

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022322AR\
 Data File : FD041234.D
 Signal(s) : FID2B.CH
 Acq On : 23 Feb 2022 13:41
 Operator : UA/NP
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 15:48:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 15:47:16 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...	7.372	14297028	90.772 ug/ml
Spiked Amount 50.000		Recovery =	181.54%
6) S 2-Fluorobiphenyl (SURR)	8.221	9673705	93.903 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	187.81%#
11) S ortho-Terphenyl (SURR)	11.258	15248230	89.948 ug/ml
Spiked Amount 50.000		Recovery =	179.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.193	15736787	91.811 ug/ml
2) T Naphthalene (C11.7)	5.715	16493506	92.955 ug/ml
3) T 2-Methylnaphthalene (...)	6.763	16492563	93.098 ug/ml
5) T Acenaphthylene (C15.06)	8.026	15702225	90.556 ug/ml
7) T Acenaphthene (C15.5)	8.323	16754185	90.036 ug/ml
8) T Fluorene (C16.55)	9.099	15370711	91.541 ug/ml
9) T Phenanthrene (C19.36)	10.486	15055275	92.387 ug/ml
10) T Anthracene (C19.43)	10.563	14672637	93.107 ug/ml
12) T Fluoranthene (C21.85)	12.291	14836514	91.088 ug/ml
13) T Pyrene (C20.8)	12.585	14993123	91.890 ug/ml
14) T Benzo[a]anthracene (C...	14.454	13721549	95.836 ug/ml
15) T Chrysene (C27.41)	14.501	14191250	89.464 ug/ml
16) T benzo[b]fluoranthene ...	16.000	12960272	96.125 ug/ml
17) T Bnezo[k]fluoranthene ...	16.040	12926529	90.196 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.378	12277906	94.969 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.743	12370039	100.148 ug/ml
20) T Dibenz[a,h]anthracene...	17.786	12081438	87.674 ug/ml
21) T Benzo[g,h,i]perylene ...	18.000	11887265	93.876 ug/ml

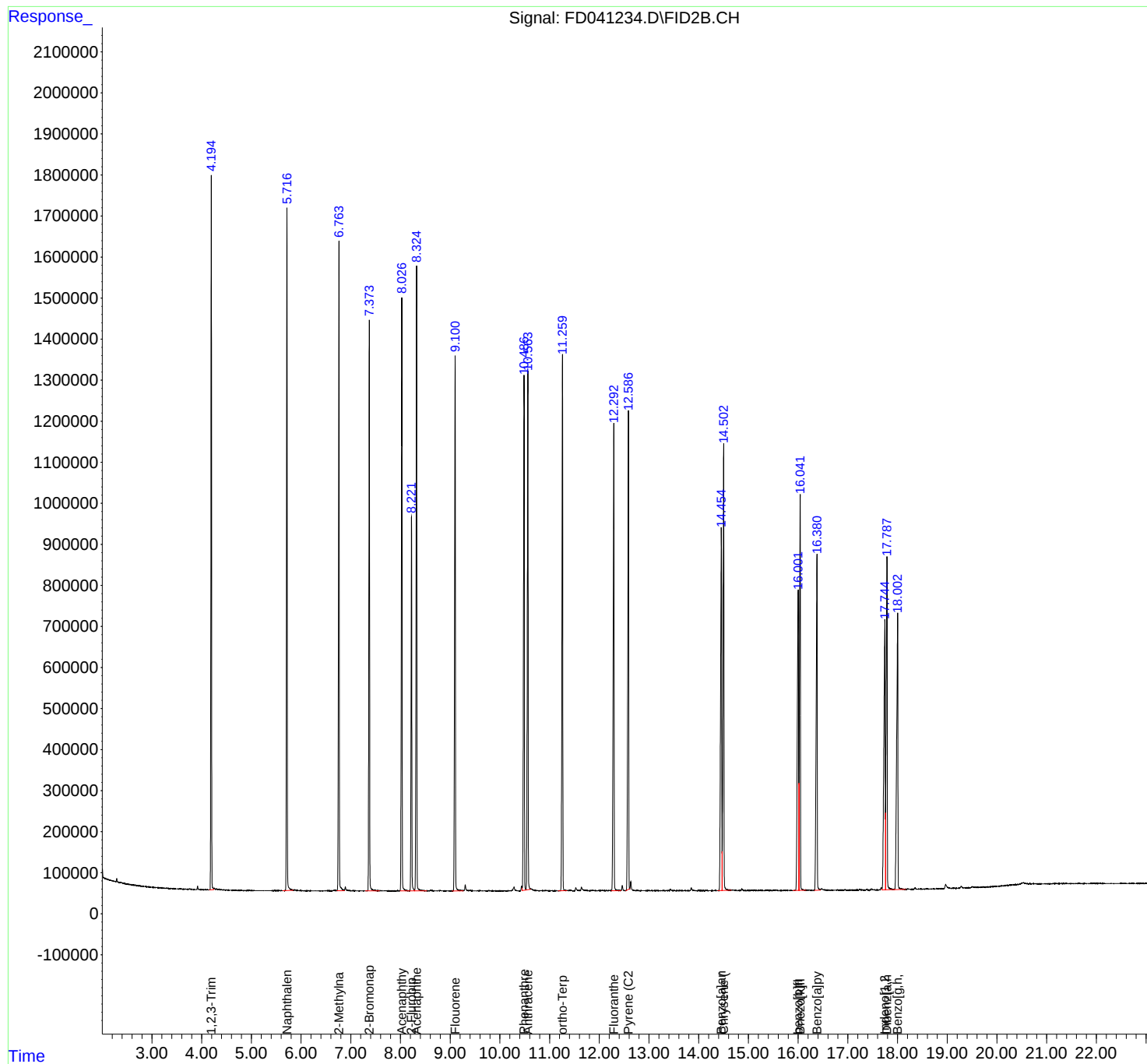
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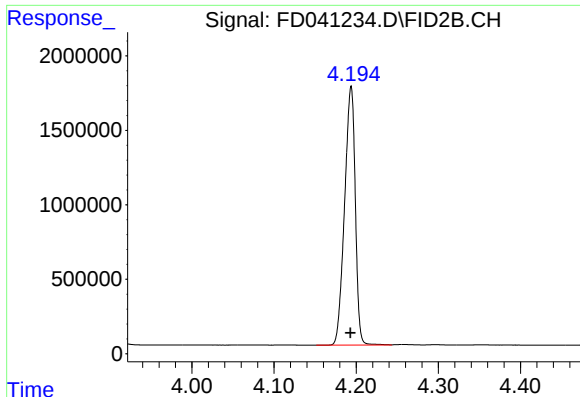
(m)=manual int.

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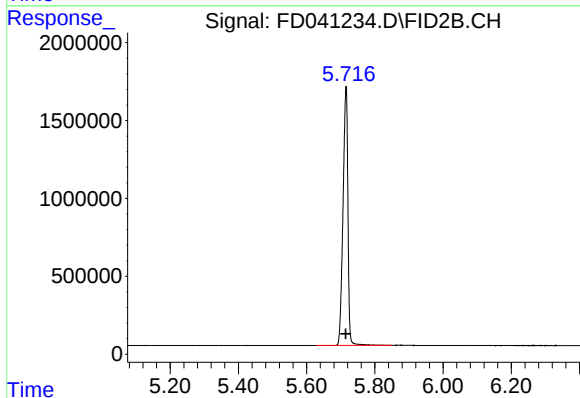
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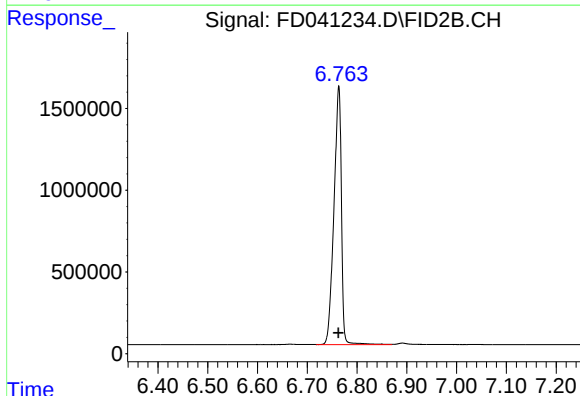
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.193 min
Delta R.T.: 0.000 min
Response: 15736787
Conc: 91.81 ug/ml



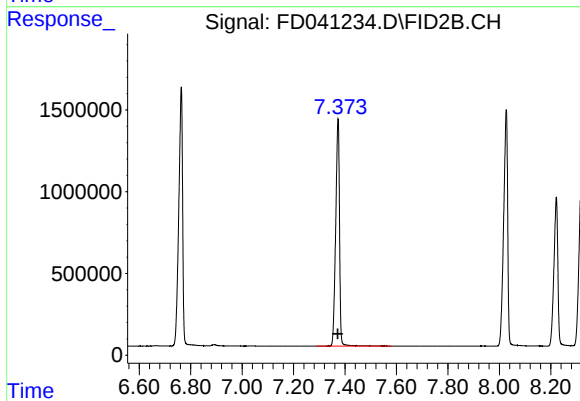
#2 Naphthalene (C11.7)

R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 16493506
Conc: 92.96 ug/ml



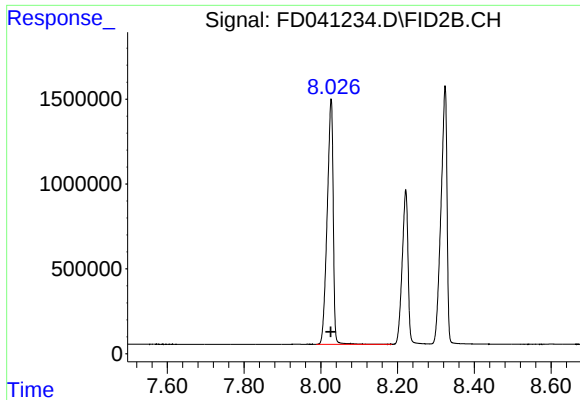
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 16492563
Conc: 93.10 ug/ml



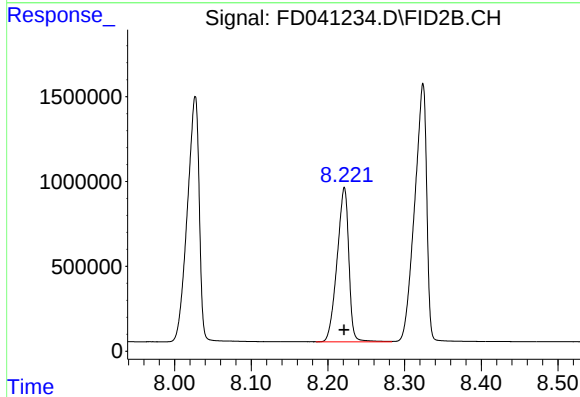
#4 2-Bromonaphthalene (SURR)

R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 14297028
Conc: 90.77 ug/ml



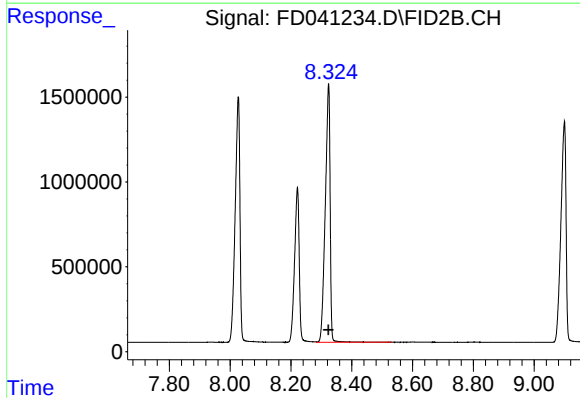
#5 Acenaphthylene (C15.06)

R.T.: 8.026 min
Delta R.T.: 0.000 min
Response: 15702225
Conc: 90.56 ug/ml



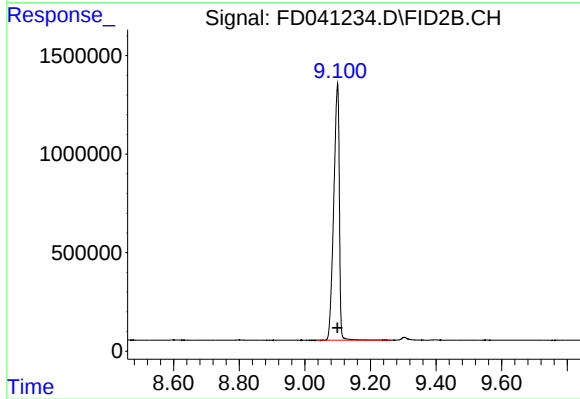
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.221 min
Delta R.T.: 0.000 min
Response: 9673705
Conc: 93.90 ug/ml



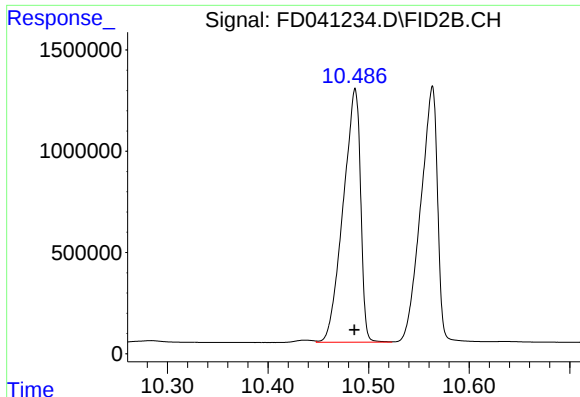
#7 Acenaphthene (C15.5)

R.T.: 8.323 min
Delta R.T.: 0.000 min
Response: 16754185
Conc: 90.04 ug/ml



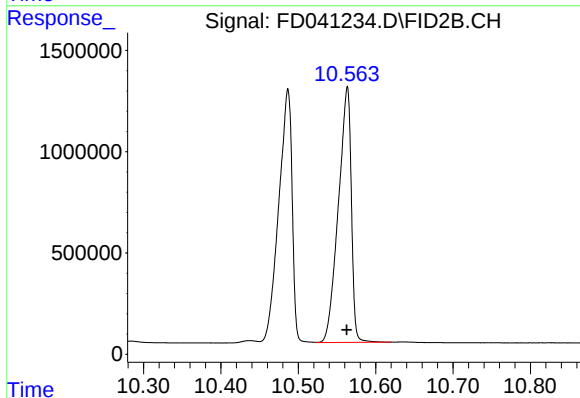
#8 Flouorene (C16.55)

R.T.: 9.099 min
Delta R.T.: 0.000 min
Response: 15370711
Conc: 91.54 ug/ml



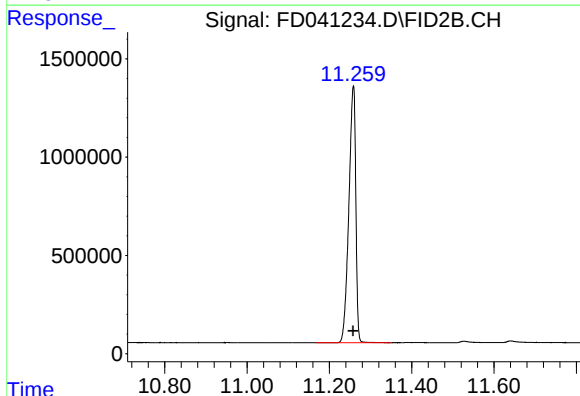
#9 Phenanthrene (C19.36)

R.T.: 10.486 min
Delta R.T.: 0.000 min
Response: 15055275
Conc: 92.39 ug/ml



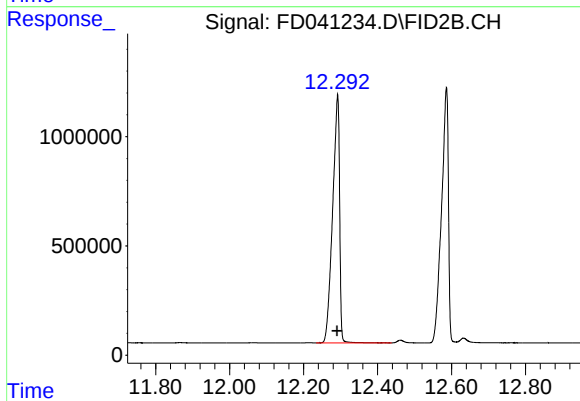
#10 Anthracene (C19.43)

R.T.: 10.563 min
Delta R.T.: 0.000 min
Response: 14672637
Conc: 93.11 ug/ml



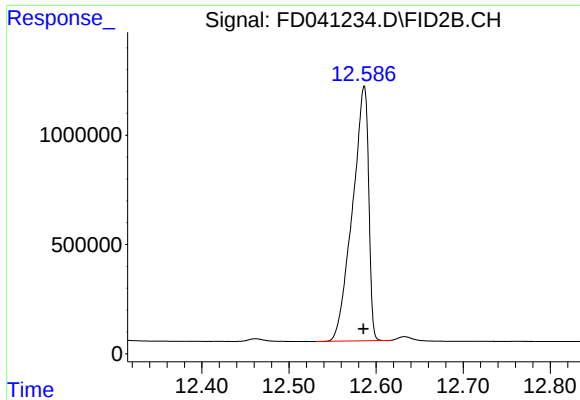
#11 ortho-Terphenyl (SURR)

R.T.: 11.258 min
Delta R.T.: 0.000 min
Response: 15248230
Conc: 89.95 ug/ml



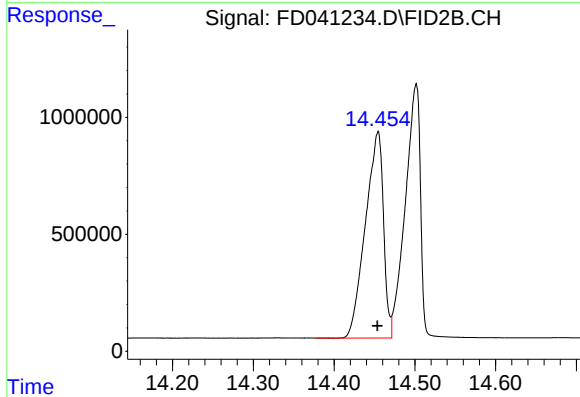
#12 Fluoranthene (C21.85)

R.T.: 12.291 min
Delta R.T.: 0.000 min
Response: 14836514
Conc: 91.09 ug/ml



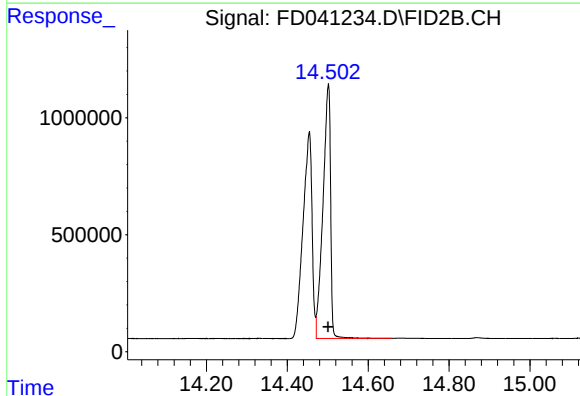
#13 Pyrene (C20.8)

R.T.: 12.585 min
Delta R.T.: 0.000 min
Response: 14993123
Conc: 91.89 ug/ml



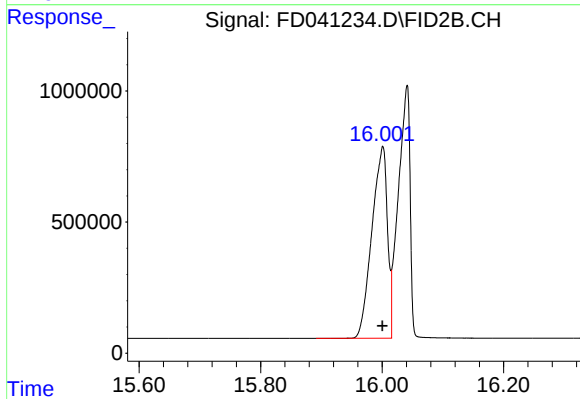
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.454 min
Delta R.T.: 0.000 min
Response: 13721549
Conc: 95.84 ug/ml



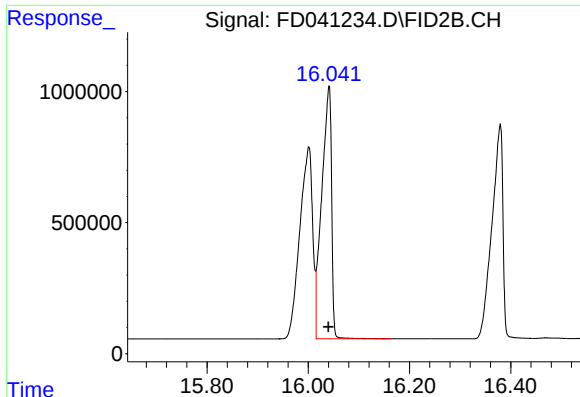
#15 Chrysene (C27.41)

R.T.: 14.501 min
Delta R.T.: 0.000 min
Response: 14191250
Conc: 89.46 ug/ml



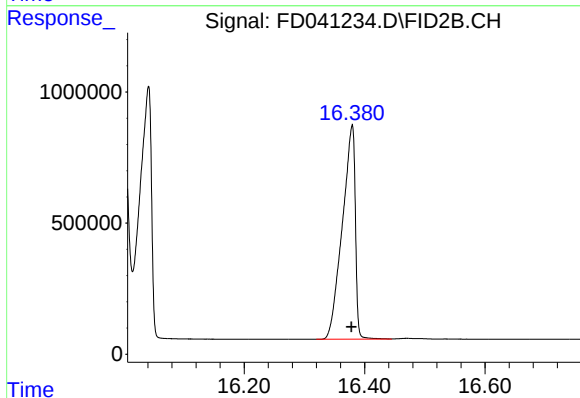
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.000 min
Delta R.T.: 0.000 min
Response: 12960272
Conc: 96.13 ug/ml



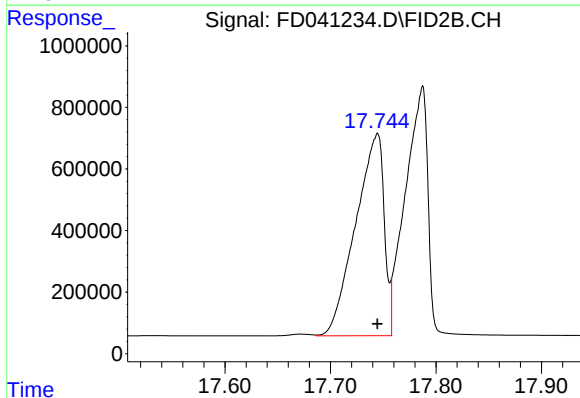
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.040 min
Delta R.T.: 0.000 min
Response: 12926529
Conc: 90.20 ug/ml



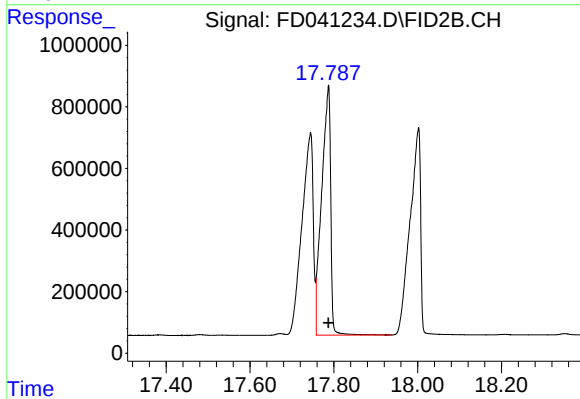
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.378 min
Delta R.T.: 0.000 min
Response: 12277906
Conc: 94.97 ug/ml



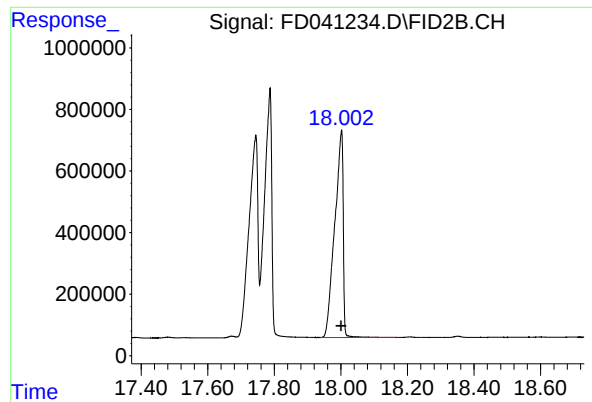
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.743 min
Delta R.T.: -0.001 min
Response: 12370039
Conc: 100.15 ug/ml



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

R.T.: 17.786 min
Delta R.T.: -0.001 min
Response: 12081438
Conc: 87.67 ug/ml



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

R.T.: 18.000 min
Delta R.T.: 0.000 min
Response: 11887265
Conc: 93.88 ug/ml