

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081718AR\
 Data File : FD025412.D
 Signal(s) : FID2B.CH
 Acq On : 18 Aug 2018 7:25
 Operator : AJ\SJ
 Sample : AR IDOC SOIL 04
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 20 03:34:40 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...	7.440	5607811	72.646 ug/ml
Spiked Amount 50.000		Recovery =	145.29%
6) S 2-Fluorobiphenyl (SURR)	8.294	3562011	66.246 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	132.49%#
11) S ortho-Terphenyl (SURR)	11.342	7536934	88.813 ug/ml
Spiked Amount 50.000		Recovery =	177.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.238	1756804	22.493 ug/ml
2) T Naphthalene (C11.7)	5.772	3675471	42.663 ug/ml
3) T 2-Methylnaphthalene (...)	6.826	5108890	59.419 ug/ml
5) T Acenaphthylene (C15.06)	8.098	6125573	72.118 ug/ml
7) T Acenaphthene (C15.5)	8.396	6508015	73.093 ug/ml
8) T Flouorene (C16.55)	9.176	7019391	78.815 ug/ml
9) T Phenanthrene (C19.36)	10.569	7874228	87.917 ug/ml
10) T Anthracene (C19.43)	10.645	7935350	90.115 ug/ml
12) T Fluoranthene (C21.85)	12.380	8678531	98.778 ug/ml
13) T Pyrene (C20.8)	12.675	8568117	97.499 ug/ml
14) T Benzo[a]anthracene (C...	14.548	8962183	107.458 ug/ml
15) T Chrysene (C27.41)	14.594	8861185	105.187 ug/ml
16) T benzo[b]fluoranthene ...	16.097	9087005	101.001 ug/ml
17) T Bnezo[k]fluoranthene ...	16.136	8955725	99.470 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.476	9042995	98.246 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.842	9073174	96.169 ug/ml
20) T Dibenz[a,h]anthracene...	17.884	8669372	94.734 ug/ml
21) T Benzo[g,h,i]perylene ...	18.100	9011004	93.018 ug/ml

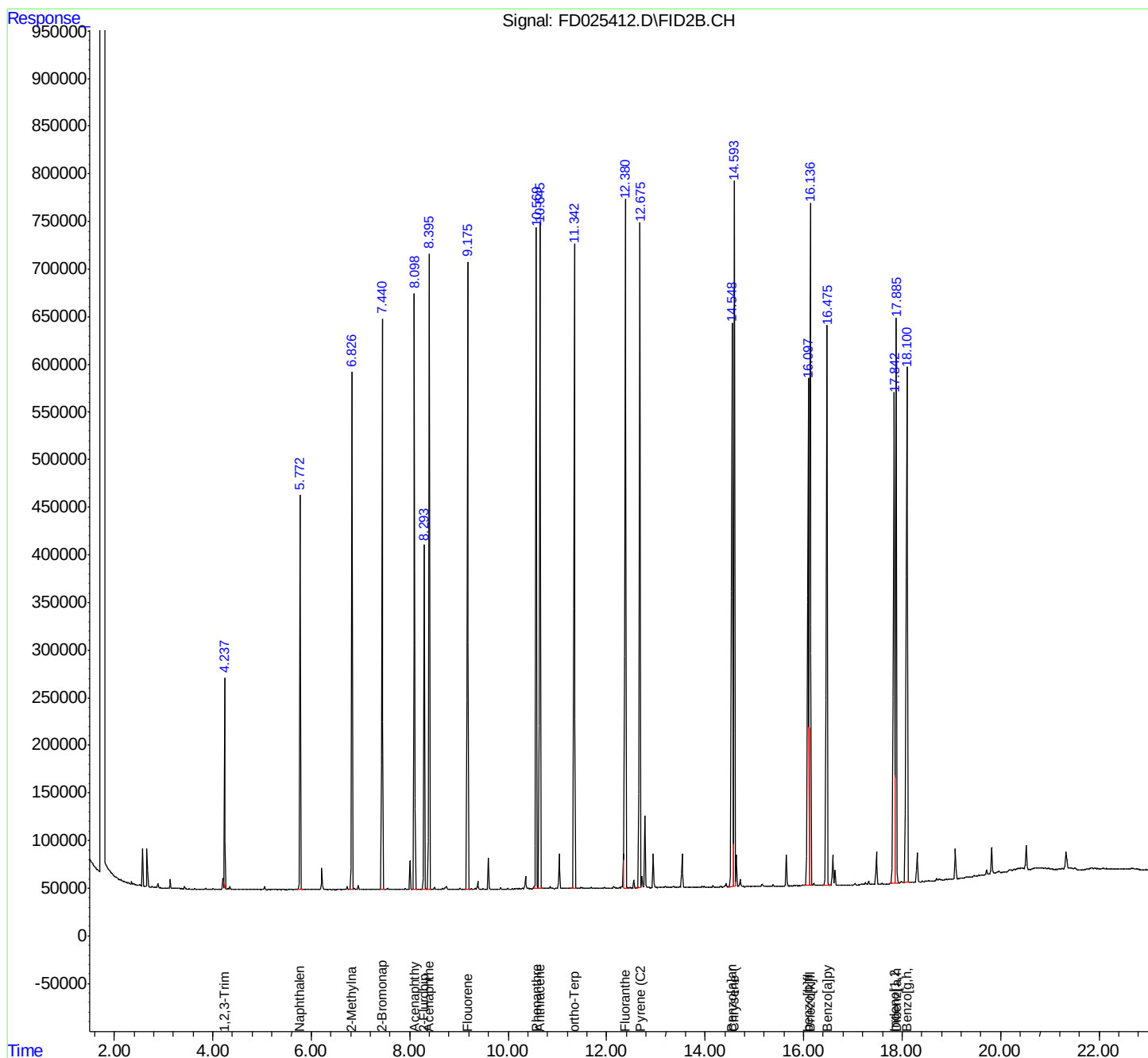
(f)=RT Delta > 1/2 Window

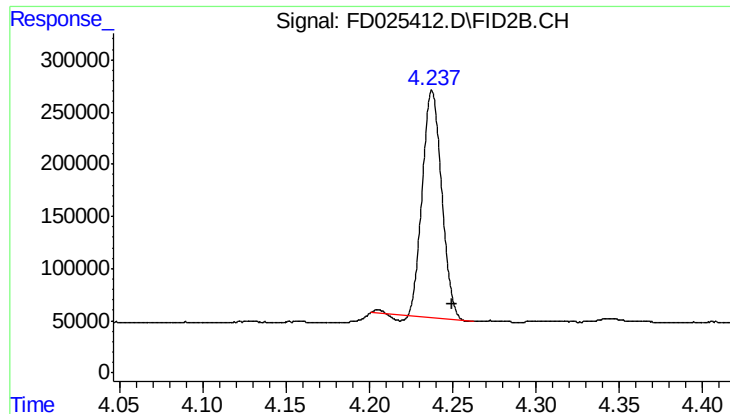
(m)=manual int.

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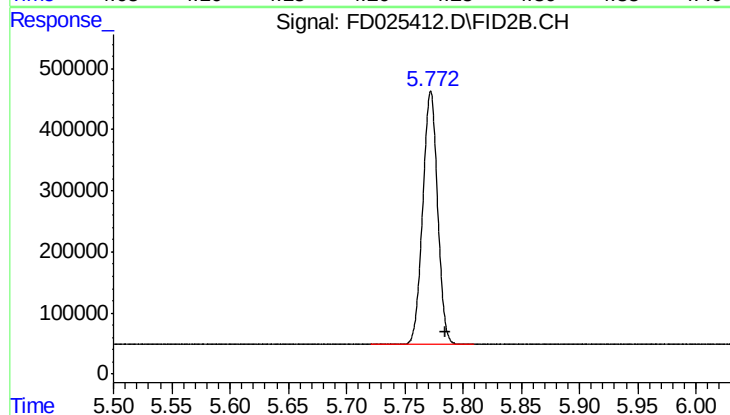
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Signal Info : 20M x 0.18mm x 0.18µm





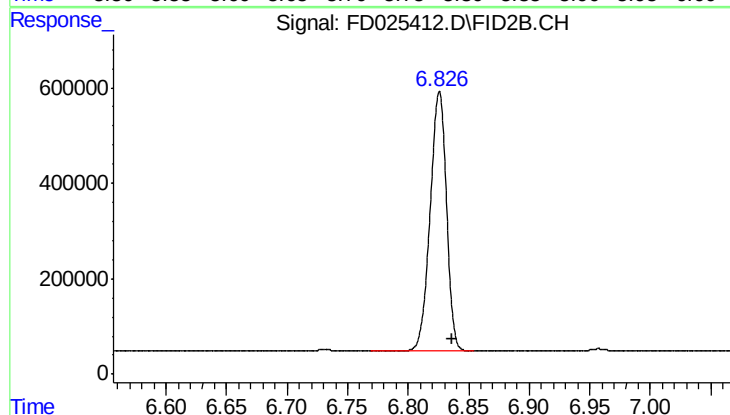
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.238 min
Delta R.T.: -0.012 min
Response: 1756804
Conc: 22.49 ug/ml



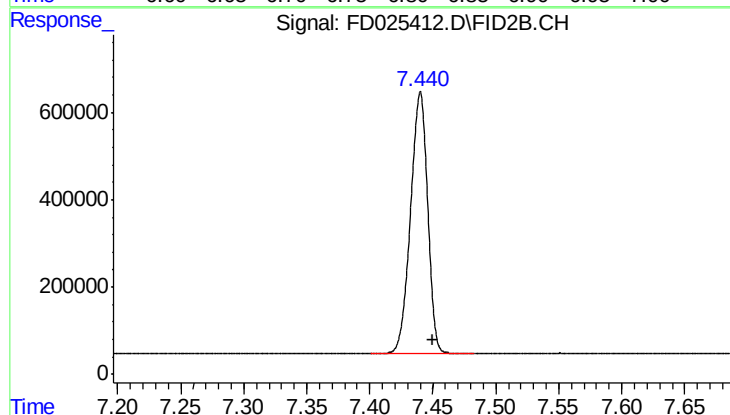
#2 Naphthalene (C11.7)

R.T.: 5.772 min
Delta R.T.: -0.013 min
Response: 3675471
Conc: 42.66 ug/ml



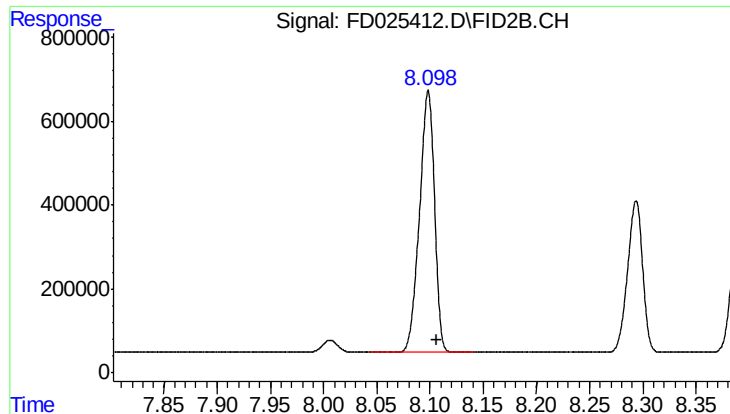
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.826 min
Delta R.T.: -0.010 min
Response: 5108890
Conc: 59.42 ug/ml



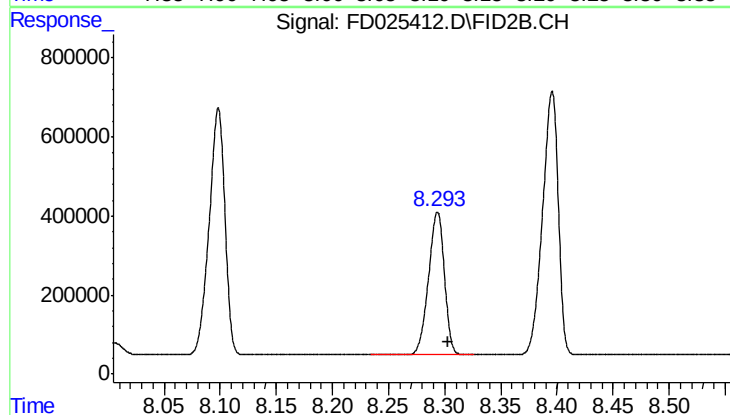
#4 2-Bromonaphthalene (SURR)

R.T.: 7.440 min
Delta R.T.: -0.009 min
Response: 5607811
Conc: 72.65 ug/ml



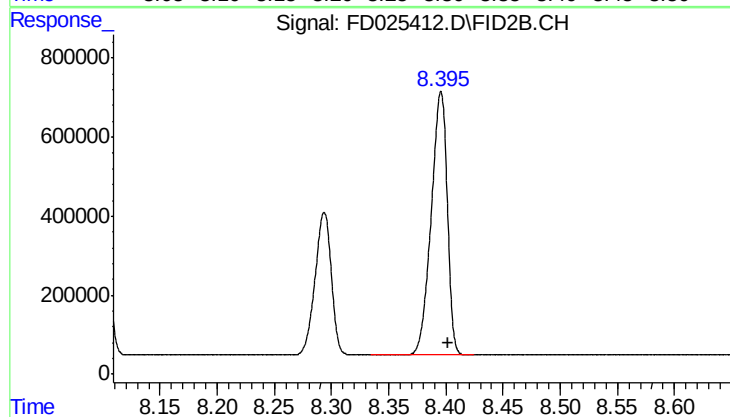
#5 Acenaphthylene (C15.06)

R.T.: 8.098 min
Delta R.T.: -0.008 min
Response: 6125573
Conc: 72.12 ug/ml



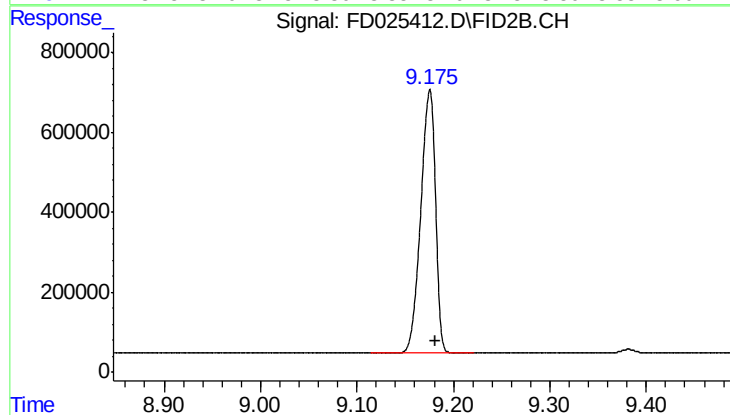
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.294 min
Delta R.T.: -0.009 min
Response: 3562011
Conc: 66.25 ug/ml



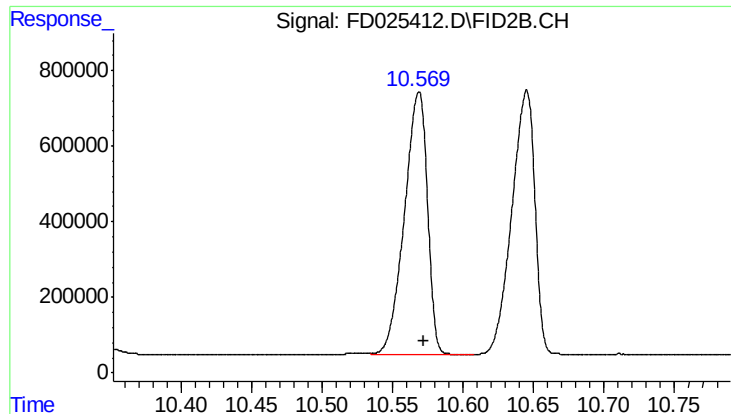
#7 Acenaphthene (C15.5)

R.T.: 8.396 min
Delta R.T.: -0.006 min
Response: 6508015
Conc: 73.09 ug/ml



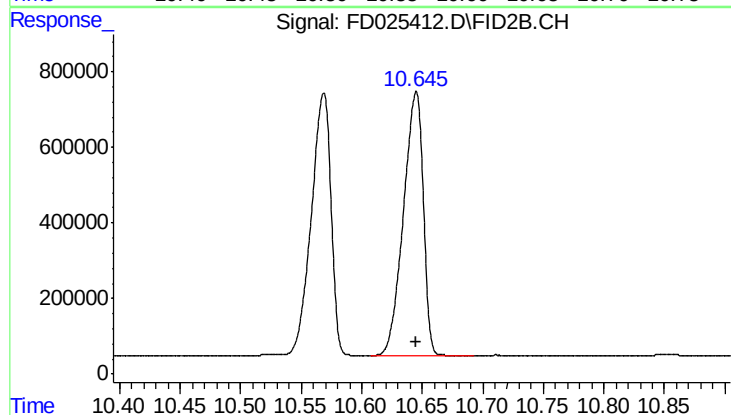
#8 Fluorene (C16.55)

R.T.: 9.176 min
Delta R.T.: -0.005 min
Response: 7019391
Conc: 78.81 ug/ml



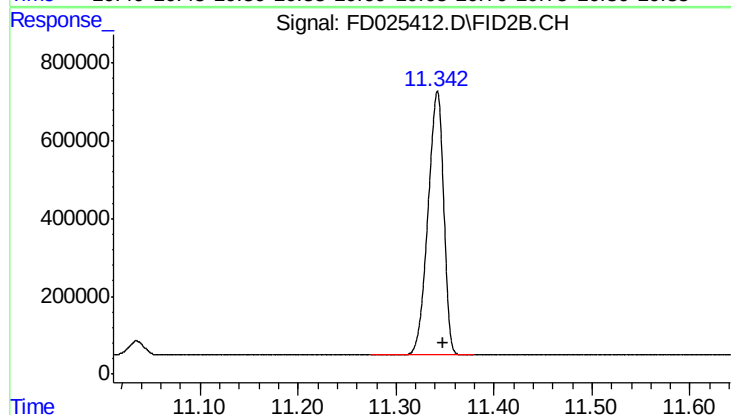
#9 Phenanthrene (C19.36)

R.T.: 10.569 min
Delta R.T.: -0.003 min
Response: 7874228
Conc: 87.92 ug/ml



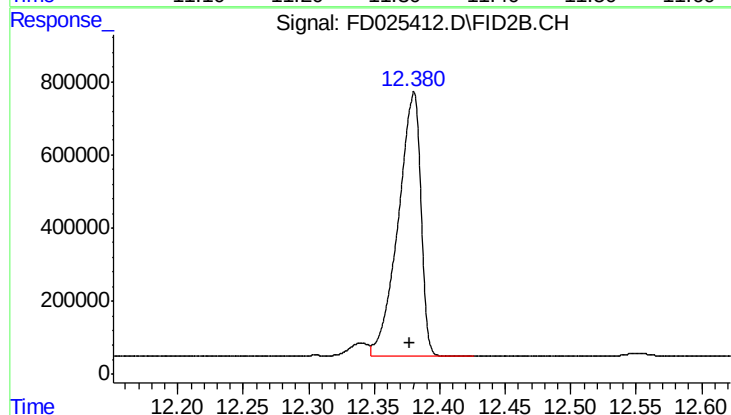
#10 Anthracene (C19.43)

R.T.: 10.645 min
Delta R.T.: 0.000 min
Response: 7935350
Conc: 90.11 ug/ml



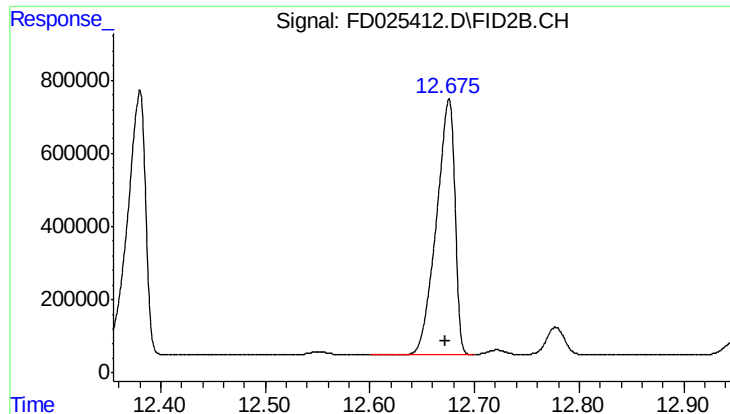
#11 ortho-Terphenyl (SURRE)

R.T.: 11.342 min
Delta R.T.: -0.006 min
Response: 7536934
Conc: 88.81 ug/ml



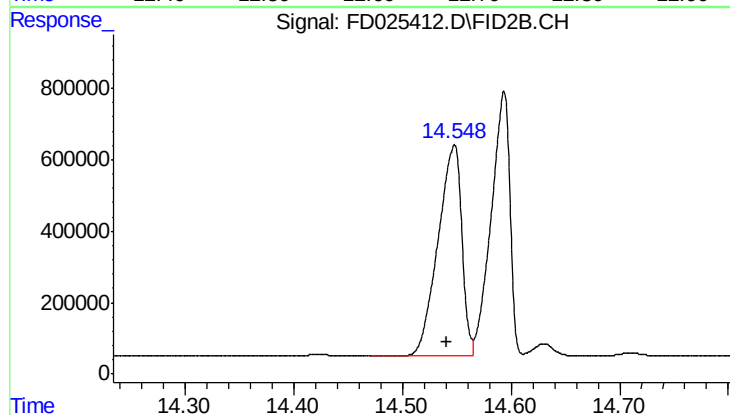
#12 Fluoranthene (C21.85)

R.T.: 12.380 min
Delta R.T.: 0.003 min
Response: 8678531
Conc: 98.78 ug/ml



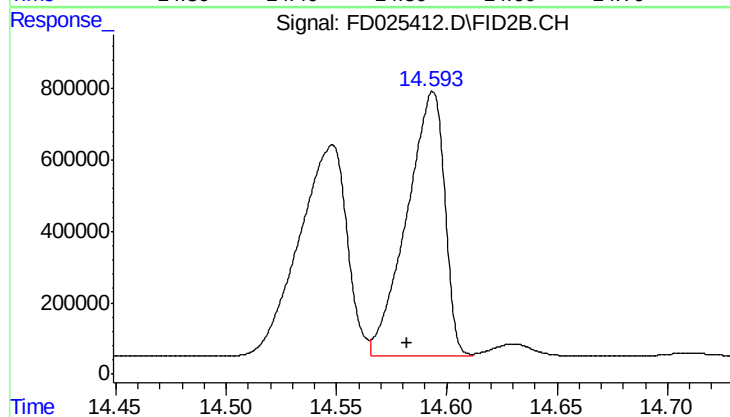
#13 Pyrene (C20.8)

R.T.: 12.675 min
Delta R.T.: 0.003 min
Response: 8568117
Conc: 97.50 ug/ml



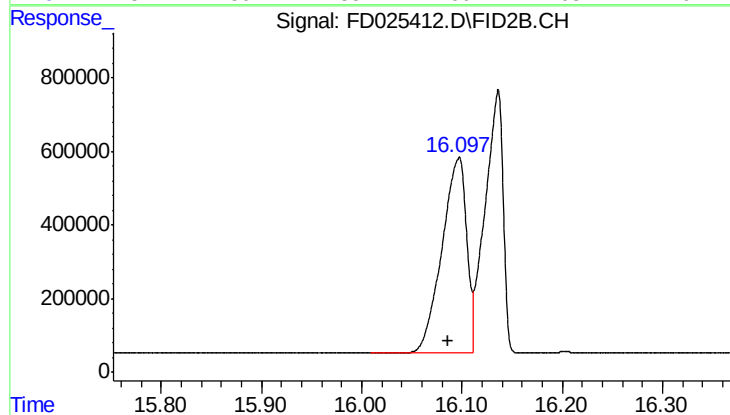
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.548 min
Delta R.T.: 0.007 min
Response: 8962183
Conc: 107.46 ug/ml



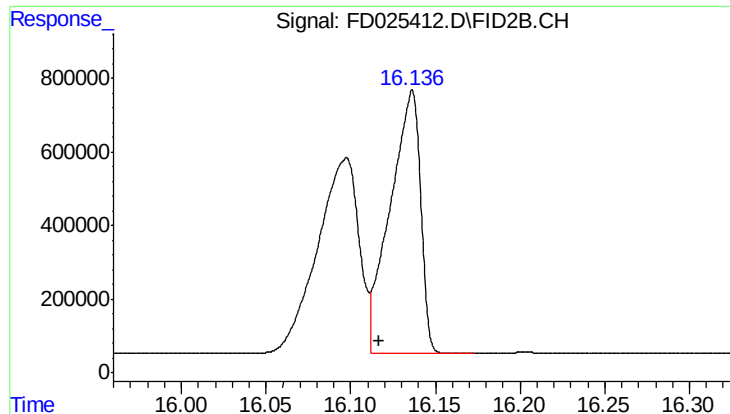
#15 Chrysene (C27.41)

R.T.: 14.594 min
Delta R.T.: 0.012 min
Response: 8861185
Conc: 105.19 ug/ml



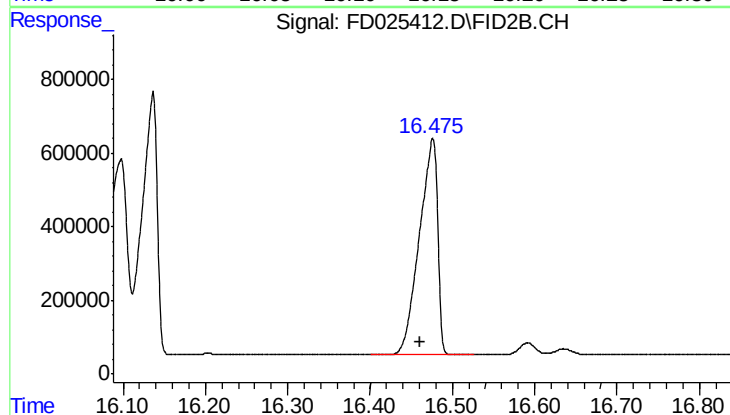
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.097 min
Delta R.T.: 0.011 min
Response: 9087005
Conc: 101.00 ug/ml



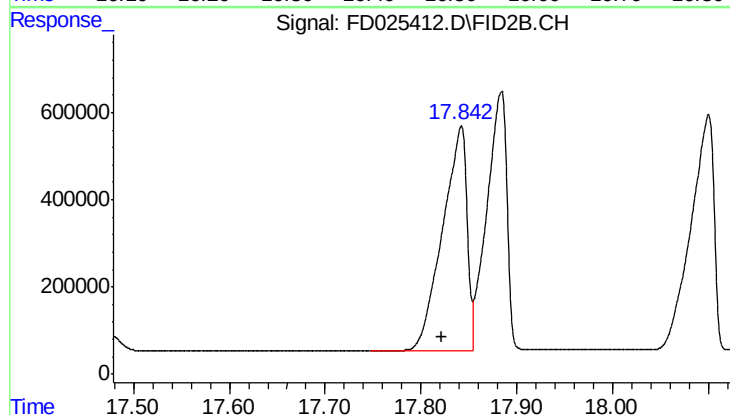
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.136 min
Delta R.T.: 0.019 min
Response: 8955725
Conc: 99.47 ug/ml



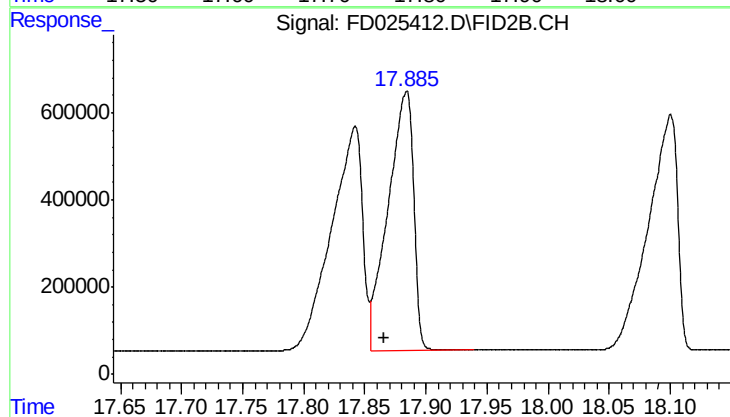
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.476 min
Delta R.T.: 0.015 min
Response: 9042995
Conc: 98.25 ug/ml



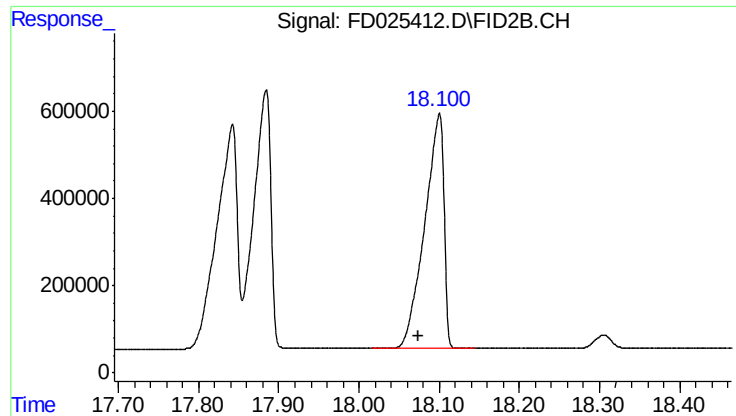
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.842 min
Delta R.T.: 0.020 min
Response: 9073174
Conc: 96.17 ug/ml



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

R.T.: 17.884 min
Delta R.T.: 0.018 min
Response: 8669372
Conc: 94.73 ug/ml



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

R.T.: 18.100 min
Delta R.T.: 0.027 min
Response: 9011004
Conc: 93.02 ug/ml