

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081718AR\
 Data File : FD025411.D
 Signal(s) : FID2B.CH
 Acq On : 18 Aug 2018 6:48
 Operator : AJ\SJ
 Sample : AR IDOC SOIL 03
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 20 03:34:23 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...	7.439	3960005	51.299 ug/ml
Spiked Amount 50.000		Recovery =	102.60%
6) S 2-Fluorobiphenyl (SURR)	8.293	2748402	51.115 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.23%
11) S ortho-Terphenyl (SURR)	11.338	4307952	50.763 ug/ml
Spiked Amount 50.000		Recovery =	101.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.238	2813438	36.022 ug/ml
2) T Naphthalene (C11.7)	5.773	3642965	42.286 ug/ml
3) T 2-Methylnaphthalene (...)	6.826	3892073	45.267 ug/ml
5) T Acenaphthylene (C15.06)	8.097	4001210	47.108 ug/ml
7) T Acenaphthene (C15.5)	8.394	4141949	46.519 ug/ml
8) T Flouorene (C16.55)	9.173	4253231	47.756 ug/ml
9) T Phenanthrene (C19.36)	10.565	4668927	52.129 ug/ml
10) T Anthracene (C19.43)	10.639	4673739	53.076 ug/ml
12) T Fluoranthene (C21.85)	12.373	5133685	58.431 ug/ml
13) T Pyrene (C20.8)	12.668	5079111	57.797 ug/ml
14) T Benzo[a]anthracene (C...	14.540	5293009	63.464 ug/ml
15) T Chrysene (C27.41)	14.583	5234748	62.140 ug/ml
16) T benzo[b]fluoranthene ...	16.088	5343932	59.397 ug/ml
17) T Bnezo[k]fluoranthene ...	16.123	5251492	58.328 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.466	5301390	57.596 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.830	5201432	55.131 ug/ml
20) T Dibenz[a,h]anthracene...	17.872	5094631	55.671 ug/ml
21) T Benzo[g,h,i]perylene ...	18.087	5240122	54.092 ug/ml

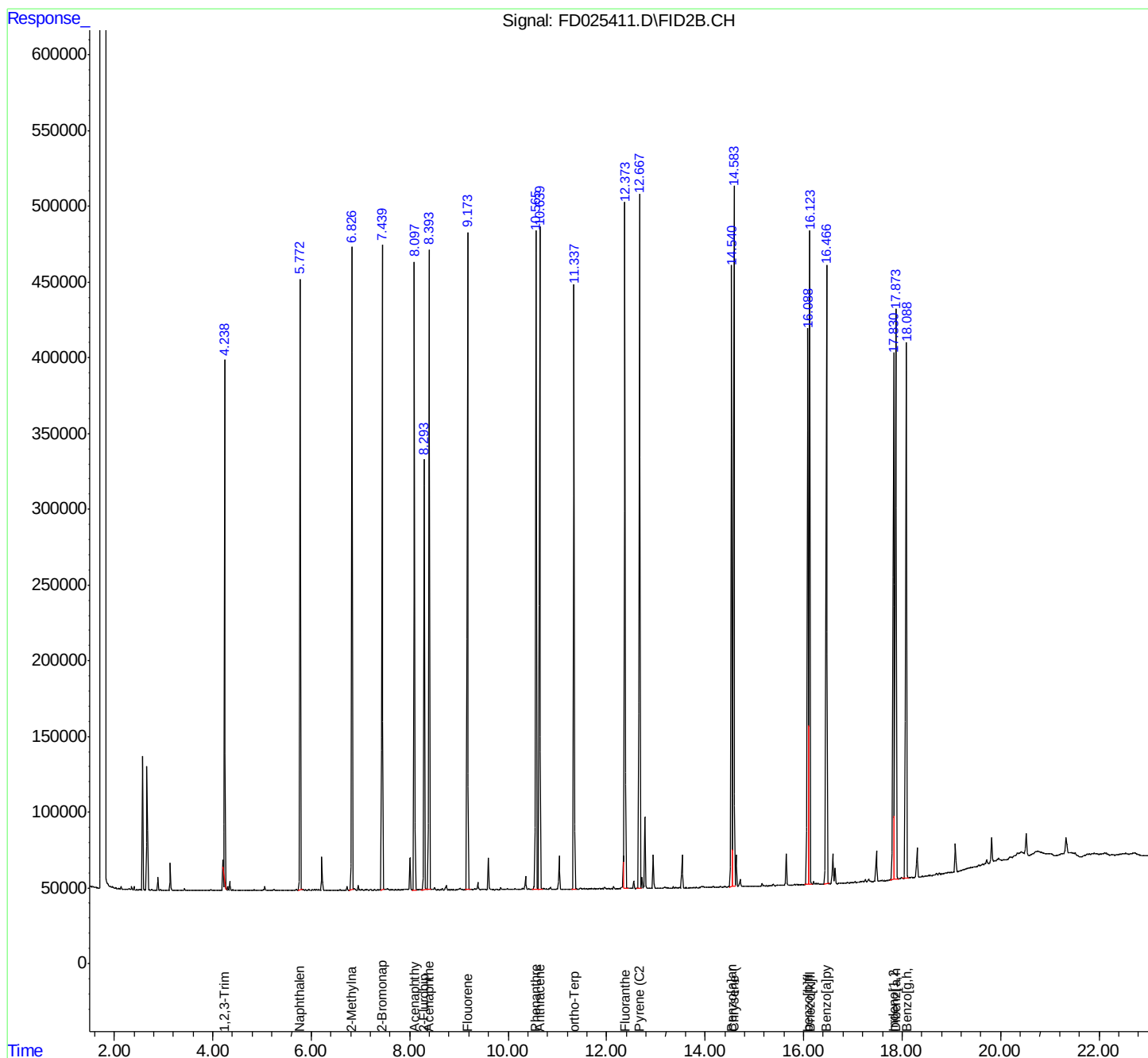
(f)=RT Delta > 1/2 Window

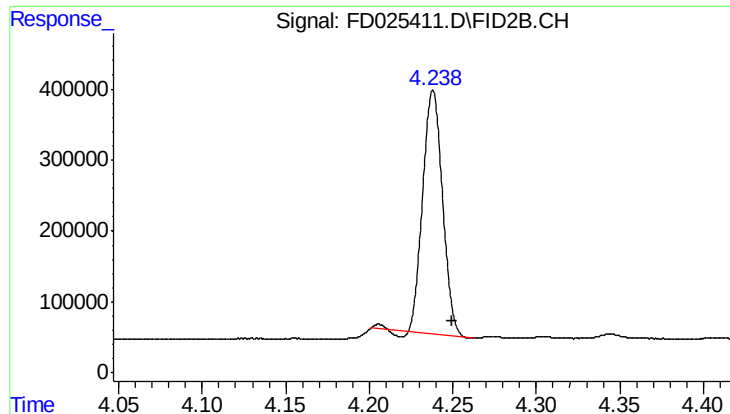
(m)=manual int.

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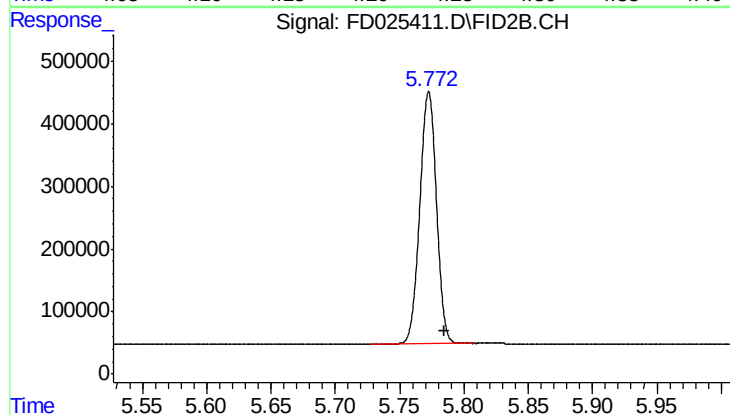
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Signal Info : 20M x 0.18mm x 0.18µm





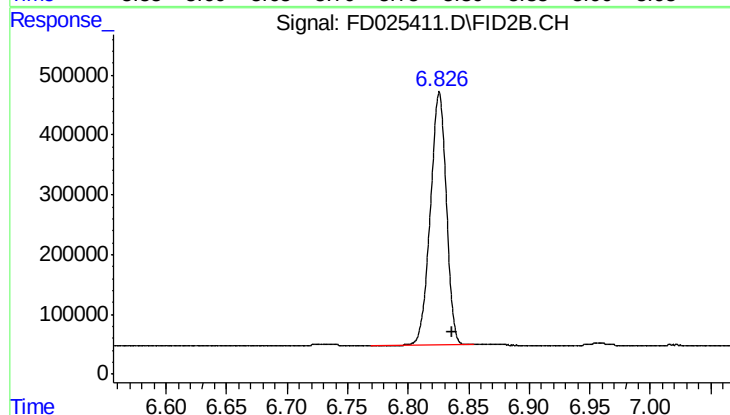
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.238 min
Delta R.T.: -0.011 min
Response: 2813438
Conc: 36.02 ug/ml



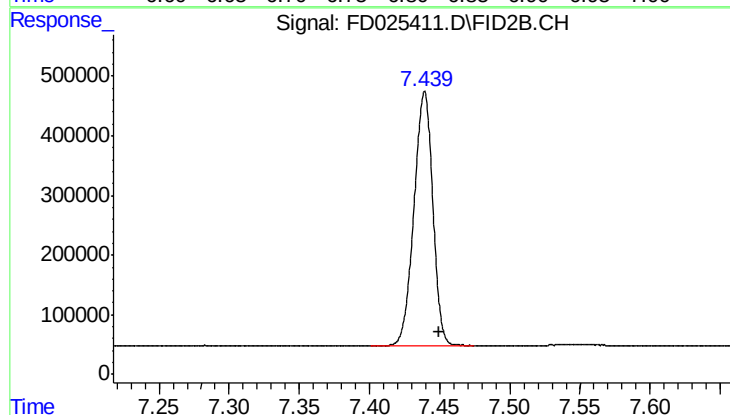
#2 Naphthalene (C11.7)

R.T.: 5.773 min
Delta R.T.: -0.012 min
Response: 3642965
Conc: 42.29 ug/ml



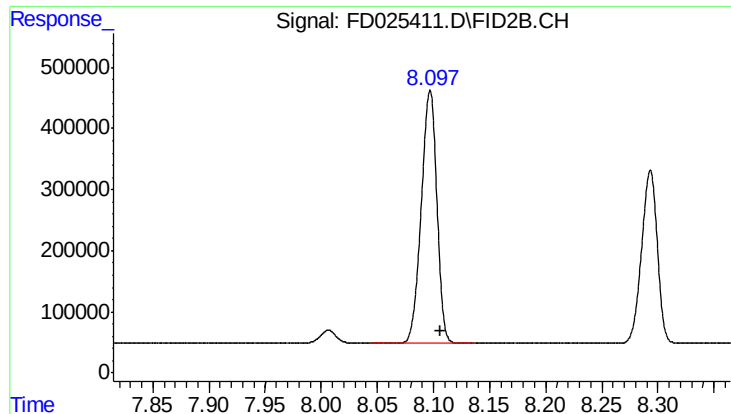
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.826 min
Delta R.T.: -0.010 min
Response: 3892073
Conc: 45.27 ug/ml



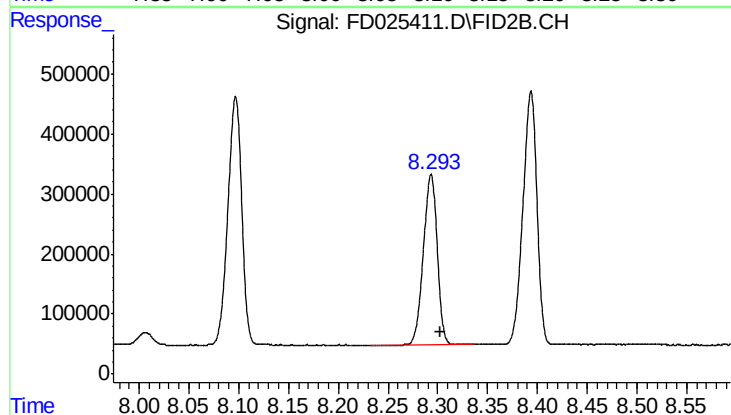
#4 2-Bromonaphthalene (SURR)

R.T.: 7.439 min
Delta R.T.: -0.010 min
Response: 3960005
Conc: 51.30 ug/ml



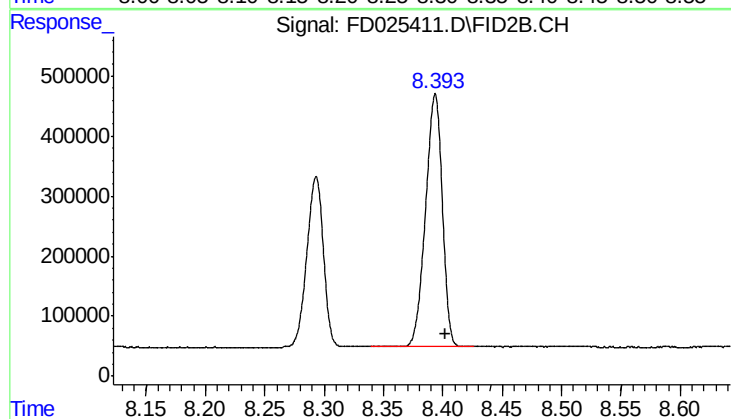
#5 Acenaphthylene (C15.06)

R.T.: 8.097 min
Delta R.T.: -0.009 min
Response: 4001210
Conc: 47.11 ug/ml



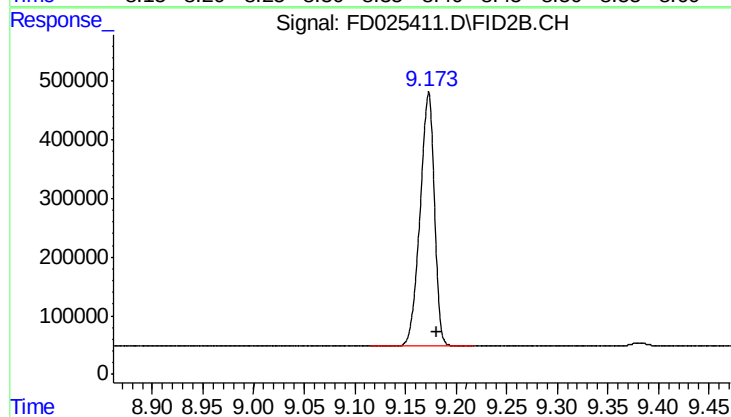
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.293 min
Delta R.T.: -0.009 min
Response: 2748402
Conc: 51.11 ug/ml



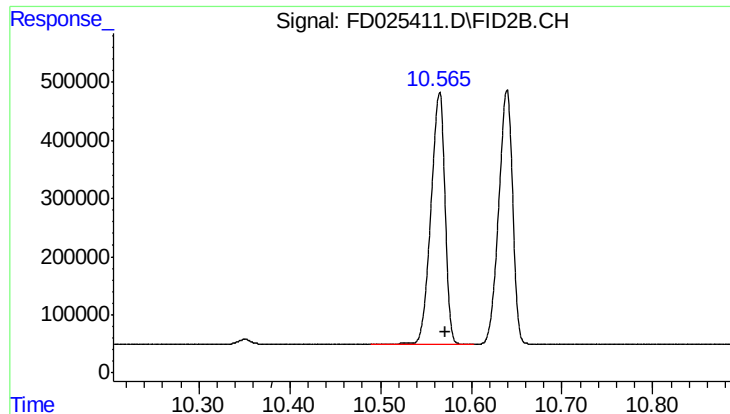
#7 Acenaphthene (C15.5)

R.T.: 8.394 min
Delta R.T.: -0.009 min
Response: 4141949
Conc: 46.52 ug/ml



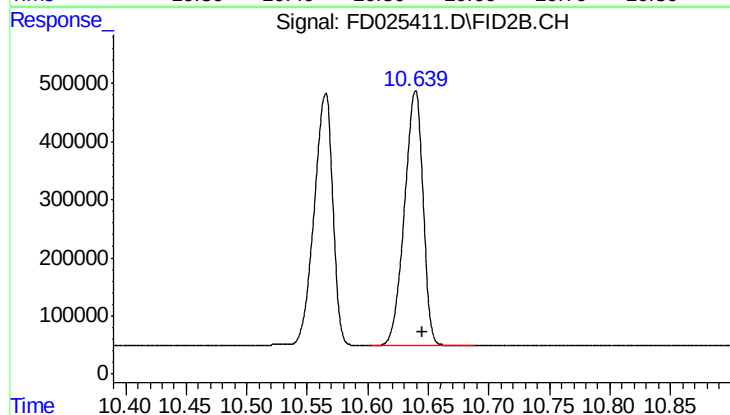
#8 Fluorene (C16.55)

R.T.: 9.173 min
Delta R.T.: -0.008 min
Response: 4253231
Conc: 47.76 ug/ml



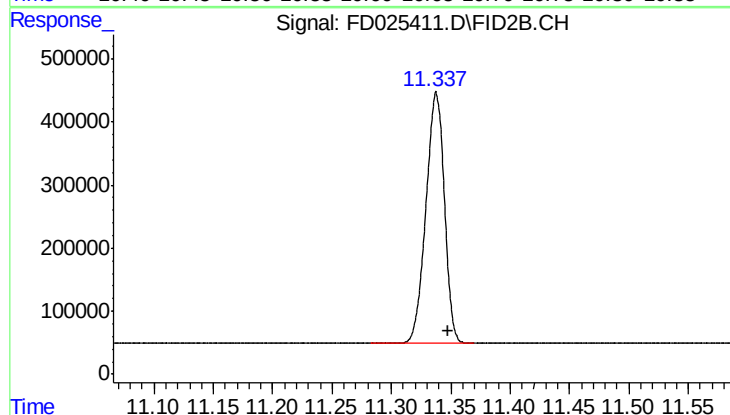
#9 Phenanthrene (C19.36)

R.T.: 10.565 min
Delta R.T.: -0.007 min
Response: 4668927
Conc: 52.13 ug/ml



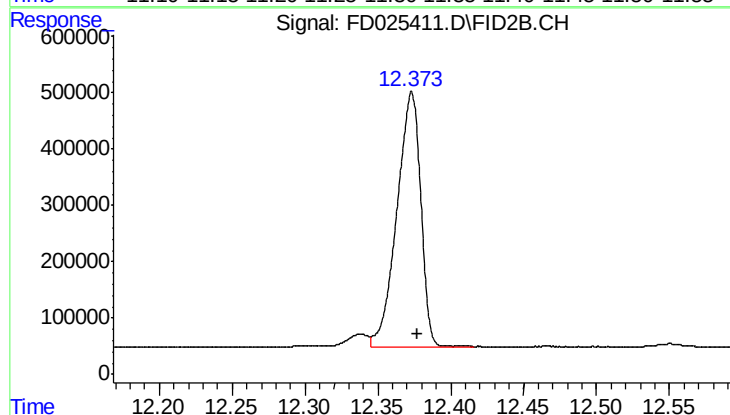
#10 Anthracene (C19.43)

R.T.: 10.639 min
Delta R.T.: -0.005 min
Response: 4673739
Conc: 53.08 ug/ml



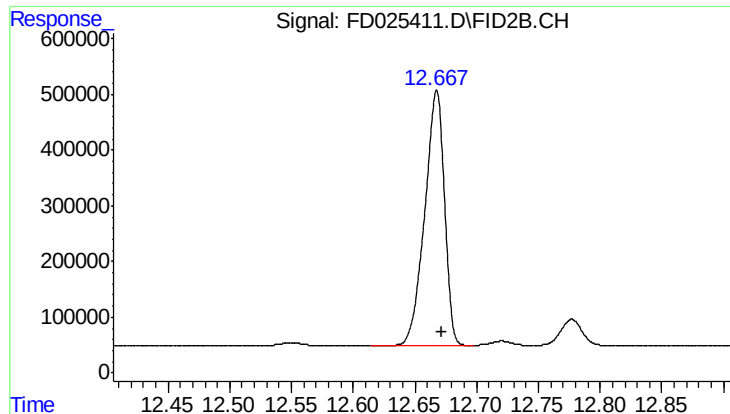
#11 ortho-Terphenyl (SURRE)

R.T.: 11.338 min
Delta R.T.: -0.010 min
Response: 4307952
Conc: 50.76 ug/ml



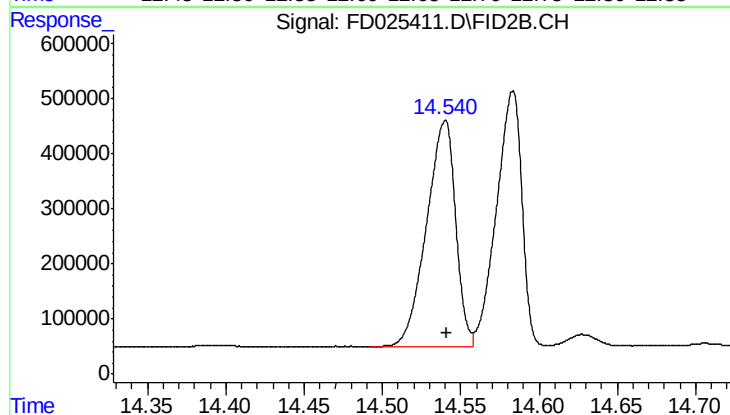
#12 Fluoranthene (C21.85)

R.T.: 12.373 min
Delta R.T.: -0.004 min
Response: 5133685
Conc: 58.43 ug/ml



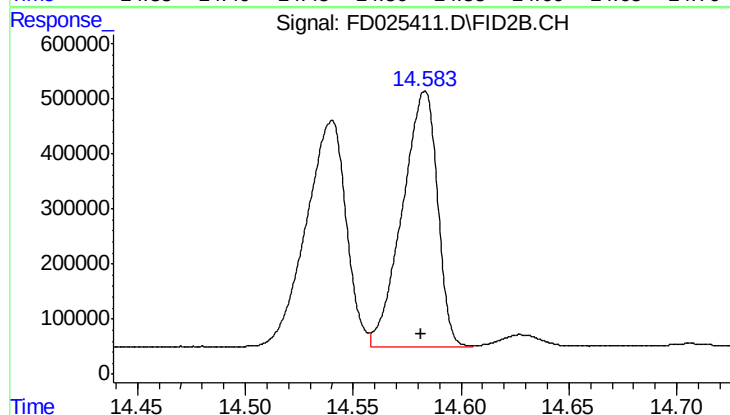
#13 Pyrene (C20.8)

R.T.: 12.668 min
Delta R.T.: -0.004 min
Response: 5079111
Conc: 57.80 ug/ml



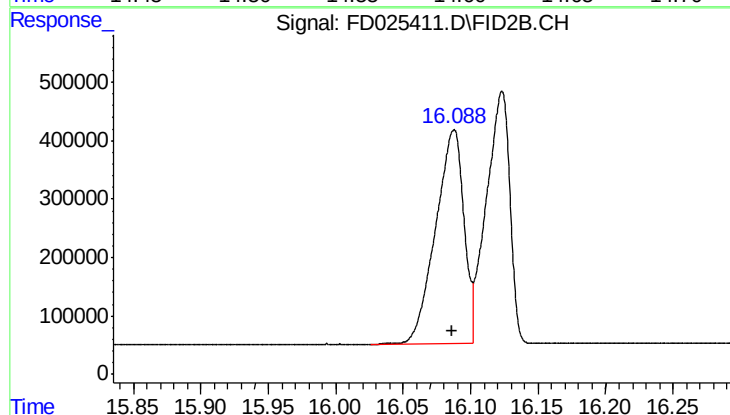
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.540 min
Delta R.T.: -0.001 min
Response: 5293009
Conc: 63.46 ug/ml



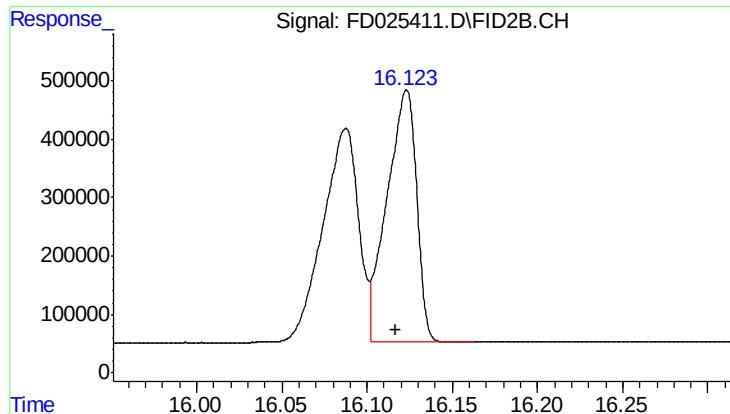
#15 Chrysene (C27.41)

R.T.: 14.583 min
Delta R.T.: 0.001 min
Response: 5234748
Conc: 62.14 ug/ml



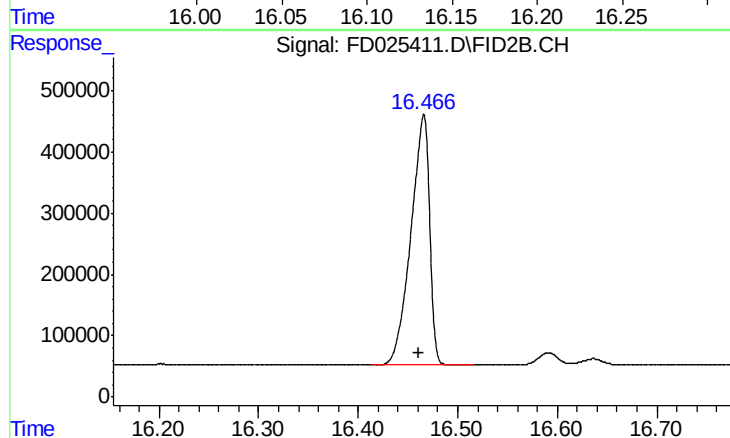
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.088 min
Delta R.T.: 0.001 min
Response: 5343932
Conc: 59.40 ug/ml



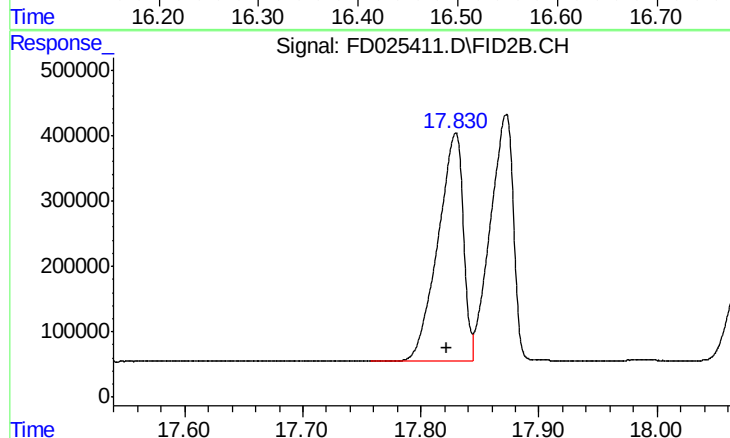
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.123 min
Delta R.T.: 0.006 min
Response: 5251492
Conc: 58.33 ug/ml



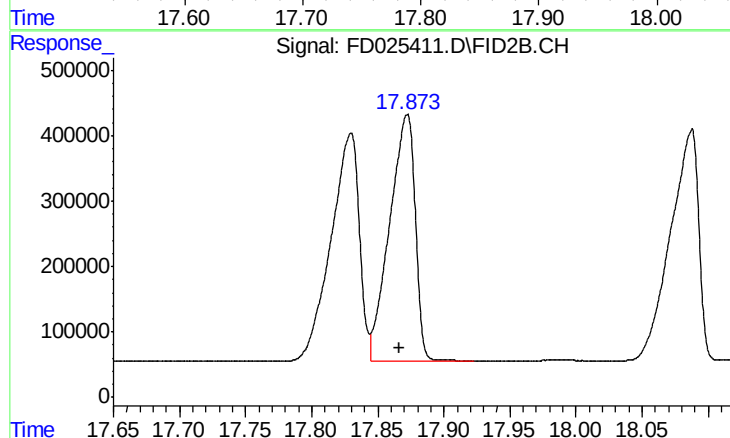
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.466 min
Delta R.T.: 0.005 min
Response: 5301390
Conc: 57.60 ug/ml



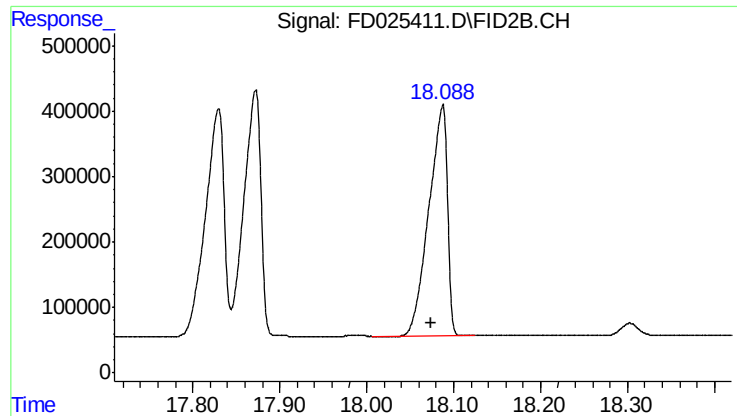
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.830 min
Delta R.T.: 0.008 min
Response: 5201432
Conc: 55.13 ug/ml



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

R.T.: 17.872 min
Delta R.T.: 0.006 min
Response: 5094631
Conc: 55.67 ug/ml



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

R.T.: 18.087 min
Delta R.T.: 0.014 min
Response: 5240122
Conc: 54.09 ug/ml