

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120821AR\
 Data File : FD039765.D
 Signal(s) : FID2B.CH
 Acq On : 08 Dec 2021 17:27
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 09 00:42:56 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	2425379	21.678 ug/ml
Spiked Amount 50.000		Recovery =	43.36%
6) S 2-Fluorobiphenyl (SURR)	8.608	1550078	20.669 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.34%
11) S ortho-Terphenyl (SURR)	11.651	2679205	21.663 ug/ml
Spiked Amount 50.000		Recovery =	43.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.528	2761552	22.296 ug/ml
2) T Naphthalene (C11.7)	6.075	2778629	21.728 ug/ml
3) T 2-Methylnaphthalene (...)	7.129	2809096	21.621 ug/ml
5) T Acenaphthylene (C15.06)	8.409	2551703	21.251 ug/ml
7) T Acenaphthene (C15.5)	8.704	2802530	22.006 ug/ml
8) T Fluorene (C16.55)	9.488	2589942	21.084 ug/ml
9) T Phenanthrene (C19.36)	10.890	2422394	20.196 ug/ml
10) T Anthracene (C19.43)	10.965	2376857	19.844 ug/ml
12) T Fluoranthene (C21.85)	12.707	2429022	20.376 ug/ml
13) T Pyrene (C20.8)	13.006	2333908	20.527 ug/ml
14) T Benzo[a]anthracene (C...	14.880	2000012	20.462 ug/ml
15) T Chrysene (C27.41)	14.922	2462066	21.626 ug/ml
16) T benzo[b]fluoranthene ...	16.465	2348586	23.873 ug/ml
17) T Bnezo[k]fluoranthene ...	16.465	2348586	22.194 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.816	1927174	19.996 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.190	673417	7.224 ug/ml
20) T Dibenz[a,h]anthracene...	18.234	755310	7.375 ug/ml
21) T Benzo[g,h,i]perylene ...	18.436	1294626	13.098 ug/ml

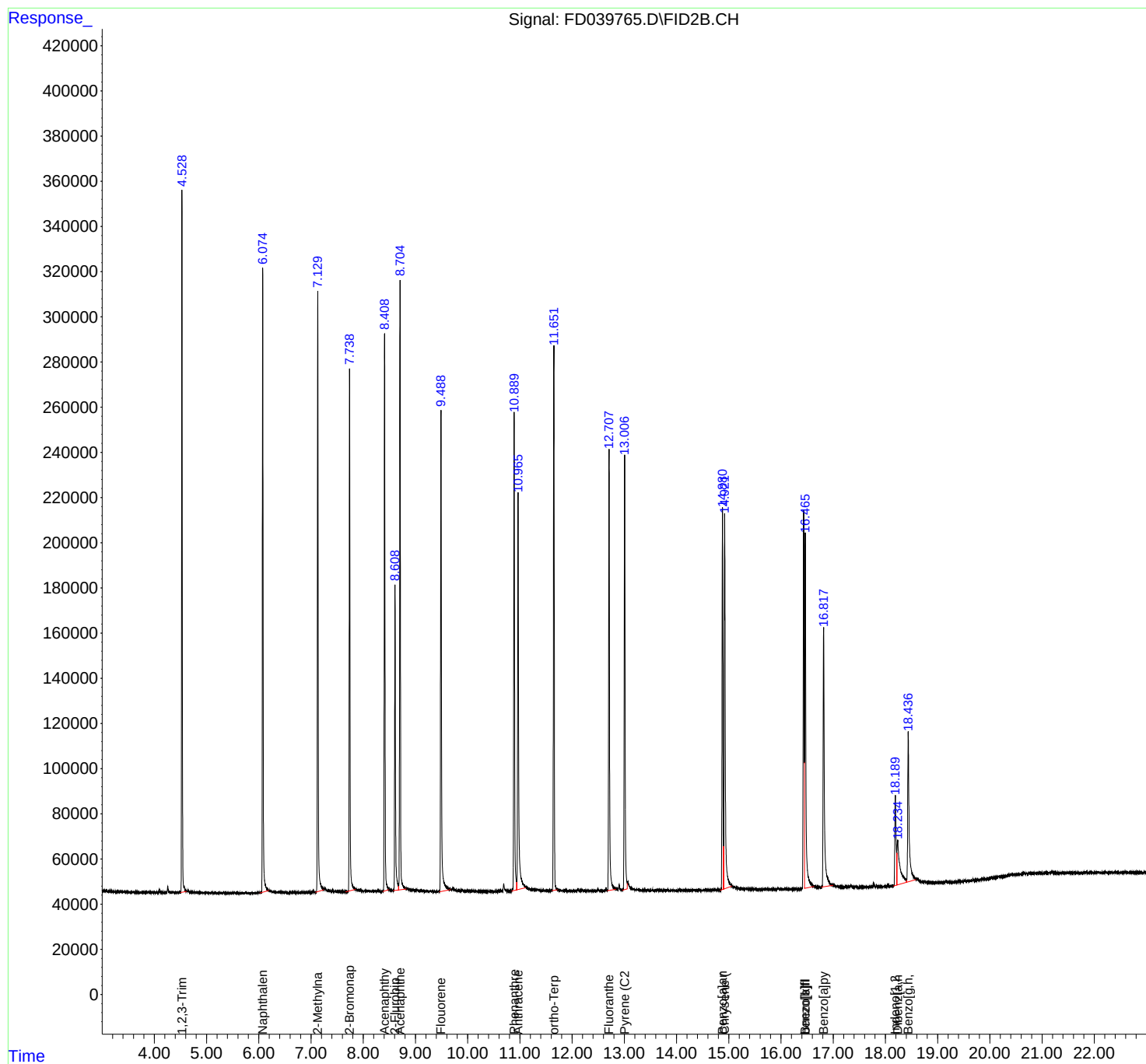
(f)=RT Delta > 1/2 Window

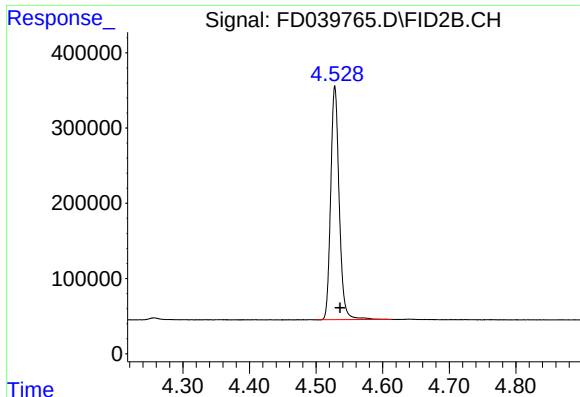
(m)=manual int.

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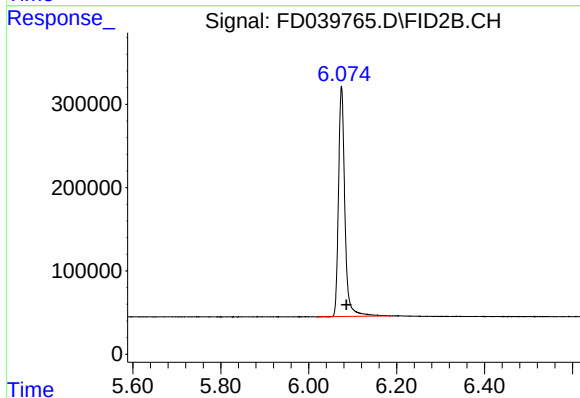
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Signal Info : 20M x 0.18mm x 0.18µm





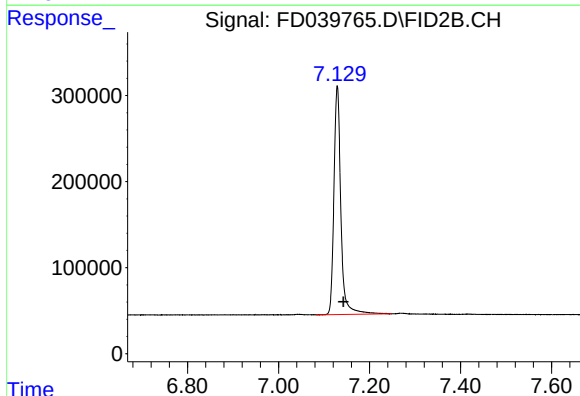
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.528 min
Delta R.T.: -0.008 min
Response: 2761552
Conc: 22.30 ug/ml



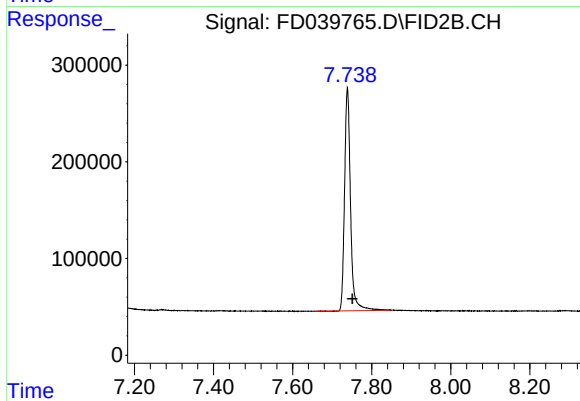
#2 Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: -0.011 min
Response: 2778629
Conc: 21.73 ug/ml



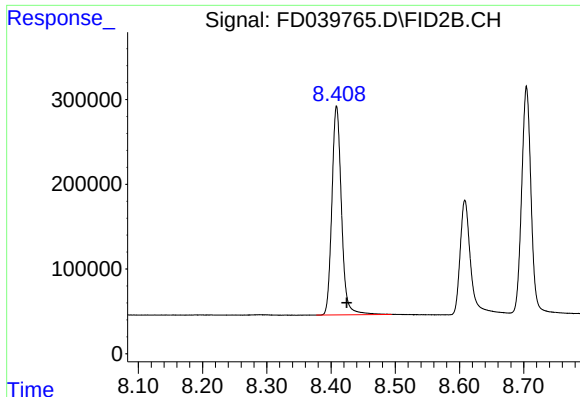
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.129 min
Delta R.T.: -0.013 min
Response: 2809096
Conc: 21.62 ug/ml



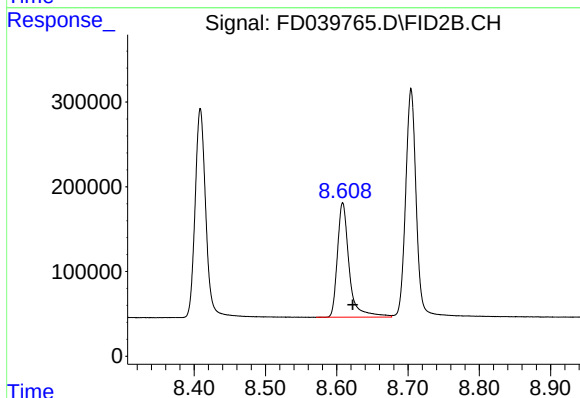
#4 2-Bromonaphthalene (SURR)

R.T.: 7.739 min
Delta R.T.: -0.012 min
Response: 2425379
Conc: 21.68 ug/ml



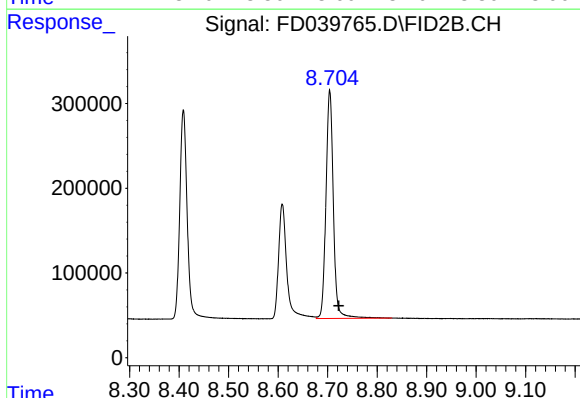
#5 Acenaphthylene (C15.06)

R.T.: 8.409 min
Delta R.T.: -0.016 min
Response: 2551703
Conc: 21.25 ug/ml



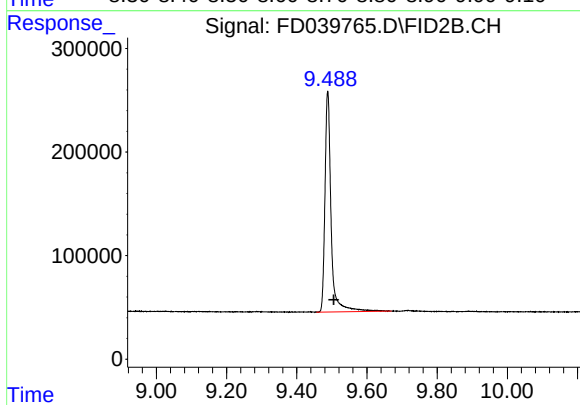
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.608 min
Delta R.T.: -0.014 min
Response: 1550078
Conc: 20.67 ug/ml



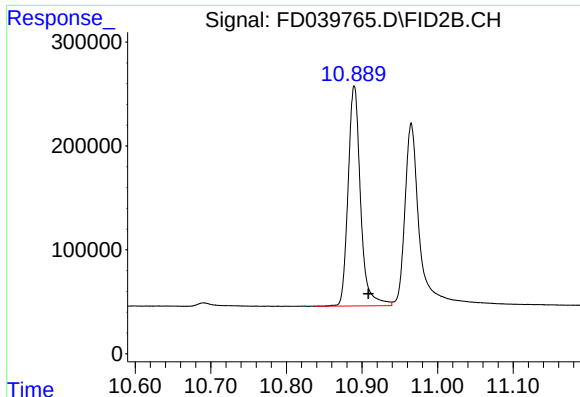
#7 Acenaphthene (C15.5)

R.T.: 8.704 min
Delta R.T.: -0.018 min
Response: 2802530
Conc: 22.01 ug/ml



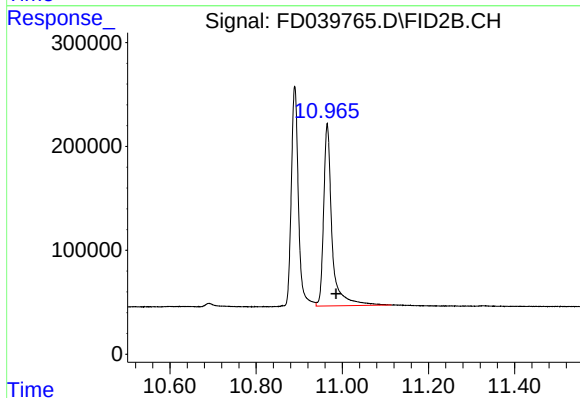
#8 Flouorene (C16.55)

R.T.: 9.488 min
Delta R.T.: -0.017 min
Response: 2589942
Conc: 21.08 ug/ml



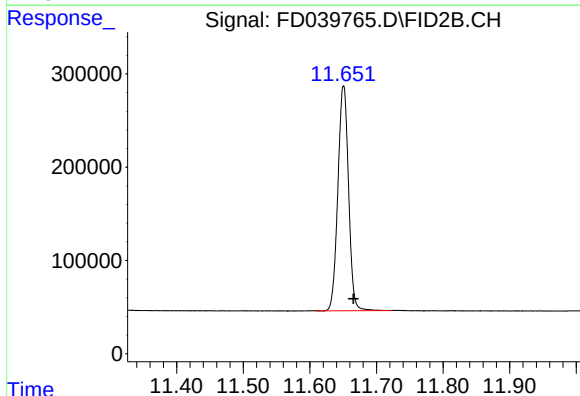
#9 Phenanthrene (C19.36)

R.T.: 10.890 min
Delta R.T.: -0.018 min
Response: 2422394
Conc: 20.20 ug/ml



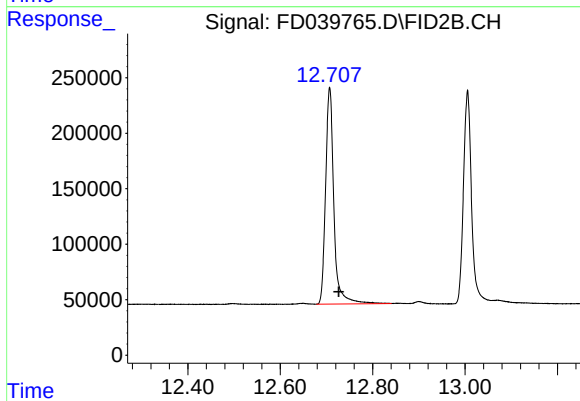
#10 Anthracene (C19.43)

R.T.: 10.965 min
Delta R.T.: -0.020 min
Response: 2376857
Conc: 19.84 ug/ml



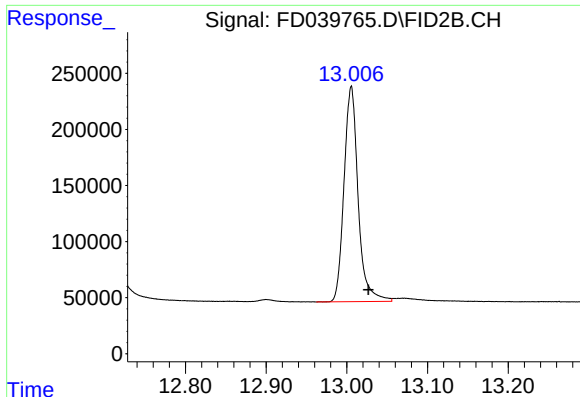
#11 ortho-Terphenyl (SURR)

R.T.: 11.651 min
Delta R.T.: -0.015 min
Response: 2679205
Conc: 21.66 ug/ml



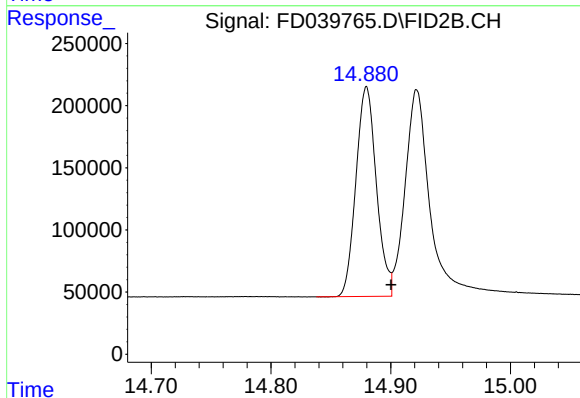
#12 Fluoranthene (C21.85)

R.T.: 12.707 min
Delta R.T.: -0.020 min
Response: 2429022
Conc: 20.38 ug/ml



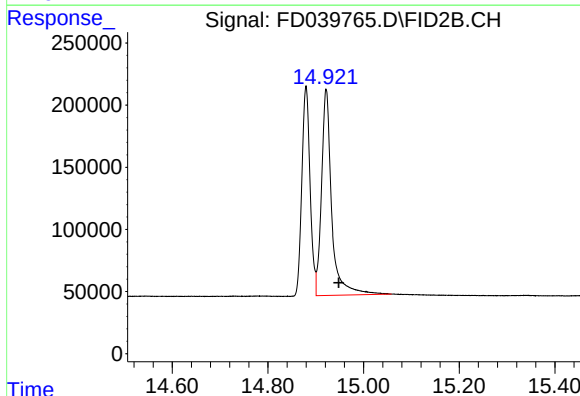
#13 Pyrene (C20.8)

R.T.: 13.006 min
Delta R.T.: -0.021 min
Response: 2333908
Conc: 20.53 ug/ml



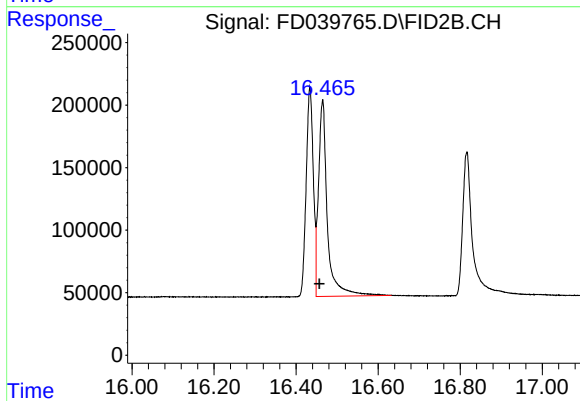
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.880 min
Delta R.T.: -0.020 min
Response: 2000012
Conc: 20.46 ug/ml



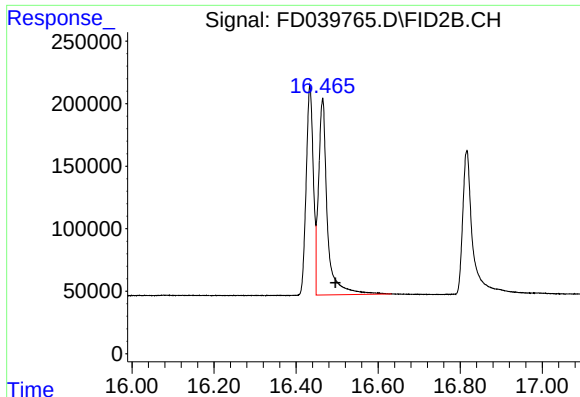
#15 Chrysene (C27.41)

R.T.: 14.922 min
Delta R.T.: -0.027 min
Response: 2462066
Conc: 21.63 ug/ml



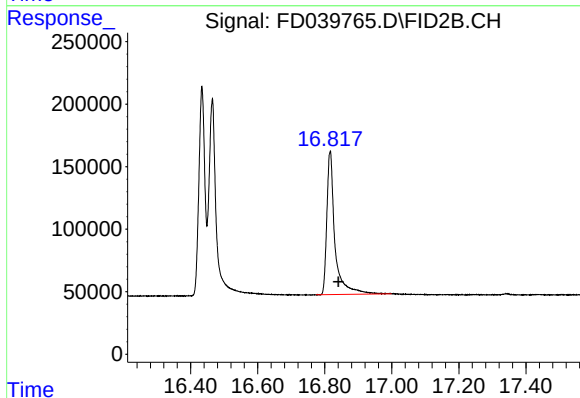
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.465 min
Delta R.T.: 0.008 min
Response: 2348586
Conc: 23.87 ug/ml



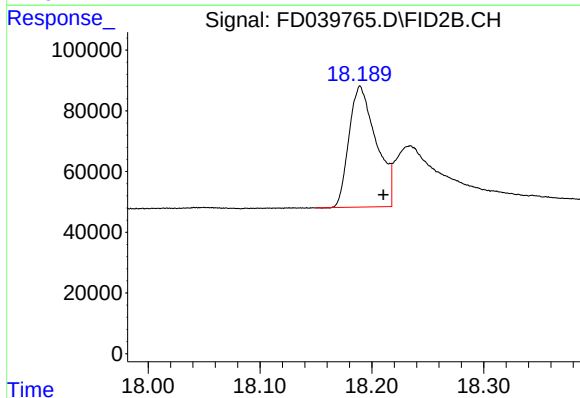
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.465 min
Delta R.T.: -0.031 min
Response: 2348586
Conc: 22.19 ug/ml



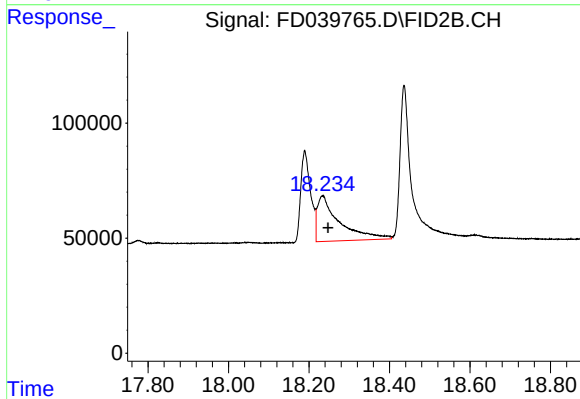
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.816 min
Delta R.T.: -0.024 min
Response: 1927174
Conc: 20.00 ug/ml



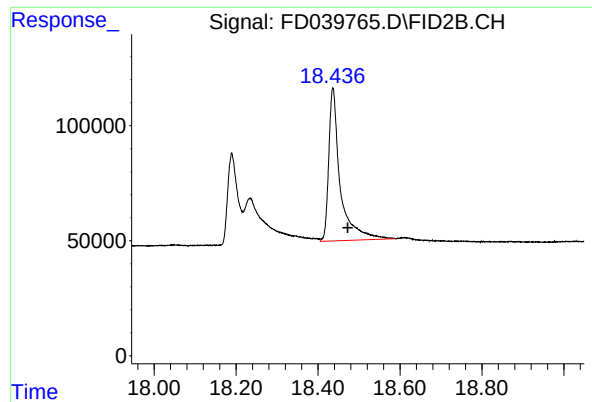
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.190 min
Delta R.T.: -0.021 min
Response: 673417
Conc: 7.22 ug/ml



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

R.T.: 18.234 min
Delta R.T.: -0.013 min
Response: 755310
Conc: 7.37 ug/ml



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

R.T.: 18.436 min
Delta R.T.: -0.036 min
Response: 1294626
Conc: 13.10 ug/ml