

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042122AR\
 Data File : FD042013.D
 Signal(s) : FID2B.CH
 Acq On : 21 Apr 2022 14:27
 Operator : UA/NP
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 21 17:06:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:04:43 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...	7.335	13287096	95.886 ug/ml
Spiked Amount 50.000		Recovery =	191.77%
6) S 2-Fluorobiphenyl (SURR)	8.184	8755937	117.895 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	235.79%#
11) S ortho-Terphenyl (SURR)	11.214	15504075	93.537 ug/ml
Spiked Amount 50.000		Recovery =	187.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.157	14753452	96.759 ug/ml
2) T Naphthalene (C11.7)	5.677	15266621	98.974 ug/ml
3) T 2-Methylnaphthalene (...)	6.724	13726018	96.535 ug/ml
5) T Acenaphthylene (C15.06)	7.987	15128902	95.064 ug/ml
7) T Acenaphthene (C15.5)	8.282	15473097	86.853 ug/ml
8) T Fluorene (C16.55)	9.060	14844528	101.022 ug/ml
9) T Phenanthrene (C19.36)	10.446	14572072	99.872 ug/ml
10) T Anthracene (C19.43)	10.522	14545578	91.691 ug/ml
12) T Fluoranthene (C21.85)	12.250	14526182	95.939 ug/ml
13) T Pyrene (C20.8)	12.541	14717668	93.527 ug/ml
14) T Benzo[a]anthracene (C...	14.412	13616071	113.108 ug/ml
15) T Chrysene (C27.41)	14.456	14213095	82.955 ug/ml
16) T benzo[b]fluoranthene ...	15.961	13872659	106.283 ug/ml
17) T Bnezo[k]fluoranthene ...	15.998	13581088	83.826 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.338	13143690	91.763 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.706	11894408	126.249 ug/ml
20) T Dibenz[a,h]anthracene...	17.744	12555563	82.823 ug/ml
21) T Benzo[g,h,i]perylene ...	17.960	12484813	96.699 ug/ml

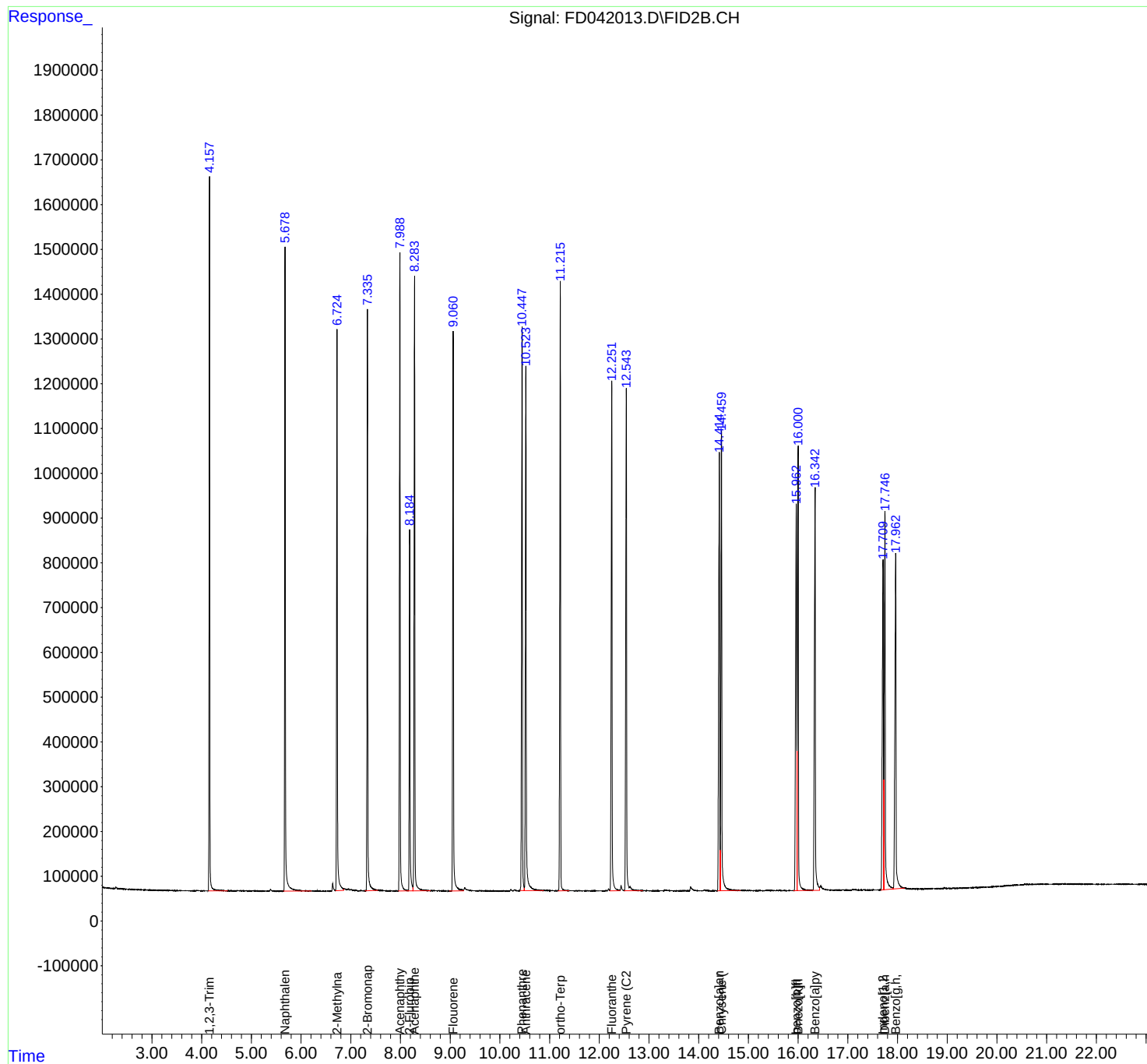
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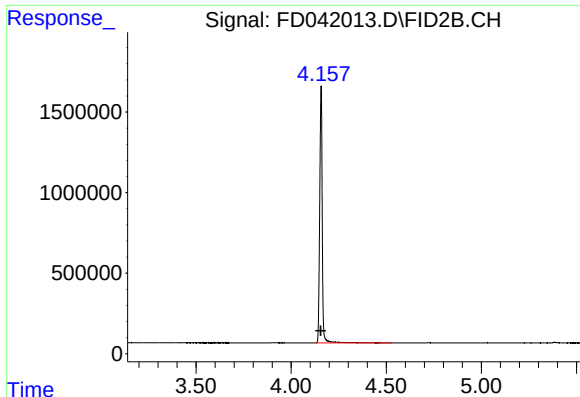
(m)=manual int.

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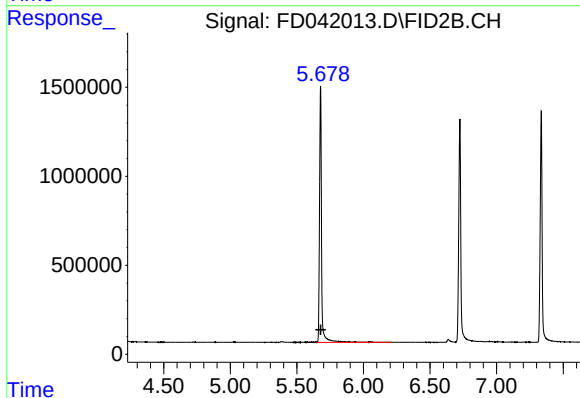
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





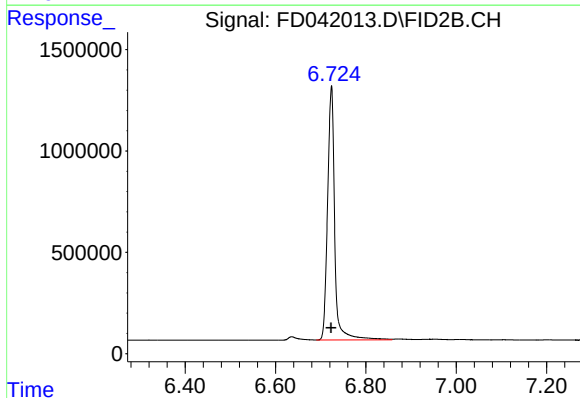
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.157 min
Delta R.T.: 0.002 min
Response: 14753452
Conc: 96.76 ug/ml



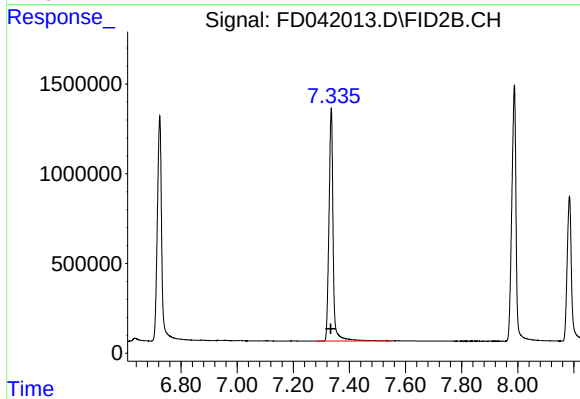
#2 Naphthalene (C11.7)

R.T.: 5.677 min
Delta R.T.: 0.000 min
Response: 15266621
Conc: 98.97 ug/ml



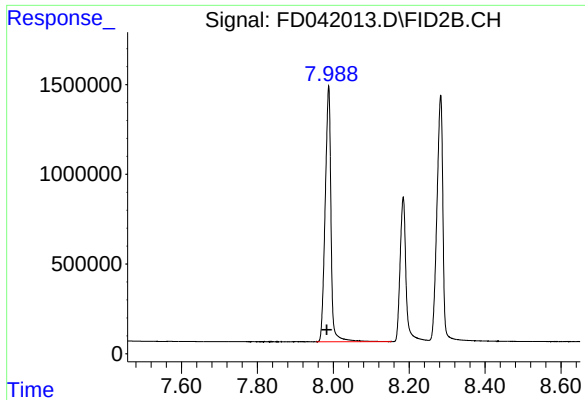
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 13726018
Conc: 96.53 ug/ml



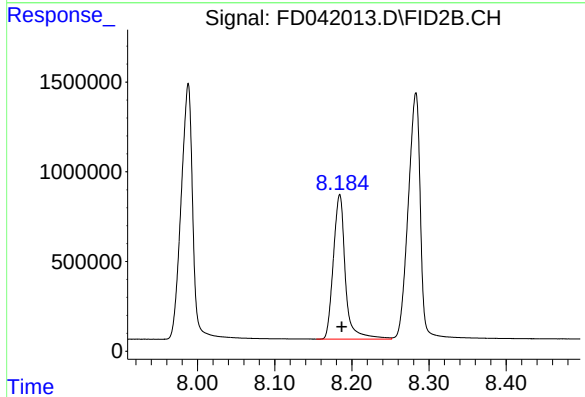
#4 2-Bromonaphthalene (SURR)

R.T.: 7.335 min
Delta R.T.: 0.000 min
Response: 13287096
Conc: 95.89 ug/ml



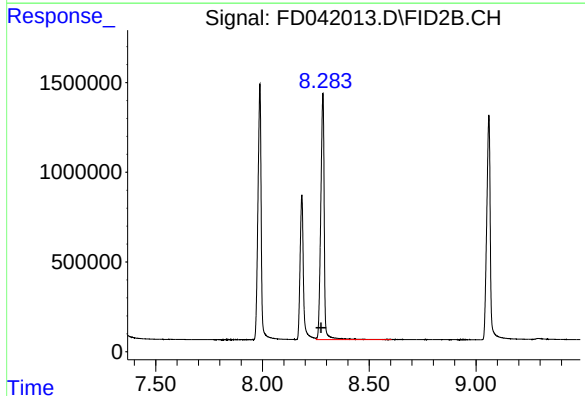
#5 Acenaphthylene (C15.06)

R.T.: 7.987 min
Delta R.T.: 0.005 min
Response: 15128902
Conc: 95.06 ug/ml



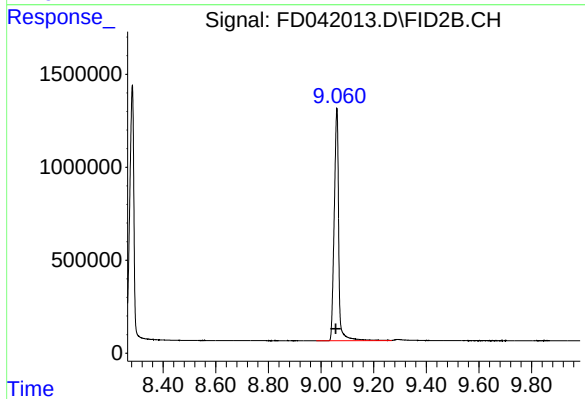
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.184 min
Delta R.T.: -0.003 min
Response: 8755937
Conc: 117.89 ug/ml



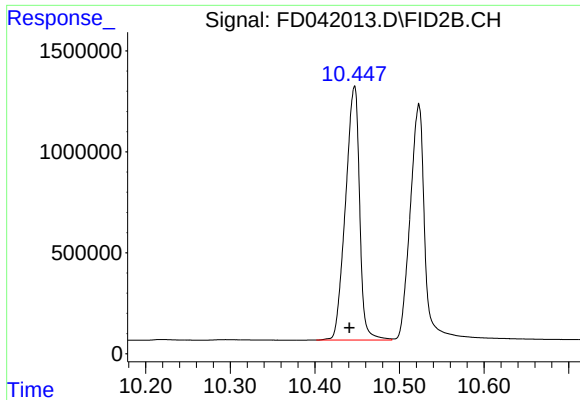
#7 Acenaphthene (C15.5)

R.T.: 8.282 min
Delta R.T.: 0.007 min
Response: 15473097
Conc: 86.85 ug/ml



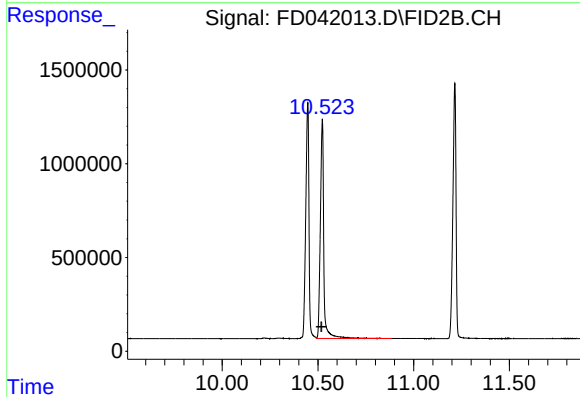
#8 Fluorene (C16.55)

R.T.: 9.060 min
Delta R.T.: 0.004 min
Response: 14844528
Conc: 101.02 ug/ml



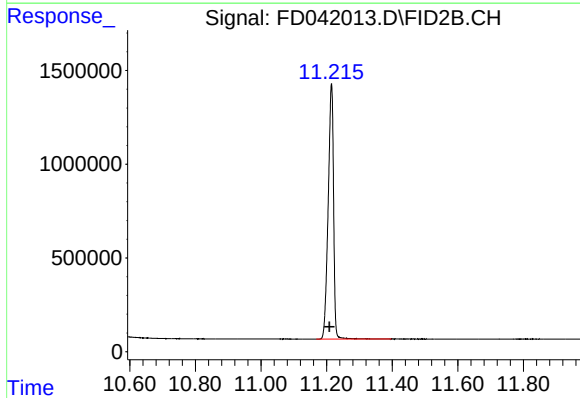
#9 Phenanthrene (C19.36)

R.T.: 10.446 min
Delta R.T.: 0.005 min
Response: 14572072
Conc: 99.87 ug/ml



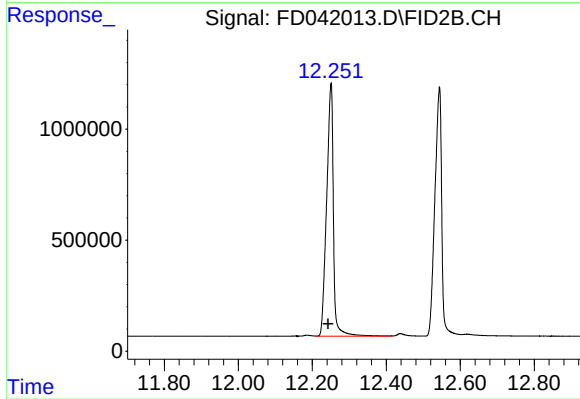
#10 Anthracene (C19.43)

R.T.: 10.522 min
Delta R.T.: 0.004 min
Response: 14545578
Conc: 91.69 ug/ml



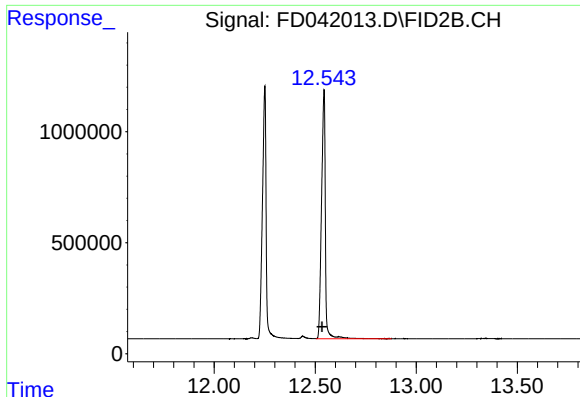
#11 ortho-Terphenyl (SURR)

R.T.: 11.214 min
Delta R.T.: 0.006 min
Response: 15504075
Conc: 93.54 ug/ml



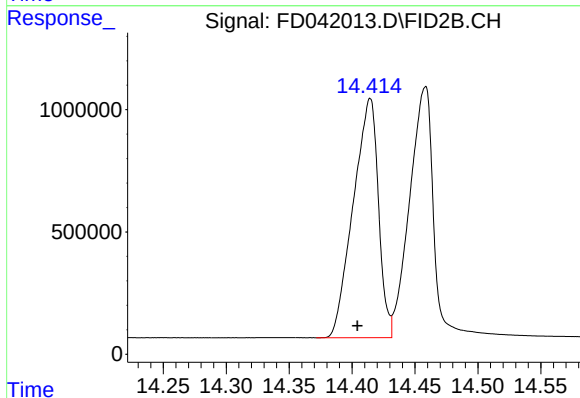
#12 Fluoranthene (C21.85)

R.T.: 12.250 min
Delta R.T.: 0.008 min
Response: 14526182
Conc: 95.94 ug/ml



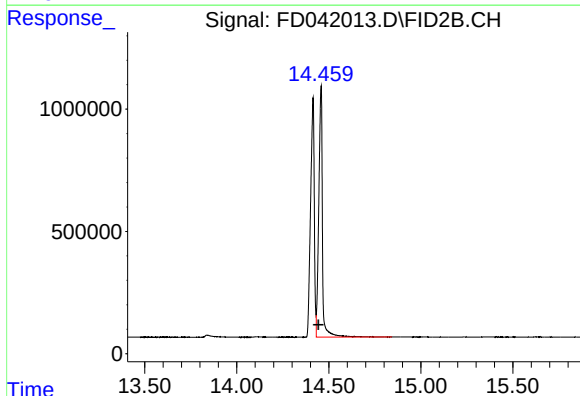
#13 Pyrene (C20.8)

R.T.: 12.541 min
Delta R.T.: 0.007 min
Response: 14717668
Conc: 93.53 ug/ml



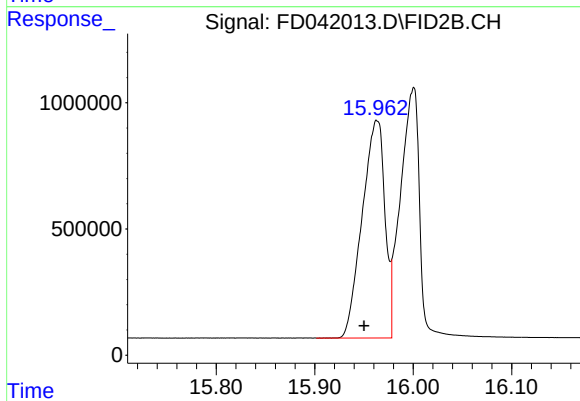
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.412 min
Delta R.T.: 0.008 min
Response: 13616071
Conc: 113.11 ug/ml



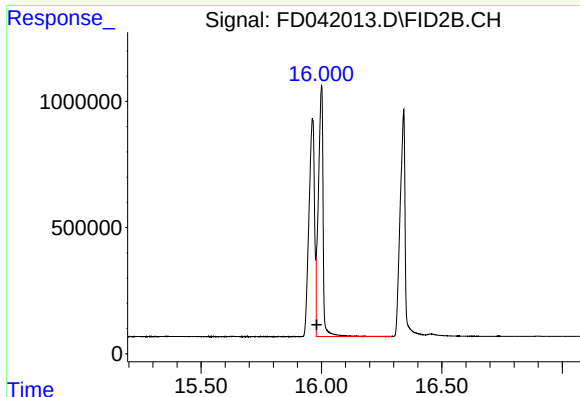
#15 Chrysene (C27.41)

R.T.: 14.456 min
Delta R.T.: 0.011 min
Response: 14213095
Conc: 82.96 ug/ml



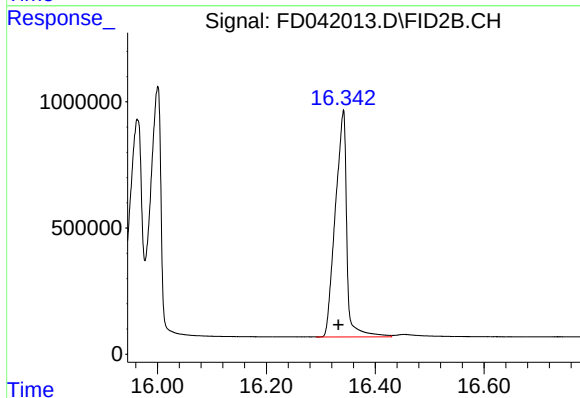
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.961 min
Delta R.T.: 0.011 min
Response: 13872659
Conc: 106.28 ug/ml



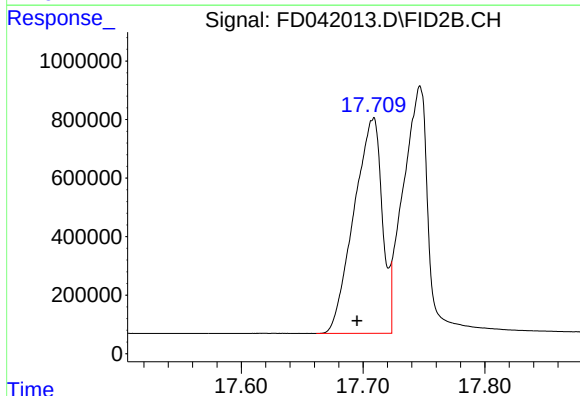
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.998 min
Delta R.T.: 0.017 min
Response: 13581088
Conc: 83.83 ug/ml



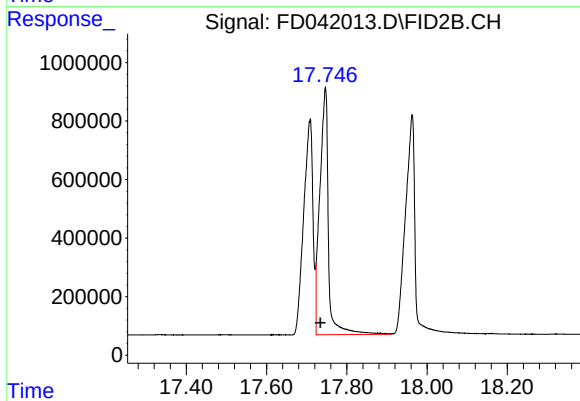
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.338 min
Delta R.T.: 0.006 min
Response: 13143690
Conc: 91.76 ug/ml



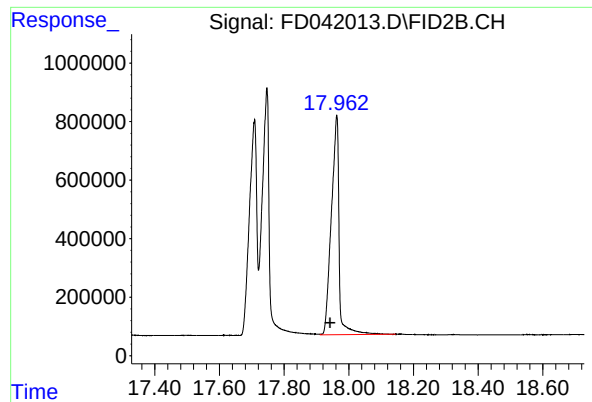
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.706 min
Delta R.T.: 0.011 min
Response: 11894408
Conc: 126.25 ug/ml



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

R.T.: 17.744 min
Delta R.T.: 0.010 min
Response: 12555563
Conc: 82.82 ug/ml



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

R.T.: 17.960 min
Delta R.T.: 0.018 min
Response: 12484813
Conc: 96.70 ug/ml