

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040422AR\
 Data File : FD041844.D
 Signal(s) : FID2B.CH
 Acq On : 04 Apr 2022 14:27
 Operator : UA/NP
 Sample : PB143310BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 05 02:23:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:10:31 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...	7.345	6769998	41.900 ug/ml
Spiked Amount 50.000		Recovery =	83.80%
6) S 2-Fluorobiphenyl (SURR)	8.195	2913829	27.992 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	55.98%
11) S ortho-Terphenyl (SURR)	11.225	6543108	37.303 ug/ml
Spiked Amount 50.000		Recovery =	74.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.166	3230275	18.431 ug/ml
2) T Naphthalene (C11.7)	5.687	5047702	27.676 ug/ml
3) T 2-Methylnaphthalene (...)	6.733	5886972	32.526 ug/ml
5) T Acenaphthylene (C15.06)	7.996	6467037	36.175 ug/ml
7) T Acenaphthene (C15.5)	8.290	7102711	37.158 ug/ml
8) T Fluorene (C16.55)	9.068	6624545	38.686 ug/ml
9) T Phenanthrene (C19.36)	10.456	7016798	42.710 ug/ml
10) T Anthracene (C19.43)	10.531	6930274	43.335 ug/ml
12) T Fluoranthene (C21.85)	12.258	6874838	40.918 ug/mlm
13) T Pyrene (C20.8)	12.551	6734495	40.169 ug/ml
14) T Benzo[a]anthracene (C...	14.422	6041880	41.634 ug/ml
15) T Chrysene (C27.41)	14.463	5974369	36.280 ug/ml
16) T benzo[b]fluoranthene ...	15.970	6250657	45.798 ug/ml
17) T Bnezo[k]fluoranthene ...	16.003	6558507	44.444 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.346	5951180	45.259 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.712	5569198	44.427 ug/ml
20) T Dibenz[a,h]anthracene...	17.751	6262320	44.302 ug/ml
21) T Benzo[g,h,i]perylene ...	17.967	6158587	47.566 ug/mlm

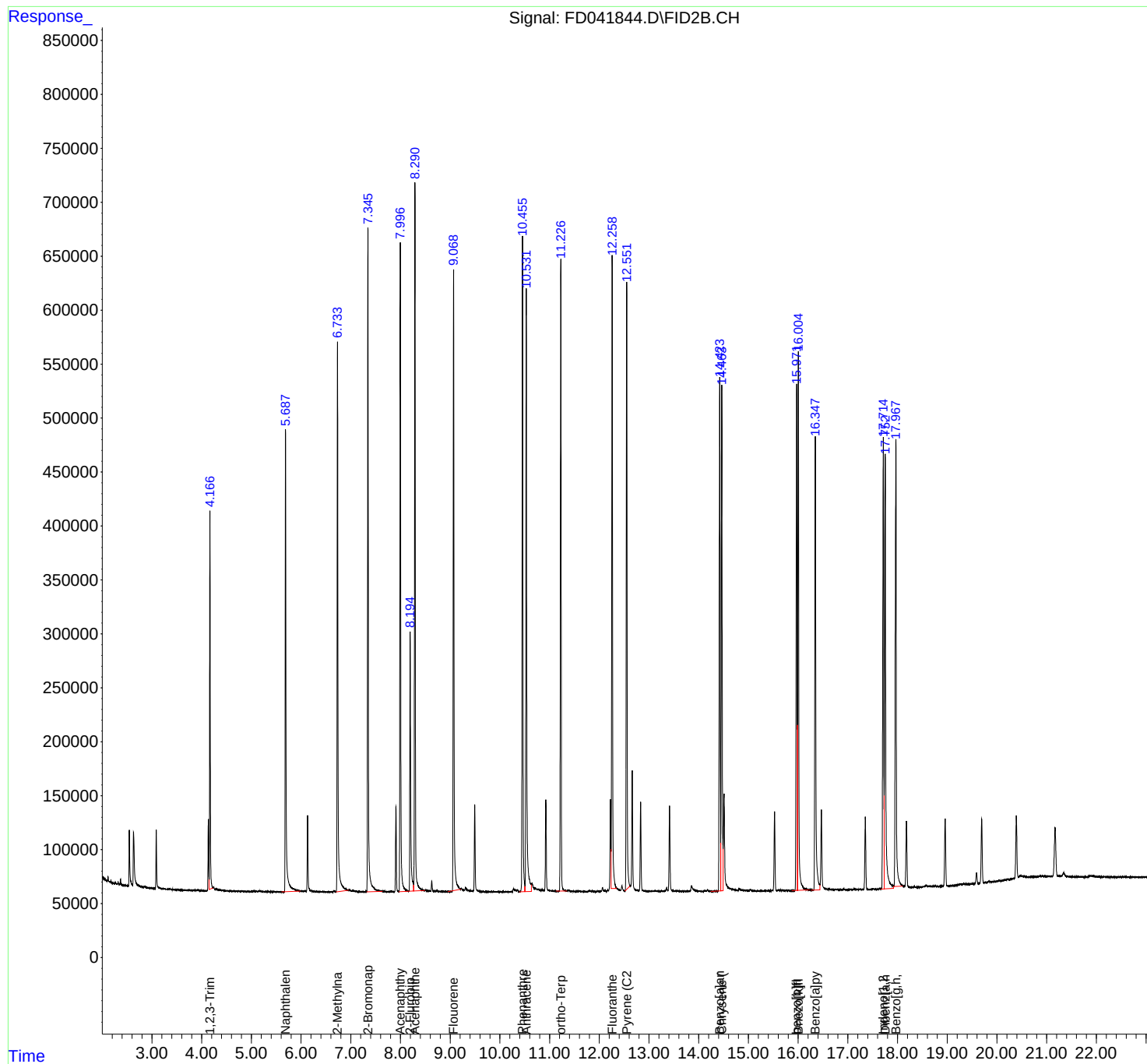
(f)=RT Delta > 1/2 Window

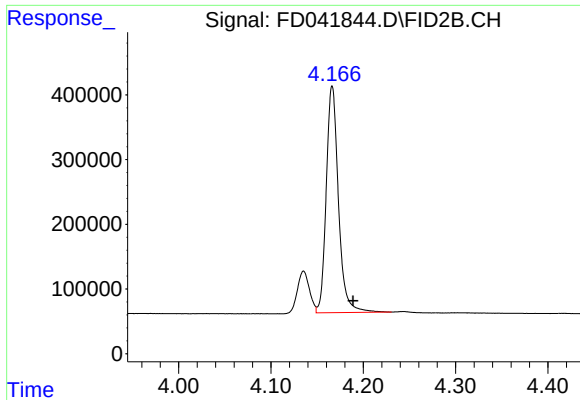
(m)=manual int.

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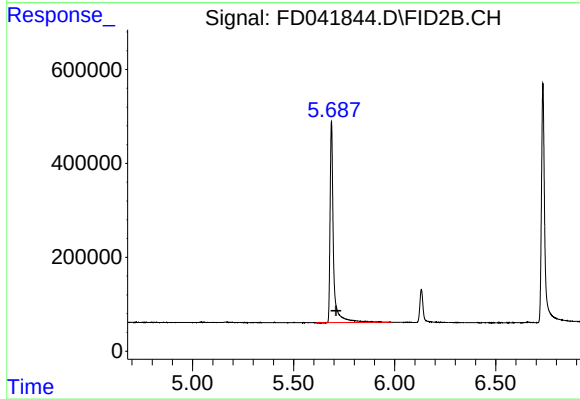
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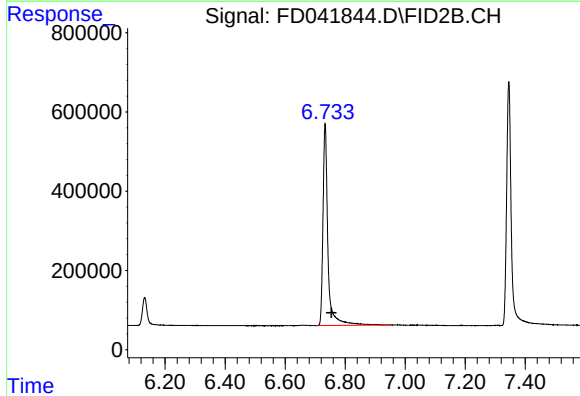
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.166 min
Delta R.T.: -0.023 min
Response: 3230275
Conc: 18.43 ug/ml



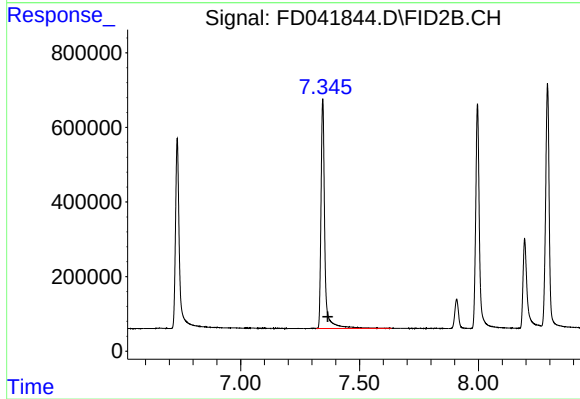
#2 Naphthalene (C11.7)

R.T.: 5.687 min
Delta R.T.: -0.022 min
Response: 5047702
Conc: 27.68 ug/ml



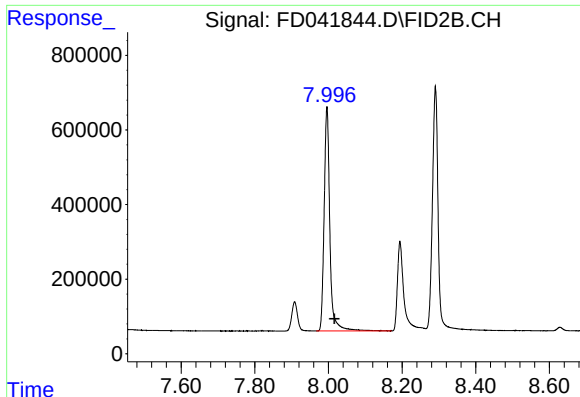
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.733 min
Delta R.T.: -0.021 min
Response: 5886972
Conc: 32.53 ug/ml



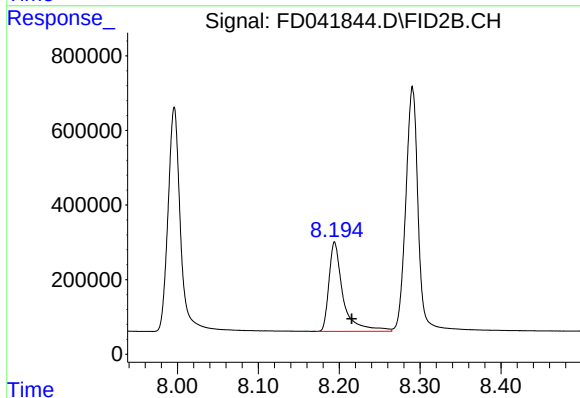
#4 2-Bromonaphthalene (SURR)

R.T.: 7.345 min
Delta R.T.: -0.021 min
Response: 6769998
Conc: 41.90 ug/ml



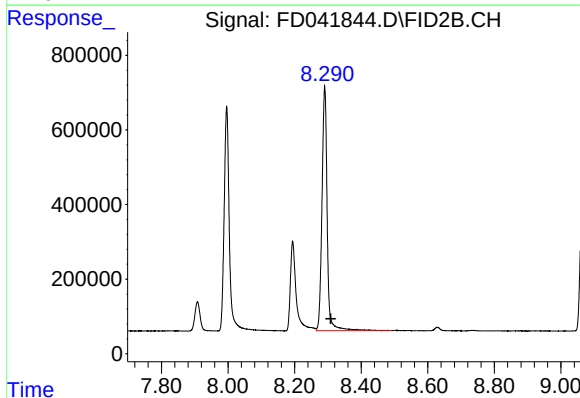
#5 Acenaphthylene (C15.06)

R.T.: 7.996 min
Delta R.T.: -0.020 min
Response: 6467037
Conc: 36.18 ug/ml



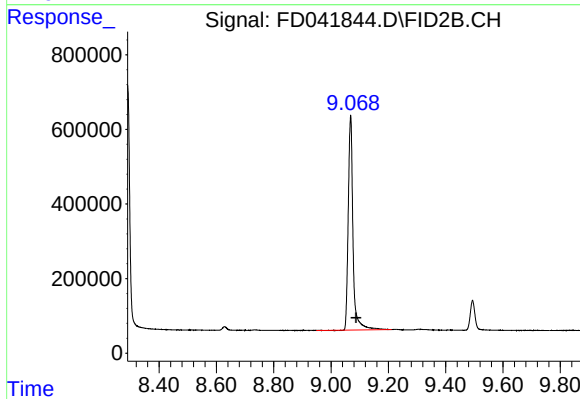
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.195 min
Delta R.T.: -0.021 min
Response: 2913829
Conc: 27.99 ug/ml



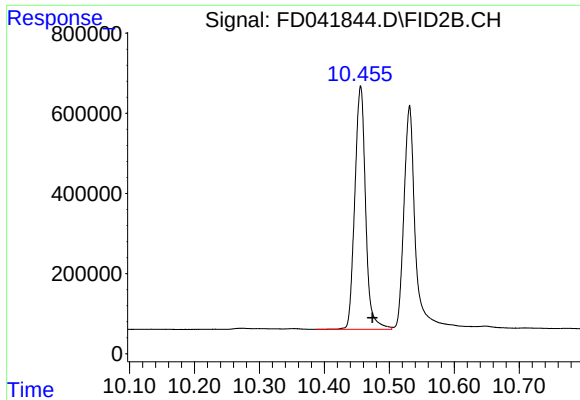
#7 Acenaphthene (C15.5)

R.T.: 8.290 min
Delta R.T.: -0.018 min
Response: 7102711
Conc: 37.16 ug/ml



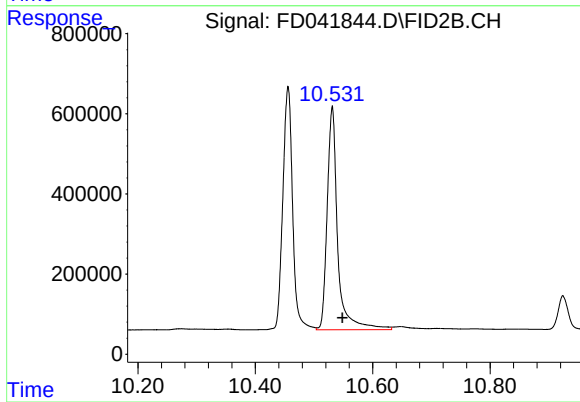
#8 Fluorene (C16.55)

R.T.: 9.068 min
Delta R.T.: -0.019 min
Response: 6624545
Conc: 38.69 ug/ml



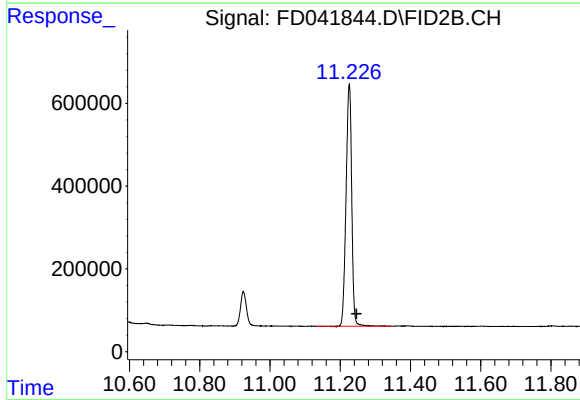
#9 Phenanthrene (C19.36)

R.T.: 10.456 min
Delta R.T.: -0.018 min
Response: 7016798
Conc: 42.71 ug/ml



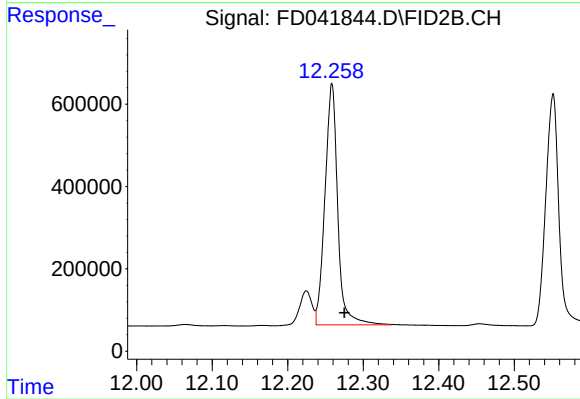
#10 Anthracene (C19.43)

R.T.: 10.531 min
Delta R.T.: -0.018 min
Response: 6930274
Conc: 43.34 ug/ml



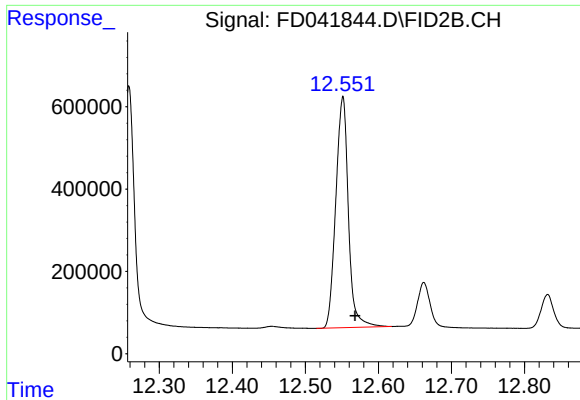
#11 ortho-Terphenyl (SURR)

R.T.: 11.225 min
Delta R.T.: -0.021 min
Response: 6543108
Conc: 37.30 ug/ml



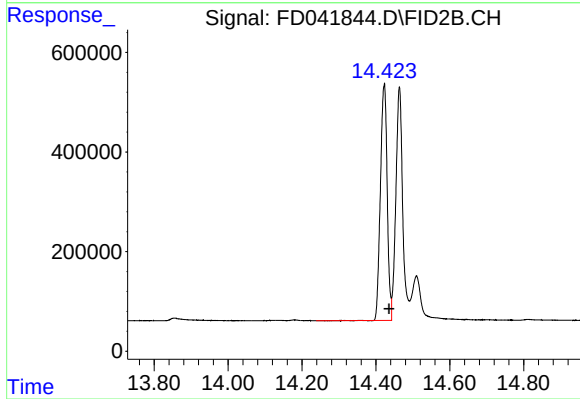
#12 Fluoranthene (C21.85)

R.T.: 12.258 min
Delta R.T.: -0.017 min
Response: 6874838
Conc: 40.92 ug/ml m



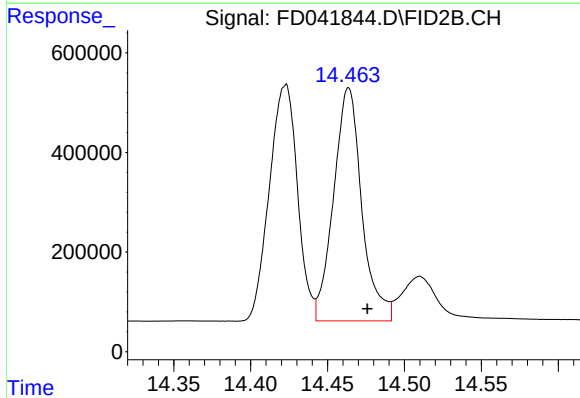
#13 Pyrene (C20.8)

R.T.: 12.551 min
Delta R.T.: -0.017 min
Response: 6734495
Conc: 40.17 ug/ml



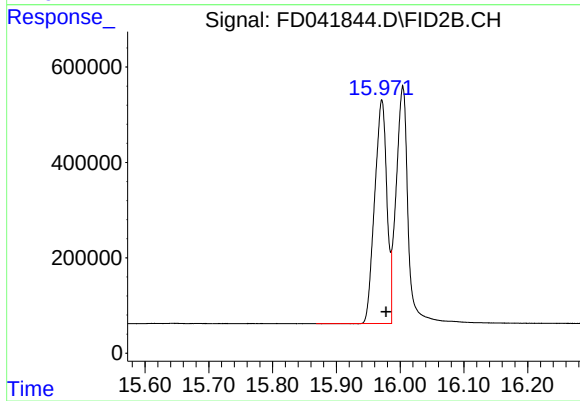
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.422 min
Delta R.T.: -0.013 min
Response: 6041880
Conc: 41.63 ug/ml



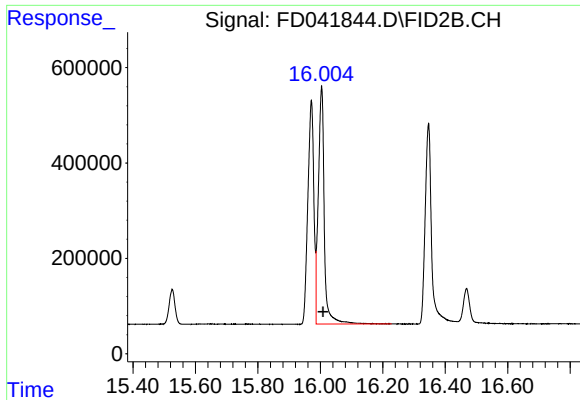
#15 Chrysene (C27.41)

R.T.: 14.463 min
Delta R.T.: -0.013 min
Response: 5974369
Conc: 36.28 ug/ml



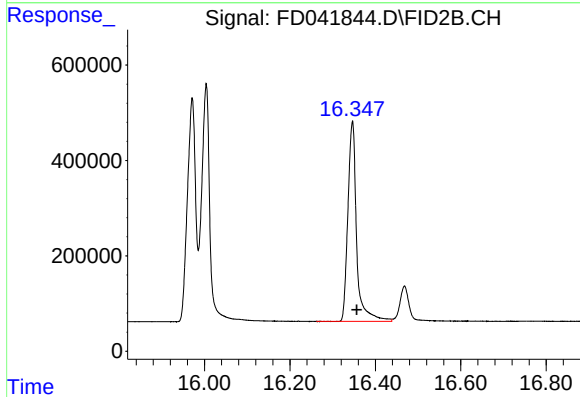
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.970 min
Delta R.T.: -0.008 min
Response: 6250657
Conc: 45.80 ug/ml



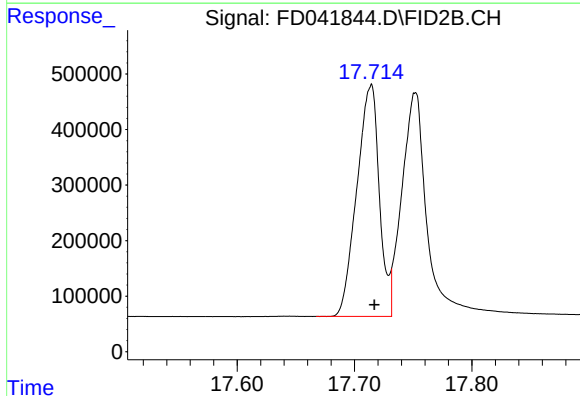
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.003 min
Delta R.T.: -0.006 min
Response: 6558507
Conc: 44.44 ug/ml



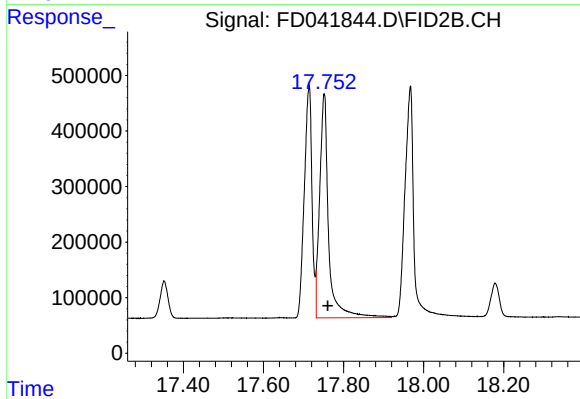
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.346 min
Delta R.T.: -0.011 min
Response: 5951180
Conc: 45.26 ug/ml



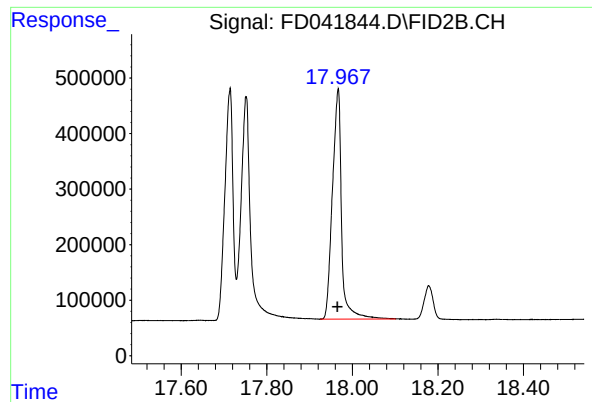
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.712 min
Delta R.T.: -0.005 min
Response: 5569198
Conc: 44.43 ug/ml



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

R.T.: 17.751 min
Delta R.T.: -0.010 min
Response: 6262320
Conc: 44.30 ug/ml



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

R.T.: 17.967 min
Delta R.T.: 0.002 min
Response: 6158587
Conc: 47.57 ug/ml m