

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081718AR\
 Data File : FD025410.D
 Signal(s) : FID2B.CH
 Acq On : 18 Aug 2018 6:11
 Operator : AJ\SJ
 Sample : AR IDOC SOIL 02
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 20 03:34:02 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	3953080	51.210 ug/ml
Spiked Amount 50.000		Recovery =	102.42%
6) S 2-Fluorobiphenyl (SURR)	8.293	2882724	53.613 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	107.23%
11) S ortho-Terphenyl (SURR)	11.339	4228354	49.825 ug/ml
Spiked Amount 50.000		Recovery =	99.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.236	2805183	35.916 ug/ml
2) T Naphthalene (C11.7)	5.772	3583817	41.599 ug/ml
3) T 2-Methylnaphthalene (...)	6.825	3789674	44.076 ug/ml
5) T Acenaphthylene (C15.06)	8.097	3843960	45.256 ug/ml
7) T Acenaphthene (C15.5)	8.393	4007353	45.007 ug/ml
8) T Flouorene (C16.55)	9.173	4106999	46.114 ug/ml
9) T Phenanthrene (C19.36)	10.564	4633771	51.737 ug/ml
10) T Anthracene (C19.43)	10.640	4664671	52.973 ug/ml
12) T Fluoranthene (C21.85)	12.374	5168020	58.822 ug/ml
13) T Pyrene (C20.8)	12.668	5152124	58.627 ug/ml
14) T Benzo[a]anthracene (C...	14.540	5351575	64.166 ug/ml
15) T Chrysene (C27.41)	14.584	5297926	62.890 ug/ml
16) T benzo[b]fluoranthene ...	16.088	5385091	59.855 ug/ml
17) T Bnezo[k]fluoranthene ...	16.124	5290088	58.757 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.466	5320445	57.803 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.831	5219082	55.318 ug/ml
20) T Dibenz[a,h]anthracene...	17.872	5086588	55.583 ug/ml
21) T Benzo[g,h,i]perylene ...	18.088	5235163	54.041 ug/ml

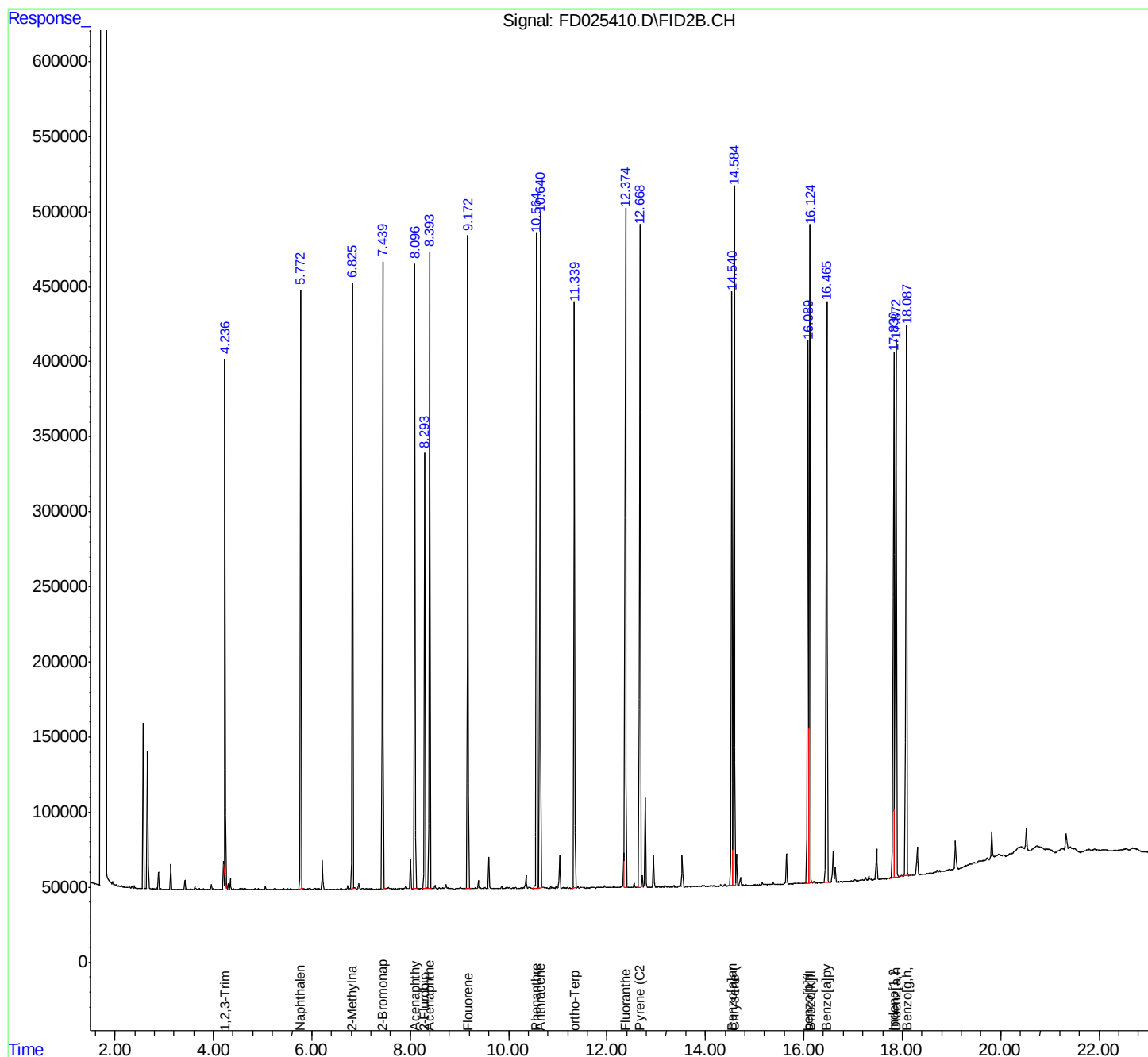
(f)=RT Delta > 1/2 Window

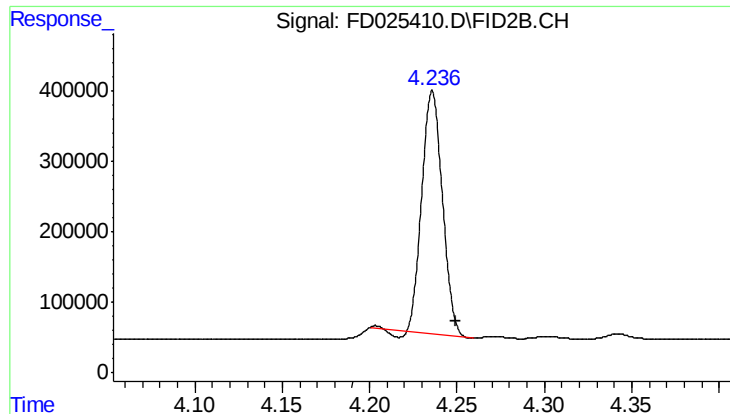
(m)=manual int.

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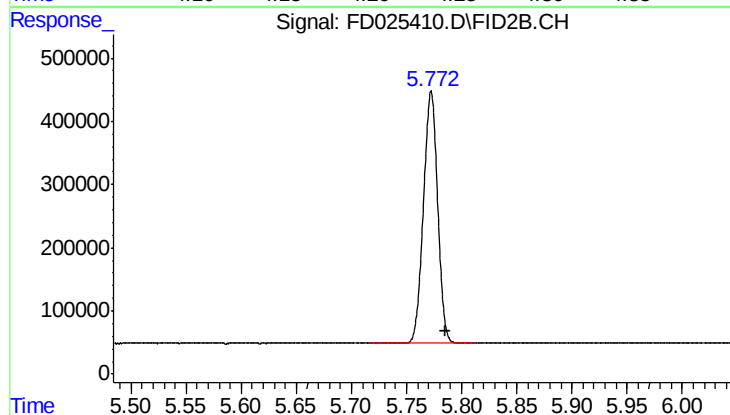
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Signal Info : 20M x 0.18mm x 0.18µm





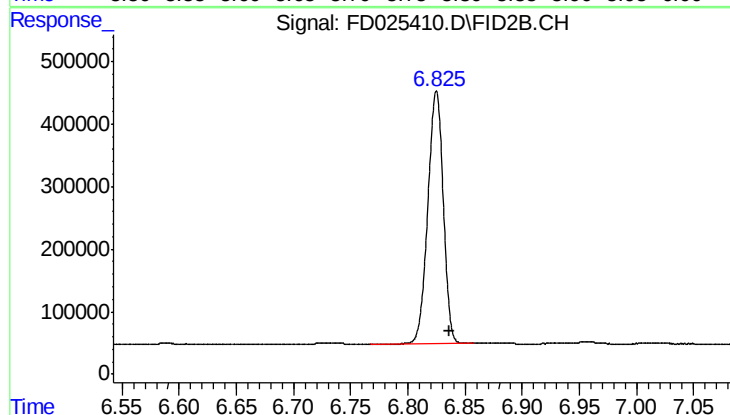
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.236 min
Delta R.T.: -0.013 min
Response: 2805183
Conc: 35.92 ug/ml



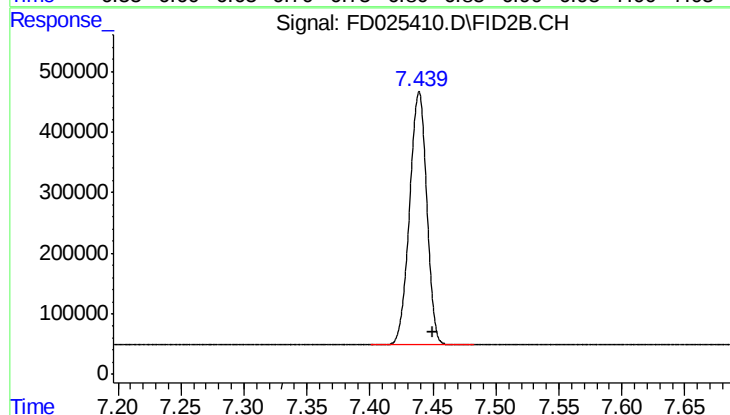
#2 Naphthalene (C11.7)

R.T.: 5.772 min
Delta R.T.: -0.013 min
Response: 3583817
Conc: 41.60 ug/ml



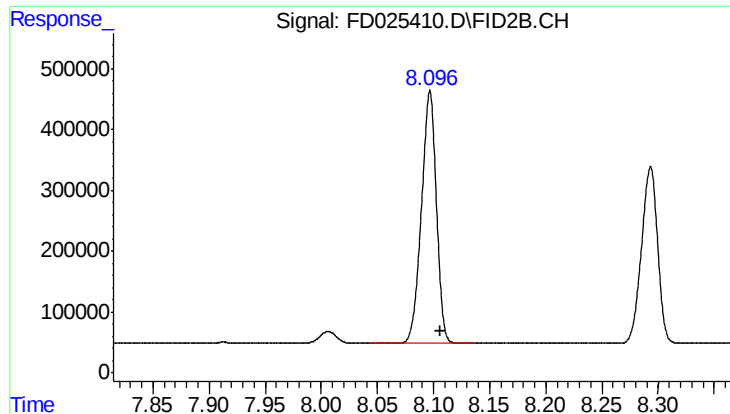
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.825 min
Delta R.T.: -0.011 min
Response: 3789674
Conc: 44.08 ug/ml



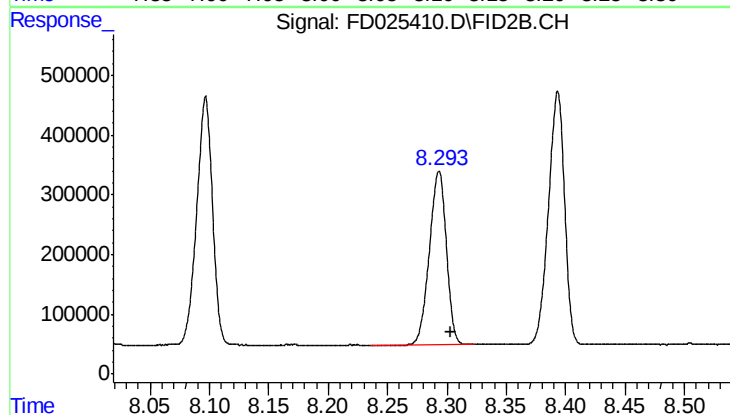
#4 2-Bromonaphthalene (SURR)

R.T.: 7.439 min
Delta R.T.: -0.010 min
Response: 3953080
Conc: 51.21 ug/ml



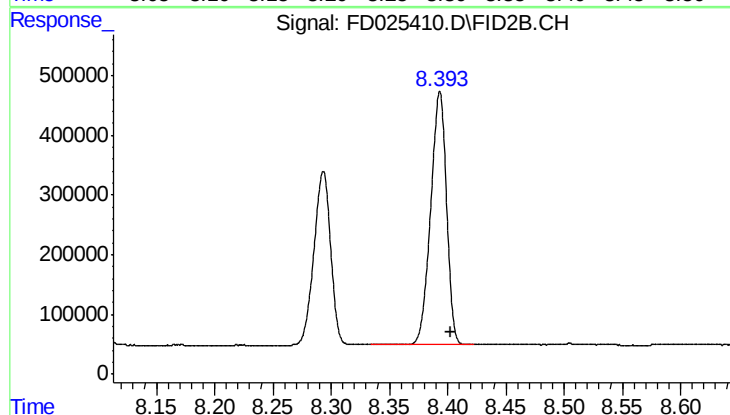
#5 Acenaphthylene (C15.06)

R.T.: 8.097 min
Delta R.T.: -0.009 min
Response: 3843960
Conc: 45.26 ug/ml



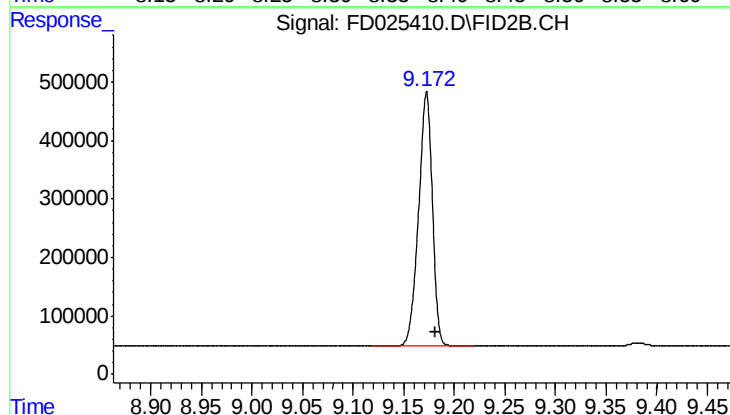
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.293 min
Delta R.T.: -0.009 min
Response: 2882724
Conc: 53.61 ug/ml



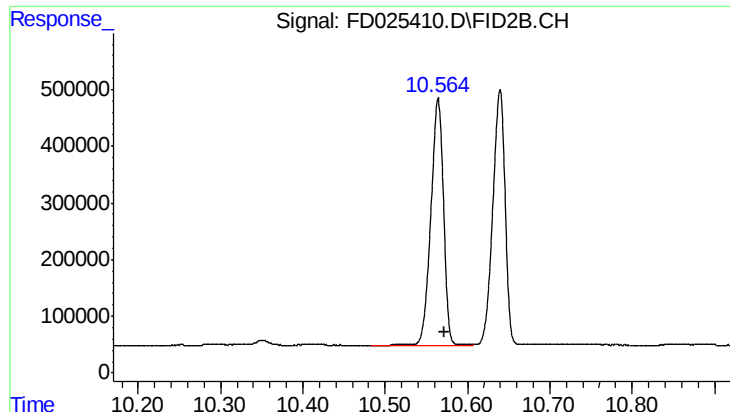
#7 Acenaphthene (C15.5)

R.T.: 8.393 min
Delta R.T.: -0.009 min
Response: 4007353
Conc: 45.01 ug/ml



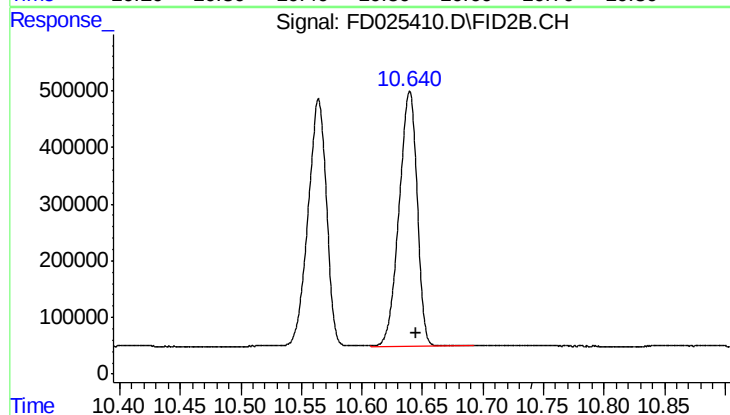
#8 Fluorene (C16.55)

R.T.: 9.173 min
Delta R.T.: -0.008 min
Response: 4106999
Conc: 46.11 ug/ml



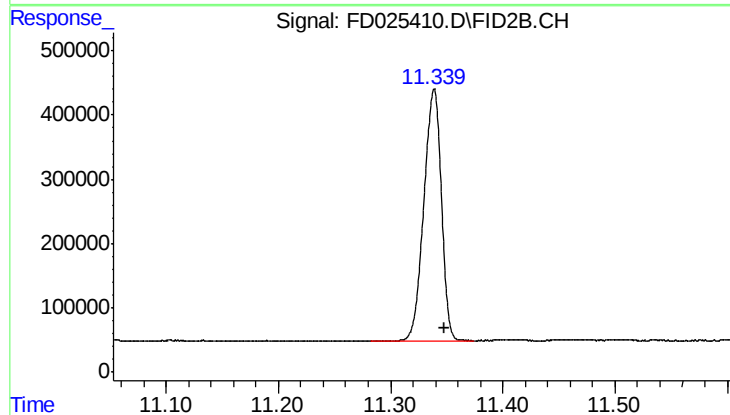
#9 Phenanthrene (C19.36)

R.T.: 10.564 min
Delta R.T.: -0.008 min
Response: 4633771
Conc: 51.74 ug/ml



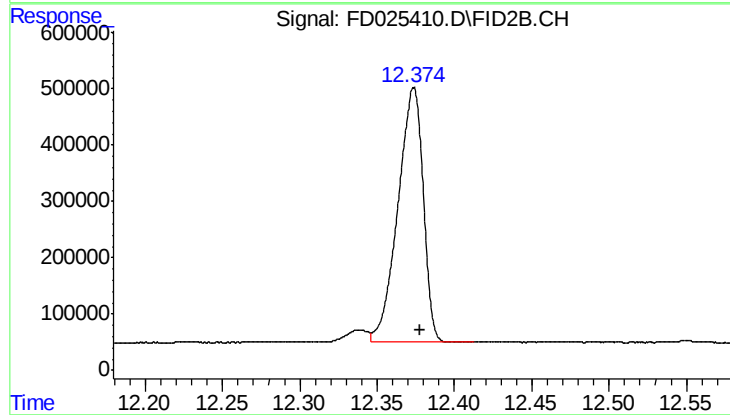
#10 Anthracene (C19.43)

R.T.: 10.640 min
Delta R.T.: -0.005 min
Response: 4664671
Conc: 52.97 ug/ml



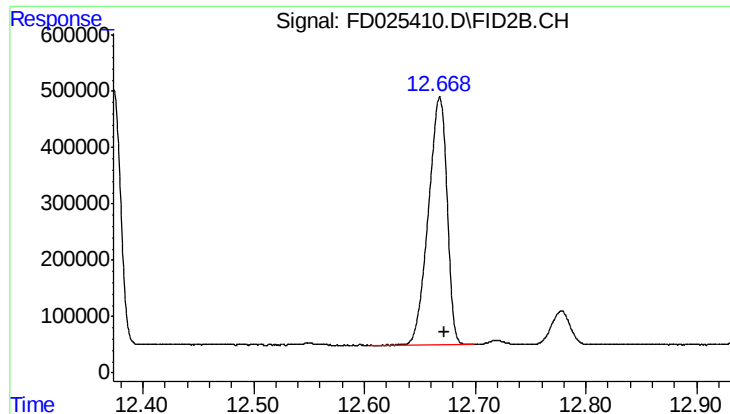
#11 ortho-Terphenyl (SURR)

R.T.: 11.339 min
Delta R.T.: -0.009 min
Response: 4228354
Conc: 49.83 ug/ml



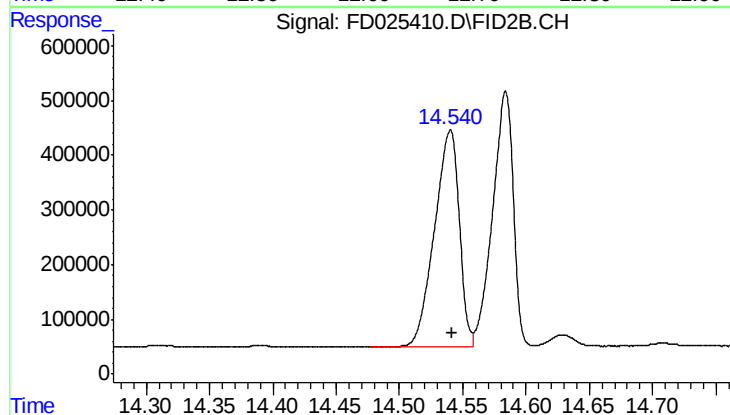
#12 Fluoranthene (C21.85)

R.T.: 12.374 min
Delta R.T.: -0.004 min
Response: 5168020
Conc: 58.82 ug/ml



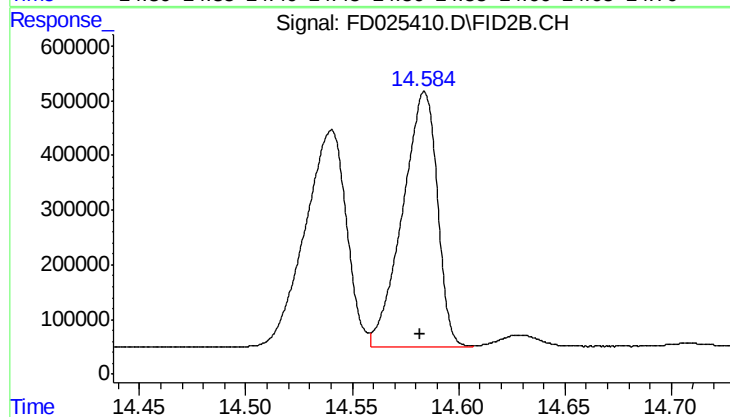
#13 Pyrene (C20.8)

R.T.: 12.668 min
Delta R.T.: -0.004 min
Response: 5152124
Conc: 58.63 ug/ml



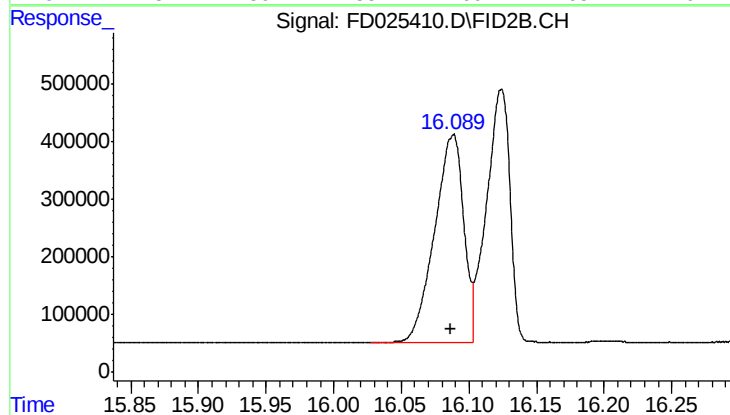
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.540 min
Delta R.T.: -0.001 min
Response: 5351575
Conc: 64.17 ug/ml



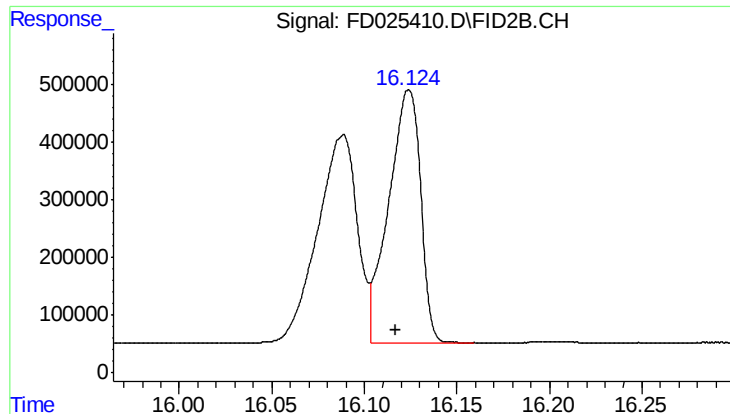
#15 Chrysene (C27.41)

R.T.: 14.584 min
Delta R.T.: 0.002 min
Response: 5297926
Conc: 62.89 ug/ml



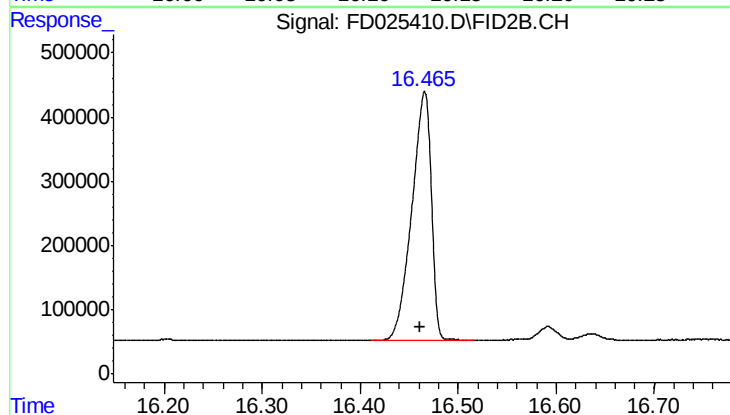
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.088 min
Delta R.T.: 0.002 min
Response: 5385091
Conc: 59.85 ug/ml



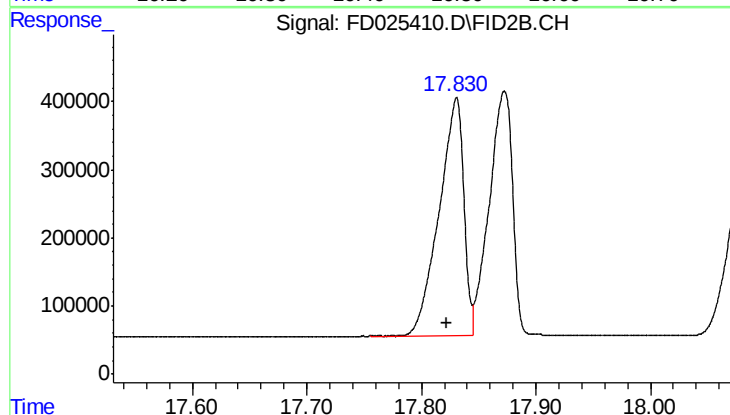
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.124 min
Delta R.T.: 0.007 min
Response: 5290088
Conc: 58.76 ug/ml



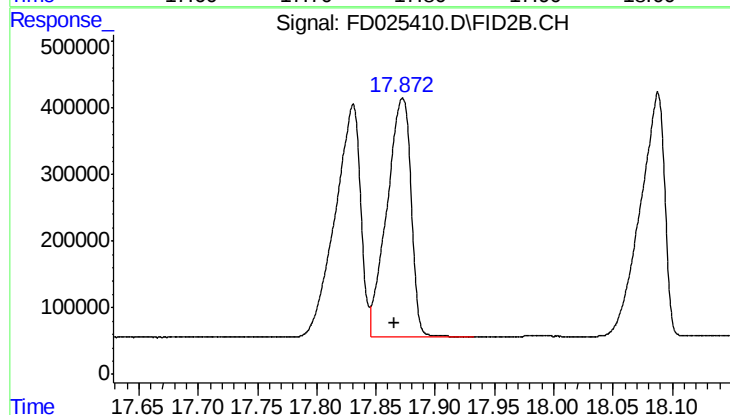
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.466 min
Delta R.T.: 0.005 min
Response: 5320445
Conc: 57.80 ug/ml



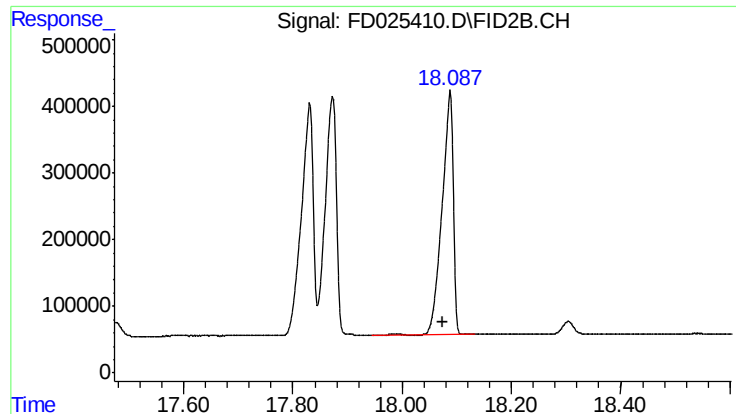
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.831 min
Delta R.T.: 0.009 min
Response: 5219082
Conc: 55.32 ug/ml



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

R.T.: 17.872 min
Delta R.T.: 0.006 min
Response: 5086588
Conc: 55.58 ug/ml



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

R.T.: 18.088 min
Delta R.T.: 0.014 min
Response: 5235163
Conc: 54.04 ug/ml