

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042122AR\
 Data File : FD042016.D
 Signal(s) : FID2B.CH
 Acq On : 21 Apr 2022 16:23
 Operator : UA/NP
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 21 17:26:32 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...	7.339	1432408	10.537 ug/ml
Spiked Amount 50.000		Recovery =	21.07%
6) S 2-Fluorobiphenyl (SURR)	8.199	616868	7.457 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	14.91%
11) S ortho-Terphenyl (SURR)	11.207	1790187	11.127 ug/ml
Spiked Amount 50.000		Recovery =	22.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.157	1550450	10.268 ug/ml
2) T Naphthalene (C11.7)	5.683	1582012	10.230 ug/ml
3) T 2-Methylnaphthalene (...)	6.730	1480035	10.557 ug/ml
5) T Acenaphthylene (C15.06)	7.986	1685110	10.812 ug/ml
7) T Acenaphthene (C15.5)	8.276	2024867	12.208 ug/ml
8) T Flouorene (C16.55)	9.063	1523160	10.239 ug/ml
9) T Phenanthrene (C19.36)	10.446	1458941	9.911 ug/ml
10) T Anthracene (C19.43)	10.526	1738728	11.398 ug/ml
12) T Fluoranthene (C21.85)	12.248	1592661	10.665 ug/ml
13) T Pyrene (C20.8)	12.538	1688107	11.028 ug/ml
14) T Benzo[a]anthracene (C...	14.411	1040757	7.911 ug/ml
15) T Chrysene (C27.41)	14.450	2038145	13.116 ug/ml
16) T benzo[b]fluoranthene ...	15.954	1231808	9.005 ug/ml
17) T Bnezo[k]fluoranthene ...	15.986	1906482	12.828 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.343	1536806	11.205 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.707	875185	8.078 ug/ml
20) T Dibenz[a,h]anthracene...	17.748	1666355	11.953 ug/ml
21) T Benzo[g,h,i]perylene ...	17.949	1378621	10.796 ug/ml

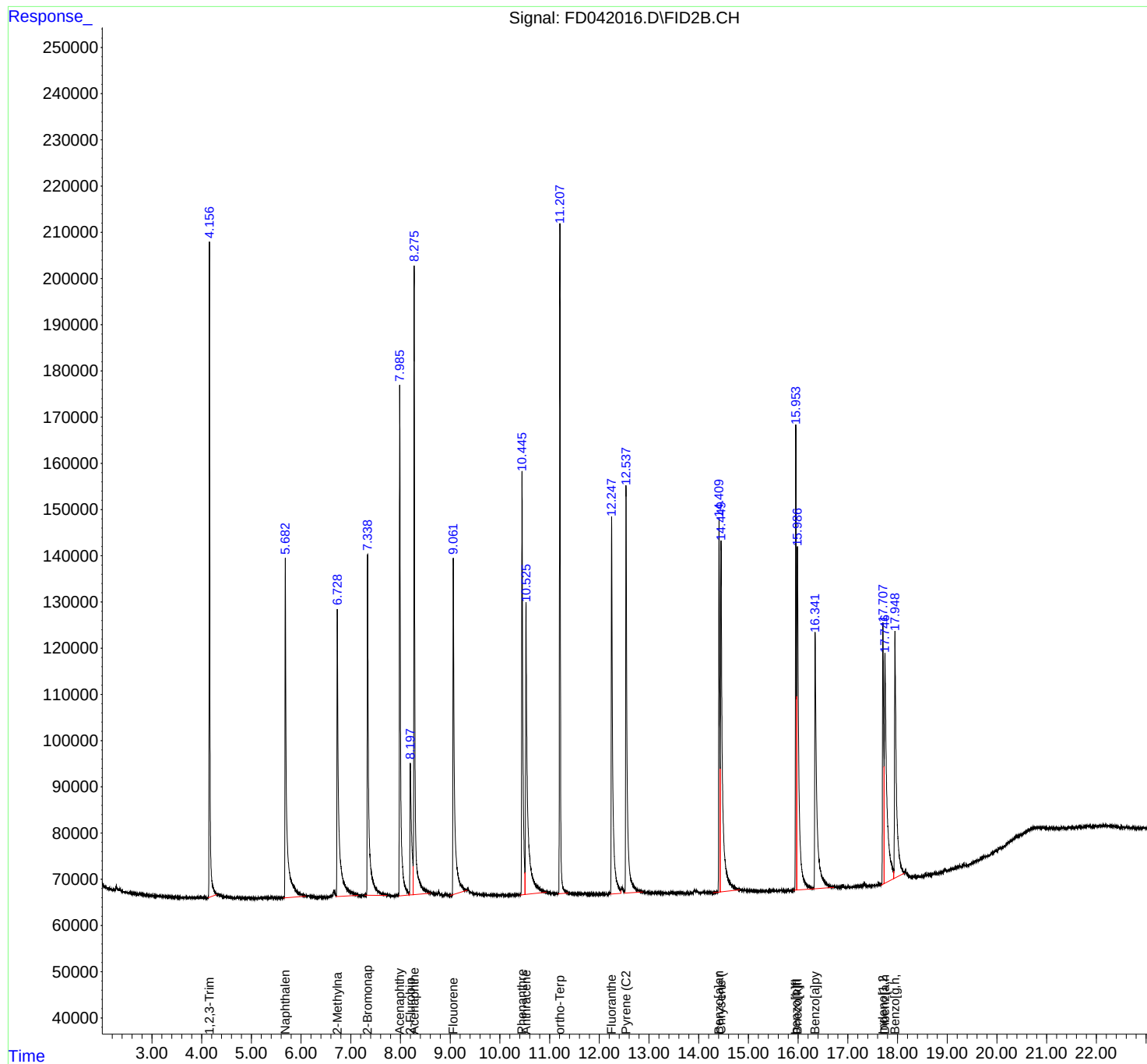
(f)=RT Delta > 1/2 Window

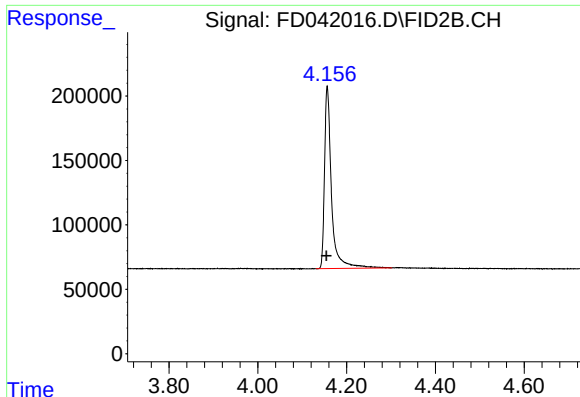
(m)=manual int.

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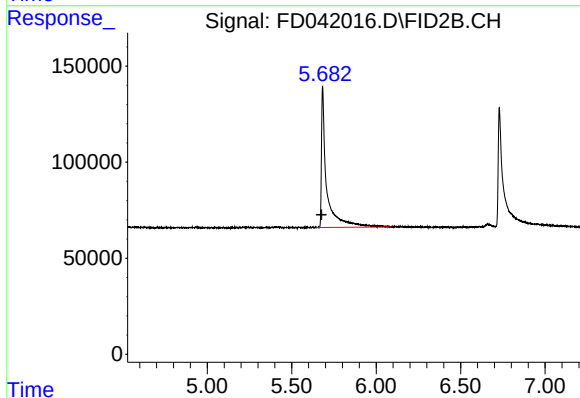
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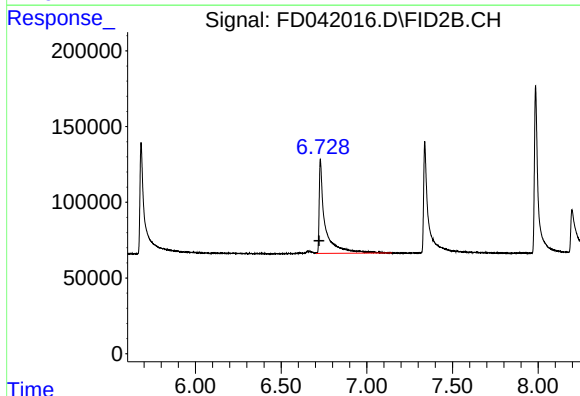
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.157 min
Delta R.T.: 0.002 min
Response: 1550450
Conc: 10.27 ug/ml



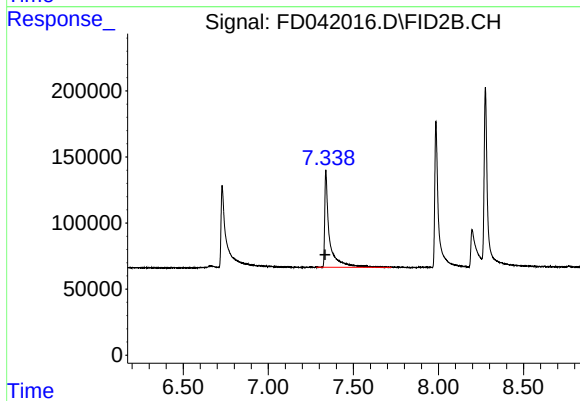
#2 Naphthalene (C11.7)

R.T.: 5.683 min
Delta R.T.: 0.008 min
Response: 1582012
Conc: 10.23 ug/ml



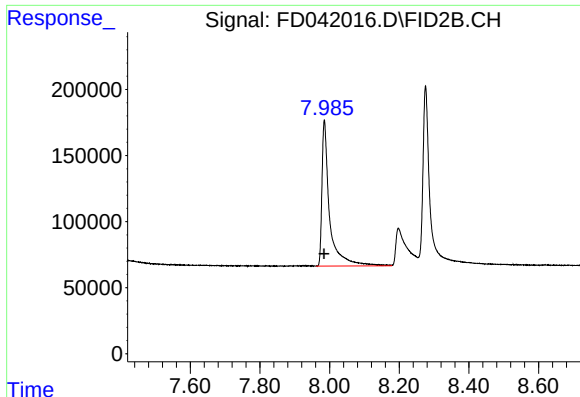
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.730 min
Delta R.T.: 0.008 min
Response: 1480035
Conc: 10.56 ug/ml



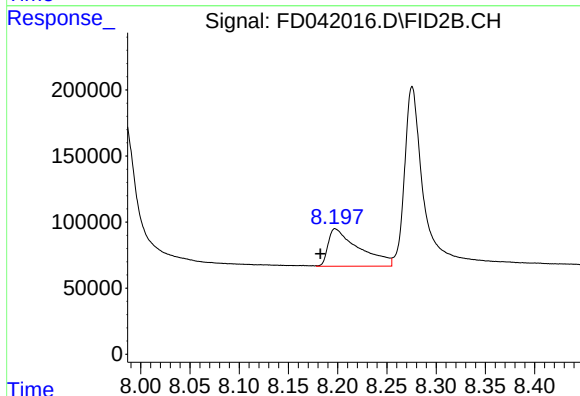
#4 2-Bromonaphthalene (SURR)

R.T.: 7.339 min
Delta R.T.: 0.006 min
Response: 1432408
Conc: 10.54 ug/ml



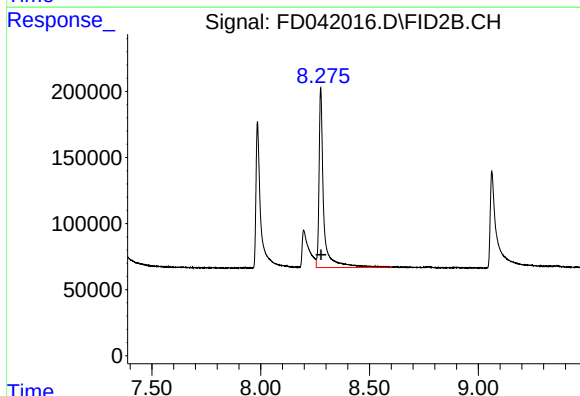
#5 Acenaphthylene (C15.06)

R.T.: 7.986 min
Delta R.T.: 0.002 min
Response: 1685110
Conc: 10.81 ug/ml



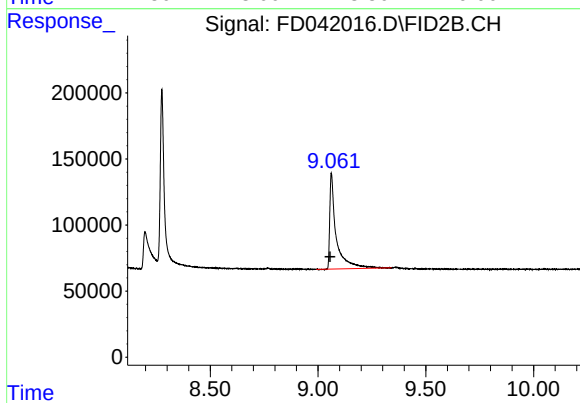
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.199 min
Delta R.T.: 0.016 min
Response: 616868
Conc: 7.46 ug/ml



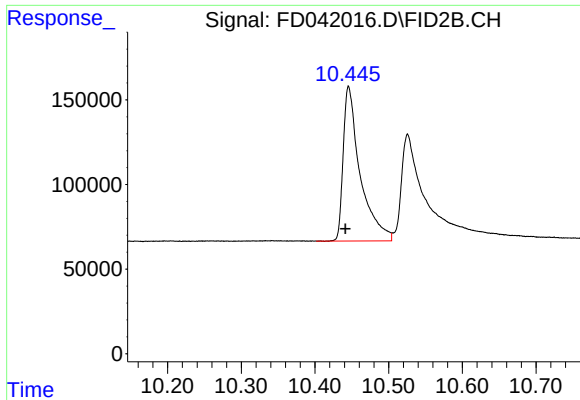
#7 Acenaphthene (C15.5)

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 2024867
Conc: 12.21 ug/ml



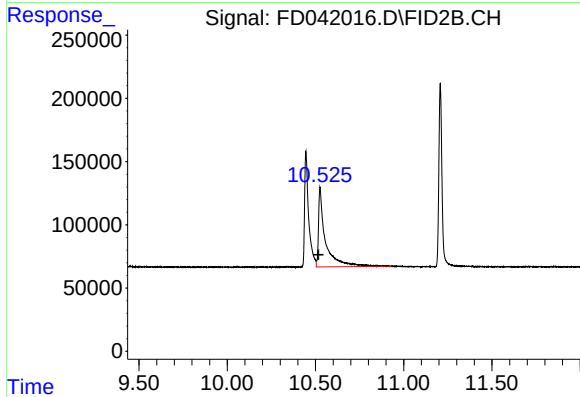
#8 Fluorene (C16.55)

R.T.: 9.063 min
Delta R.T.: 0.007 min
Response: 1523160
Conc: 10.24 ug/ml



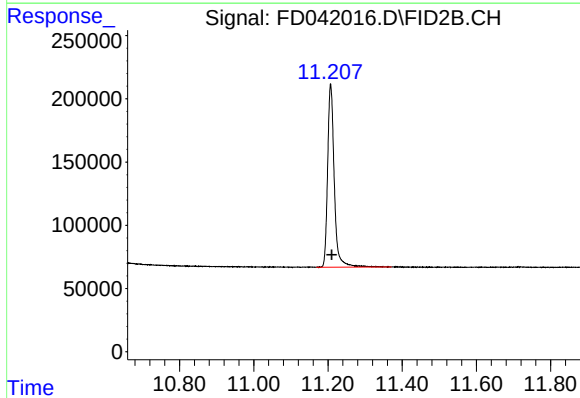
#9 Phenanthrene (C19.36)

R.T.: 10.446 min
Delta R.T.: 0.005 min
Response: 1458941
Conc: 9.91 ug/ml



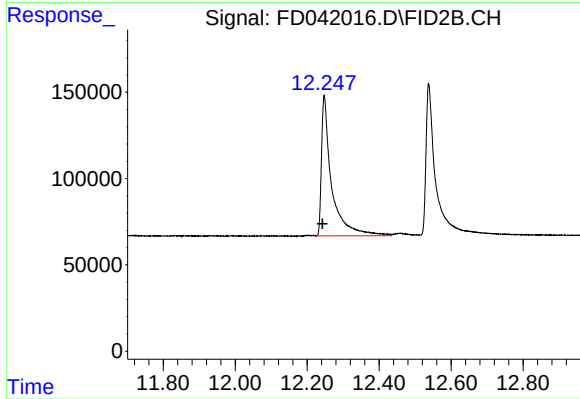
#10 Anthracene (C19.43)

R.T.: 10.526 min
Delta R.T.: 0.010 min
Response: 1738728
Conc: 11.40 ug/ml



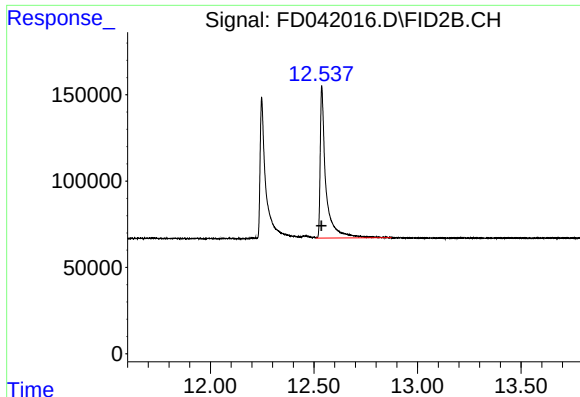
#11 ortho-Terphenyl (SURR)

R.T.: 11.207 min
Delta R.T.: -0.003 min
Response: 1790187
Conc: 11.13 ug/ml



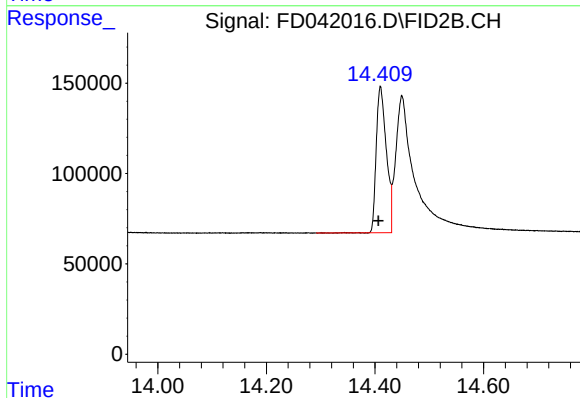
#12 Fluoranthene (C21.85)

R.T.: 12.248 min
Delta R.T.: 0.005 min
Response: 1592661
Conc: 10.66 ug/ml



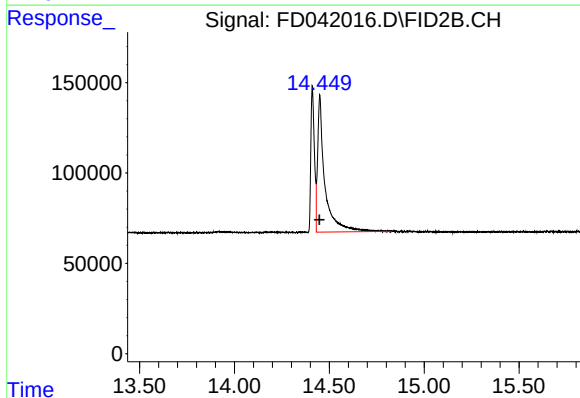
#13 Pyrene (C20.8)

R.T.: 12.538 min
Delta R.T.: 0.003 min
Response: 1688107
Conc: 11.03 ug/ml



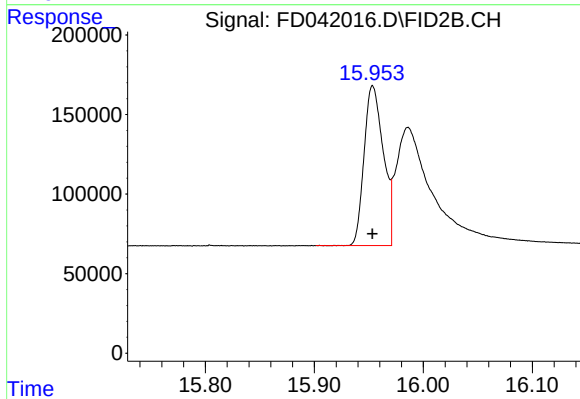
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.411 min
Delta R.T.: 0.004 min
Response: 1040757
Conc: 7.91 ug/ml



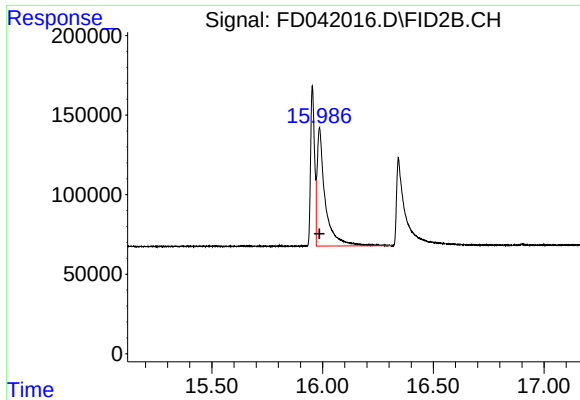
#15 Chrysene (C27.41)

R.T.: 14.450 min
Delta R.T.: 0.002 min
Response: 2038145
Conc: 13.12 ug/ml



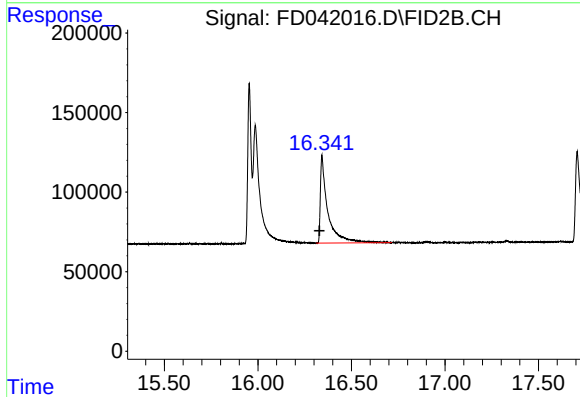
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.954 min
Delta R.T.: 0.000 min
Response: 1231808
Conc: 9.00 ug/ml



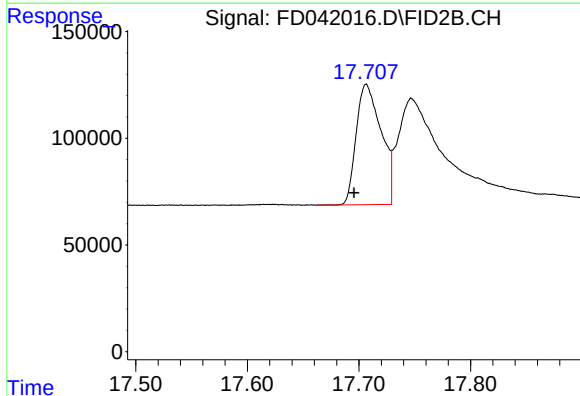
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.986 min
Delta R.T.: 0.000 min
Response: 1906482
Conc: 12.83 ug/ml



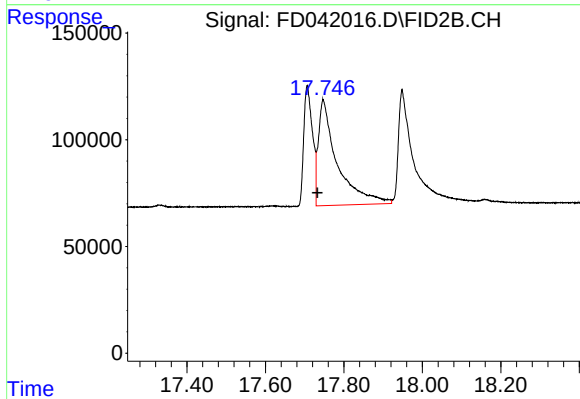
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.343 min
Delta R.T.: 0.014 min
Response: 1536806
Conc: 11.20 ug/ml



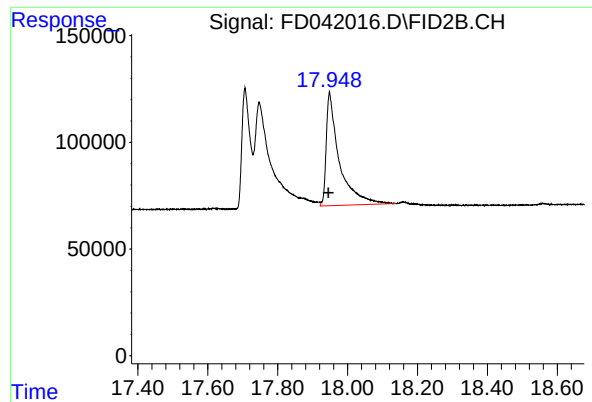
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.707 min
Delta R.T.: 0.011 min
Response: 875185
Conc: 8.08 ug/ml



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

R.T.: 17.748 min
Delta R.T.: 0.015 min
Response: 1666355
Conc: 11.95 ug/ml



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

R.T.: 17.949 min
Delta R.T.: 0.004 min
Response: 1378621
Conc: 10.80 ug/ml