

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010522AR\
 Data File : FD040446.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jan 2022 2:26
 Operator : AJ\MA
 Sample : N1016-01MSD
 Misc : 2.5 PPM LOD SOIL
 ALS Vial : 64 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jan 06 04:31:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 01:13:45 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...	6.750	8512519	59.519 ug/ml
Spiked Amount 50.000		Recovery =	119.04%
6) S 2-Fluorobiphenyl (SURR)	7.599	5789834	60.803 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	121.61%
11) S ortho-Terphenyl (SURR)	10.635	6237091	39.910 ug/ml
Spiked Amount 50.000		Recovery =	79.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.602	2932264	18.957 ug/ml
2) T Naphthalene (C11.7)	5.096	4435537	27.714 ug/ml
3) T 2-Methylnaphthalene (...)	6.137	4533788	27.930 ug/ml
5) T Acenaphthylene (C15.06)	7.401	4794522	31.895 ug/ml
7) T Acenaphthene (C15.5)	7.696	5510291	34.187 ug/ml
8) T Fluorene (C16.55)	8.473	5587659	35.950 ug/ml
9) T Phenanthrene (C19.36)	9.864	8945181	58.144 ug/ml
10) T Anthracene (C19.43)	9.936	5912820	40.471 ug/ml
12) T Fluoranthene (C21.85)	11.670	11089828	71.420 ug/ml
13) T Pyrene (C20.8)	11.963	9199774	60.948 ug/ml
14) T Benzo[a]anthracene (C...	13.829	7042602	53.086 ug/ml
15) T Chrysene (C27.41)	13.874	6999424	47.864 ug/ml
16) T benzo[b]fluoranthene ...	15.380	7211804	52.778 ug/ml
17) T Bnezo[k]fluoranthene ...	15.409	4785603	34.573 ug/mlm
18) T Benzo[a]pyrene (C31.34)	15.754	5886482	45.159 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.116	4601818	37.765 ug/ml
20) T Dibenz[a,h]anthracene...	17.156	3877065	31.874 ug/ml
21) T Benzo[g,h,i]perylene ...	17.370	4384038	34.143 ug/mlm

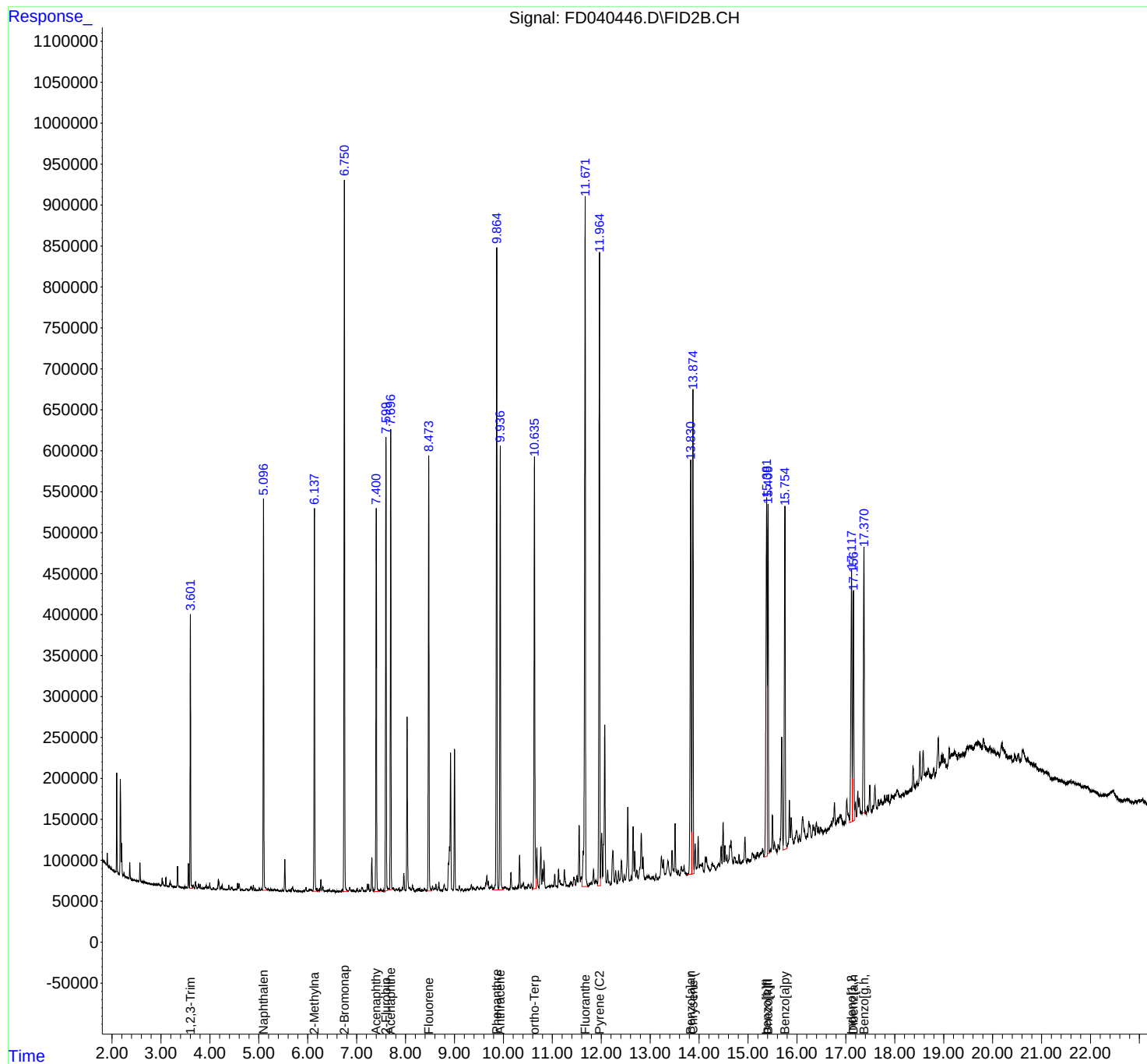
(f)=RT Delta > 1/2 Window

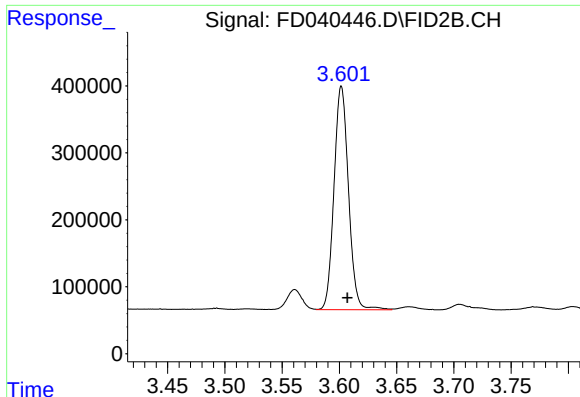
(m)=manual int.

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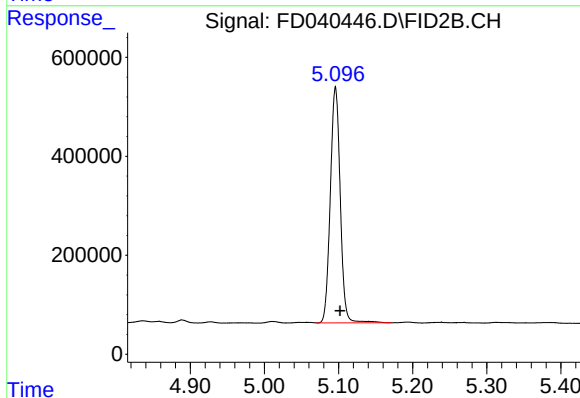
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Signal Info : 20M x 0.18mm x 0.18µm





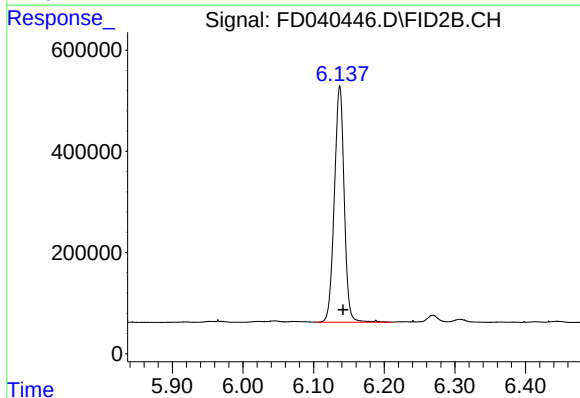
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.602 min
Delta R.T.: -0.005 min
Response: 2932264
Conc: 18.96 ug/ml



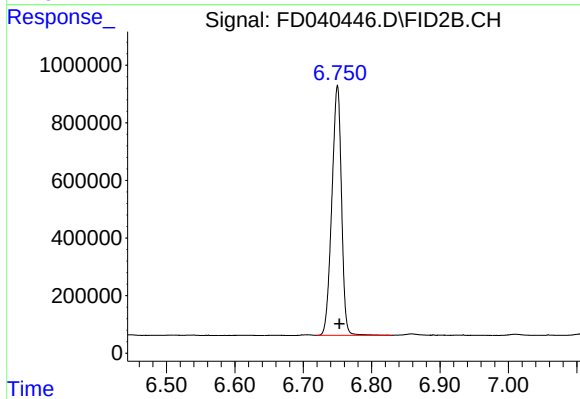
#2 Naphthalene (C11.7)

R.T.: 5.096 min
Delta R.T.: -0.006 min
Response: 4435537
Conc: 27.71 ug/ml



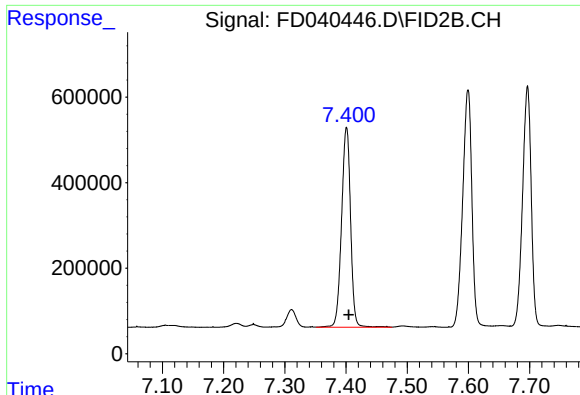
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.137 min
Delta R.T.: -0.005 min
Response: 4533788
Conc: 27.93 ug/ml



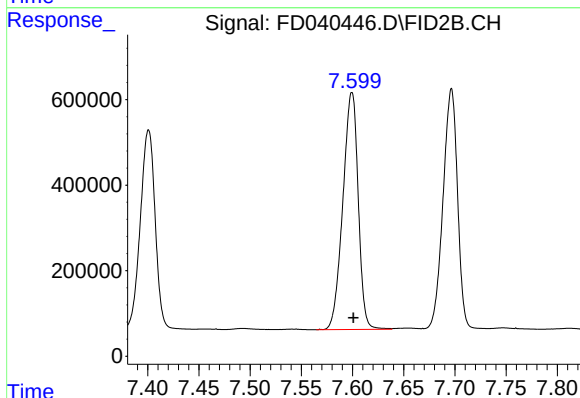
#4 2-Bromonaphthalene (SURR)

R.T.: 6.750 min
Delta R.T.: -0.003 min
Response: 8512519
Conc: 59.52 ug/ml



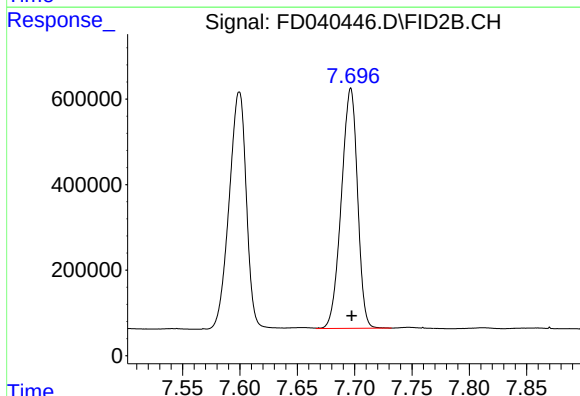
#5 Acenaphthylene (C15.06)

R.T.: 7.401 min
Delta R.T.: -0.004 min
Response: 4794522
Conc: 31.90 ug/ml



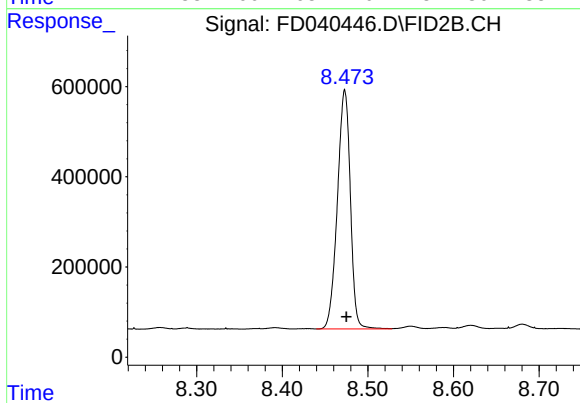
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.599 min
Delta R.T.: -0.002 min
Response: 5789834
Conc: 60.80 ug/ml



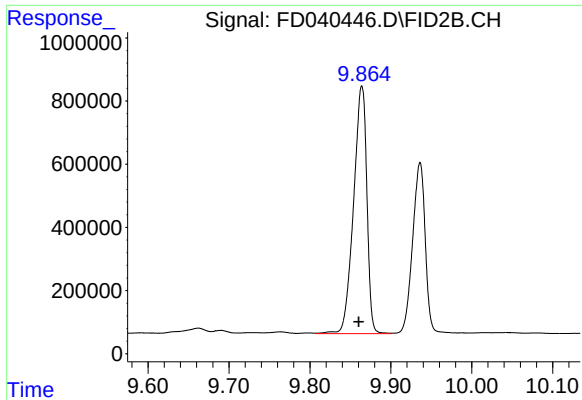
#7 Acenaphthene (C15.5)

R.T.: 7.696 min
Delta R.T.: -0.001 min
Response: 5510291
Conc: 34.19 ug/ml



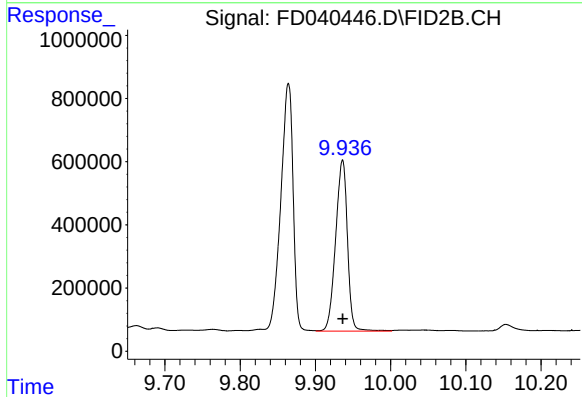
#8 Fluorene (C16.55)

R.T.: 8.473 min
Delta R.T.: -0.002 min
Response: 5587659
Conc: 35.95 ug/ml



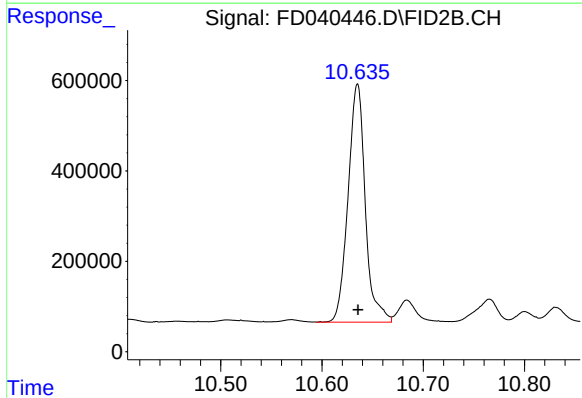
#9 Phenanthrene (C19.36)

R.T.: 9.864 min
Delta R.T.: 0.003 min
Response: 8945181
Conc: 58.14 ug/ml



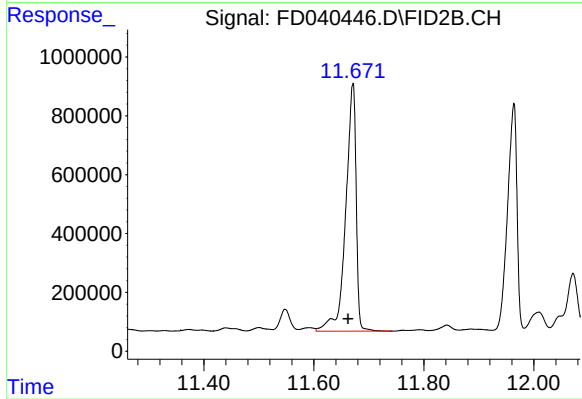
#10 Anthracene (C19.43)

R.T.: 9.936 min
Delta R.T.: 0.000 min
Response: 5912820
Conc: 40.47 ug/ml



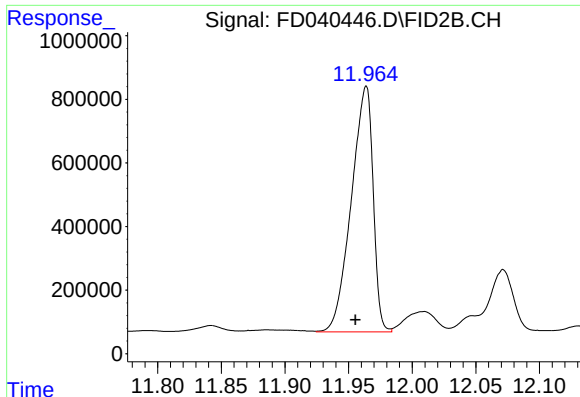
#11 ortho-Terphenyl (SURR)

R.T.: 10.635 min
Delta R.T.: 0.000 min
Response: 6237091
Conc: 39.91 ug/ml



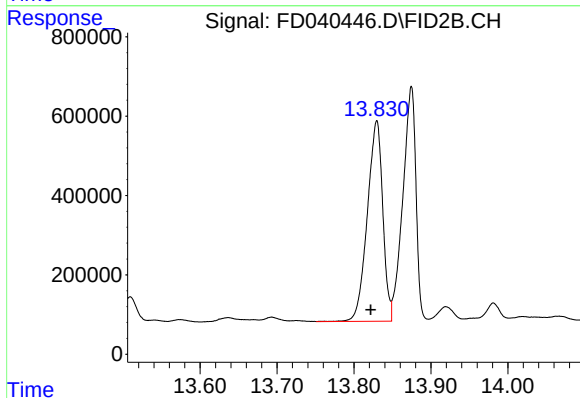
#12 Fluoranthene (C21.85)

R.T.: 11.670 min
Delta R.T.: 0.008 min
Response: 11089828
Conc: 71.42 ug/ml



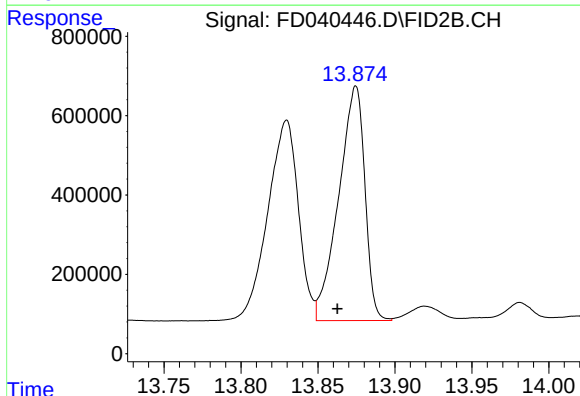
#13 Pyrene (C20.8)

R.T.: 11.963 min
Delta R.T.: 0.008 min
Response: 9199774
Conc: 60.95 ug/ml



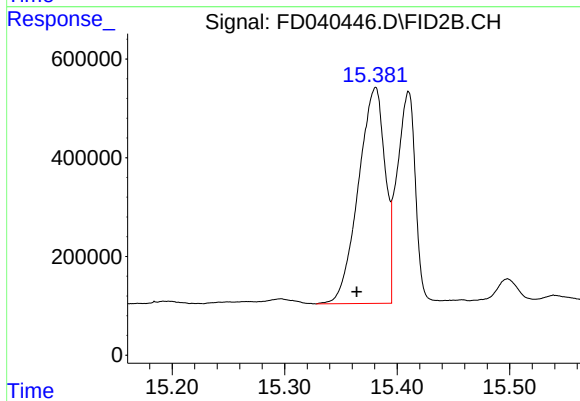
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.829 min
Delta R.T.: 0.007 min
Response: 7042602
Conc: 53.09 ug/ml



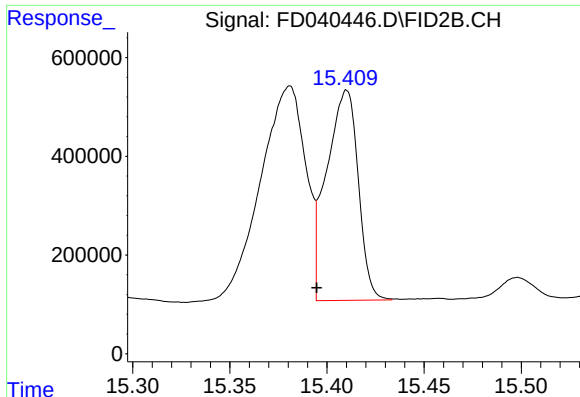
#15 Chrysene (C27.41)

R.T.: 13.874 min
Delta R.T.: 0.011 min
Response: 6999424
Conc: 47.86 ug/ml



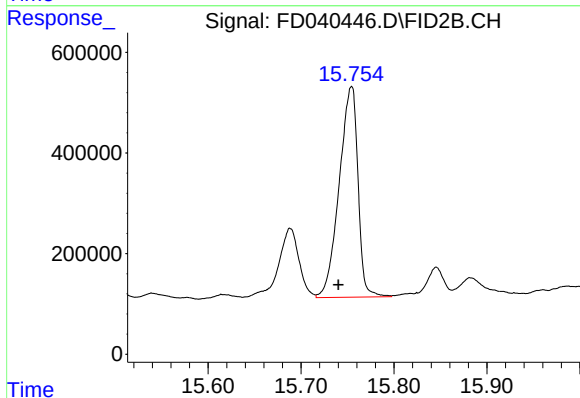
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.380 min
Delta R.T.: 0.016 min
Response: 7211804
Conc: 52.78 ug/ml



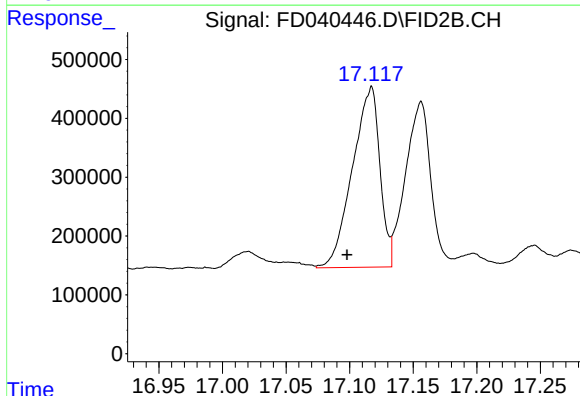
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.409 min
Delta R.T.: 0.015 min
Response: 4785603
Conc: 34.57 ug/ml m



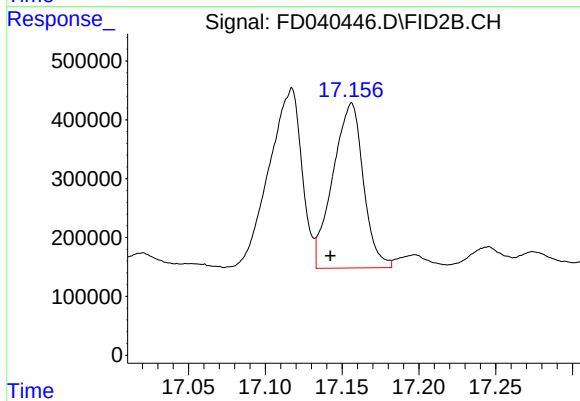
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.754 min
Delta R.T.: 0.013 min
Response: 5886482
Conc: 45.16 ug/ml



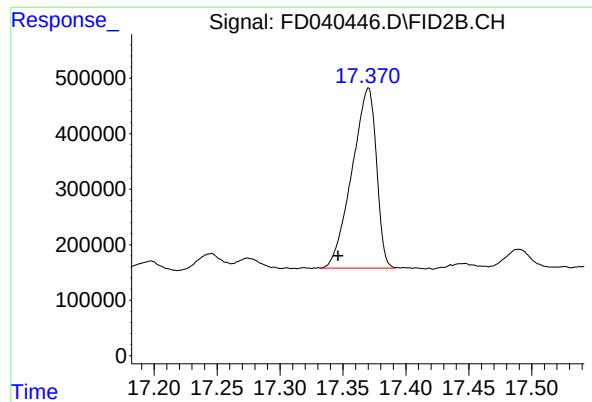
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.116 min
Delta R.T.: 0.018 min
Response: 4601818
Conc: 37.76 ug/ml



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

R.T.: 17.156 min
Delta R.T.: 0.013 min
Response: 3877065
Conc: 31.87 ug/ml



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

R.T.: 17.370 min
Delta R.T.: 0.024 min
Response: 4384038
Conc: 34.14 ug/ml m