

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071618AR\
 Data File : FD025041.D
 Signal(s) : FID2B.CH
 Acq On : 16 Jul 2018 11:14
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 17 01:17:09 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062118.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 22 09:02:19 2018
 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...	7.472	1770753	19.357 ug/ml
Spiked Amount 50.000		Recovery =	38.71%
6) S 2-Fluorobiphenyl (SURR)	8.328	1164771	18.365 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.73%
11) S ortho-Terphenyl (SURR)	11.377	1790044	17.837 ug/ml
Spiked Amount 50.000		Recovery =	35.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.266	1989108	21.403 ug/ml
2) T Naphthalene (C11.7)	5.805	2081699	20.515 ug/ml
3) T 2-Methylnaphthalene (...)	6.858	2006707	19.737 ug/ml
5) T Acenaphthylene (C15.06)	8.131	1849783	18.526 ug/ml
7) T Acenaphthene (C15.5)	8.428	1922130	18.401 ug/ml
8) T Flouorene (C16.55)	9.207	1869770	17.895 ug/ml
9) T Phenanthrene (C19.36)	10.601	1815767	17.660 ug/ml
10) T Anthracene (C19.43)	10.675	1804103	17.696 ug/ml
12) T Fluoranthene (C21.85)	12.411	1879427	18.849 ug/ml
13) T Pyrene (C20.8)	12.707	1890941	19.016 ug/ml
14) T Benzo[a]anthracene (C...	14.579	1911128	20.357 ug/ml
15) T Chrysene (C27.41)	14.621	1924125	20.339 ug/ml
16) T benzo[b]fluoranthene ...	16.128	1982700	19.173 ug/ml
17) T Bnezo[k]fluoranthene ...	16.161	1985985	18.820 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.505	1969618	18.953 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.868	1926776	18.077 ug/ml
20) T Dibenz[a,h]anthracene...	17.912	1950320	18.647 ug/ml
21) T Benzo[g,h,i]perylene ...	18.123	1938066	18.246 ug/ml

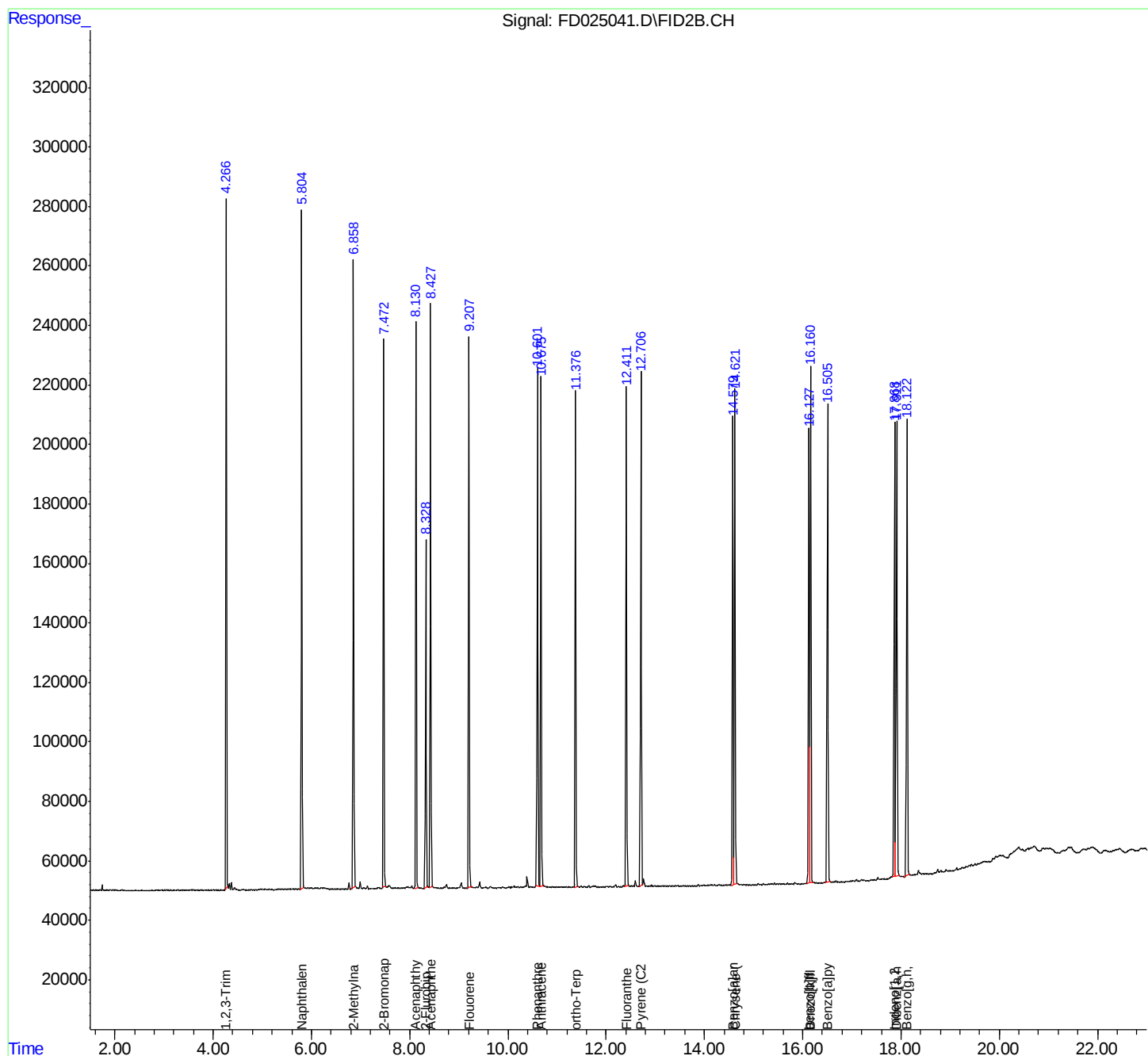
(f)=RT Delta > 1/2 Window

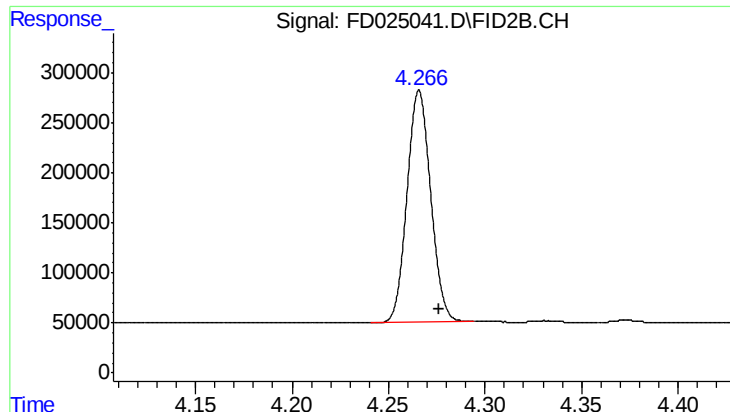
(m)=manual int.

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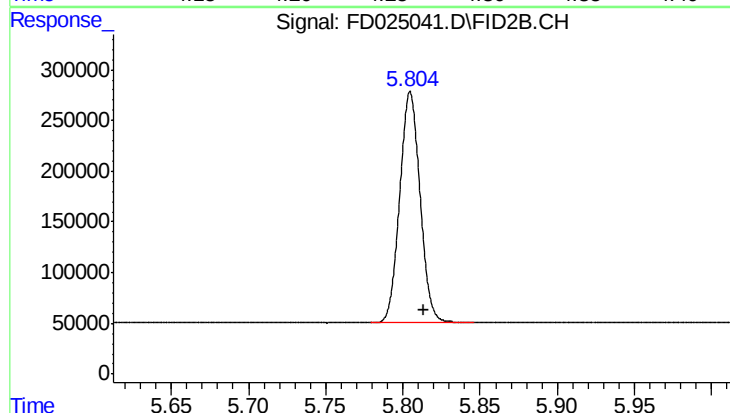
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Signal Info : 20M x 0.18mm x 0.18µm





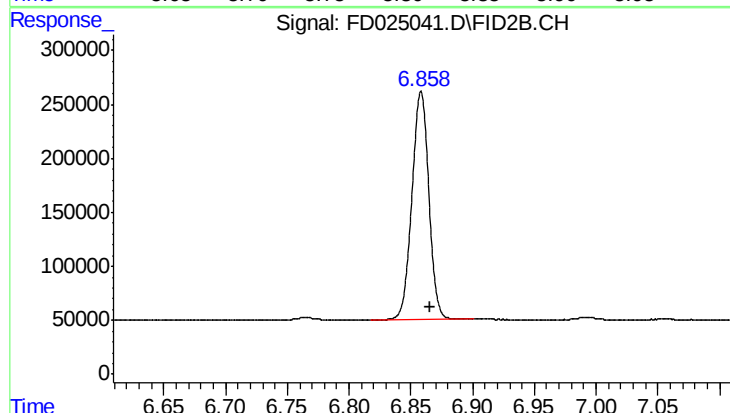
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.266 min
Delta R.T.: -0.010 min
Response: 1989108
Conc: 21.40 ug/ml



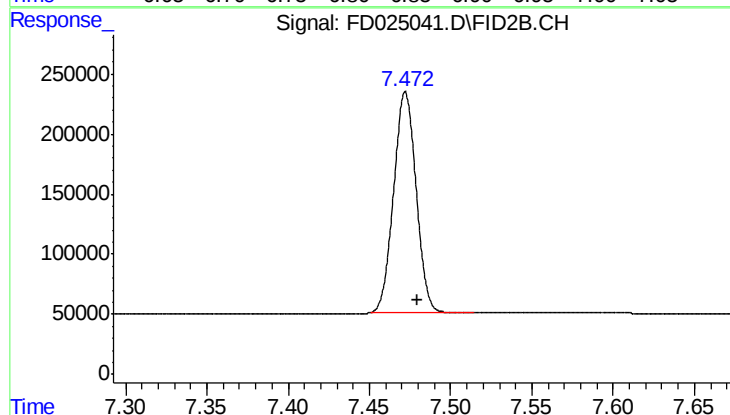
#2 Naphthalene (C11.7)

R.T.: 5.805 min
Delta R.T.: -0.009 min
Response: 2081699
Conc: 20.51 ug/ml



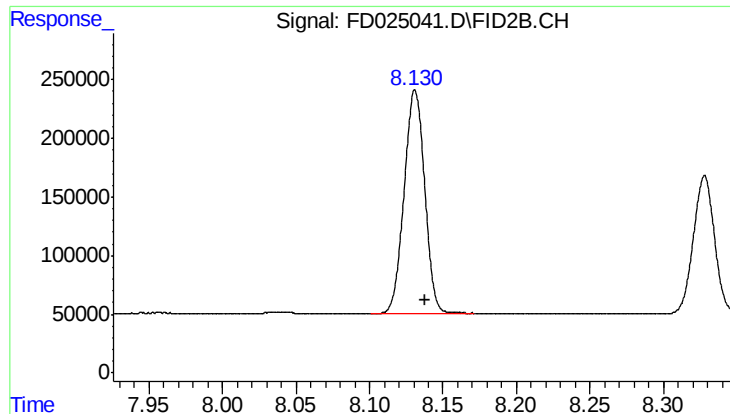
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.858 min
Delta R.T.: -0.007 min
Response: 2006707
Conc: 19.74 ug/ml



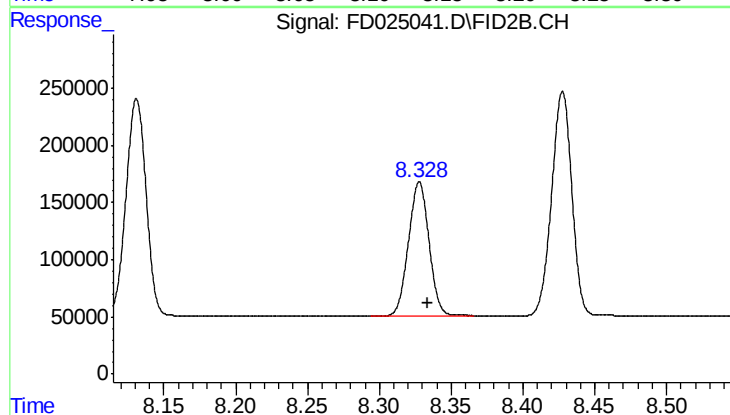
#4 2-Bromonaphthalene (SURR)

R.T.: 7.472 min
Delta R.T.: -0.007 min
Response: 1770753
Conc: 19.36 ug/ml



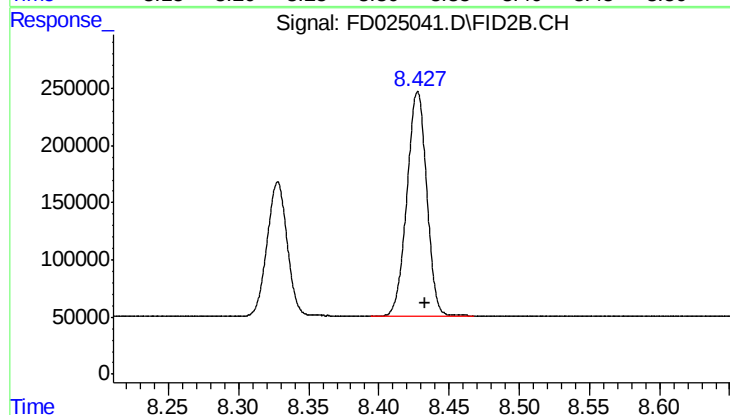
#5 Acenaphthylene (C15.06)

R.T.: 8.131 min
Delta R.T.: -0.006 min
Response: 1849783
Conc: 18.53 ug/ml



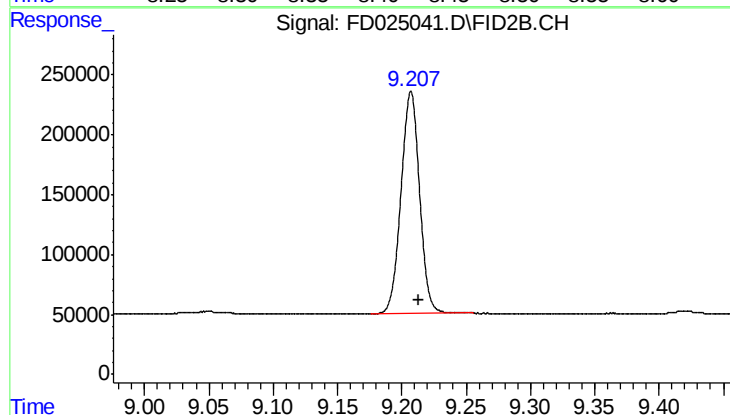
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.328 min
Delta R.T.: -0.006 min
Response: 1164771
Conc: 18.37 ug/ml



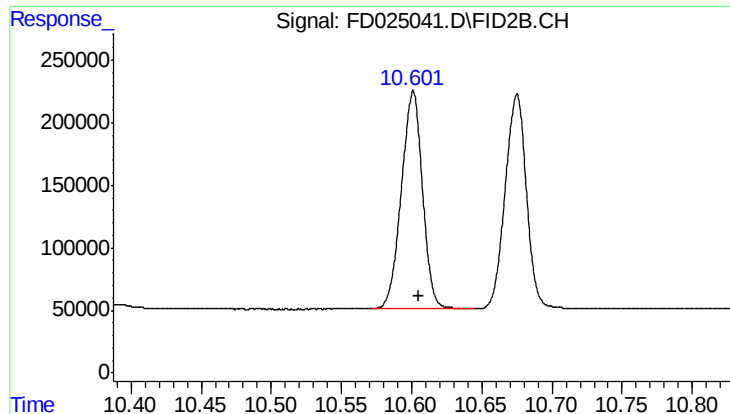
#7 Acenaphthene (C15.5)

R.T.: 8.428 min
Delta R.T.: -0.006 min
Response: 1922130
Conc: 18.40 ug/ml



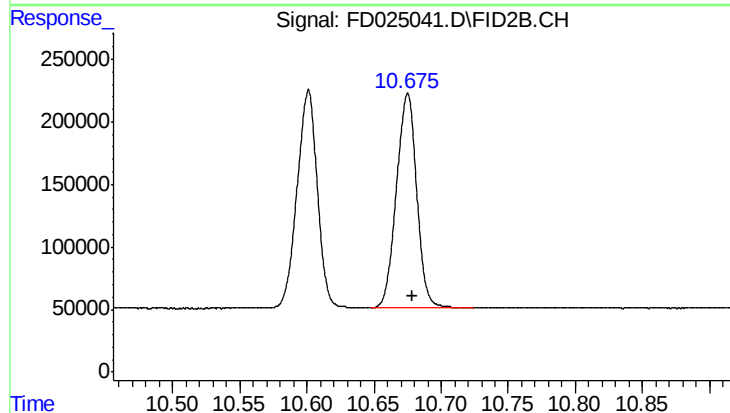
#8 Fluorene (C16.55)

R.T.: 9.207 min
Delta R.T.: -0.005 min
Response: 1869770
Conc: 17.90 ug/ml



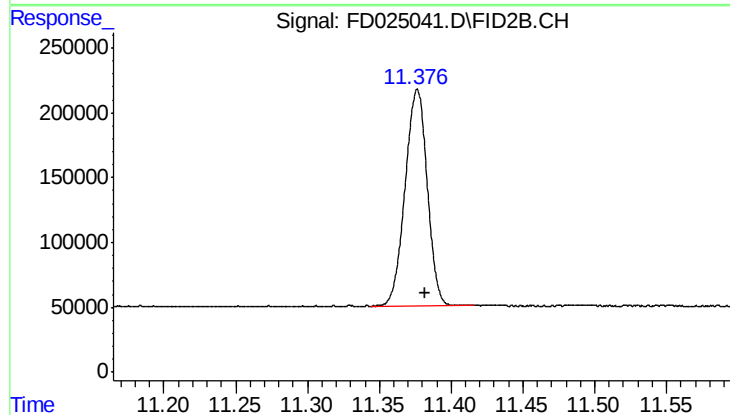
#9 Phenanthrene (C19.36)

R.T.: 10.601 min
Delta R.T.: -0.004 min
Response: 1815767
Conc: 17.66 ug/ml



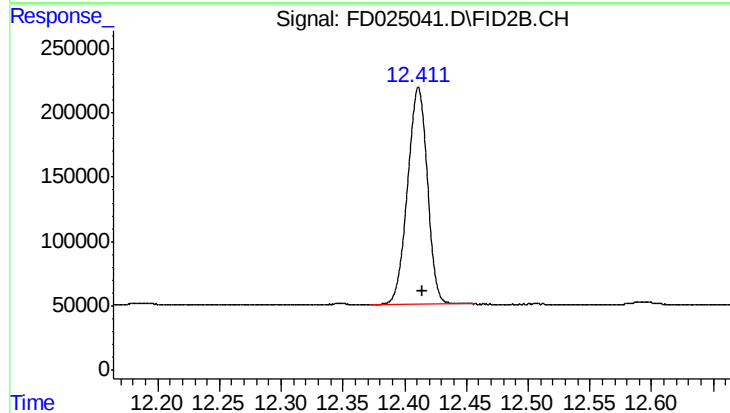
#10 Anthracene (C19.43)

R.T.: 10.675 min
Delta R.T.: -0.004 min
Response: 1804103
Conc: 17.70 ug/ml



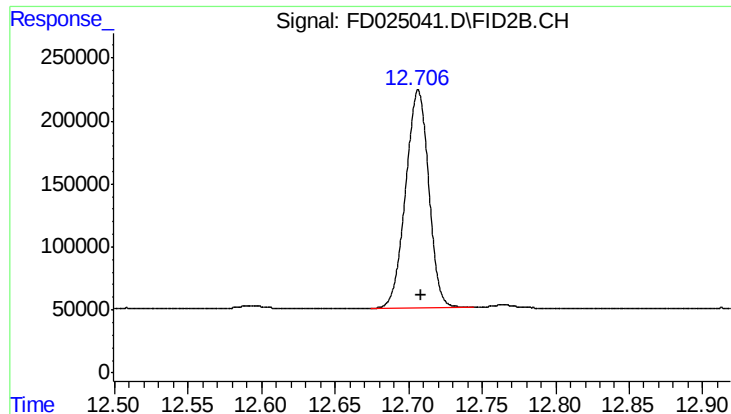
#11 ortho-Terphenyl (SURR)

R.T.: 11.377 min
Delta R.T.: -0.005 min
Response: 1790044
Conc: 17.84 ug/ml



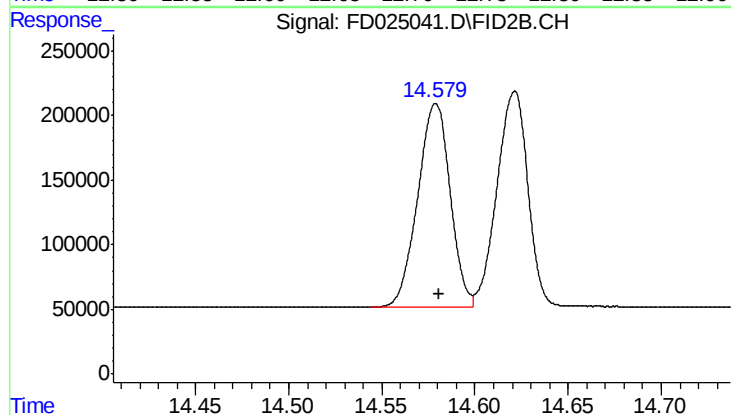
#12 Fluoranthene (C21.85)

R.T.: 12.411 min
Delta R.T.: -0.003 min
Response: 1879427
Conc: 18.85 ug/ml



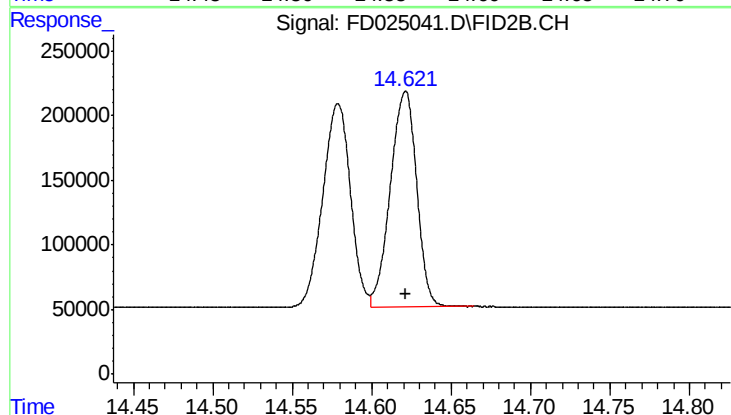
#13 Pyrene (C20.8)

R.T.: 12.707 min
Delta R.T.: -0.002 min
Response: 1890941
Conc: 19.02 ug/ml



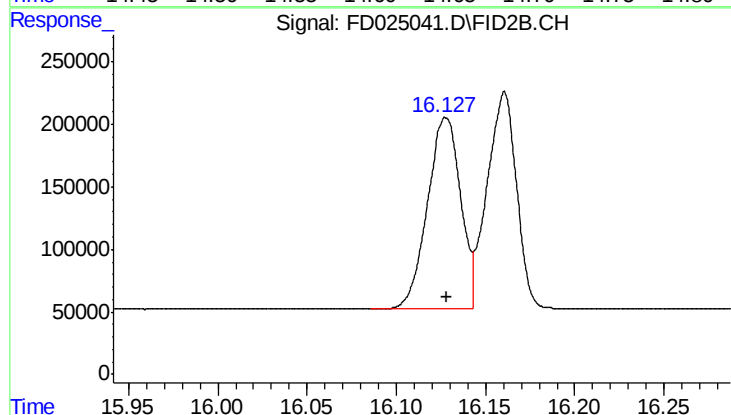
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.579 min
Delta R.T.: -0.002 min
Response: 1911128
Conc: 20.36 ug/ml



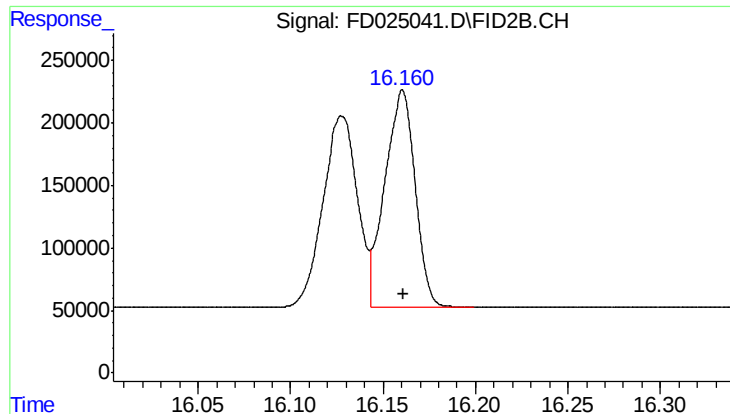
#15 Chrysene (C27.41)

R.T.: 14.621 min
Delta R.T.: 0.000 min
Response: 1924125
Conc: 20.34 ug/ml



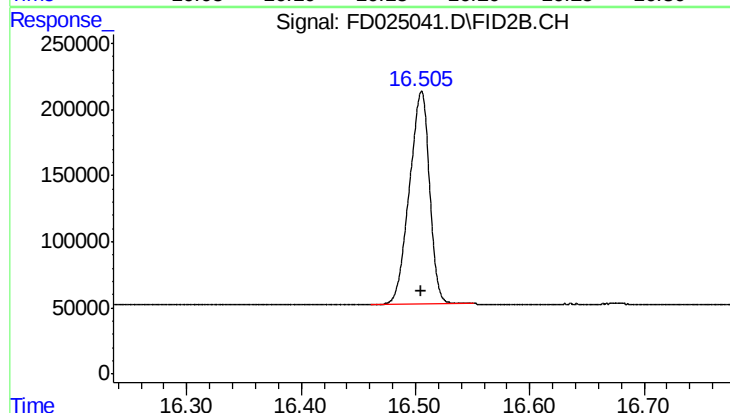
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.128 min
Delta R.T.: 0.000 min
Response: 1982700
Conc: 19.17 ug/ml



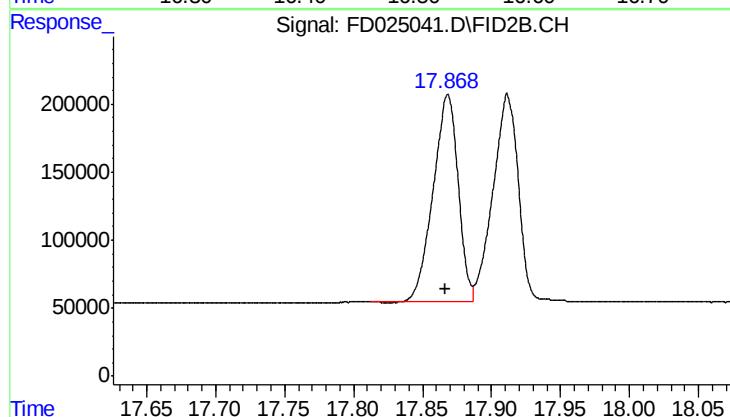
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.161 min
Delta R.T.: 0.000 min
Response: 1985985
Conc: 18.82 ug/ml



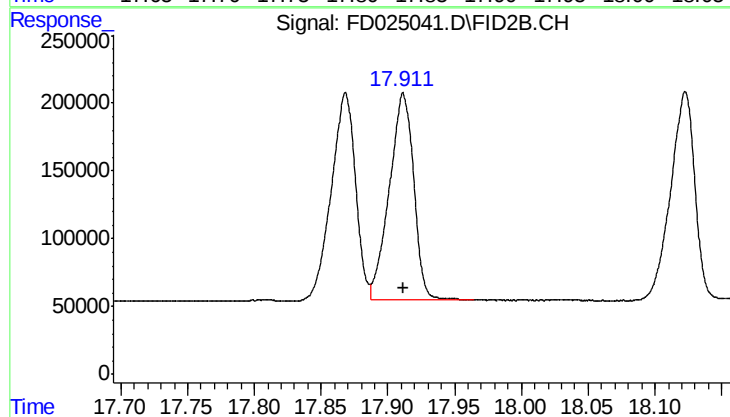
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.505 min
Delta R.T.: 0.000 min
Response: 1969618
Conc: 18.95 ug/ml



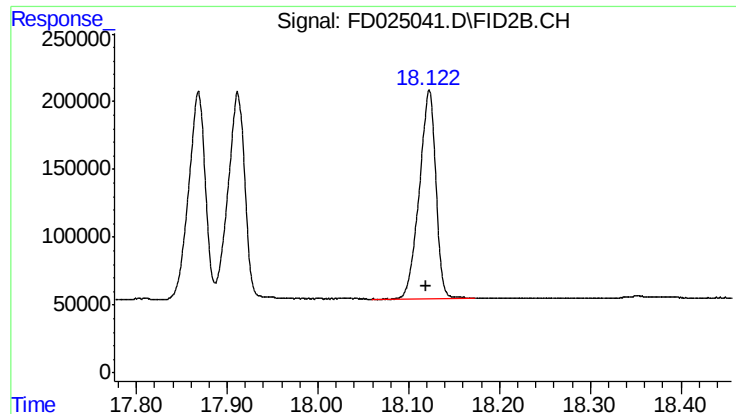
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.868 min
Delta R.T.: 0.001 min
Response: 1926776
Conc: 18.08 ug/ml



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

R.T.: 17.912 min
Delta R.T.: 0.000 min
Response: 1950320
Conc: 18.65 ug/ml



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

R.T.: 18.123 min
Delta R.T.: 0.004 min
Response: 1938066
Conc: 18.25 ug/ml