

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082018AR\
 Data File : FD025424.D
 Signal(s) : FID2B.CH
 Acq On : 20 Aug 2018 19:15
 Operator : AJ\SJ
 Sample : AR IDOC SOIL-02
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 21 04:22:56 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...	7.438	4236542	54.882 ug/ml
Spiked Amount 50.000		Recovery =	109.76%
6) S 2-Fluorobiphenyl (SURR)	8.292	2951476	54.892 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	109.78%
11) S ortho-Terphenyl (SURR)	11.337	4614722	54.378 ug/ml
Spiked Amount 50.000		Recovery =	108.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.237	3012289	38.568 ug/ml
2) T Naphthalene (C11.7)	5.771	3908464	45.367 ug/ml
3) T 2-Methylnaphthalene (...)	6.824	4169854	48.498 ug/ml
5) T Acenaphthylene (C15.06)	8.096	4294273	50.558 ug/ml
7) T Acenaphthene (C15.5)	8.392	4443245	49.903 ug/ml
8) T Flouorene (C16.55)	9.171	4560840	51.210 ug/ml
9) T Phenanthrene (C19.36)	10.564	4999622	55.822 ug/ml
10) T Anthracene (C19.43)	10.639	5021082	57.020 ug/ml
12) T Fluoranthene (C21.85)	12.373	5532631	62.971 ug/ml
13) T Pyrene (C20.8)	12.668	5480232	62.361 ug/ml
14) T Benzo[a]anthracene (C...	14.538	5737989	68.799 ug/ml
15) T Chrysene (C27.41)	14.583	5678712	67.410 ug/ml
16) T benzo[b]fluoranthene ...	16.087	5816073	64.645 ug/ml
17) T Bnezo[k]fluoranthene ...	16.123	5724006	63.576 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.465	5773105	62.721 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.829	5673358	60.133 ug/ml
20) T Dibenz[a,h]anthracene...	17.870	5542273	60.563 ug/ml
21) T Benzo[g,h,i]perylene ...	18.086	5720471	59.050 ug/ml

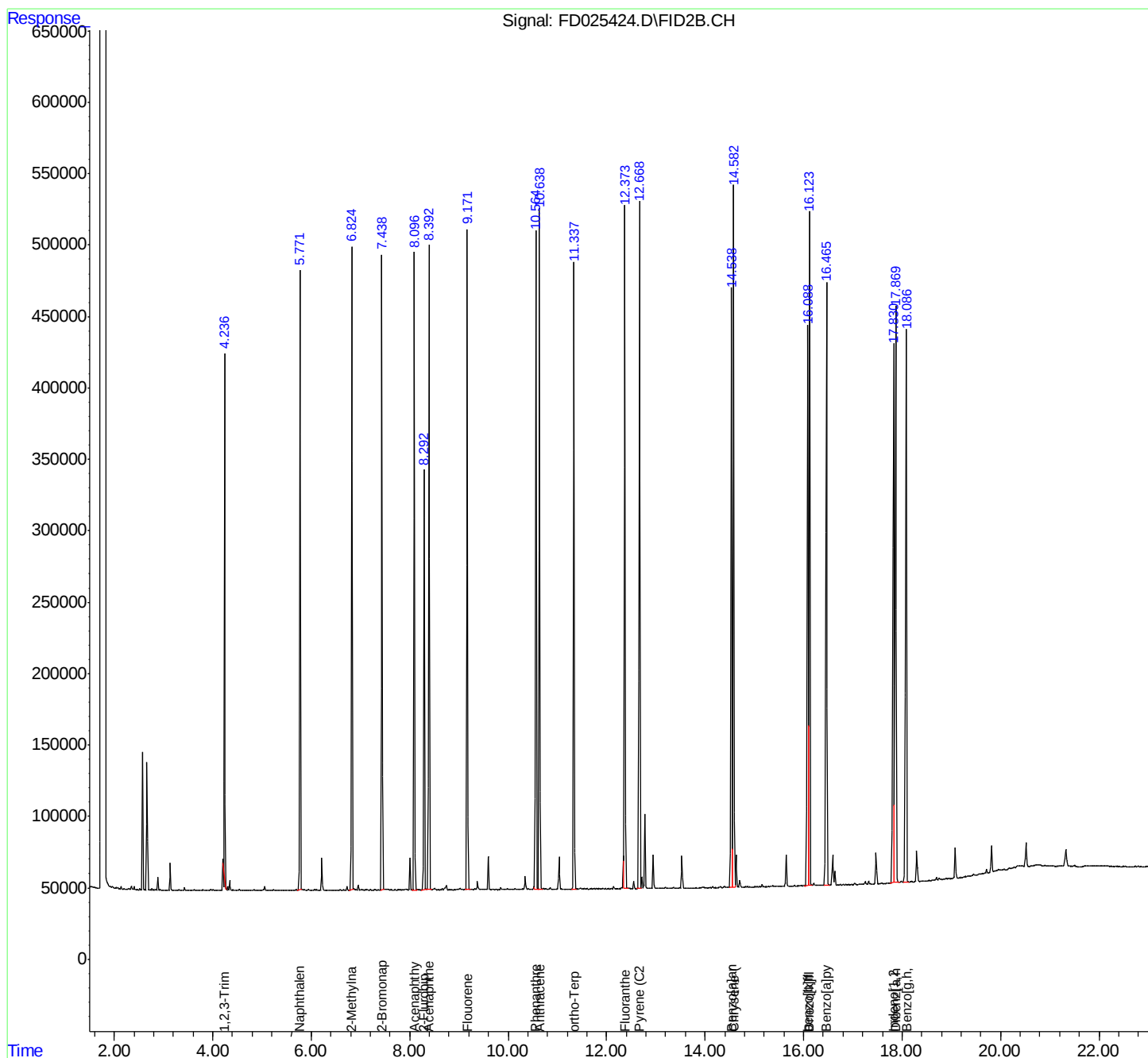
(f)=RT Delta > 1/2 Window

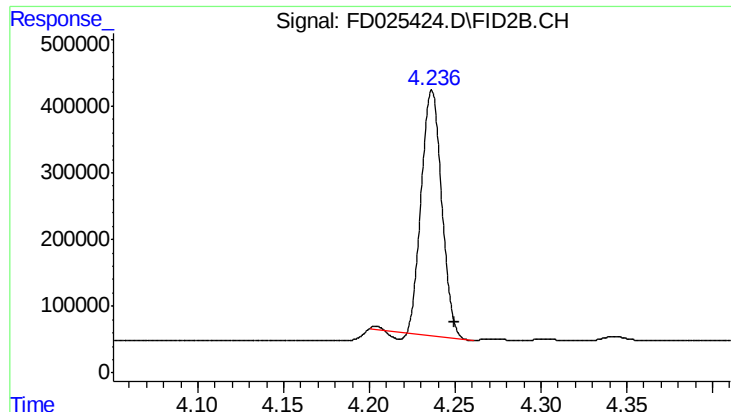
(m)=manual int.

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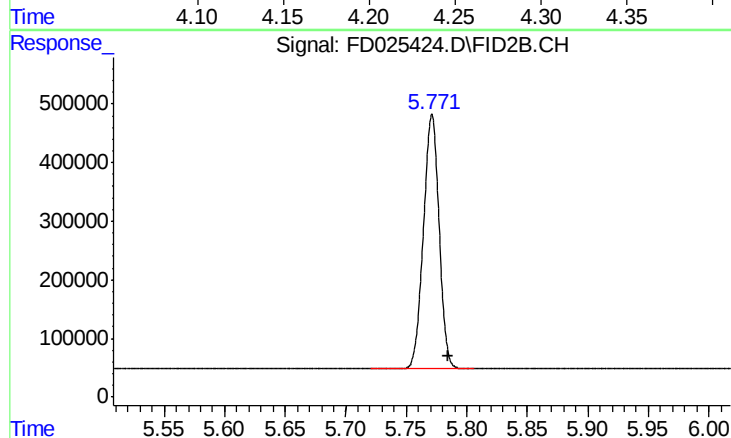
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





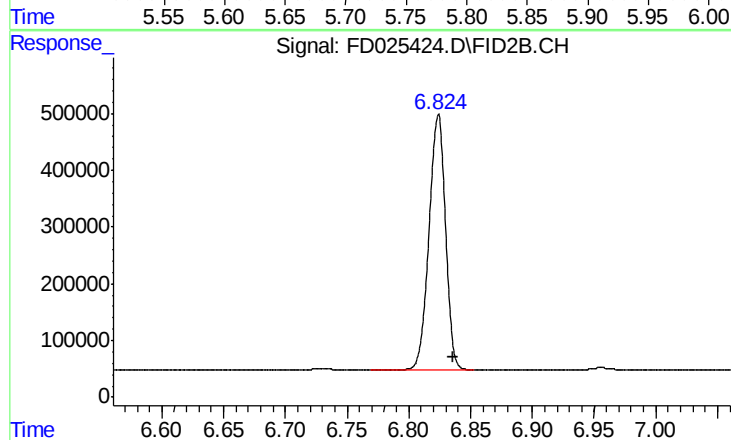
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.237 min
Delta R.T.: -0.013 min
Response: 3012289
Conc: 38.57 ug/ml



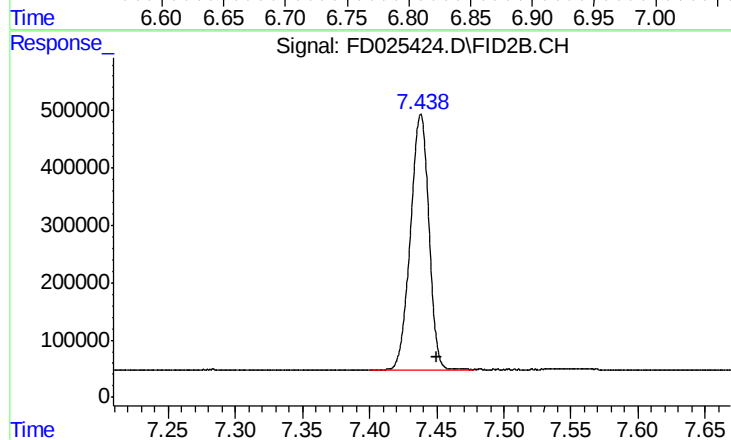
#2 Naphthalene (C11.7)

R.T.: 5.771 min
Delta R.T.: -0.014 min
Response: 3908464
Conc: 45.37 ug/ml



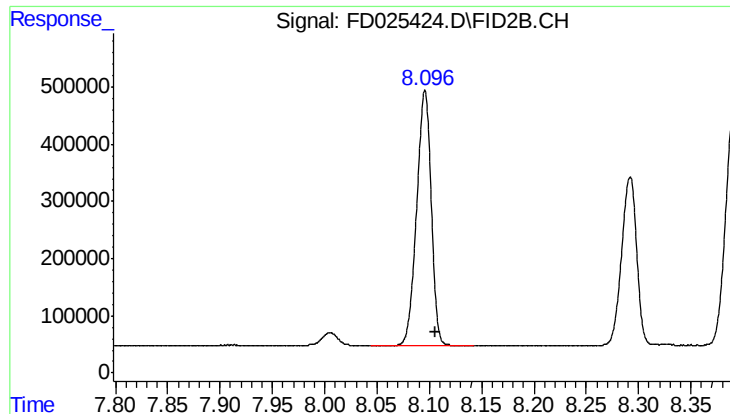
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.824 min
Delta R.T.: -0.012 min
Response: 4169854
Conc: 48.50 ug/ml



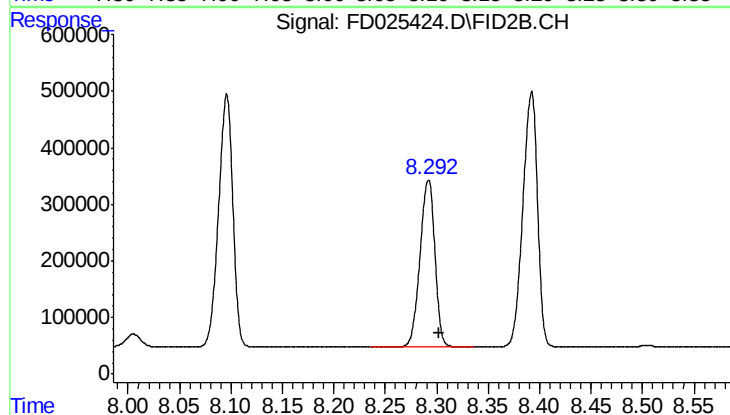
#4 2-Bromonaphthalene (SURR)

R.T.: 7.438 min
Delta R.T.: -0.011 min
Response: 4236542
Conc: 54.88 ug/ml



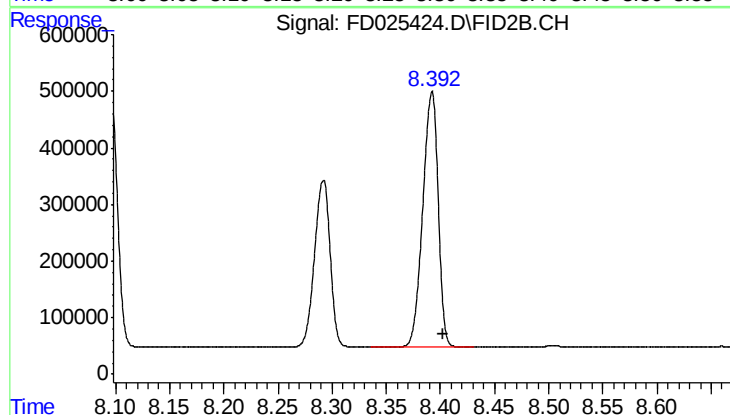
#5 Acenaphthylene (C15.06)

R.T.: 8.096 min
Delta R.T.: -0.010 min
Response: 4294273
Conc: 50.56 ug/ml



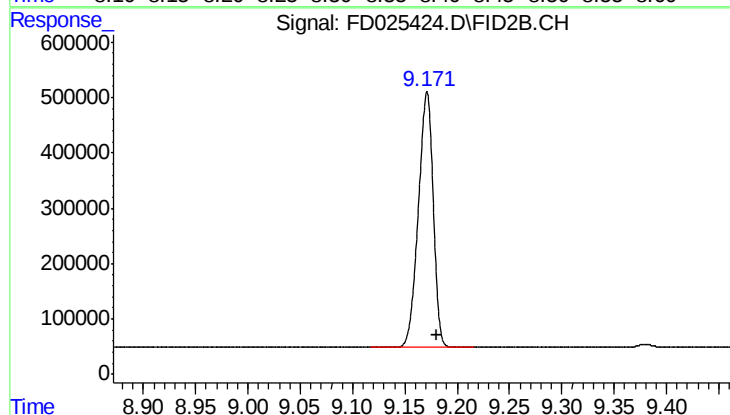
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.292 min
Delta R.T.: -0.011 min
Response: 2951476
Conc: 54.89 ug/ml



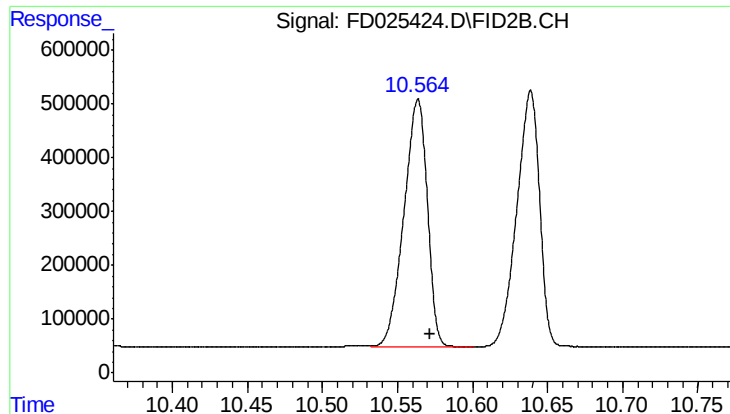
#7 Acenaphthene (C15.5)

R.T.: 8.392 min
Delta R.T.: -0.010 min
Response: 4443245
Conc: 49.90 ug/ml



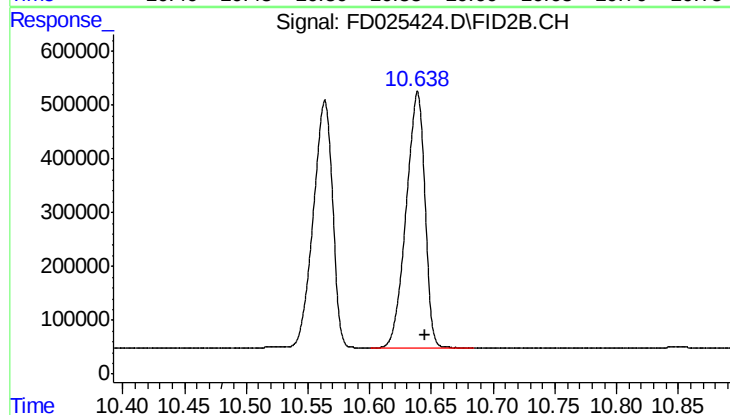
#8 Fluorene (C16.55)

R.T.: 9.171 min
Delta R.T.: -0.010 min
Response: 4560840
Conc: 51.21 ug/ml



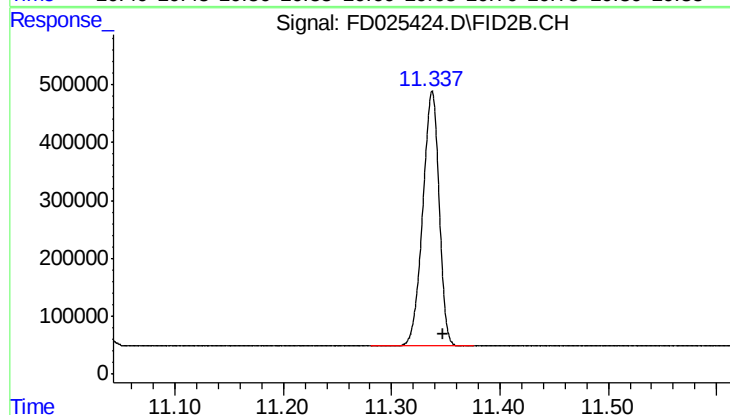
#9 Phenanthrene (C19.36)

R.T.: 10.564 min
Delta R.T.: -0.008 min
Response: 4999622
Conc: 55.82 ug/ml



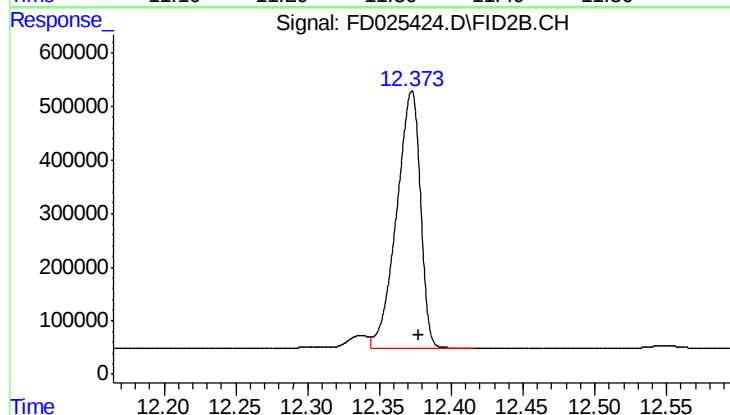
#10 Anthracene (C19.43)

R.T.: 10.639 min
Delta R.T.: -0.006 min
Response: 5021082
Conc: 57.02 ug/ml



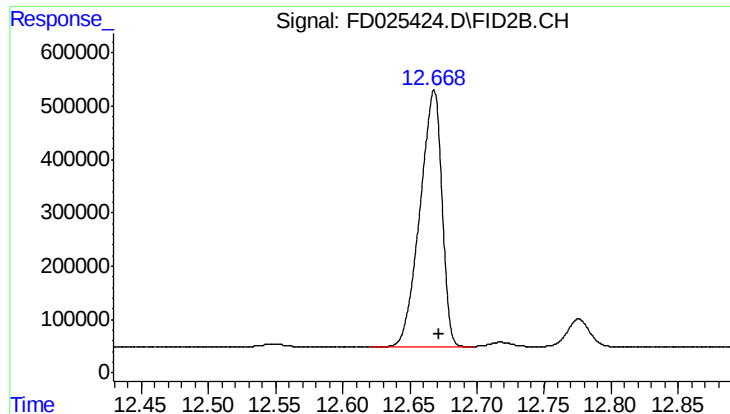
#11 ortho-Terphenyl (SURRE)

R.T.: 11.337 min
Delta R.T.: -0.010 min
Response: 4614722
Conc: 54.38 ug/ml



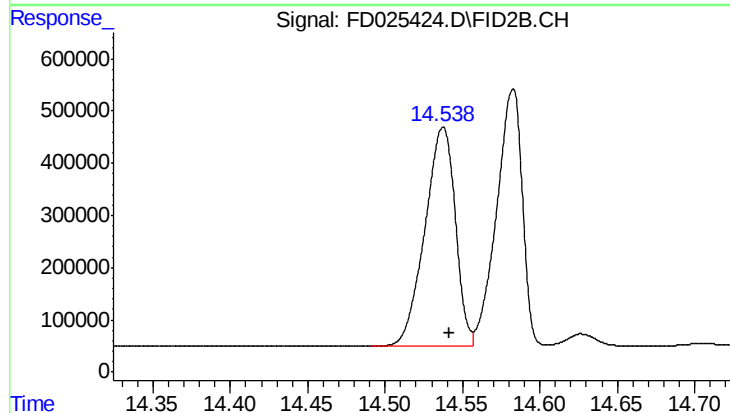
#12 Fluoranthene (C21.85)

R.T.: 12.373 min
Delta R.T.: -0.005 min
Response: 5532631
Conc: 62.97 ug/ml



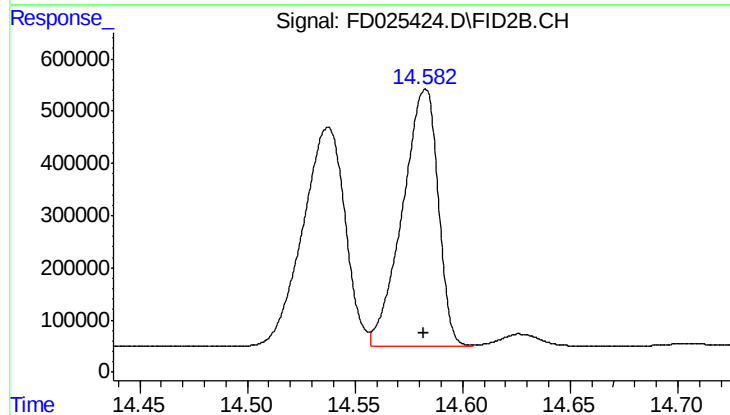
#13 Pyrene (C20.8)

R.T.: 12.668 min
Delta R.T.: -0.004 min
Response: 5480232
Conc: 62.36 ug/ml



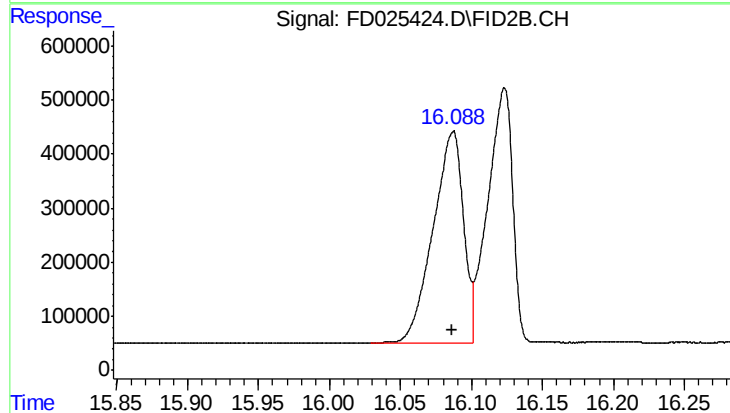
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.538 min
Delta R.T.: -0.004 min
Response: 5737989
Conc: 68.80 ug/ml



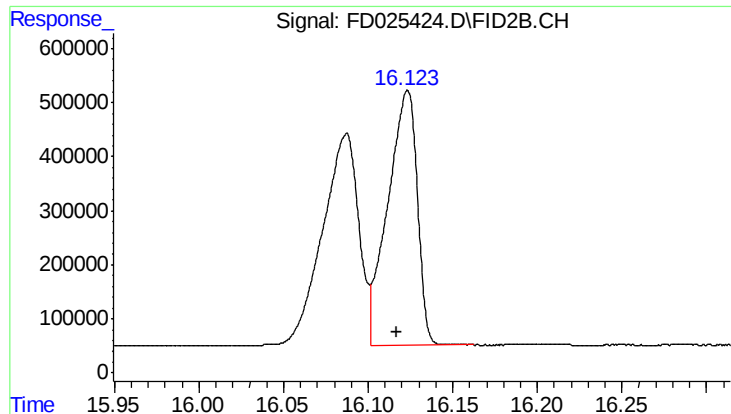
#15 Chrysene (C27.41)

R.T.: 14.583 min
Delta R.T.: 0.000 min
Response: 5678712
Conc: 67.41 ug/ml



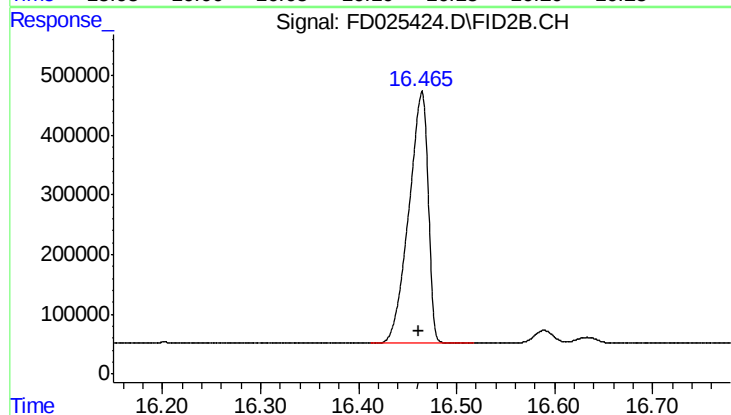
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.087 min
Delta R.T.: 0.000 min
Response: 5816073
Conc: 64.65 ug/ml



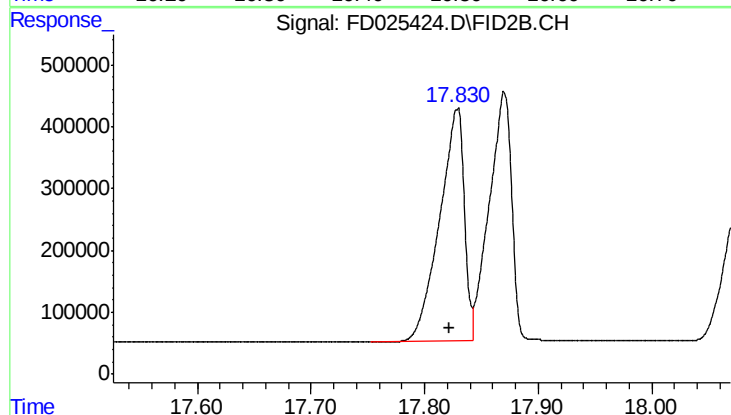
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.123 min
Delta R.T.: 0.006 min
Response: 5724006
Conc: 63.58 ug/ml



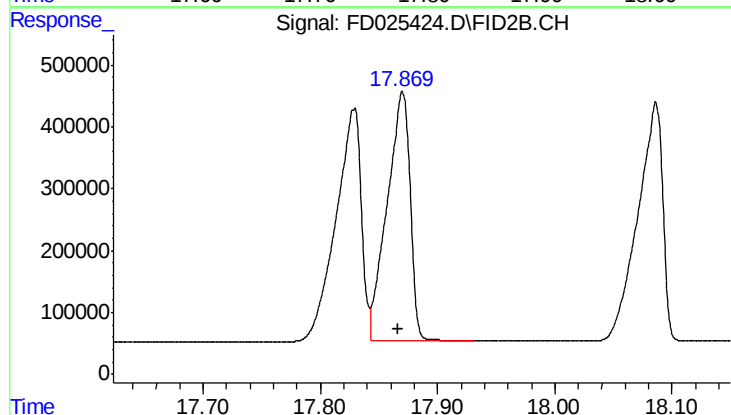
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.465 min
Delta R.T.: 0.004 min
Response: 5773105
Conc: 62.72 ug/ml



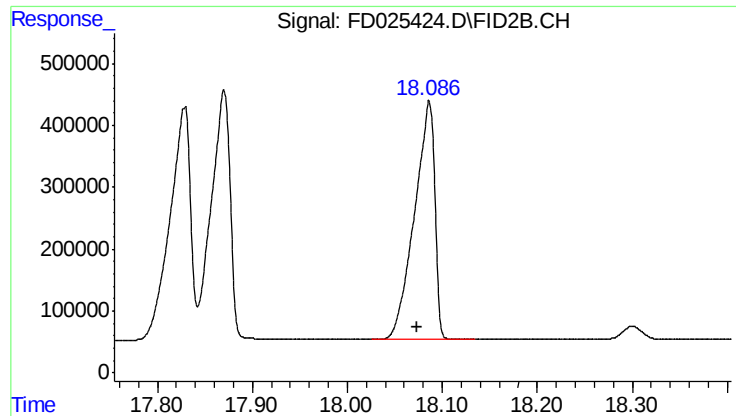
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.829 min
Delta R.T.: 0.007 min
Response: 5673358
Conc: 60.13 ug/ml



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

R.T.: 17.870 min
Delta R.T.: 0.004 min
Response: 5542273
Conc: 60.56 ug/ml



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

R.T.: 18.086 min
Delta R.T.: 0.013 min
Response: 5720471
Conc: 59.05 ug/ml