

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041322AR\
 Data File : FD041963.D
 Signal(s) : FID2B.CH
 Acq On : 13 Apr 2022 20:01
 Operator : UA/NP
 Sample : PB144097BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 14 02:35:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 29 12:14:13 2022
 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...	7.340	6901666	43.031 ug/ml
Spiked Amount 50.000		Recovery =	86.06%
6) S 2-Fluorobiphenyl (SURR)	8.188	3507276	35.493 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	70.99%
11) S ortho-Terphenyl (SURR)	11.219	7806721	40.159 ug/ml
Spiked Amount 50.000		Recovery =	80.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.161	4547772	25.964 ug/ml
2) T Naphthalene (C11.7)	5.682	5489364	31.112 ug/ml
3) T 2-Methylnaphthalene (...)	6.728	5619025	35.121 ug/ml
5) T Acenaphthylene (C15.06)	7.990	6043592	32.658 ug/ml
7) T Acenaphthene (C15.5)	8.285	6551851	34.129 ug/ml
8) T Flouorene (C16.55)	9.063	6868448	38.932 ug/ml
9) T Phenanthrene (C19.36)	10.449	7149461	40.988 ug/ml
10) T Anthracene (C19.43)	10.525	7416477	40.747 ug/ml
12) T Fluoranthene (C21.85)	12.253	7279647	41.236 ug/ml
13) T Pyrene (C20.8)	12.546	6843987	40.481 ug/ml
14) T Benzo[a]anthracene (C...	14.418	6759452	45.205 ug/ml
15) T Chrysene (C27.41)	14.459	6703236	37.241 ug/ml
16) T benzo[b]fluoranthene ...	15.966	6758066	45.573 ug/ml
17) T Bnezo[k]fluoranthene ...	16.000	7377928	44.650 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.341	5719380	40.662 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.711	6409937	58.197 ug/ml
20) T Dibenz[a,h]anthracene...	17.748	7126056	49.222 ug/ml
21) T Benzo[g,h,i]perylene ...	17.964	7020312	52.897 ug/ml

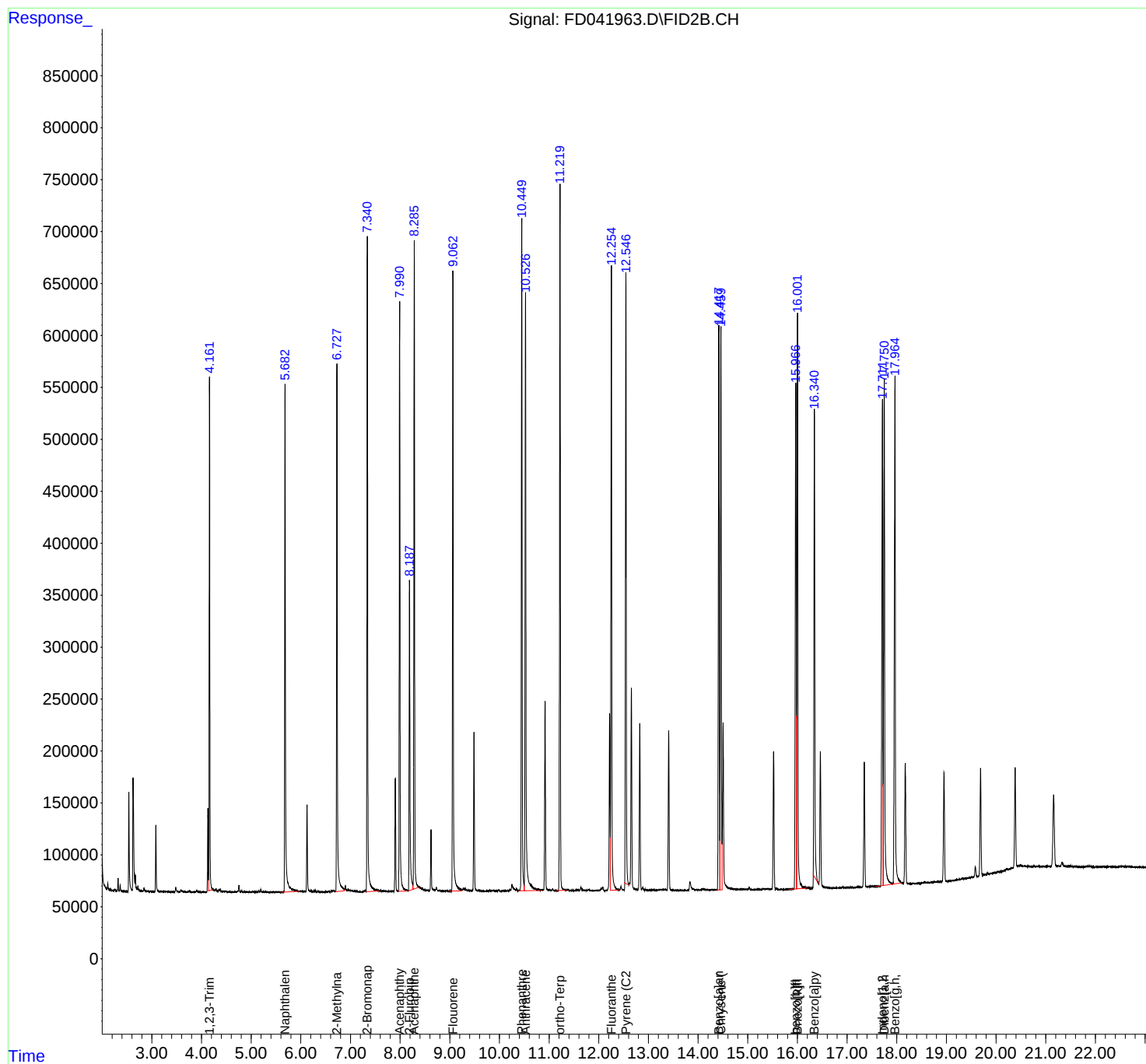
(f)=RT Delta > 1/2 Window

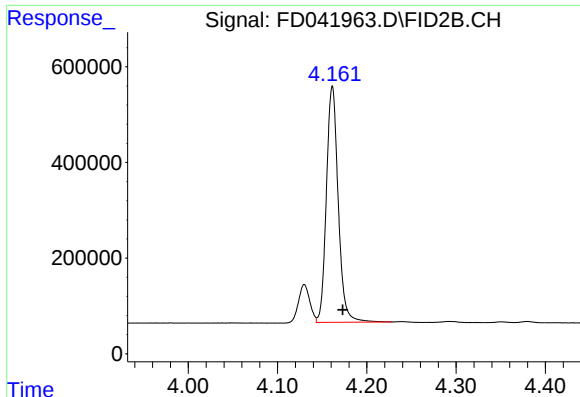
(m)=manual int.

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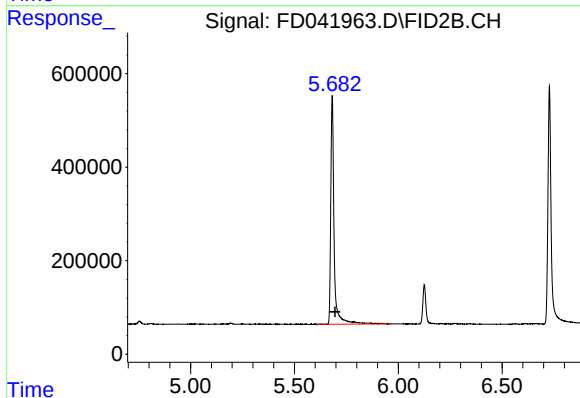
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Signal Info : 20M x 0.18mm x 0.18µm





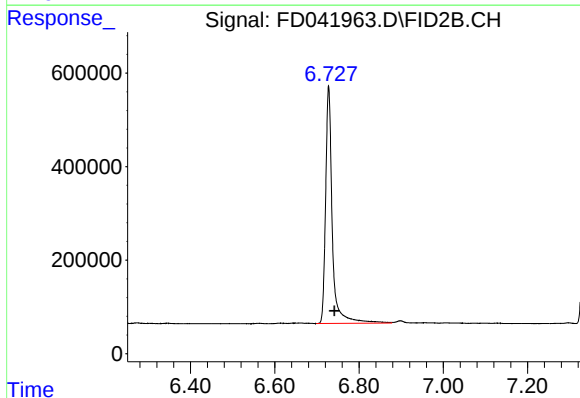
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.161 min
Delta R.T.: -0.012 min
Response: 4547772
Conc: 25.96 ug/ml



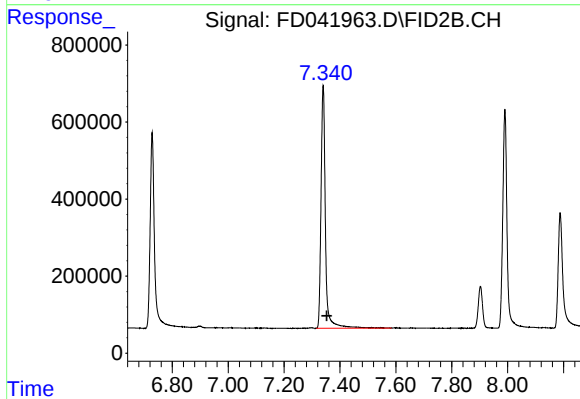
#2 Naphthalene (C11.7)

R.T.: 5.682 min
Delta R.T.: -0.014 min
Response: 5489364
Conc: 31.11 ug/ml



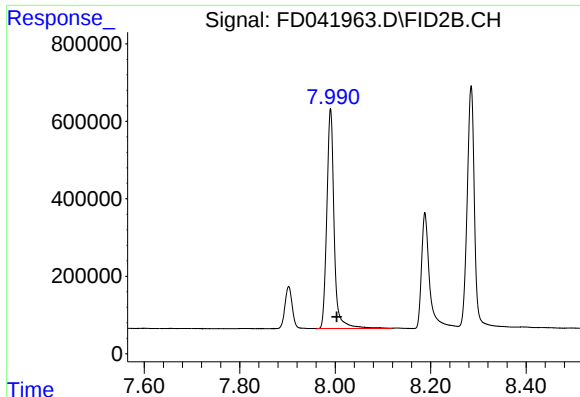
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.728 min
Delta R.T.: -0.014 min
Response: 5619025
Conc: 35.12 ug/ml



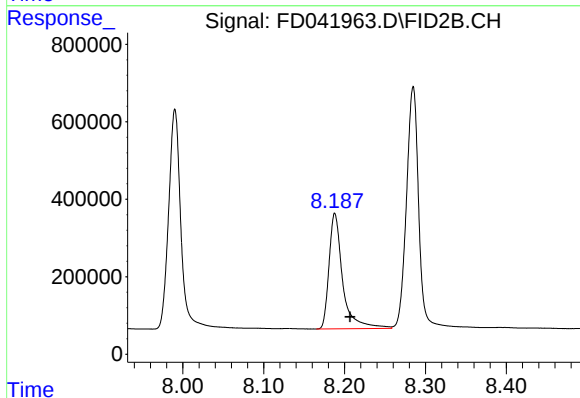
#4 2-Bromonaphthalene (SURR)

R.T.: 7.340 min
Delta R.T.: -0.013 min
Response: 6901666
Conc: 43.03 ug/ml



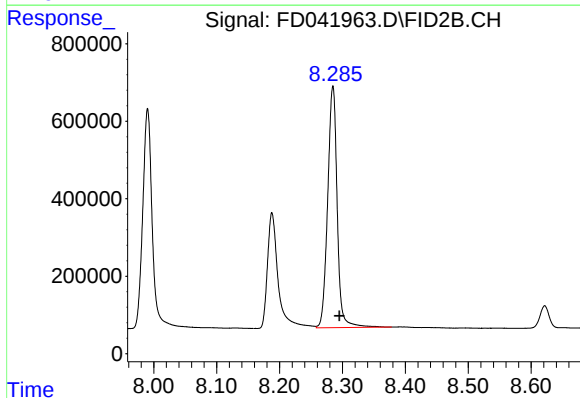
#5 Acenaphthylene (C15.06)

R.T.: 7.990 min
Delta R.T.: -0.013 min
Response: 6043592
Conc: 32.66 ug/ml



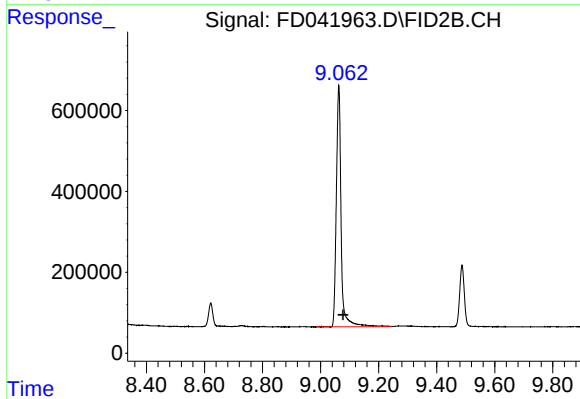
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.188 min
Delta R.T.: -0.019 min
Response: 3507276
Conc: 35.49 ug/ml



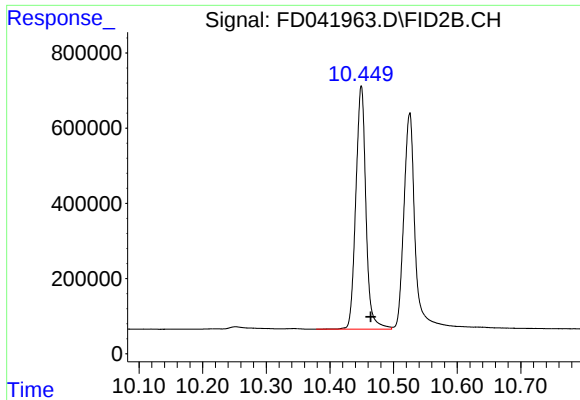
#7 Acenaphthene (C15.5)

R.T.: 8.285 min
Delta R.T.: -0.011 min
Response: 6551851
Conc: 34.13 ug/ml



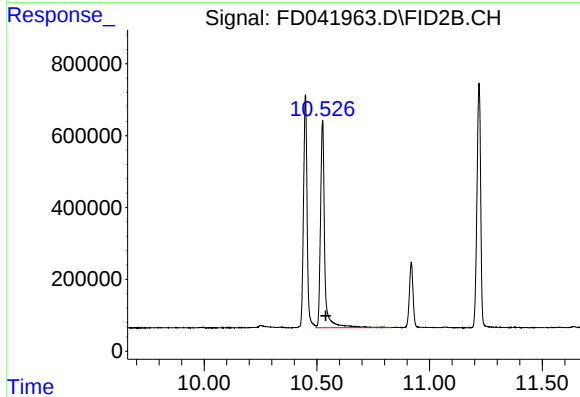
#8 Flouorene (C16.55)

R.T.: 9.063 min
Delta R.T.: -0.015 min
Response: 6868448
Conc: 38.93 ug/ml



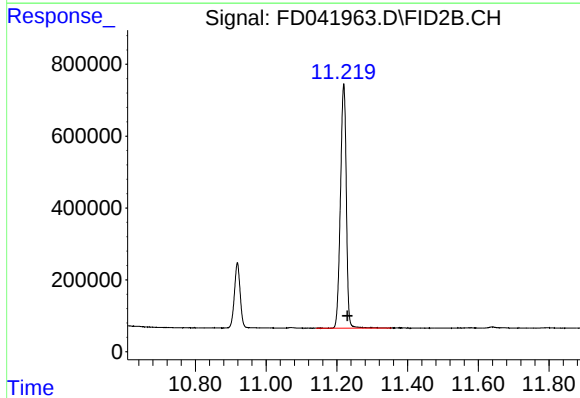
#9 Phenanthrene (C19.36)

R.T.: 10.449 min
Delta R.T.: -0.015 min
Response: 7149461
Conc: 40.99 ug/ml



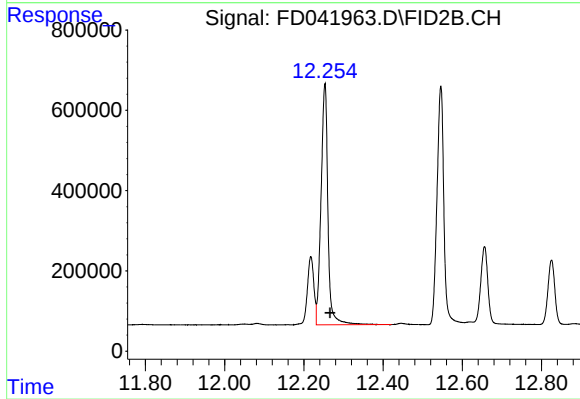
#10 Anthracene (C19.43)

R.T.: 10.525 min
Delta R.T.: -0.015 min
Response: 7416477
Conc: 40.75 ug/ml



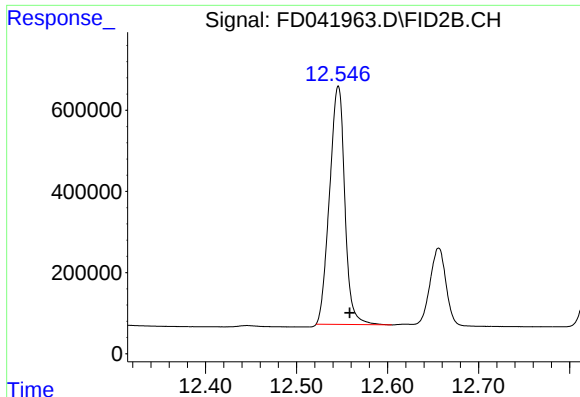
#11 ortho-Terphenyl (SURR)

R.T.: 11.219 min
Delta R.T.: -0.011 min
Response: 7806721
Conc: 40.16 ug/ml



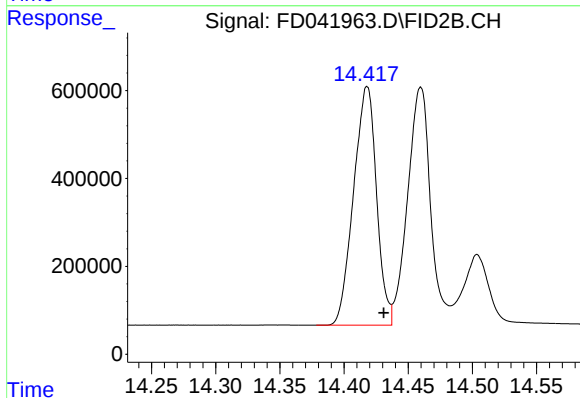
#12 Fluoranthene (C21.85)

R.T.: 12.253 min
Delta R.T.: -0.014 min
Response: 7279647
Conc: 41.24 ug/ml



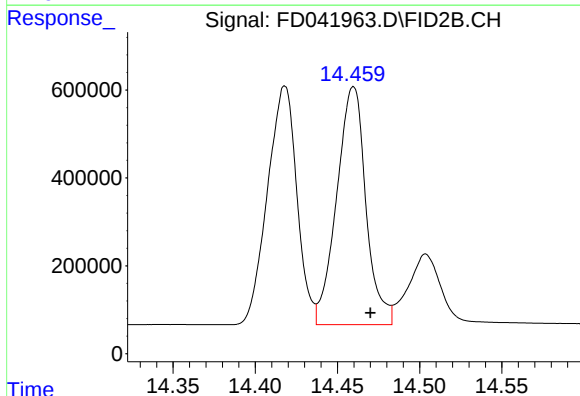
#13 Pyrene (C20.8)

R.T.: 12.546 min
Delta R.T.: -0.013 min
Response: 6843987
Conc: 40.48 ug/ml



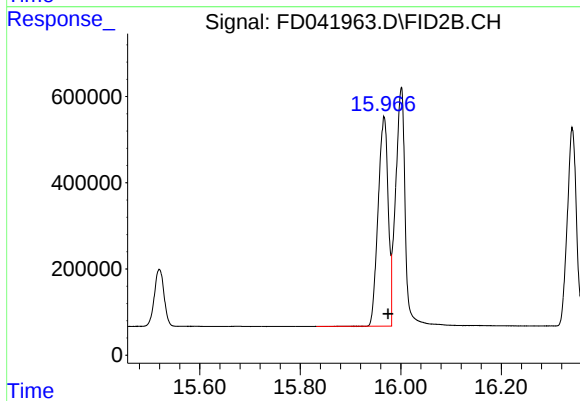
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.418 min
Delta R.T.: -0.013 min
Response: 6759452
Conc: 45.21 ug/ml



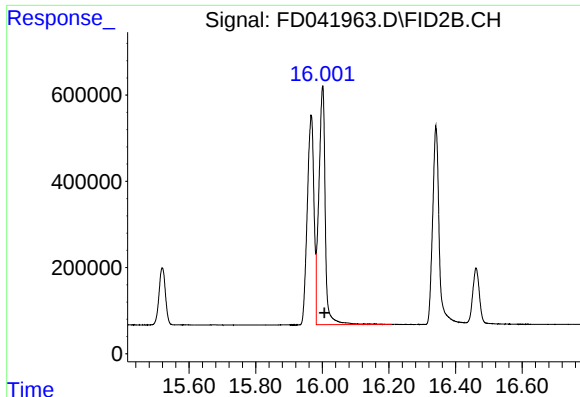
#15 Chrysene (C27.41)

R.T.: 14.459 min
Delta R.T.: -0.011 min
Response: 6703236
Conc: 37.24 ug/ml



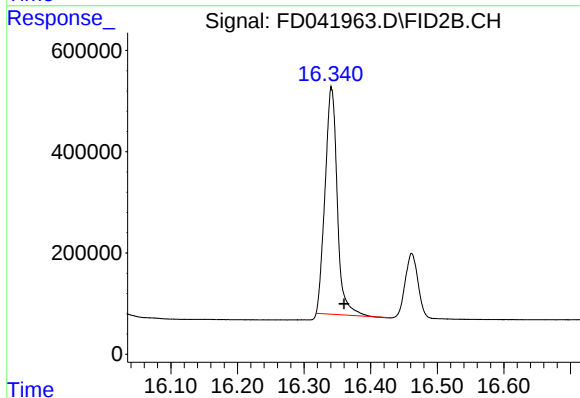
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.966 min
Delta R.T.: -0.008 min
Response: 6758066
Conc: 45.57 ug/ml



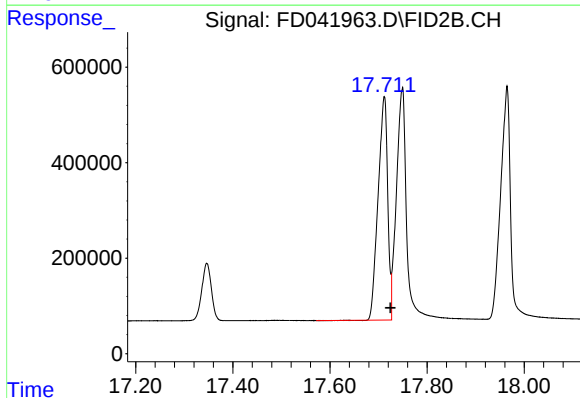
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.000 min
Delta R.T.: -0.006 min
Response: 7377928
Conc: 44.65 ug/ml



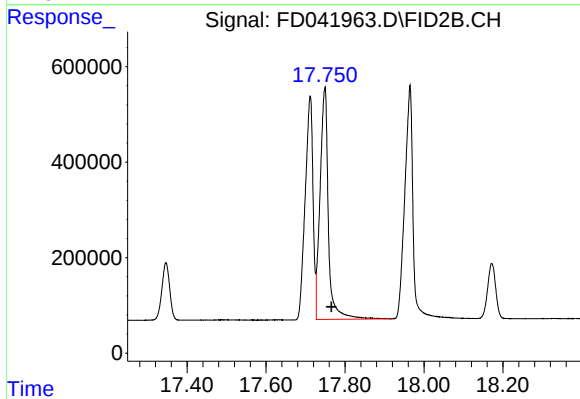
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.341 min
Delta R.T.: -0.019 min
Response: 5719380
Conc: 40.66 ug/ml



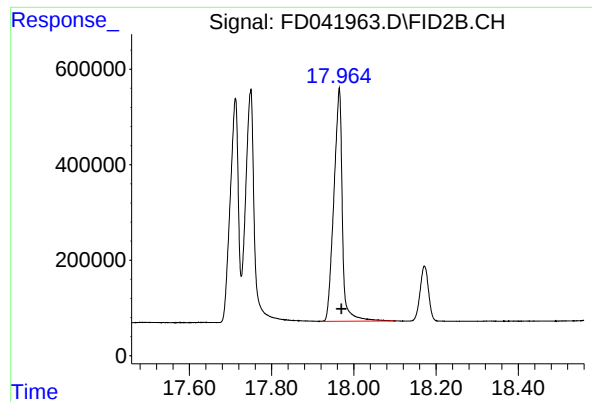
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.711 min
Delta R.T.: -0.013 min
Response: 6409937
Conc: 58.20 ug/ml



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

R.T.: 17.748 min
Delta R.T.: -0.017 min
Response: 7126056
Conc: 49.22 ug/ml



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

R.T.: 17.964 min
Delta R.T.: -0.006 min
Response: 7020312
Conc: 52.90 ug/ml