

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071618AR\
 Data File : FD025046.D
 Signal(s) : FID2B.CH
 Acq On : 16 Jul 2018 14:53
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 17 01:17:47 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	1697322	18.554 ug/ml
Spiked Amount 50.000		Recovery =	37.11%
6) S 2-Fluorobiphenyl (SURR)	8.327	1121386	17.681 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.36%
11) S ortho-Terphenyl (SURR)	11.374	1740288	17.341 ug/ml
Spiked Amount 50.000		Recovery =	34.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.268	1959045	21.079 ug/ml
2) T Naphthalene (C11.7)	5.806	2019887	19.906 ug/ml
3) T 2-Methylnaphthalene (...)	6.858	1940621	19.087 ug/ml
5) T Acenaphthylene (C15.06)	8.130	1782768	17.855 ug/ml
7) T Acenaphthene (C15.5)	8.426	1851242	17.722 ug/ml
8) T Flouorene (C16.55)	9.207	1796693	17.196 ug/ml
9) T Phenanthrene (C19.36)	10.599	1768000	17.196 ug/ml
10) T Anthracene (C19.43)	10.673	1753909	17.203 ug/ml
12) T Fluoranthene (C21.85)	12.409	1859241	18.646 ug/ml
13) T Pyrene (C20.8)	12.705	1887360	18.980 ug/ml
14) T Benzo[a]anthracene (C...	14.577	1932684	20.587 ug/ml
15) T Chrysene (C27.41)	14.619	1946077	20.571 ug/ml
16) T benzo[b]fluoranthene ...	16.127	2005832	19.397 ug/ml
17) T Bnezo[k]fluoranthene ...	16.159	2005844	19.008 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.503	1994903	19.197 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.867	1961820	18.406 ug/ml
20) T Dibenz[a,h]anthracene...	17.910	1987767	19.005 ug/ml
21) T Benzo[g,h,i]perylene ...	18.121	1962257	18.474 ug/ml

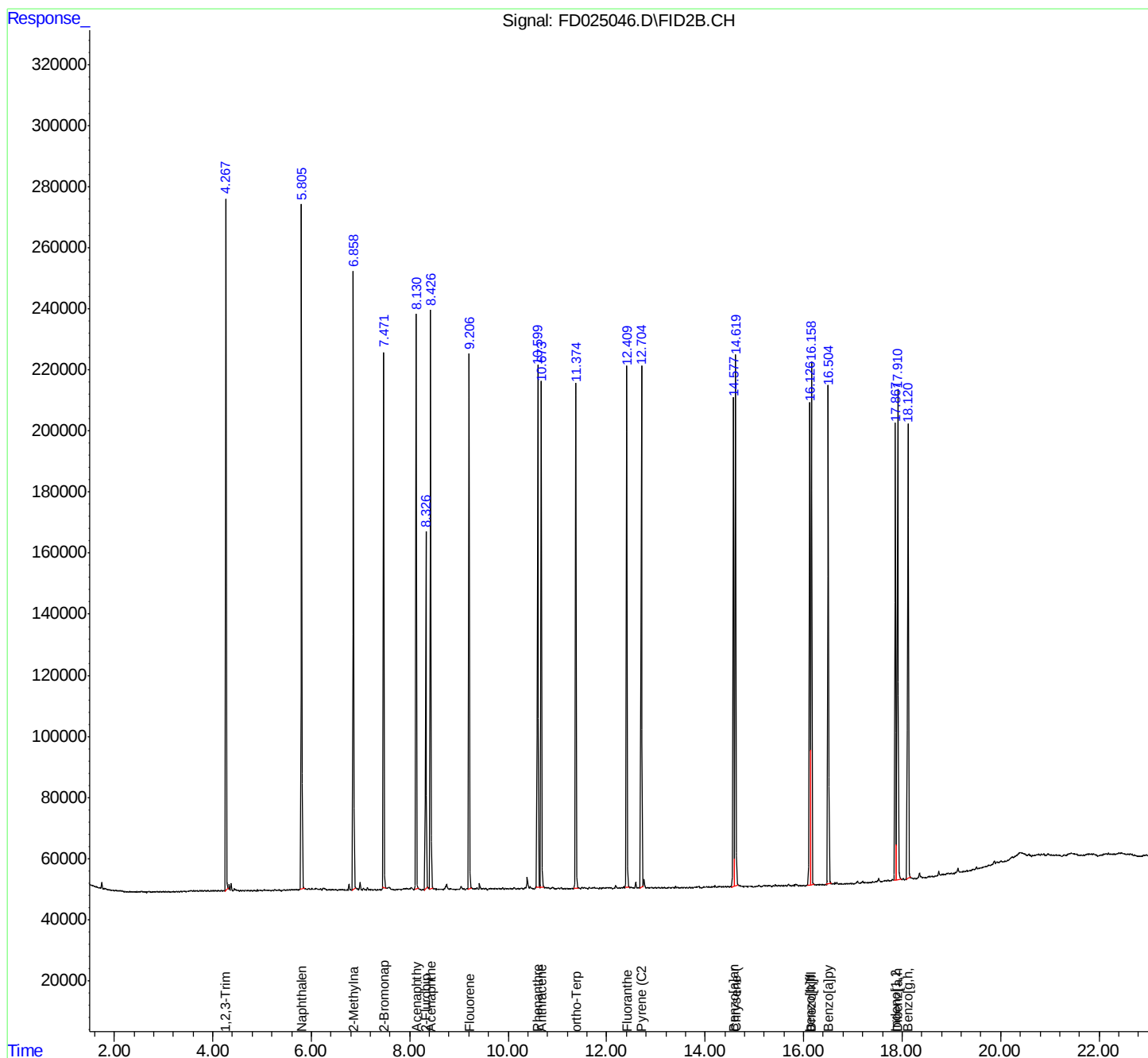
(f)=RT Delta > 1/2 Window

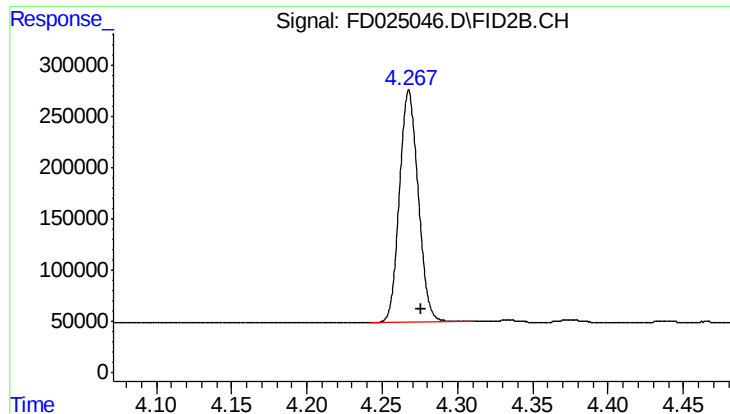
(m)=manual int.

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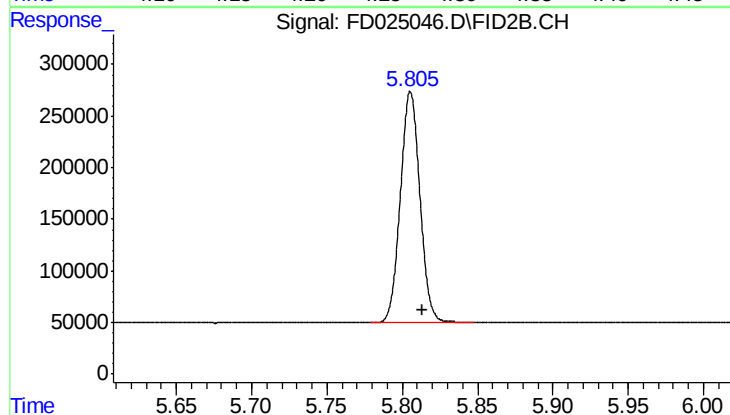
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Signal Info : 20M x 0.18mm x 0.18µm





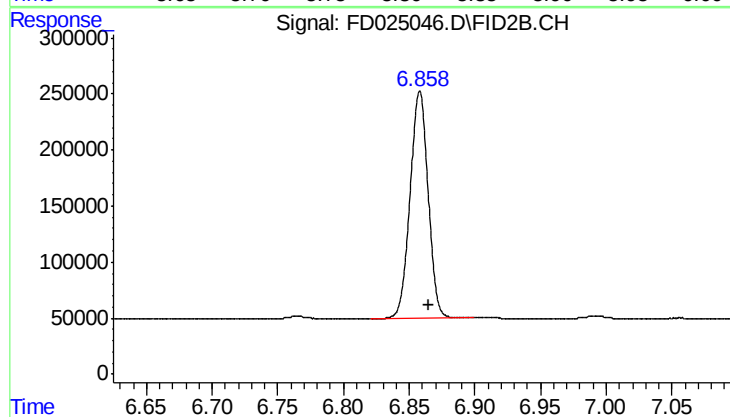
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.268 min
Delta R.T.: -0.008 min
Response: 1959045
Conc: 21.08 ug/ml



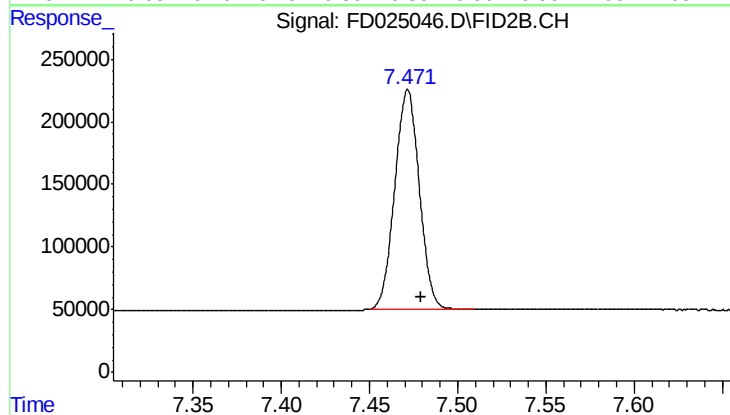
#2 Naphthalene (C11.7)

R.T.: 5.806 min
Delta R.T.: -0.008 min
Response: 2019887
Conc: 19.91 ug/ml



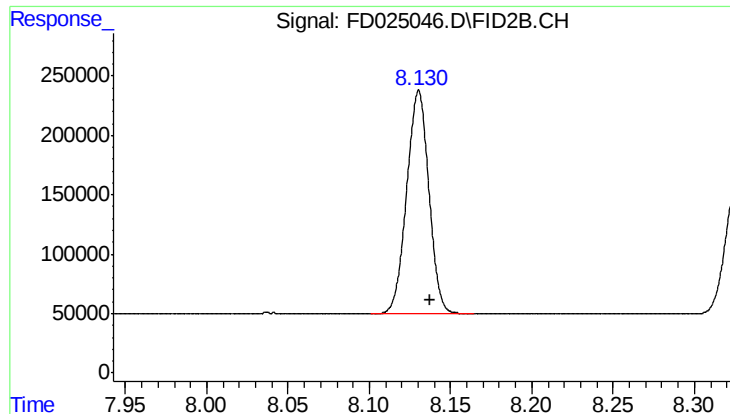
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.858 min
Delta R.T.: -0.007 min
Response: 1940621
Conc: 19.09 ug/ml



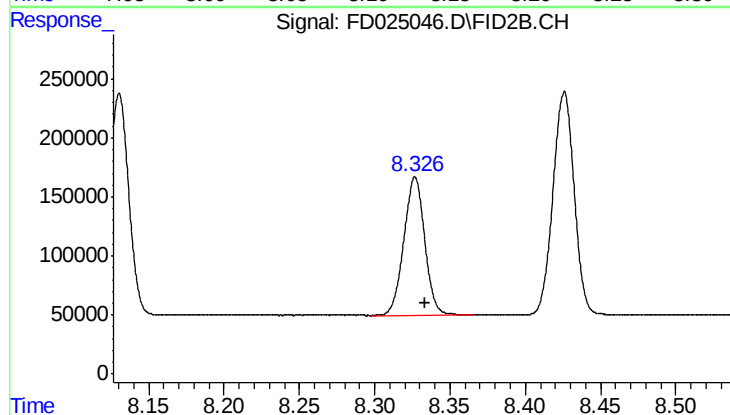
#4 2-Bromonaphthalene (SURR)

R.T.: 7.472 min
Delta R.T.: -0.008 min
Response: 1697322
Conc: 18.55 ug/ml



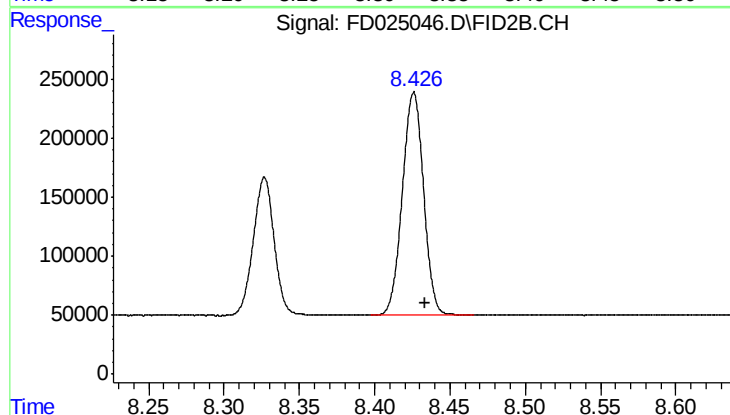
#5 Acenaphthylene (C15.06)

R.T.: 8.130 min
Delta R.T.: -0.007 min
Response: 1782768
Conc: 17.85 ug/ml



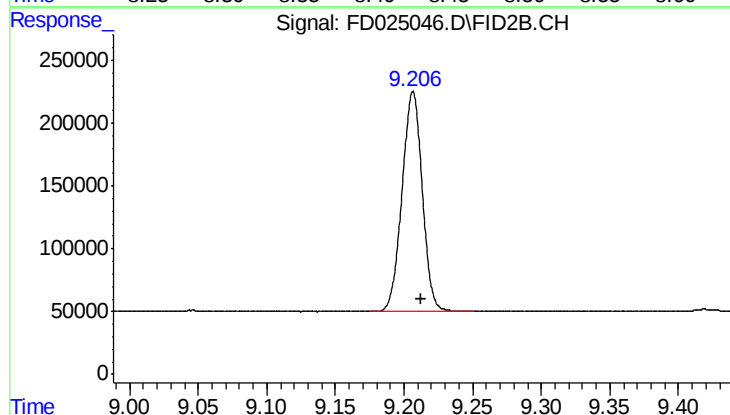
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.327 min
Delta R.T.: -0.007 min
Response: 1121386
Conc: 17.68 ug/ml



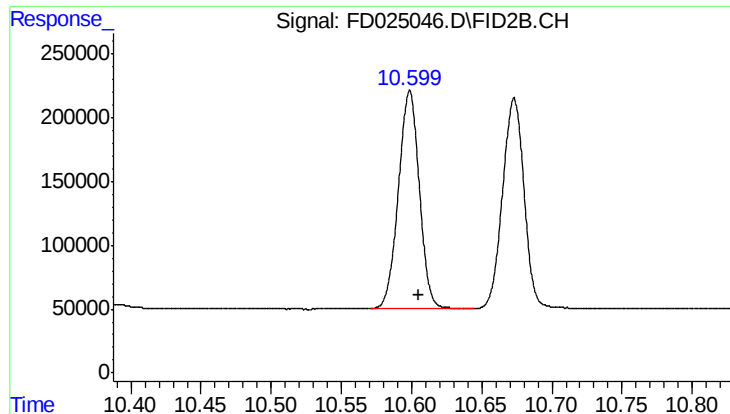
#7 Acenaphthene (C15.5)

R.T.: 8.426 min
Delta R.T.: -0.007 min
Response: 1851242
Conc: 17.72 ug/ml



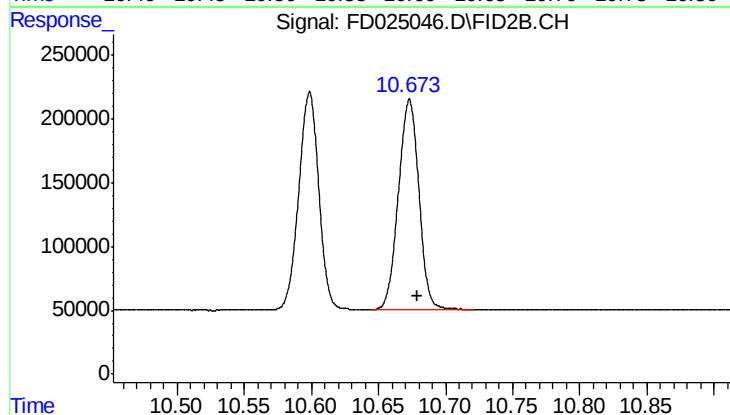
#8 Fluorene (C16.55)

R.T.: 9.207 min
Delta R.T.: -0.006 min
Response: 1796693
Conc: 17.20 ug/ml



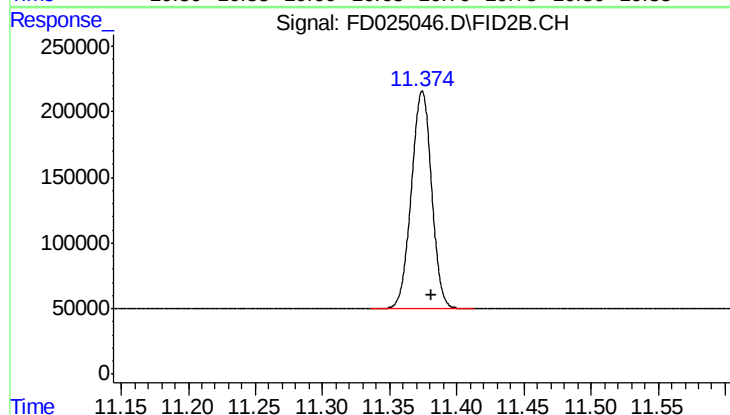
#9 Phenanthrene (C19.36)

R.T.: 10.599 min
Delta R.T.: -0.007 min
Response: 1768000
Conc: 17.20 ug/ml



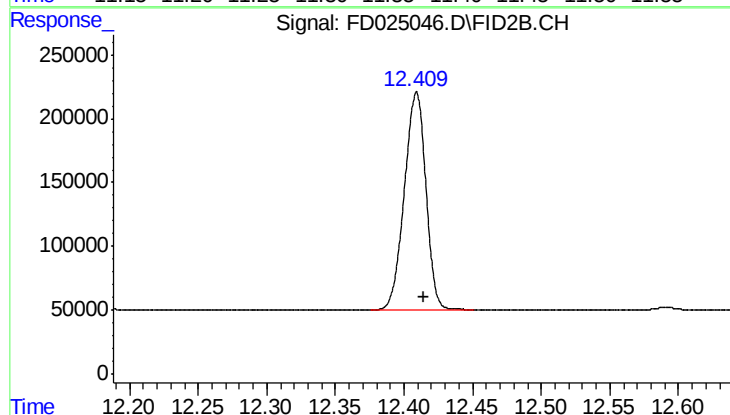
#10 Anthracene (C19.43)

R.T.: 10.673 min
Delta R.T.: -0.006 min
Response: 1753909
Conc: 17.20 ug/ml



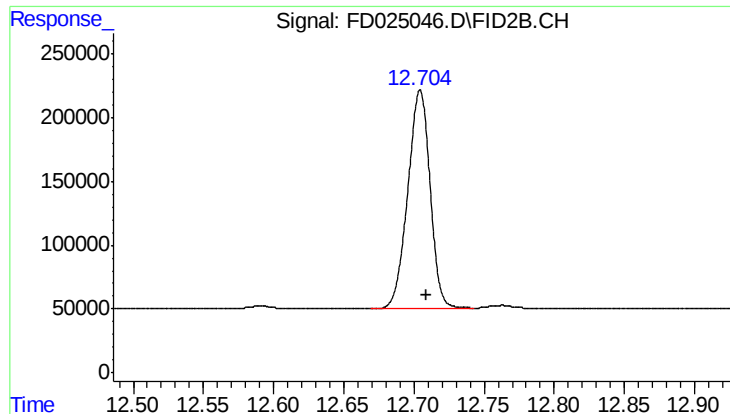
#11 ortho-Terphenyl (SURR)

R.T.: 11.374 min
Delta R.T.: -0.007 min
Response: 1740288
Conc: 17.34 ug/ml



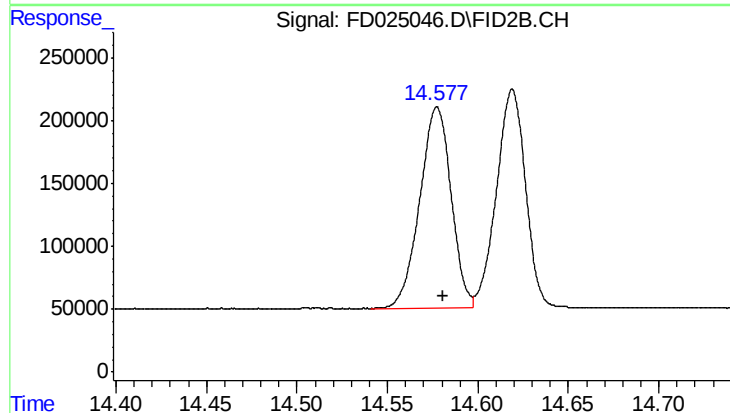
#12 Fluoranthene (C21.85)

R.T.: 12.409 min
Delta R.T.: -0.005 min
Response: 1859241
Conc: 18.65 ug/ml



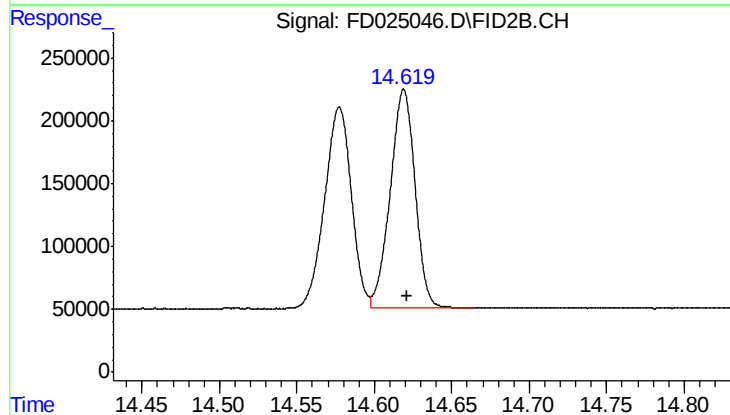
#13 Pyrene (C20.8)

R.T.: 12.705 min
Delta R.T.: -0.004 min
Response: 1887360
Conc: 18.98 ug/ml



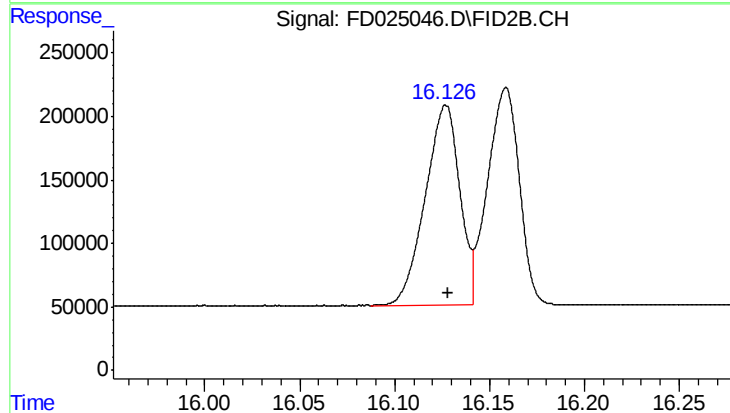
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.577 min
Delta R.T.: -0.003 min
Response: 1932684
Conc: 20.59 ug/ml



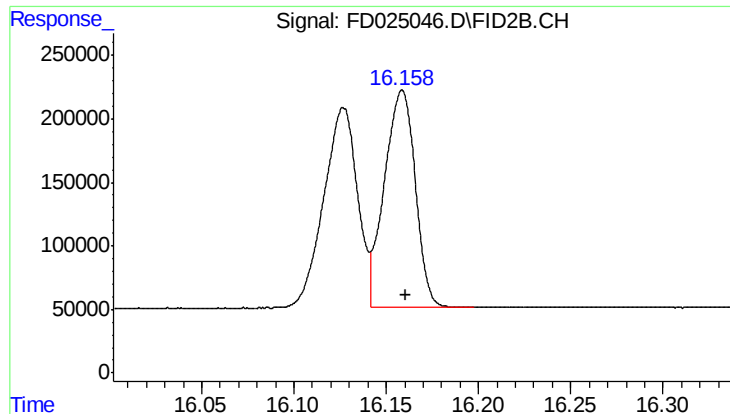
#15 Chrysene (C27.41)

R.T.: 14.619 min
Delta R.T.: -0.002 min
Response: 1946077
Conc: 20.57 ug/ml



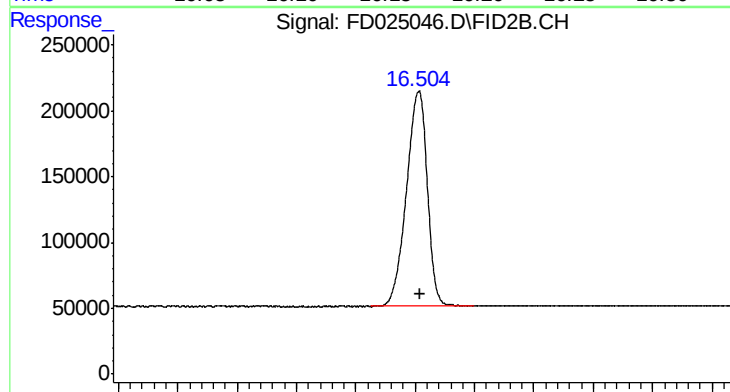
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.127 min
Delta R.T.: -0.001 min
Response: 2005832
Conc: 19.40 ug/ml



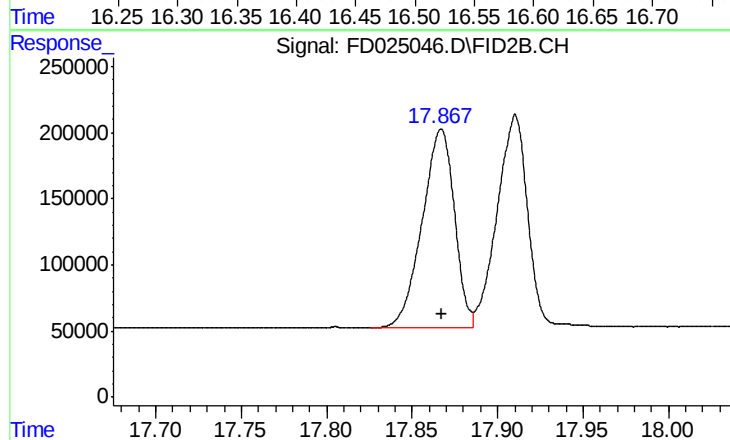
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.159 min
Delta R.T.: -0.002 min
Response: 2005844
Conc: 19.01 ug/ml



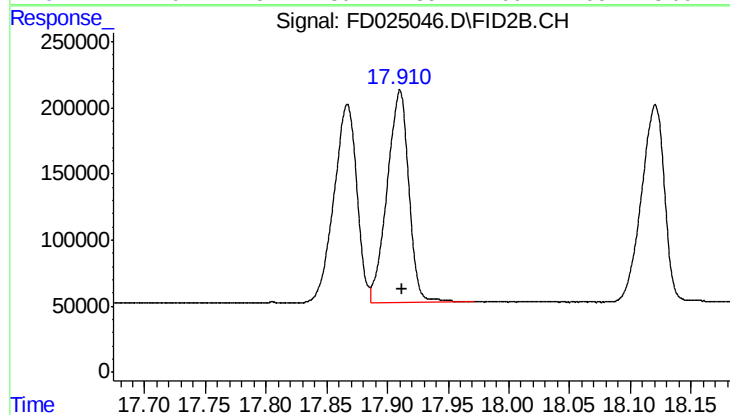
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.503 min
Delta R.T.: -0.001 min
Response: 1994903
Conc: 19.20 ug/ml



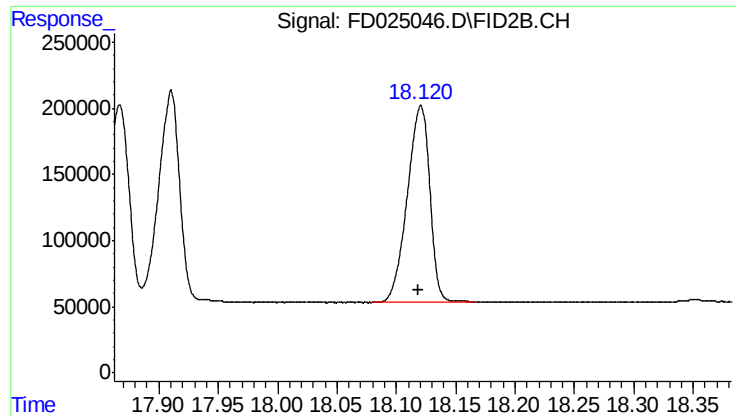
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.867 min
Delta R.T.: 0.000 min
Response: 1961820
Conc: 18.41 ug/ml



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

R.T.: 17.910 min
Delta R.T.: -0.001 min
Response: 1987767
Conc: 19.01 ug/ml



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

R.T.: 18.121 min
Delta R.T.: 0.002 min
Response: 1962257
Conc: 18.47 ug/ml