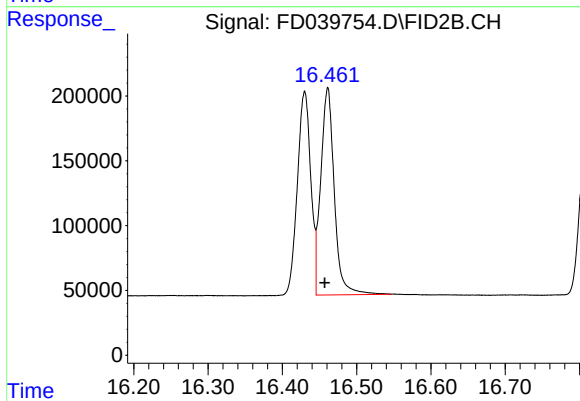
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.919 min
Delta R.T.: 0.019 min
Response: 2175290
Conc: 22.25 ug/ml



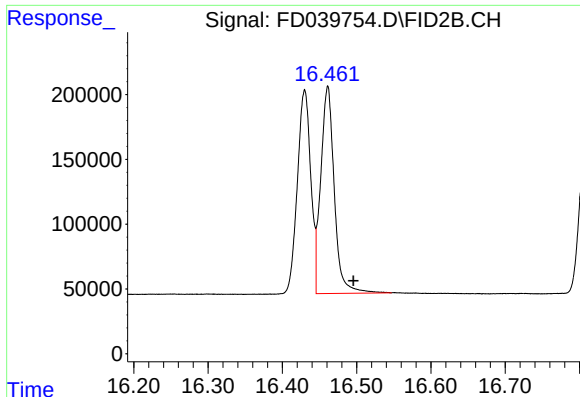
#15 Chrysene (C27.41)

R.T.: 14.919 min
Delta R.T.: -0.029 min
Response: 2175290
Conc: 19.11 ug/ml



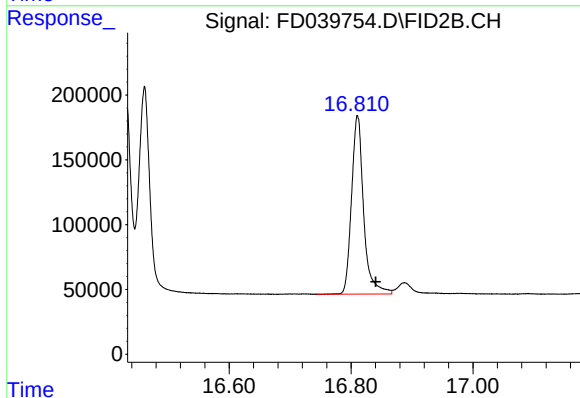
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.461 min
Delta R.T.: 0.004 min
Response: 2026936
Conc: 20.60 ug/ml



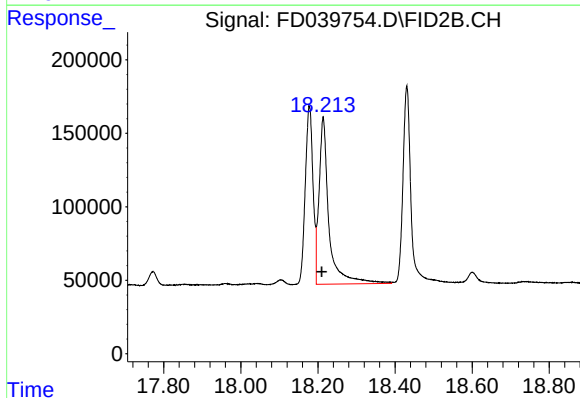
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.461 min
Delta R.T.: -0.034 min
Response: 2026936
Conc: 19.15 ug/ml



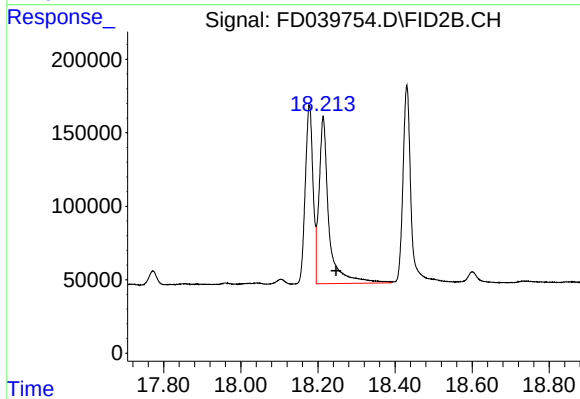
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.810 min
Delta R.T.: -0.030 min
Response: 1895256
Conc: 19.66 ug/ml



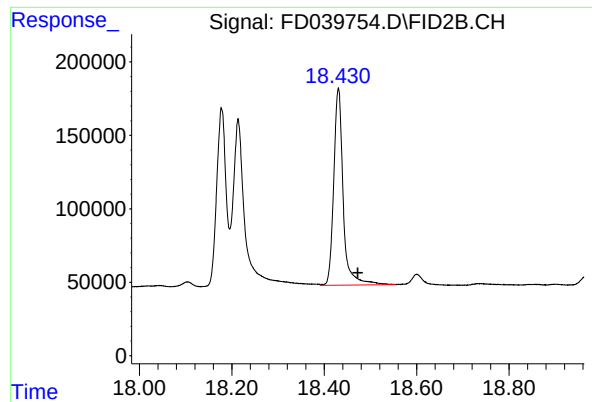
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.214 min
Delta R.T.: 0.003 min
Response: 2034896
Conc: 21.83 ug/ml



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

R.T.: 18.214 min
Delta R.T.: -0.034 min
Response: 2034896
Conc: 19.87 ug/ml



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

R.T.: 18.431 min
Delta R.T.: -0.042 min
Response: 1906281
Conc: 19.29 ug/ml