

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081718AR\
 Data File : FD025414.D
 Signal(s) : FID2B.CH
 Acq On : 18 Aug 2018 8:41
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 20 03:35:07 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072018.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 21 00:37:31 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...	7.436	1597554	20.695 ug/ml
Spiked Amount 50.000		Recovery =	41.39%
6) S 2-Fluorobiphenyl (SURR)	8.290	1115548	20.747 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.49%
11) S ortho-Terphenyl (SURR)	11.335	1825419	21.510 ug/ml
Spiked Amount 50.000		Recovery =	43.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.235	1635638	20.942 ug/ml
2) T Naphthalene (C11.7)	5.771	1806521	20.969 ug/ml
3) T 2-Methylnaphthalene (...)	6.823	1795800	20.886 ug/ml
5) T Acenaphthylene (C15.06)	8.094	1756698	20.682 ug/ml
7) T Acenaphthene (C15.5)	8.390	1838162	20.645 ug/ml
8) T Flouorene (C16.55)	9.168	1833537	20.587 ug/ml
9) T Phenanthrene (C19.36)	10.559	1896688	21.177 ug/ml
10) T Anthracene (C19.43)	10.634	1857997	21.100 ug/ml
12) T Fluoranthene (C21.85)	12.367	2005617	22.828 ug/ml
13) T Pyrene (C20.8)	12.662	2030008	23.100 ug/ml
14) T Benzo[a]anthracene (C...	14.532	2040773	24.469 ug/ml
15) T Chrysene (C27.41)	14.573	2048235	24.314 ug/ml
16) T benzo[b]fluoranthene ...	16.077	2114219	23.499 ug/ml
17) T Bnezo[k]fluoranthene ...	16.111	2107463	23.407 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.454	2099518	22.810 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.816	2038408	21.606 ug/ml
20) T Dibenz[a,h]anthracene...	17.859	1980727	21.644 ug/ml
21) T Benzo[g,h,i]perylene ...	18.069	2113290	21.815 ug/ml

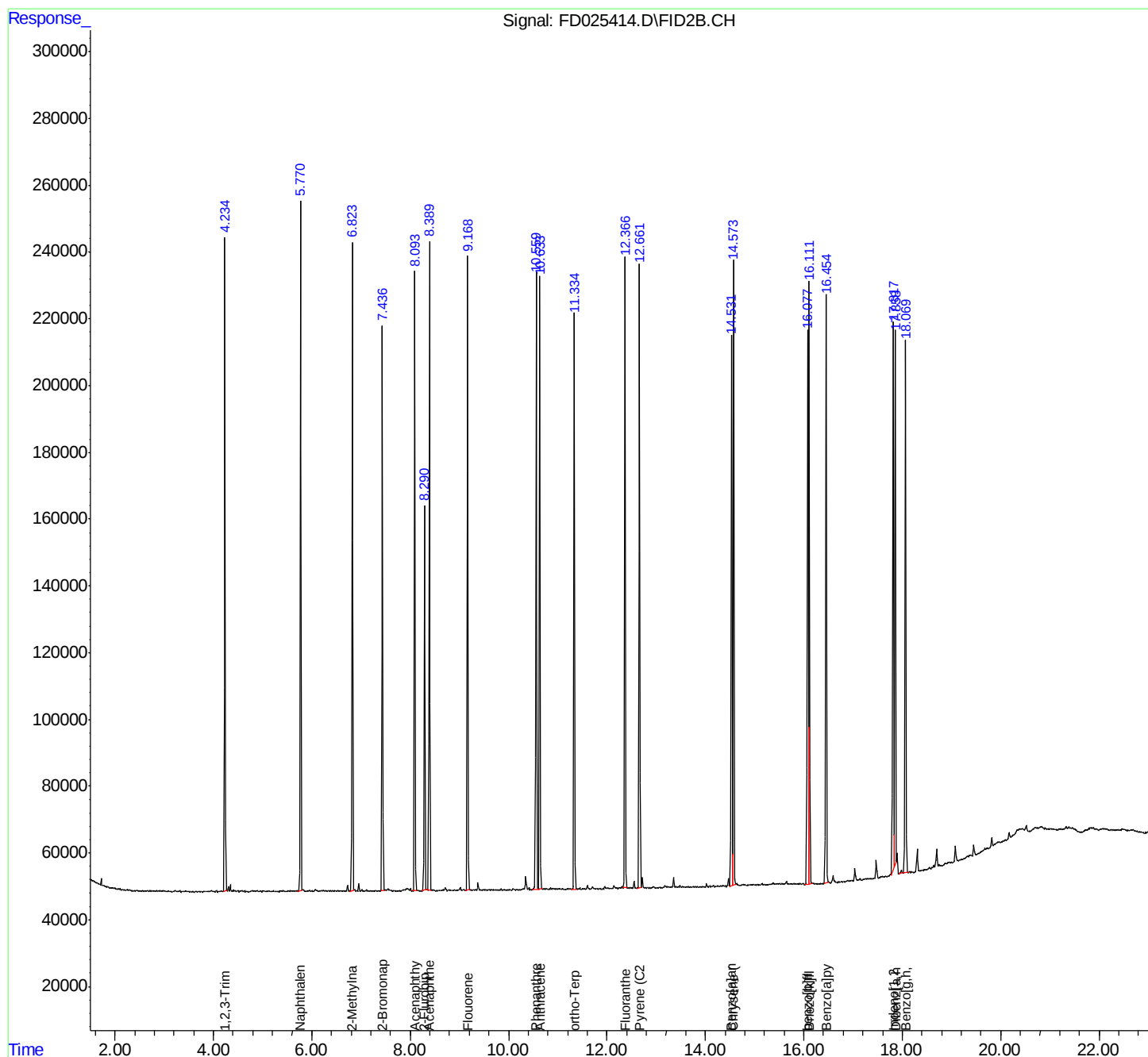
(f)=RT Delta > 1/2 Window

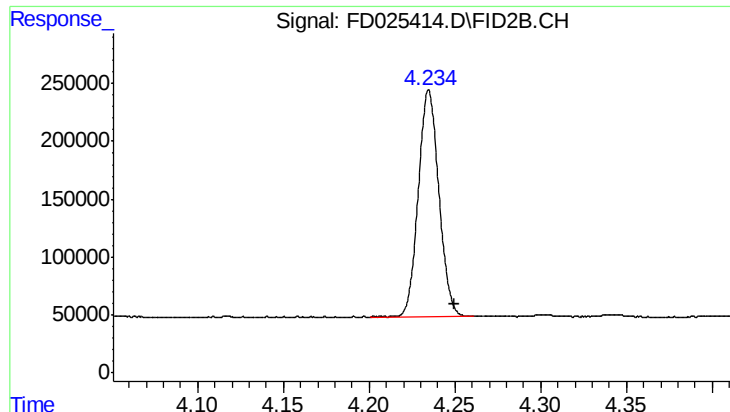
(m)=manual int.

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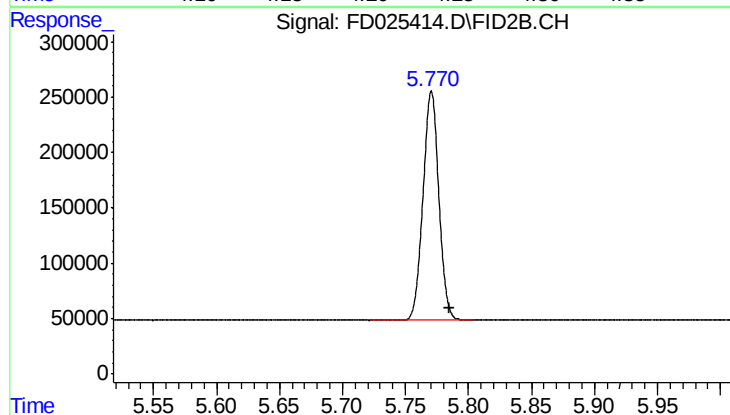
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





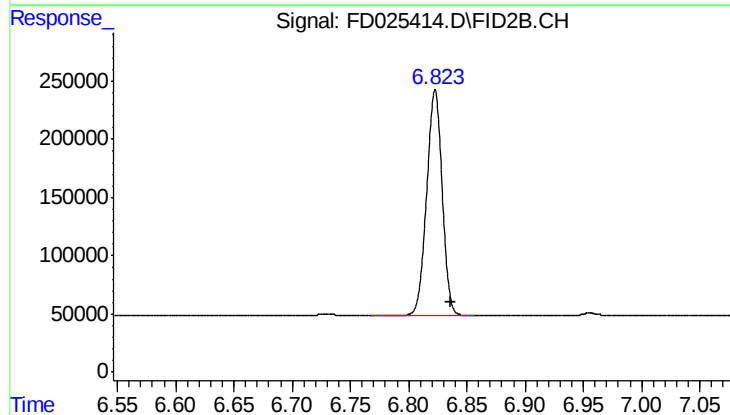
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.235 min
Delta R.T.: -0.015 min
Response: 1635638
Conc: 20.94 ug/ml



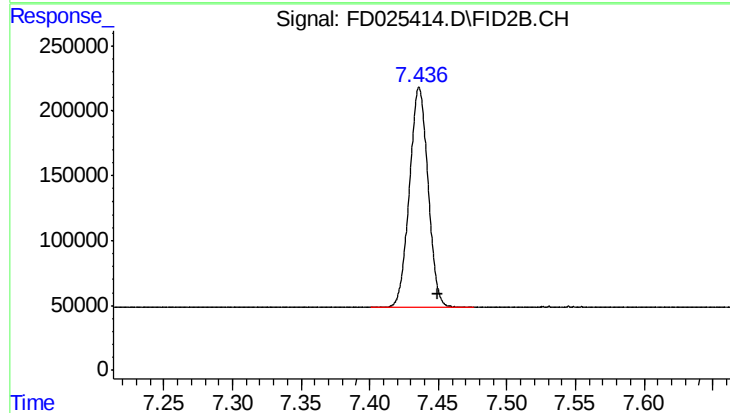
#2 Naphthalene (C11.7)

R.T.: 5.771 min
Delta R.T.: -0.014 min
Response: 1806521
Conc: 20.97 ug/ml



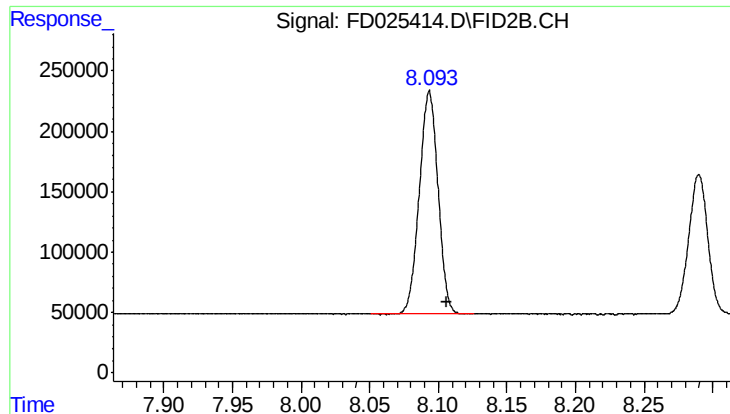
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.823 min
Delta R.T.: -0.013 min
Response: 1795800
Conc: 20.89 ug/ml



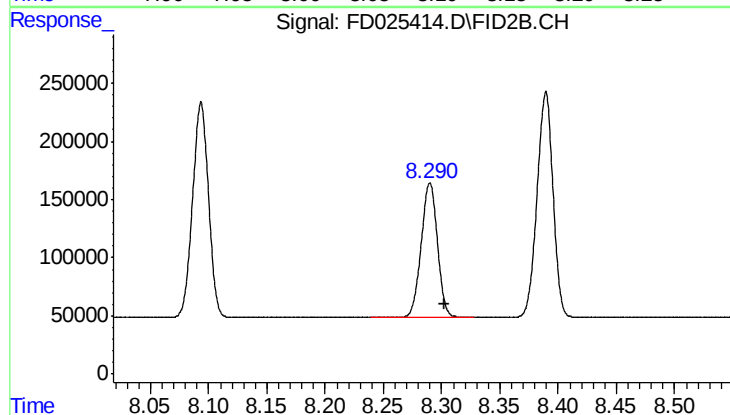
#4 2-Bromonaphthalene (SURR)

R.T.: 7.436 min
Delta R.T.: -0.013 min
Response: 1597554
Conc: 20.70 ug/ml



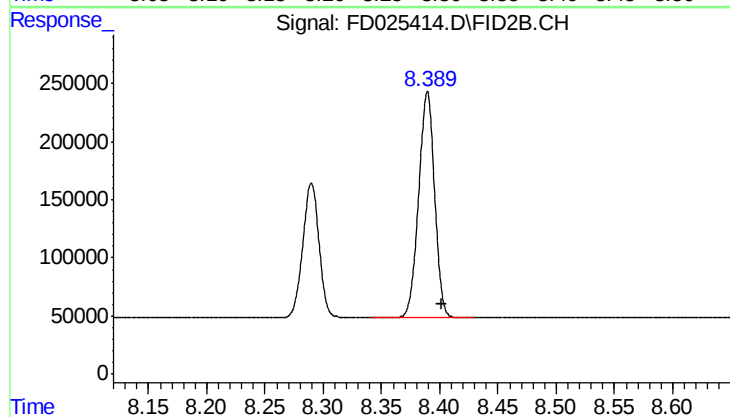
#5 Acenaphthylene (C15.06)

R.T.: 8.094 min
Delta R.T.: -0.013 min
Response: 1756698
Conc: 20.68 ug/ml



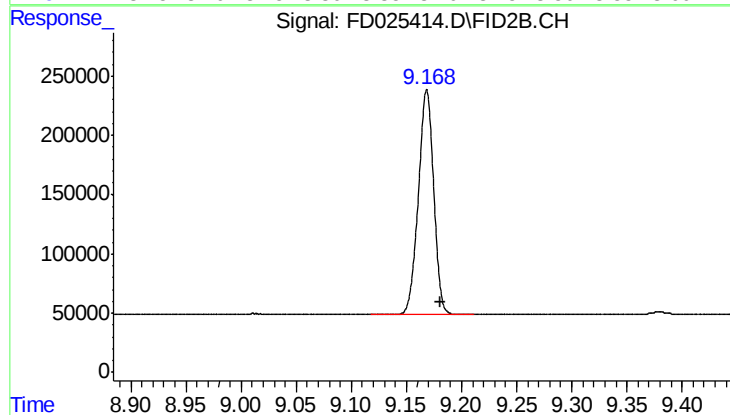
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.290 min
Delta R.T.: -0.013 min
Response: 1115548
Conc: 20.75 ug/ml



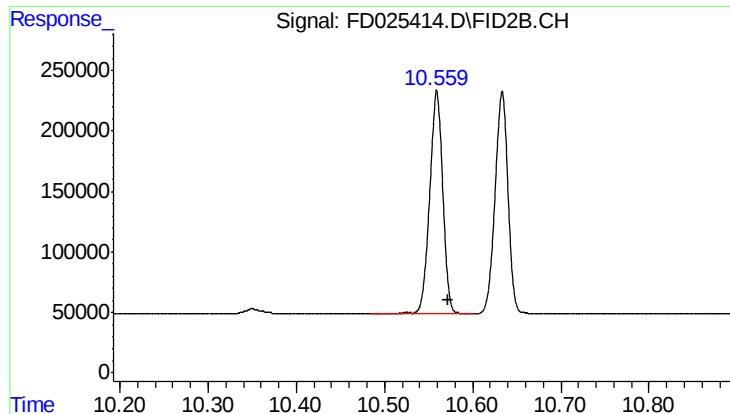
#7 Acenaphthene (C15.5)

R.T.: 8.390 min
Delta R.T.: -0.013 min
Response: 1838162
Conc: 20.64 ug/ml



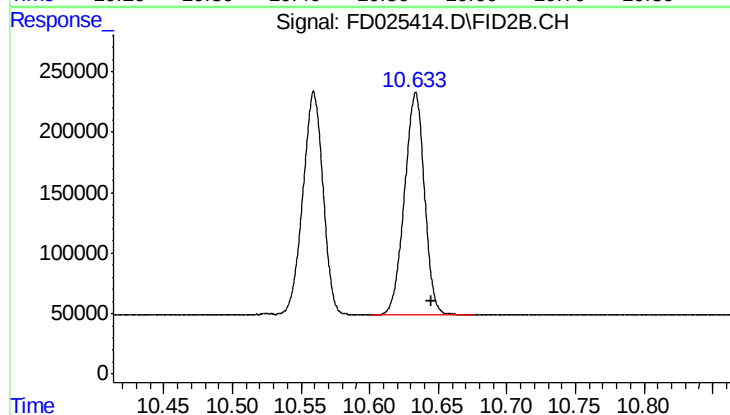
#8 Fluorene (C16.55)

R.T.: 9.168 min
Delta R.T.: -0.012 min
Response: 1833537
Conc: 20.59 ug/ml



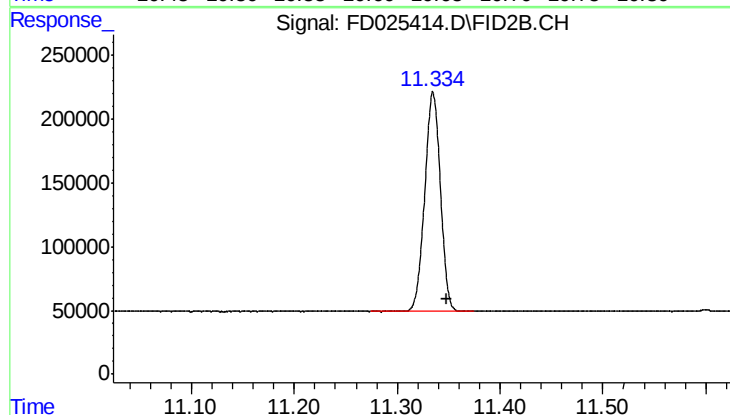
#9 Phenanthrene (C19.36)

R.T.: 10.559 min
Delta R.T.: -0.013 min
Response: 1896688
Conc: 21.18 ug/ml



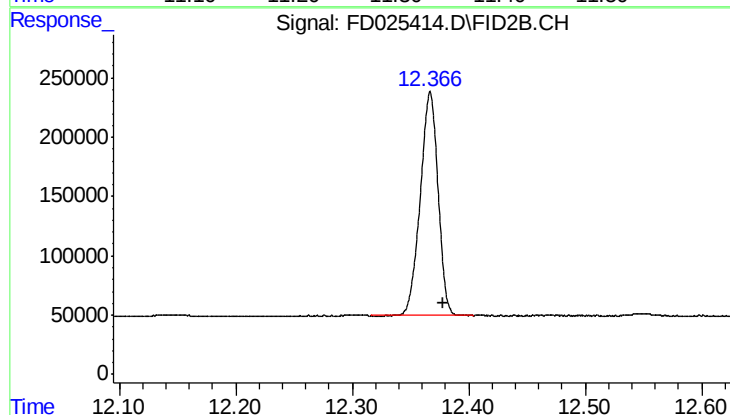
#10 Anthracene (C19.43)

R.T.: 10.634 min
Delta R.T.: -0.011 min
Response: 1857997
Conc: 21.10 ug/ml



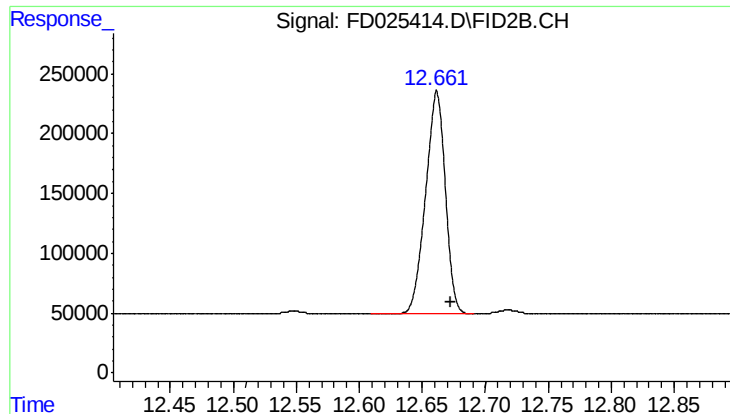
#11 ortho-Terphenyl (SURR)

R.T.: 11.335 min
Delta R.T.: -0.013 min
Response: 1825419
Conc: 21.51 ug/ml



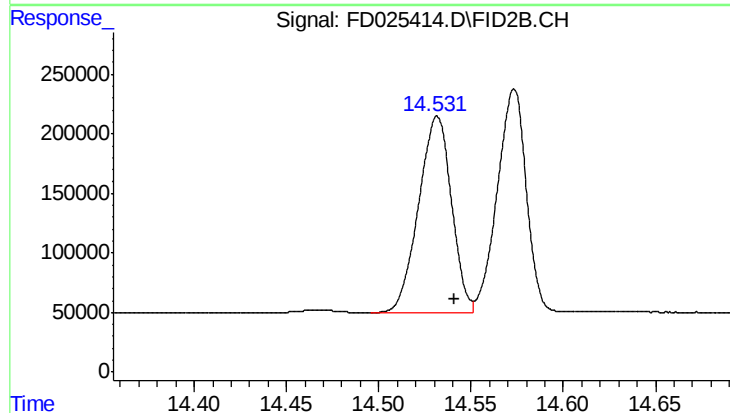
#12 Fluoranthene (C21.85)

R.T.: 12.367 min
Delta R.T.: -0.011 min
Response: 2005617
Conc: 22.83 ug/ml



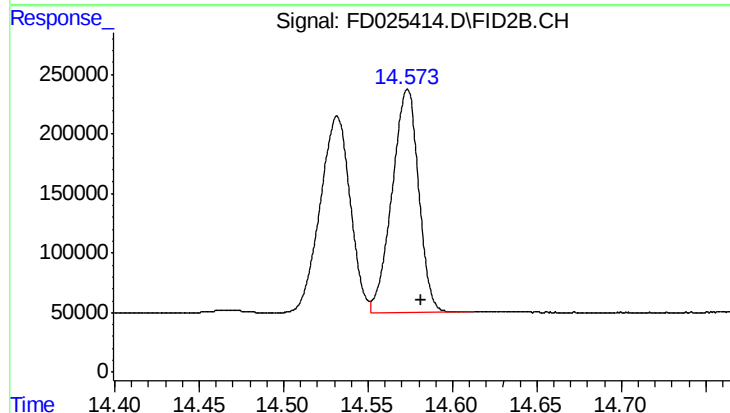
#13 Pyrene (C20.8)

R.T.: 12.662 min
Delta R.T.: -0.011 min
Response: 2030008
Conc: 23.10 ug/ml



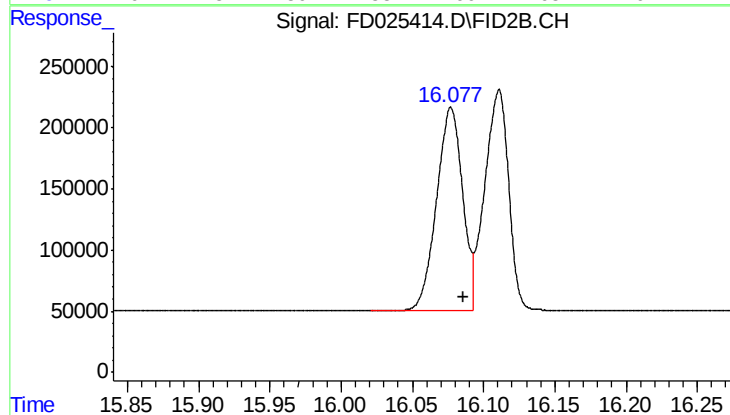
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.532 min
Delta R.T.: -0.010 min
Response: 2040773
Conc: 24.47 ug/ml



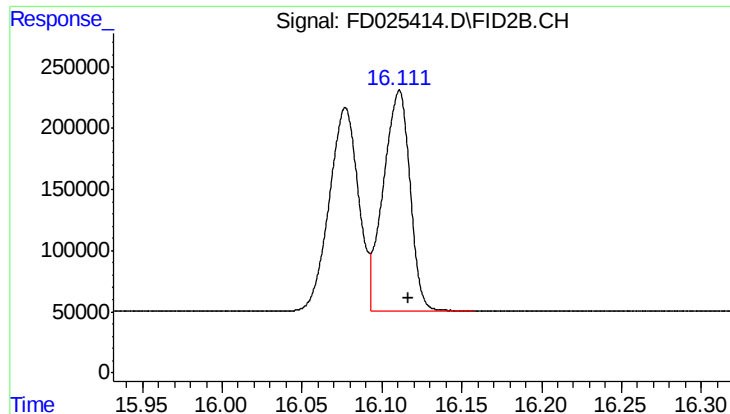
#15 Chrysene (C27.41)

R.T.: 14.573 min
Delta R.T.: -0.008 min
Response: 2048235
Conc: 24.31 ug/ml



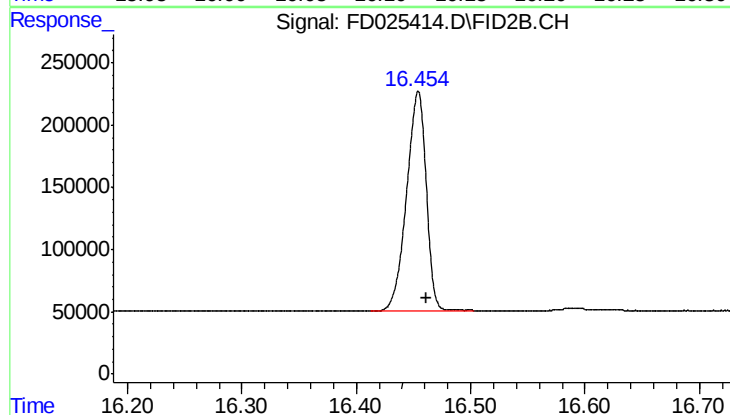
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.077 min
Delta R.T.: -0.009 min
Response: 2114219
Conc: 23.50 ug/ml



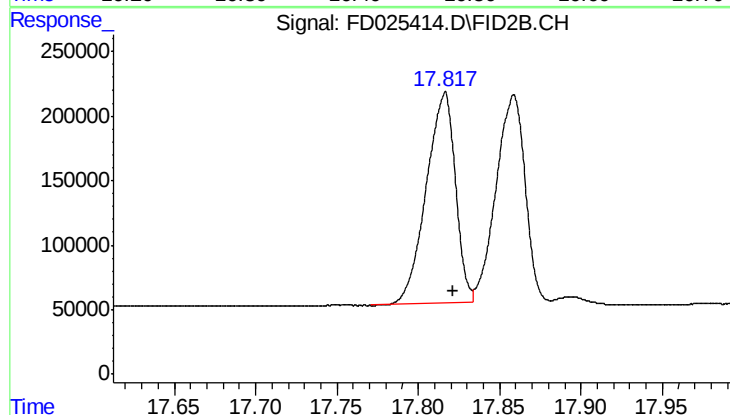
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.111 min
Delta R.T.: -0.006 min
Response: 2107463
Conc: 23.41 ug/ml



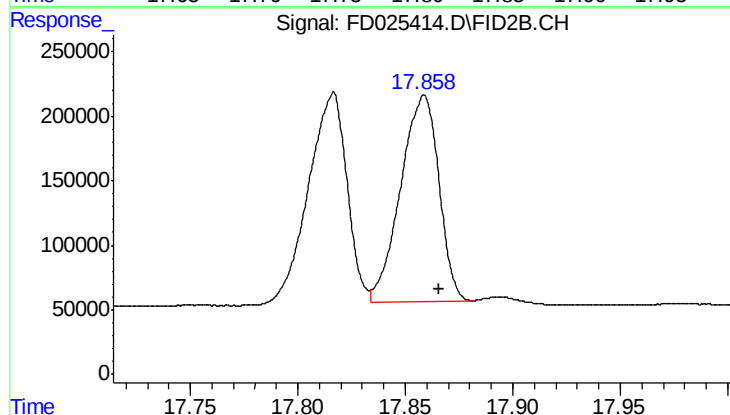
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.454 min
Delta R.T.: -0.007 min
Response: 2099518
Conc: 22.81 ug/ml



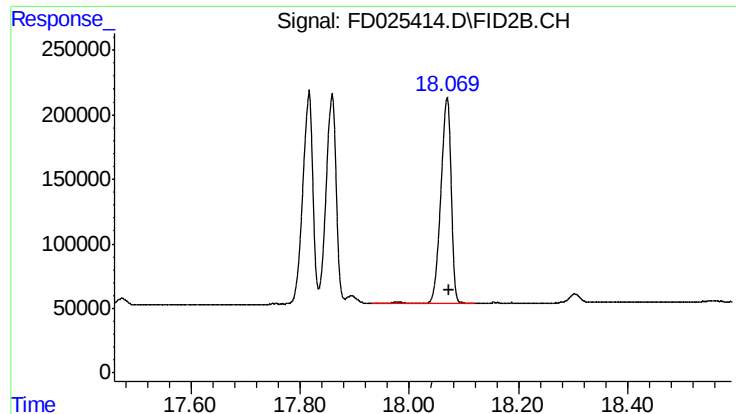
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.816 min
Delta R.T.: -0.005 min
Response: 2038408
Conc: 21.61 ug/ml



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

R.T.: 17.859 min
Delta R.T.: -0.007 min
Response: 1980727
Conc: 21.64 ug/ml



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

R.T.: 18.069 min
Delta R.T.: -0.004 min
Response: 2113290
Conc: 21.81 ug/ml