

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071718AR\
 Data File : FD025093.D
 Signal(s) : FID2B.CH
 Acq On : 18 Jul 2018 5:12
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 18 10:34:42 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	1673500	18.294 ug/ml
Spiked Amount 50.000		Recovery =	36.59%
6) S 2-Fluorobiphenyl (SURR)	8.327	1119813	17.656 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.31%
11) S ortho-Terphenyl (SURR)	11.376	1843217	18.367 ug/ml
Spiked Amount 50.000		Recovery =	36.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.266	1987323	21.383 ug/ml
2) T Naphthalene (C11.7)	5.805	1990740	19.618 ug/ml
3) T 2-Methylnaphthalene (...)	6.857	1896522	18.653 ug/ml
5) T Acenaphthylene (C15.06)	8.131	1769902	17.726 ug/ml
7) T Acenaphthene (C15.5)	8.426	1841438	17.628 ug/ml
8) T Flouorene (C16.55)	9.207	1831589	17.530 ug/ml
9) T Phenanthrene (C19.36)	10.601	1900582	18.485 ug/ml
10) T Anthracene (C19.43)	10.675	1887539	18.514 ug/ml
12) T Fluoranthene (C21.85)	12.411	2061748	20.677 ug/ml
13) T Pyrene (C20.8)	12.706	2085727	20.975 ug/ml
14) T Benzo[a]anthracene (C...	14.579	2102477	22.395 ug/ml
15) T Chrysene (C27.41)	14.622	2110001	22.304 ug/ml
16) T benzo[b]fluoranthene ...	16.128	2165413	20.940 ug/ml
17) T Bnezo[k]fluoranthene ...	16.161	2173095	20.593 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.505	2147376	20.664 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.869	2043424	19.171 ug/ml
20) T Dibenz[a,h]anthracene...	17.911	2020049	19.314 ug/ml
21) T Benzo[g,h,i]perylene ...	18.122	2104546	19.814 ug/ml

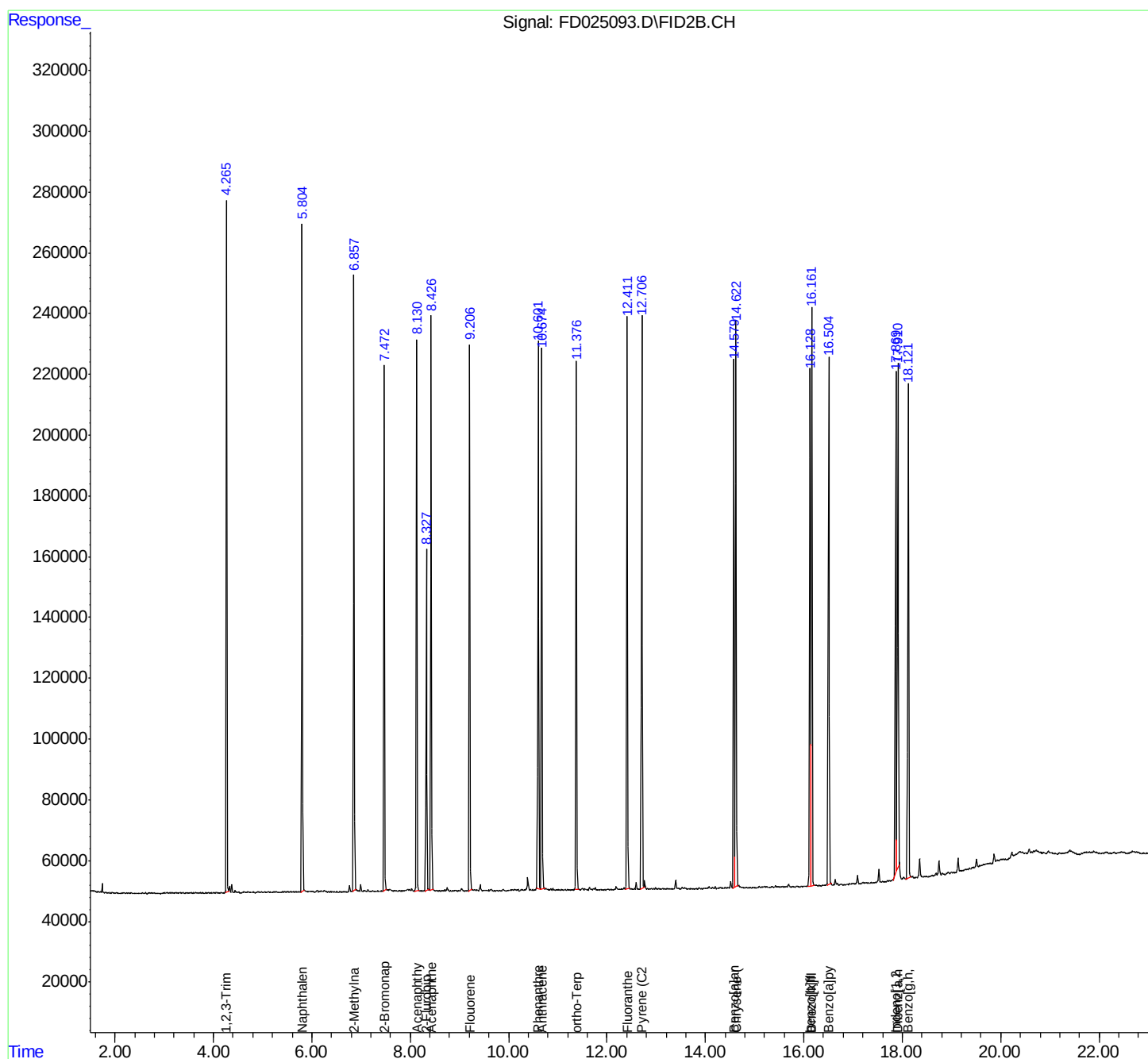
(f)=RT Delta > 1/2 Window

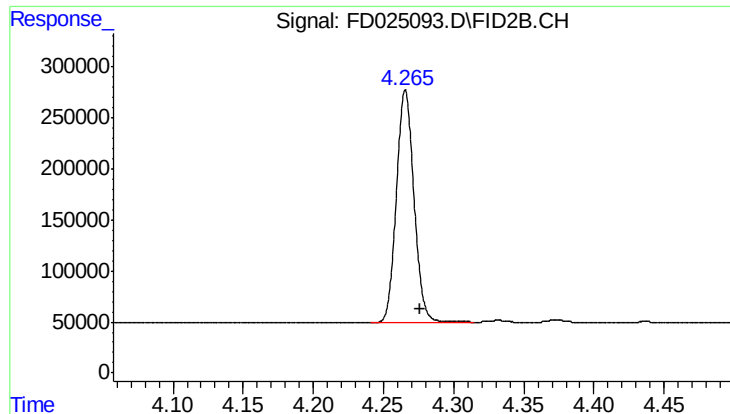
(m)=manual int.

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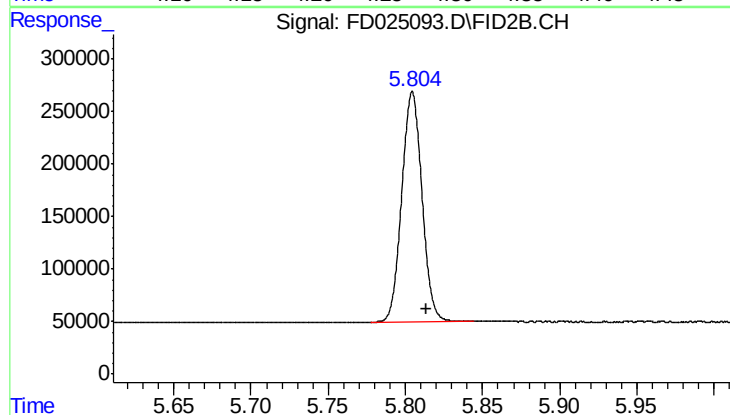
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Signal Info : 20M x 0.18mm x 0.18µm





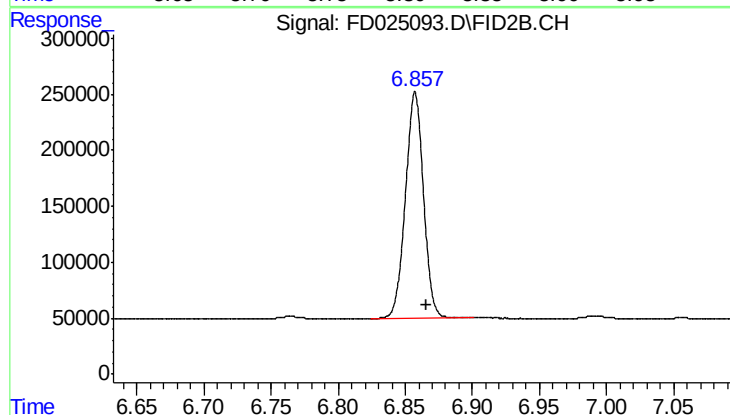
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.266 min
Delta R.T.: -0.011 min
Response: 1987323
Conc: 21.38 ug/ml



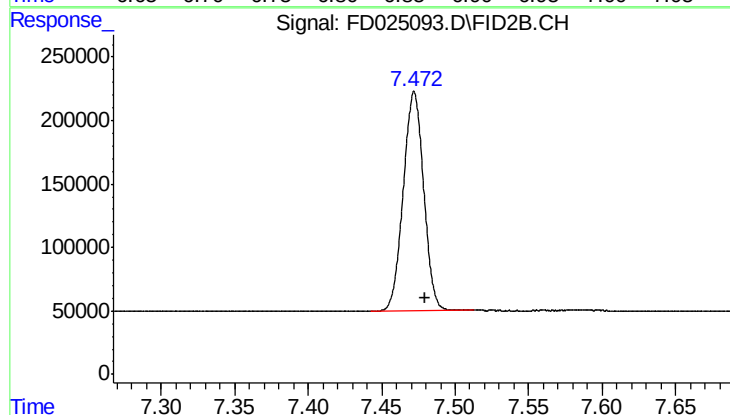
#2 Naphthalene (C11.7)

R.T.: 5.805 min
Delta R.T.: -0.009 min
Response: 1990740
Conc: 19.62 ug/ml



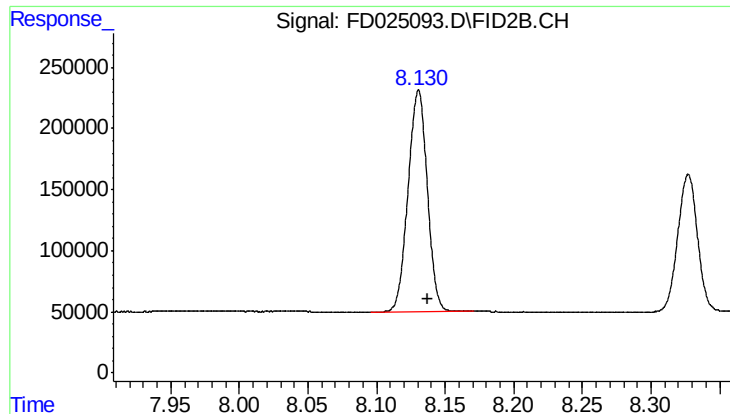
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.857 min
Delta R.T.: -0.008 min
Response: 1896522
Conc: 18.65 ug/ml



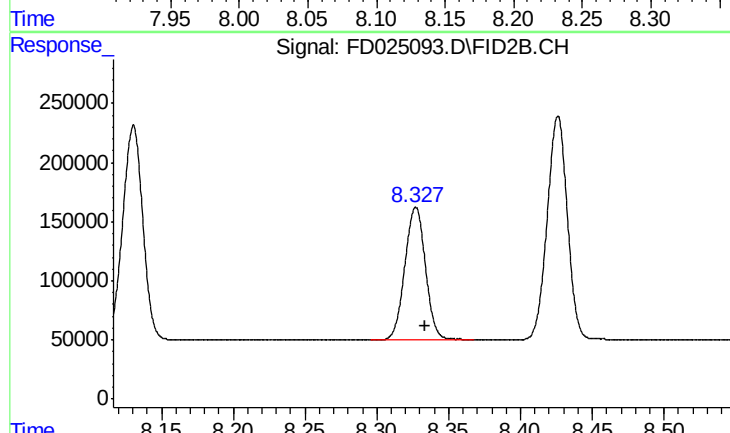
#4 2-Bromonaphthalene (SURR)

R.T.: 7.472 min
Delta R.T.: -0.007 min
Response: 1673500
Conc: 18.29 ug/ml



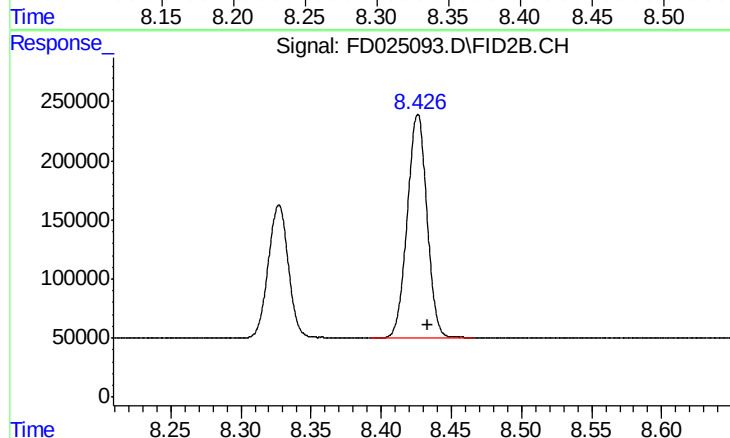
#5 Acenaphthylene (C15.06)

R.T.: 8.131 min
Delta R.T.: -0.007 min
Response: 1769902
Conc: 17.73 ug/ml



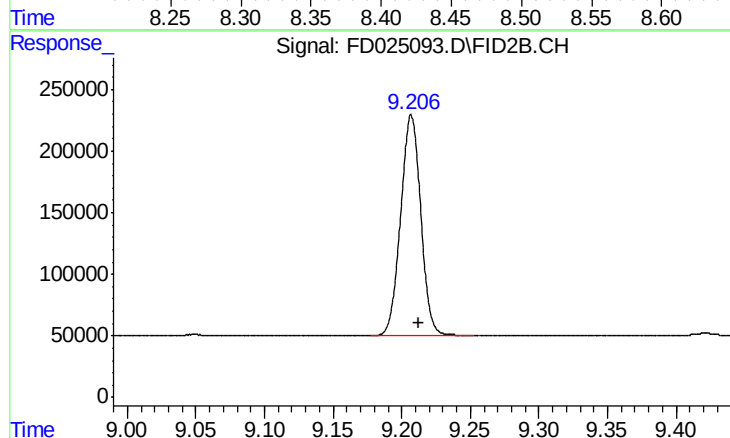
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.327 min
Delta R.T.: -0.006 min
Response: 1119813
Conc: 17.66 ug/ml



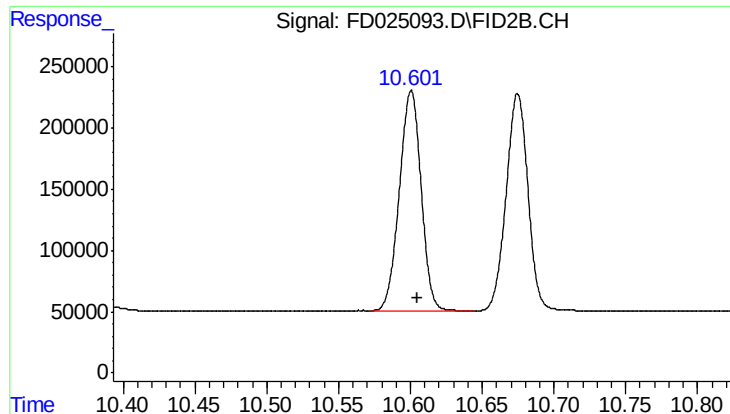
#7 Acenaphthene (C15.5)

R.T.: 8.426 min
Delta R.T.: -0.007 min
Response: 1841438
Conc: 17.63 ug/ml



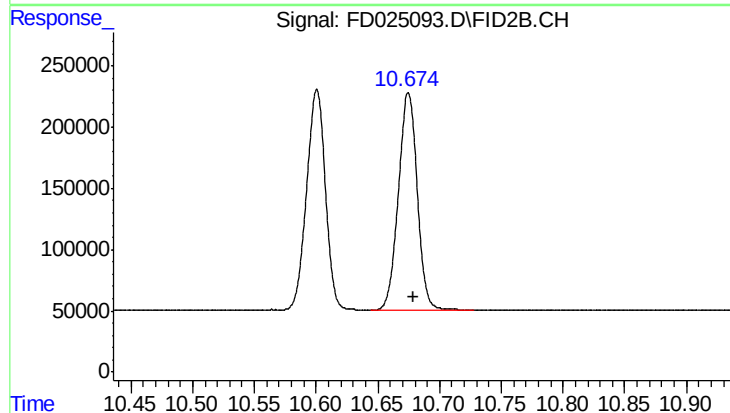
#8 Fluorene (C16.55)

R.T.: 9.207 min
Delta R.T.: -0.006 min
Response: 1831589
Conc: 17.53 ug/ml



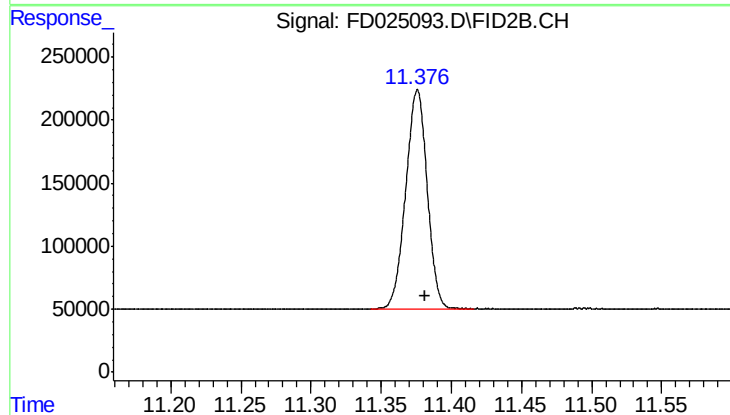
#9 Phenanthrene (C19.36)

R.T.: 10.601 min
Delta R.T.: -0.005 min
Response: 1900582
Conc: 18.49 ug/ml



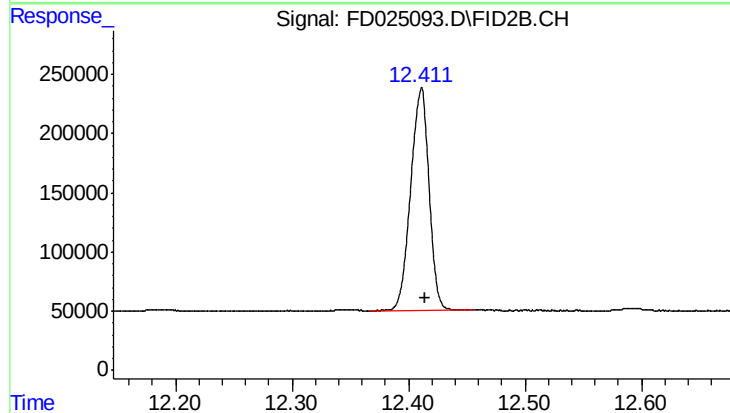
#10 Anthracene (C19.43)

R.T.: 10.675 min
Delta R.T.: -0.004 min
Response: 1887539
Conc: 18.51 ug/ml



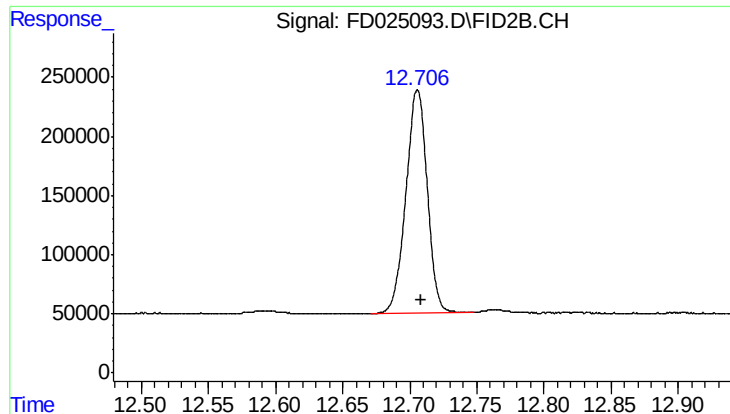
#11 ortho-Terphenyl (SURR)

R.T.: 11.376 min
Delta R.T.: -0.006 min
Response: 1843217
Conc: 18.37 ug/ml



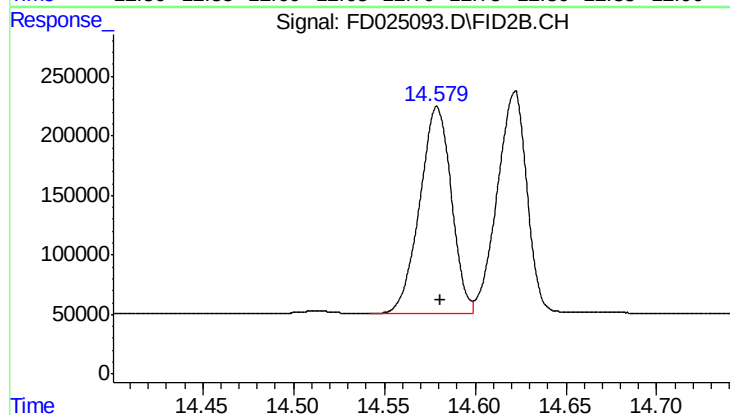
#12 Fluoranthene (C21.85)

R.T.: 12.411 min
Delta R.T.: -0.003 min
Response: 2061748
Conc: 20.68 ug/ml



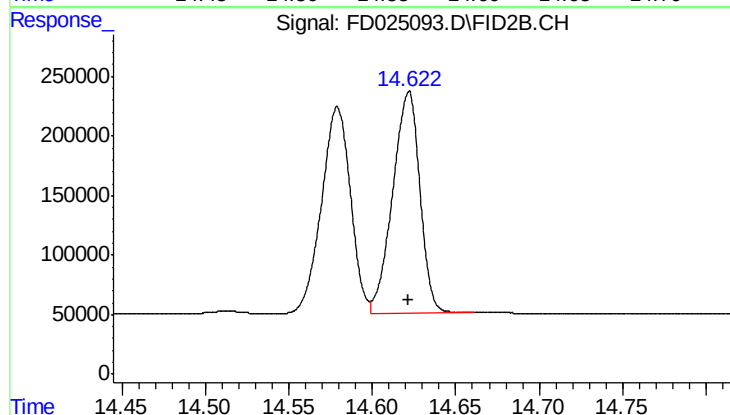
#13 Pyrene (C20.8)

R.T.: 12.706 min
Delta R.T.: -0.003 min
Response: 2085727
Conc: 20.97 ug/ml



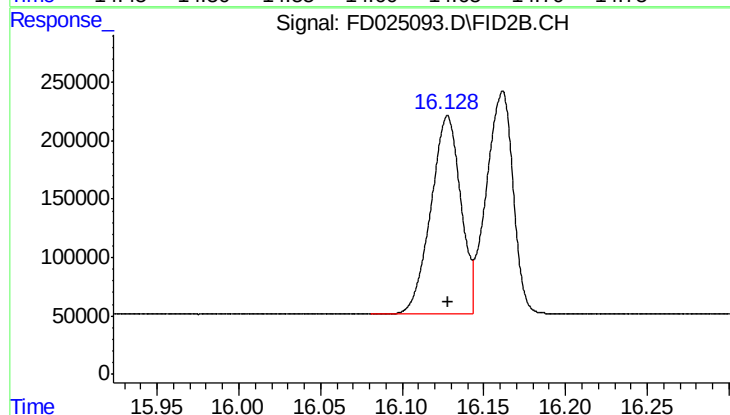
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.579 min
Delta R.T.: -0.002 min
Response: 2102477
Conc: 22.40 ug/ml



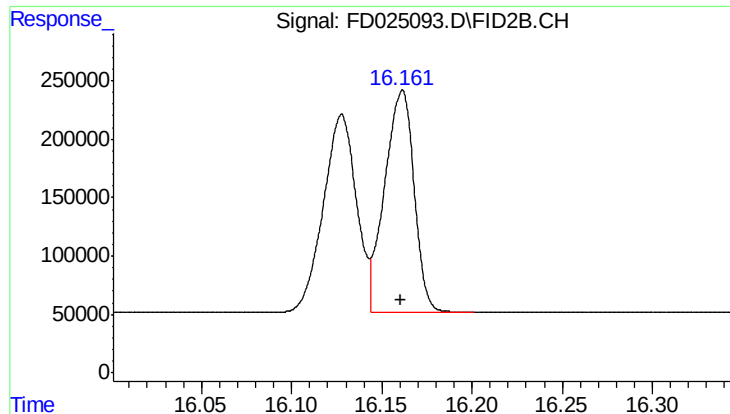
#15 Chrysene (C27.41)

R.T.: 14.622 min
Delta R.T.: 0.000 min
Response: 2110001
Conc: 22.30 ug/ml



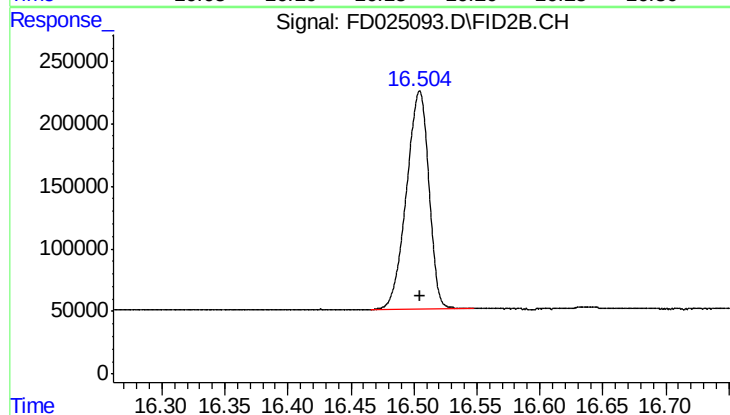
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.128 min
Delta R.T.: 0.000 min
Response: 2165413
Conc: 20.94 ug/ml



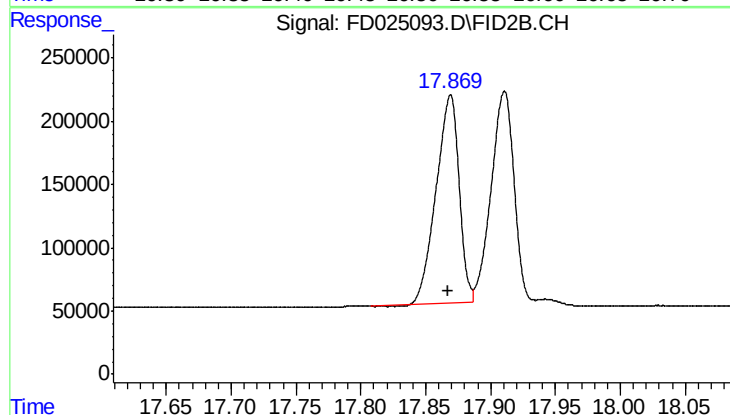
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.161 min
Delta R.T.: 0.000 min
Response: 2173095
Conc: 20.59 ug/ml



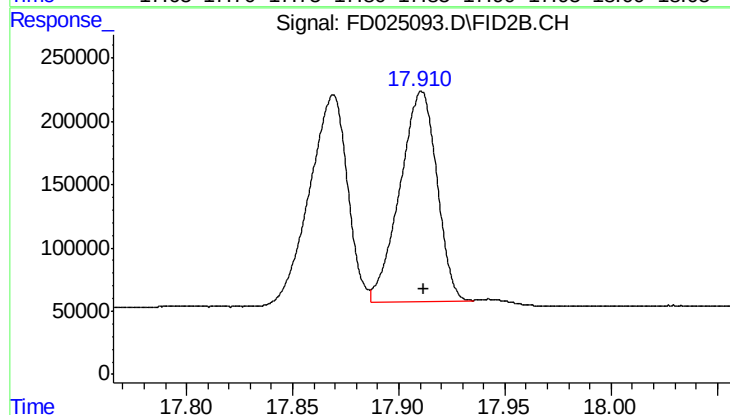
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.505 min
Delta R.T.: 0.000 min
Response: 2147376
Conc: 20.66 ug/ml



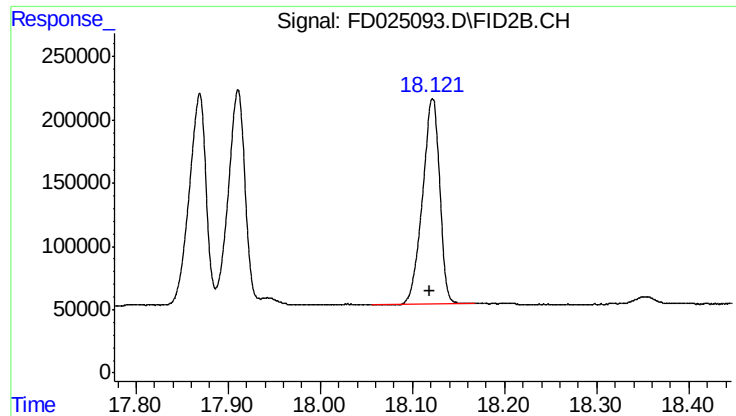
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.869 min
Delta R.T.: 0.002 min
Response: 2043424
Conc: 19.17 ug/ml



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

R.T.: 17.911 min
Delta R.T.: 0.000 min
Response: 2020049
Conc: 19.31 ug/ml



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

R.T.: 18.122 min
Delta R.T.: 0.003 min
Response: 2104546
Conc: 19.81 ug/ml