

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082018AR\
 Data File : FD025426.D
 Signal(s) : FID2B.CH
 Acq On : 20 Aug 2018 20:32
 Operator : AJ\SJ
 Sample : AR IDOC SOIL-04
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 21 04:23:29 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	4288100	55.550 ug/ml
Spiked Amount 50.000		Recovery =	111.10%
6) S 2-Fluorobiphenyl (SURR)	8.292	3143709	58.467 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	116.93%
11) S ortho-Terphenyl (SURR)	11.336	4589782	54.084 ug/ml
Spiked Amount 50.000		Recovery =	108.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.235	2927928	37.488 ug/ml
2) T Naphthalene (C11.7)	5.771	3838731	44.558 ug/ml
3) T 2-Methylnaphthalene (...)	6.824	4094564	47.622 ug/ml
5) T Acenaphthylene (C15.06)	8.095	4171282	49.110 ug/ml
7) T Acenaphthene (C15.5)	8.392	4354374	48.905 ug/ml
8) T Flouorene (C16.55)	9.171	4464395	50.127 ug/ml
9) T Phenanthrene (C19.36)	10.562	5015059	55.994 ug/ml
10) T Anthracene (C19.43)	10.638	5044726	57.289 ug/ml
12) T Fluoranthene (C21.85)	12.372	5561089	63.295 ug/ml
13) T Pyrene (C20.8)	12.667	5533375	62.966 ug/ml
14) T Benzo[a]anthracene (C...	14.538	5718397	68.564 ug/ml
15) T Chrysene (C27.41)	14.582	5672194	67.332 ug/ml
16) T benzo[b]fluoranthene ...	16.087	5737547	63.772 ug/ml
17) T Bnezo[k]fluoranthene ...	16.123	5663800	62.907 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.465	5673311	61.636 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.828	5556839	58.898 ug/ml
20) T Dibenz[a,h]anthracene...	17.870	5417364	59.198 ug/ml
21) T Benzo[g,h,i]perylene ...	18.085	5568782	57.485 ug/ml

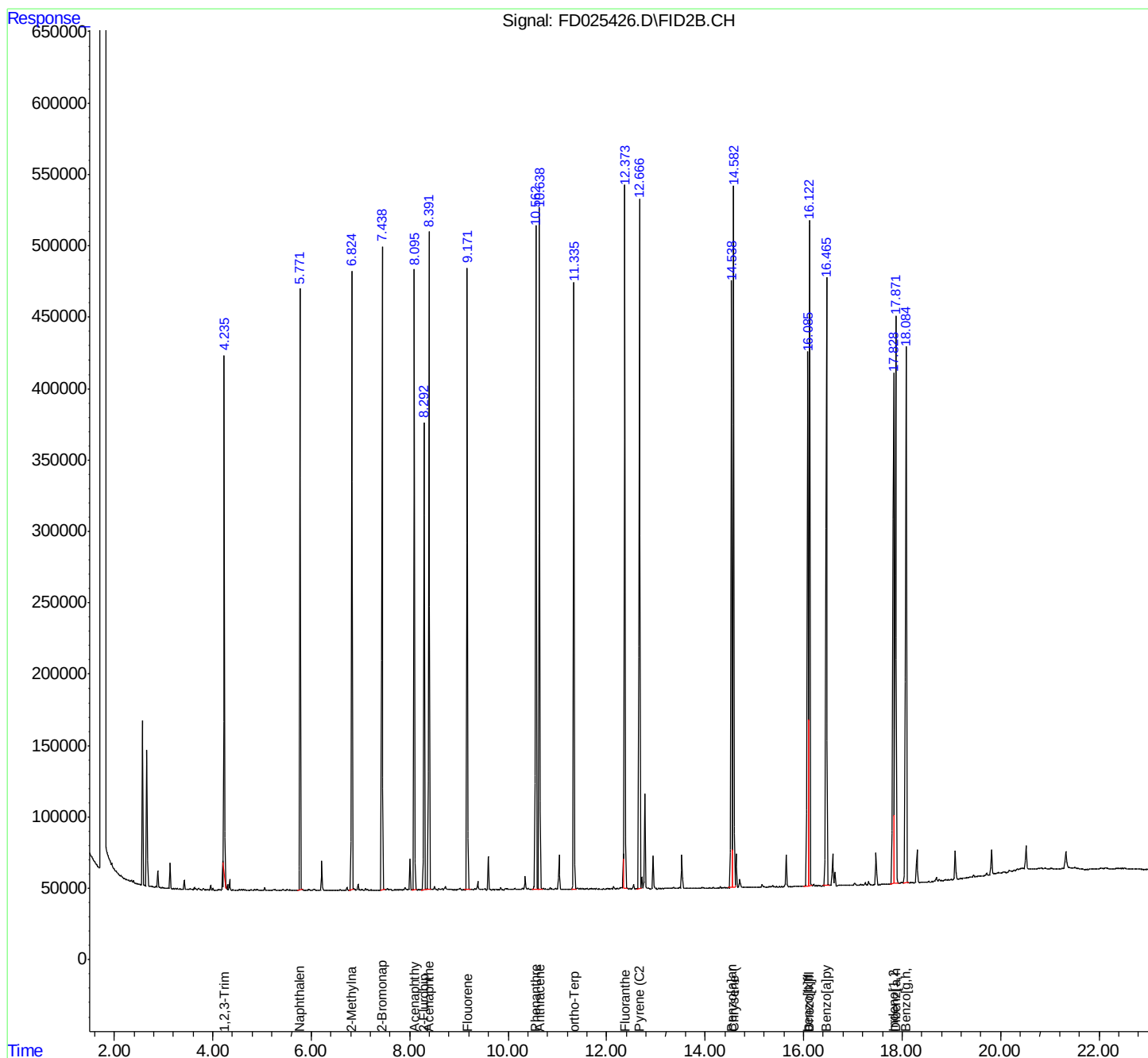
(f)=RT Delta > 1/2 Window

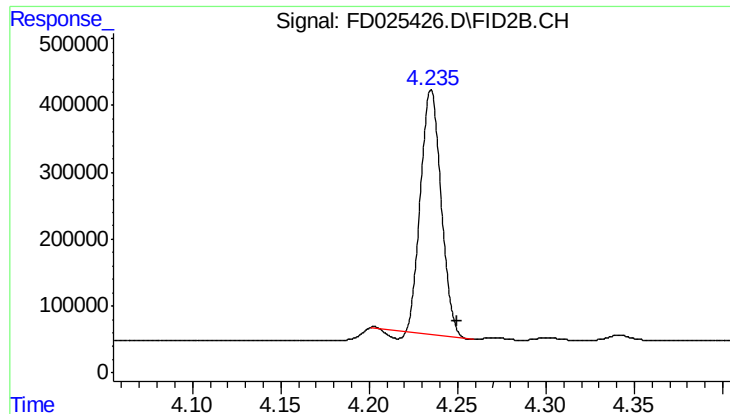
(m)=manual int.

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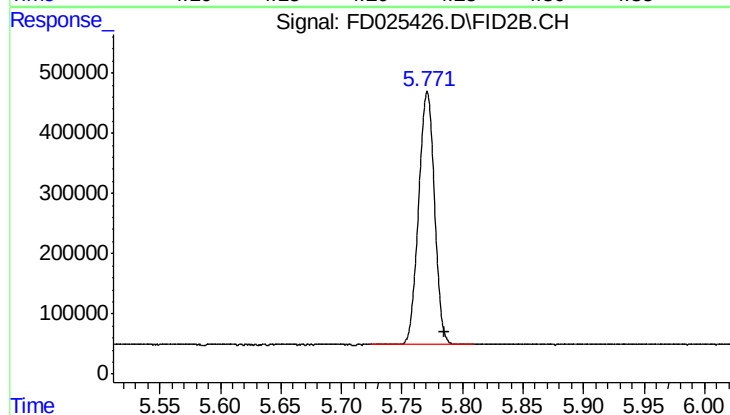
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Signal Info : 20M x 0.18mm x 0.18µm





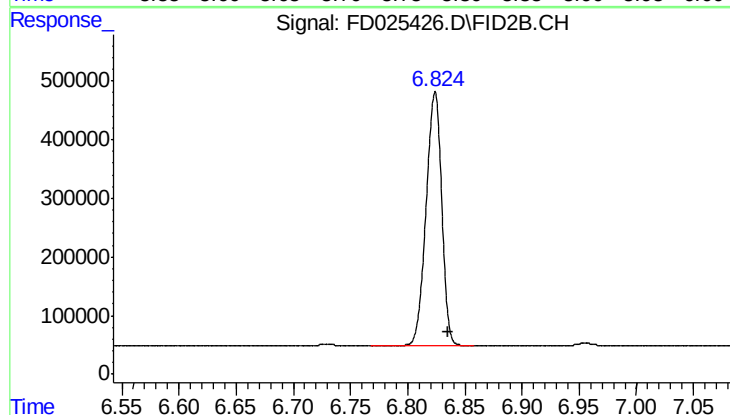
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.235 min
Delta R.T.: -0.014 min
Response: 2927928
Conc: 37.49 ug/ml



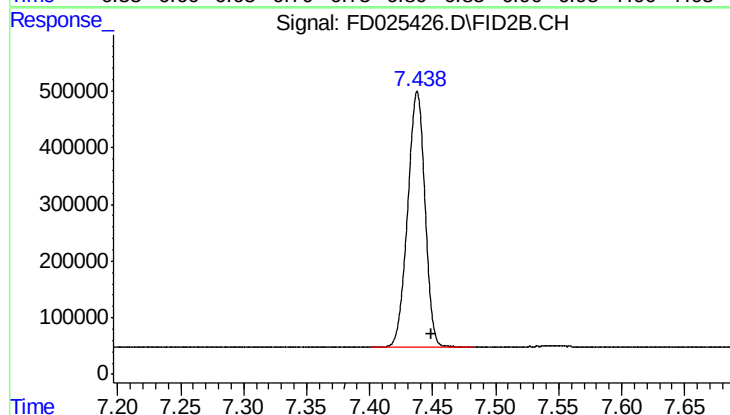
#2 Naphthalene (C11.7)

R.T.: 5.771 min
Delta R.T.: -0.014 min
Response: 3838731
Conc: 44.56 ug/ml



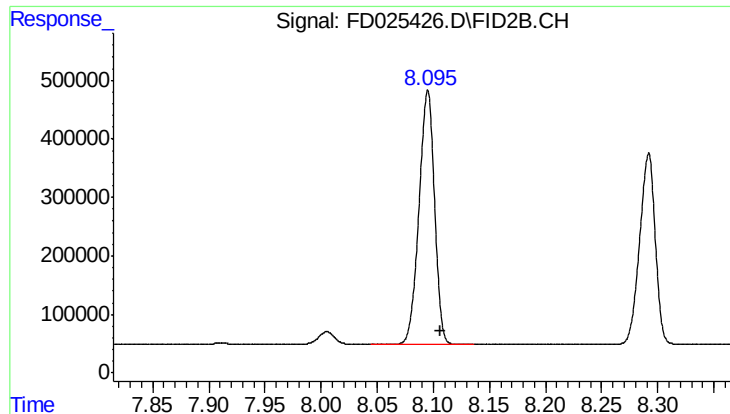
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.824 min
Delta R.T.: -0.012 min
Response: 4094564
Conc: 47.62 ug/ml



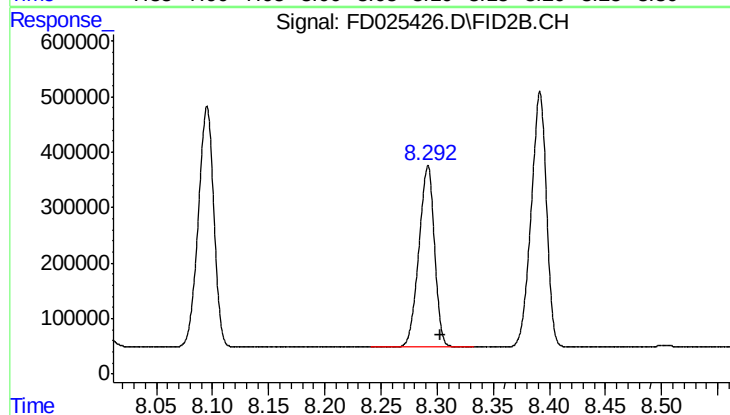
#4 2-Bromonaphthalene (SURR)

R.T.: 7.438 min
Delta R.T.: -0.012 min
Response: 4288100
Conc: 55.55 ug/ml



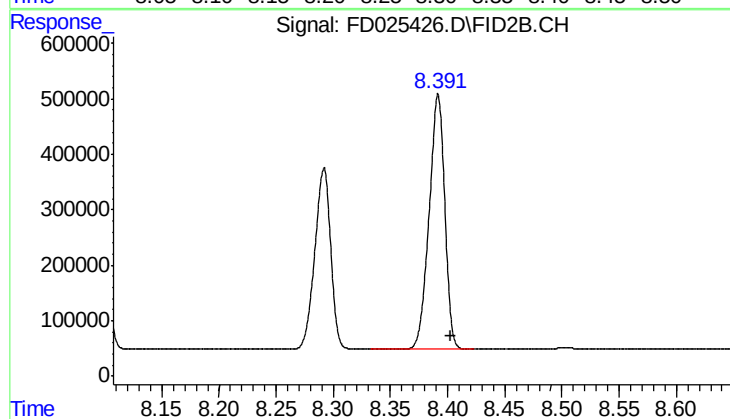
#5 Acenaphthylene (C15.06)

R.T.: 8.095 min
Delta R.T.: -0.011 min
Response: 4171282
Conc: 49.11 ug/ml



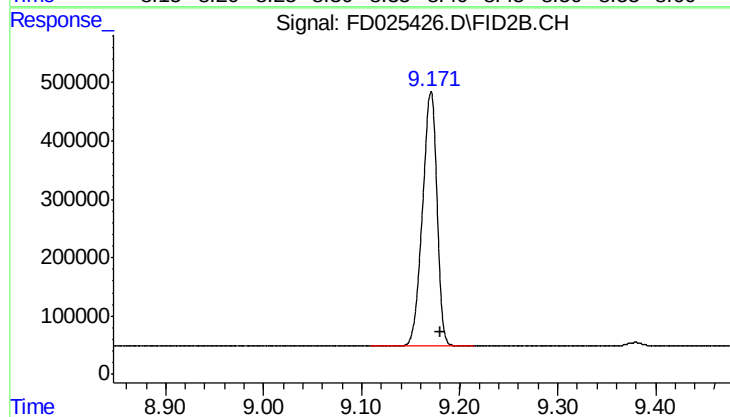
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.292 min
Delta R.T.: -0.011 min
Response: 3143709
Conc: 58.47 ug/ml



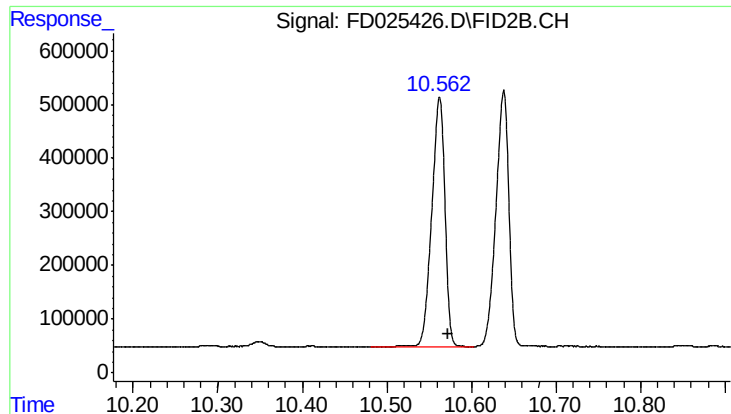
#7 Acenaphthene (C15.5)

R.T.: 8.392 min
Delta R.T.: -0.010 min
Response: 4354374
Conc: 48.90 ug/ml



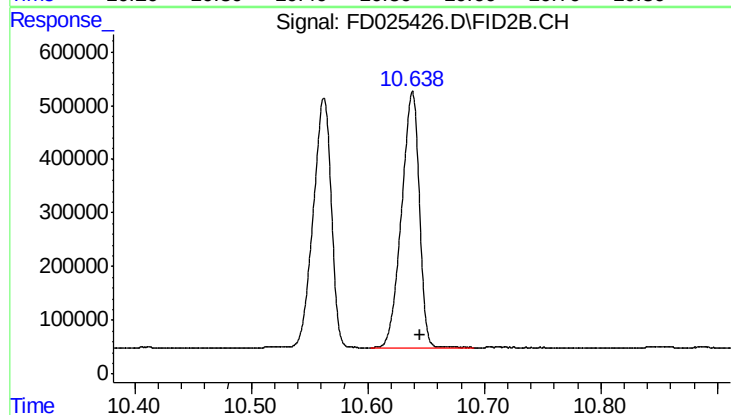
#8 Fluorene (C16.55)

R.T.: 9.171 min
Delta R.T.: -0.010 min
Response: 4464395
Conc: 50.13 ug/ml



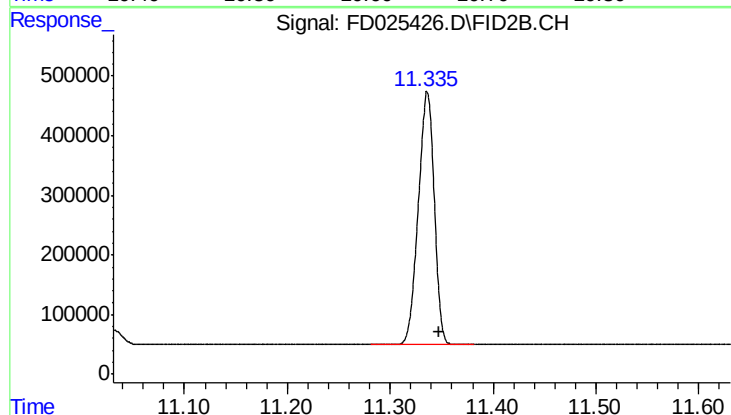
#9 Phenanthrene (C19.36)

R.T.: 10.562 min
Delta R.T.: -0.010 min
Response: 5015059
Conc: 55.99 ug/ml



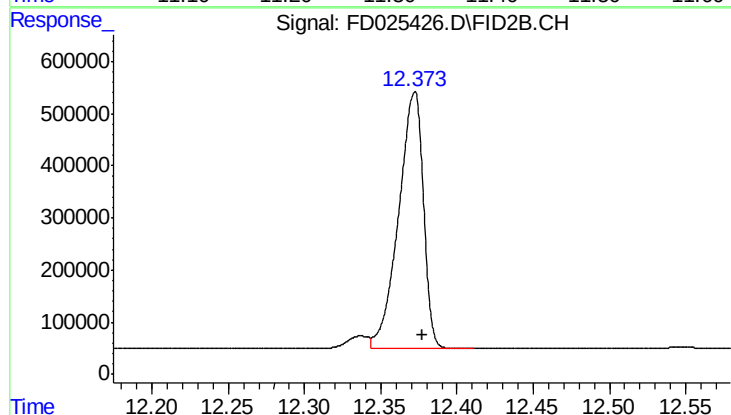
#10 Anthracene (C19.43)

R.T.: 10.638 min
Delta R.T.: -0.007 min
Response: 5044726
Conc: 57.29 ug/ml



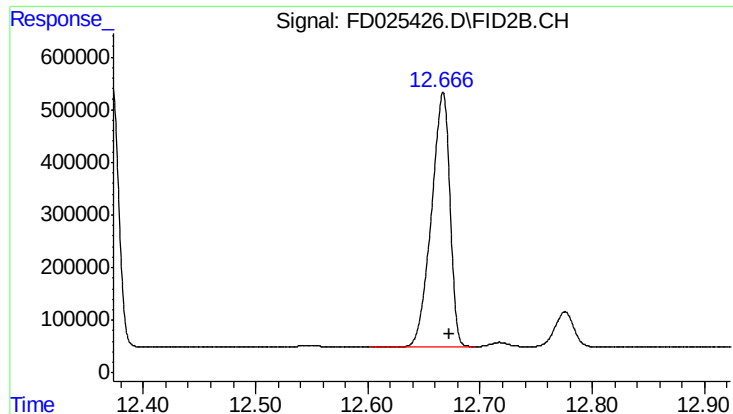
#11 ortho-Terphenyl (SURRE)

R.T.: 11.336 min
Delta R.T.: -0.012 min
Response: 4589782
Conc: 54.08 ug/ml



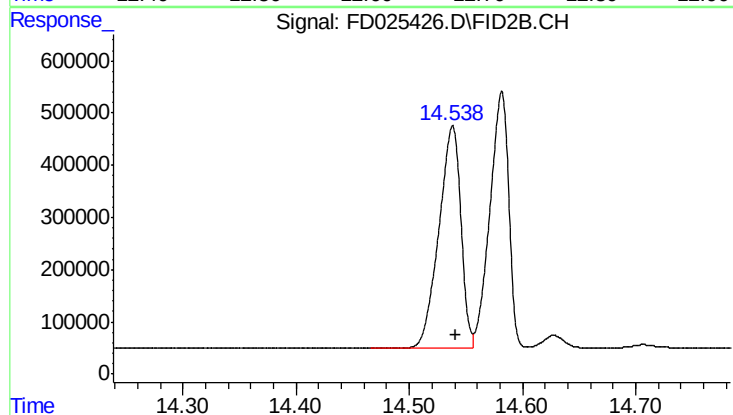
#12 Fluoranthene (C21.85)

R.T.: 12.372 min
Delta R.T.: -0.005 min
Response: 5561089
Conc: 63.30 ug/ml



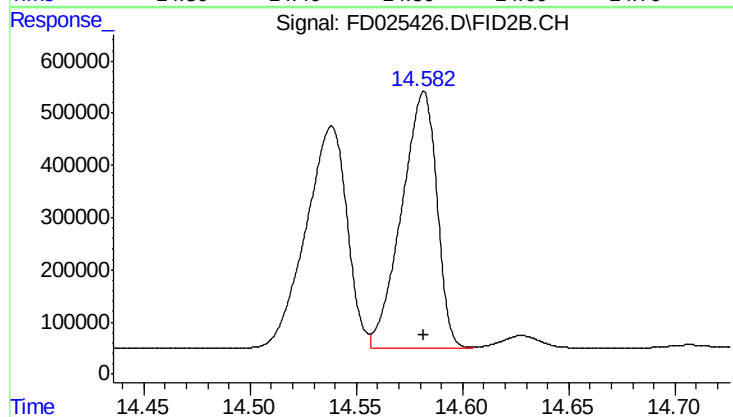
#13 Pyrene (C20.8)

R.T.: 12.667 min
Delta R.T.: -0.005 min
Response: 5533375
Conc: 62.97 ug/ml



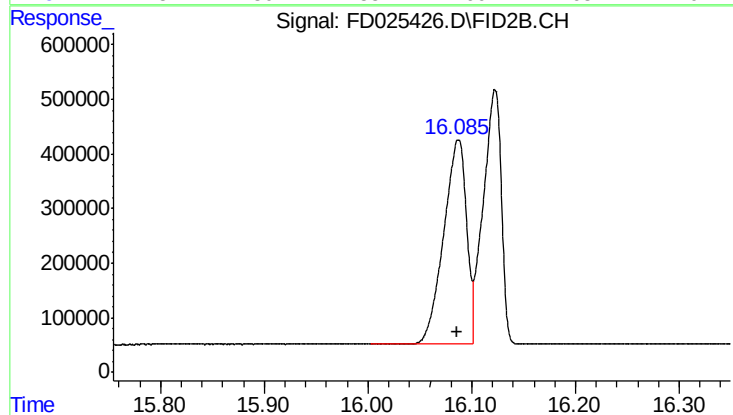
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.538 min
Delta R.T.: -0.003 min
Response: 5718397
Conc: 68.56 ug/ml



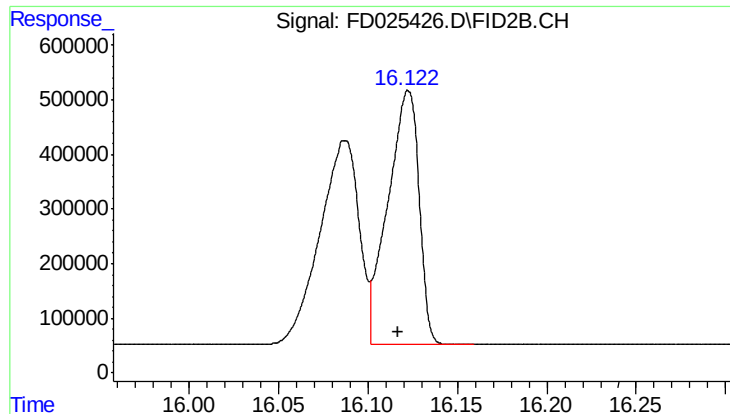
#15 Chrysene (C27.41)

R.T.: 14.582 min
Delta R.T.: 0.000 min
Response: 5672194
Conc: 67.33 ug/ml



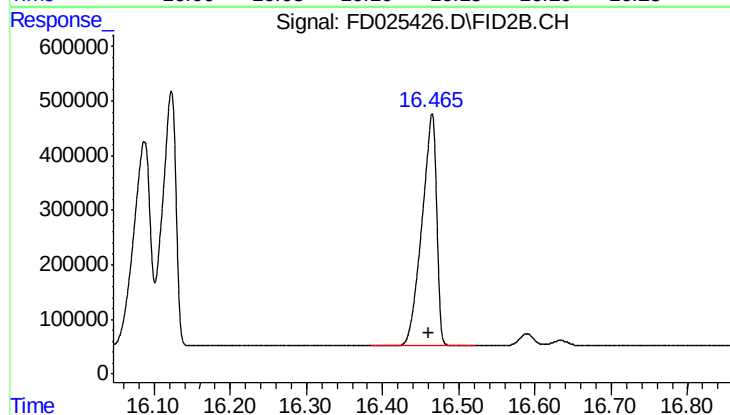
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.087 min
Delta R.T.: 0.001 min
Response: 5737547
Conc: 63.77 ug/ml



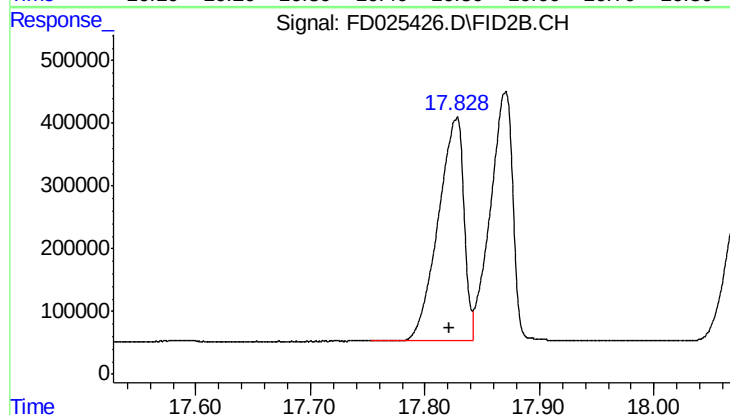
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.123 min
Delta R.T.: 0.006 min
Response: 5663800
Conc: 62.91 ug/ml



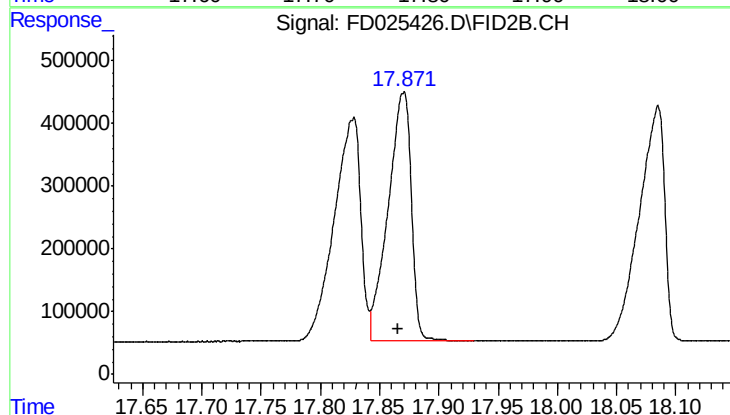
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.465 min
Delta R.T.: 0.004 min
Response: 5673311
Conc: 61.64 ug/ml



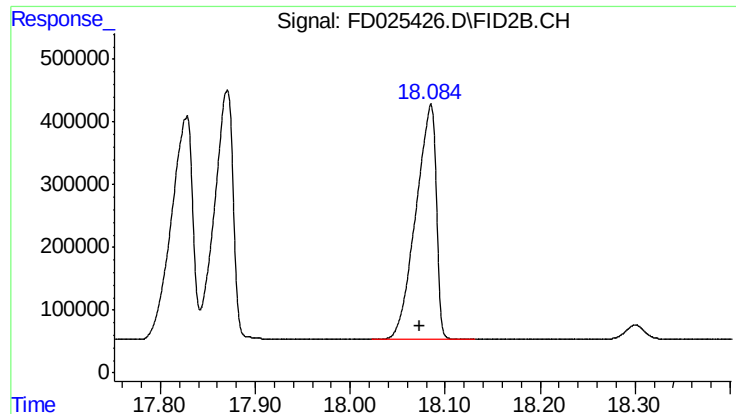
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.828 min
Delta R.T.: 0.006 min
Response: 5556839
Conc: 58.90 ug/ml



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

R.T.: 17.870 min
Delta R.T.: 0.004 min
Response: 5417364
Conc: 59.20 ug/ml



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

R.T.: 18.085 min
Delta R.T.: 0.011 min
Response: 5568782
Conc: 57.48 ug/ml