

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD091418AR\
 Data File : FD025575.D
 Signal(s) : FID2B.CH
 Acq On : 14 Sep 2018 18:43
 Operator : AJ\SJ
 Sample : PB112881BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 17 10:35:20 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082118.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 21 14:40:04 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...	7.434	3380297	41.932 ug/ml
Spiked Amount 50.000		Recovery =	83.86%
6) S 2-Fluorobiphenyl (SURR)	8.288	2386047	42.019 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.04%
11) S ortho-Terphenyl (SURR)	11.332	4750690	50.680 ug/ml
Spiked Amount 50.000		Recovery =	101.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.234	3007249	38.272 ug/mlm
2) T Naphthalene (C11.7)	5.769	3741626	42.780 ug/ml
3) T 2-Methylnaphthalene (...)	6.821	4119514	46.461 ug/ml
5) T Acenaphthylene (C15.06)	8.092	4238914	47.553 ug/ml
7) T Acenaphthene (C15.5)	8.388	4403738	47.080 ug/ml
8) T Fluorene (C16.55)	9.167	4526082	47.299 ug/ml
9) T Phenanthrene (C19.36)	10.558	4923086	50.974 ug/ml
10) T Anthracene (C19.43)	10.633	4935771	52.013 ug/ml
12) T Fluoranthene (C21.85)	12.366	5433272	56.636 ug/ml
13) T Pyrene (C20.8)	12.661	5372248	56.145 ug/ml
14) T Benzo[<i>a</i>]anthracene (C...	14.531	5778976	64.573 ug/ml
15) T Chrysene (C27.41)	14.576	5715253	63.704 ug/ml
16) T benzo[<i>b</i>]fluoranthene ...	16.078	5917676	61.926 ug/ml
17) T Benzo[<i>k</i>]fluoranthene ...	16.115	5819646	60.099 ug/ml
18) T Benzo[<i>a</i>]pyrene (C31.34)	16.456	5879671	60.434 ug/ml
19) T Indeno[1,2,3- <i>cd</i>]pyren...	17.819	5788106	56.462 ug/ml
20) T Dibenz[<i>a,h</i>]anthracene...	17.860	5656505	56.152 ug/ml
21) T Benzo[<i>a,h,i</i>]pervlene ...	18.075	5702765	55.123 ug/ml

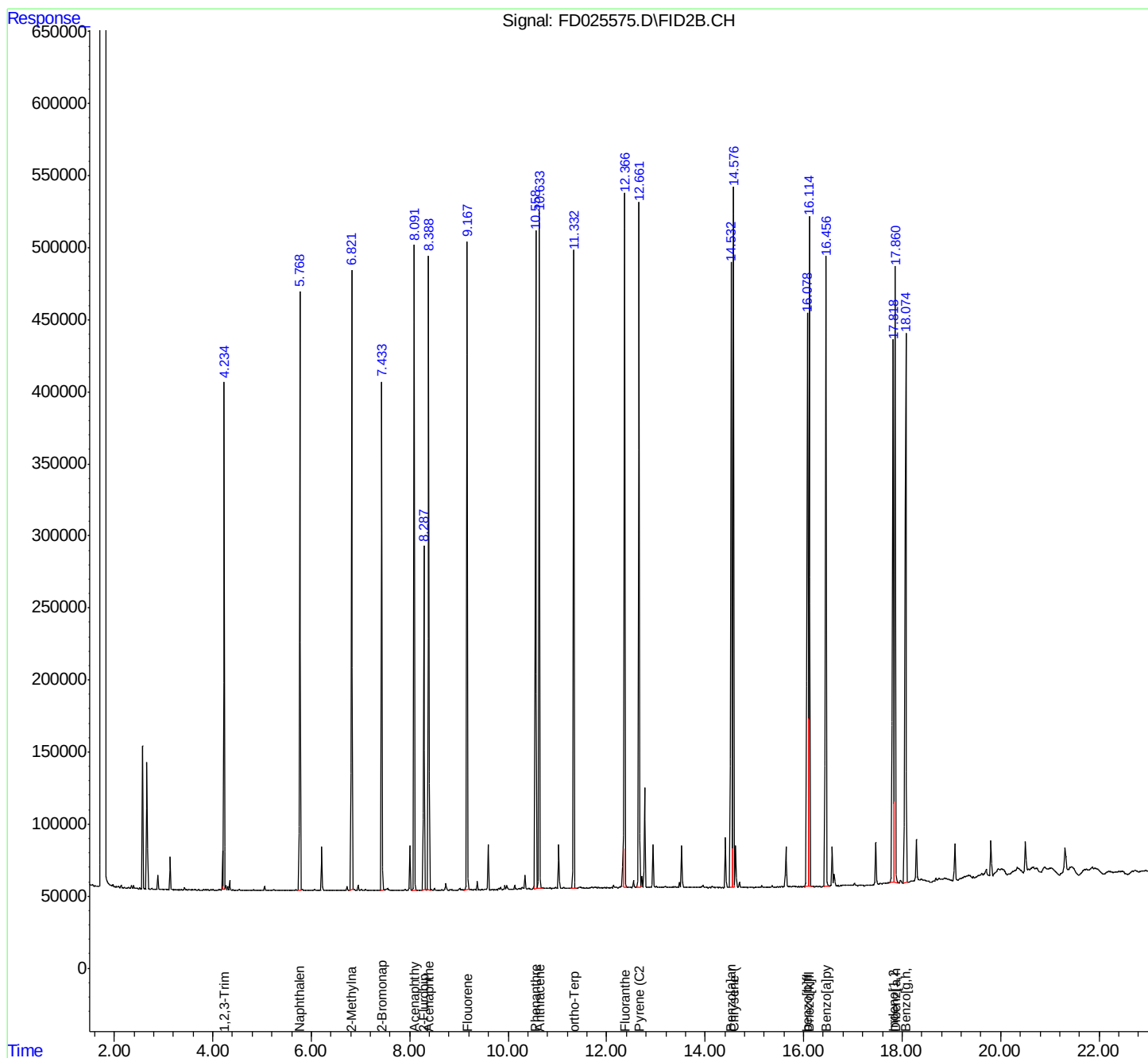
(f)=RT Delta > 1/2 Window

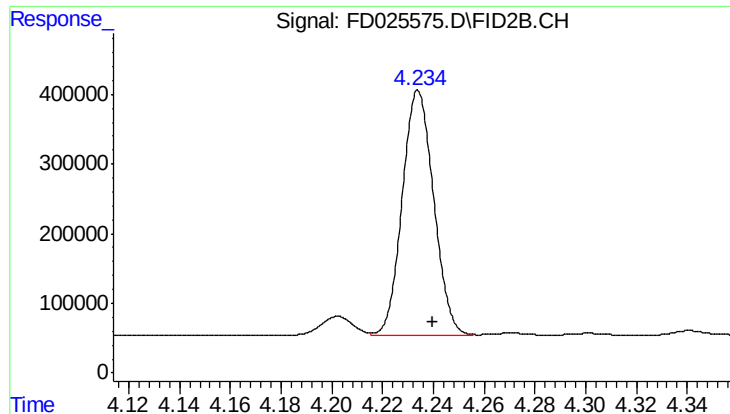
(m)=manual int.

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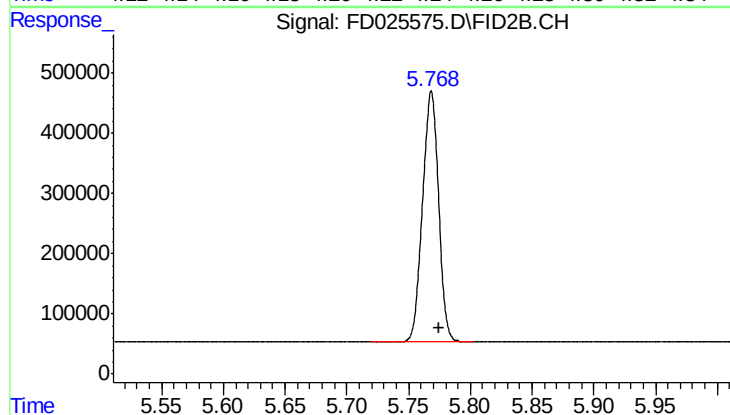
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Signal Info : 20M x 0.18mm x 0.18µm





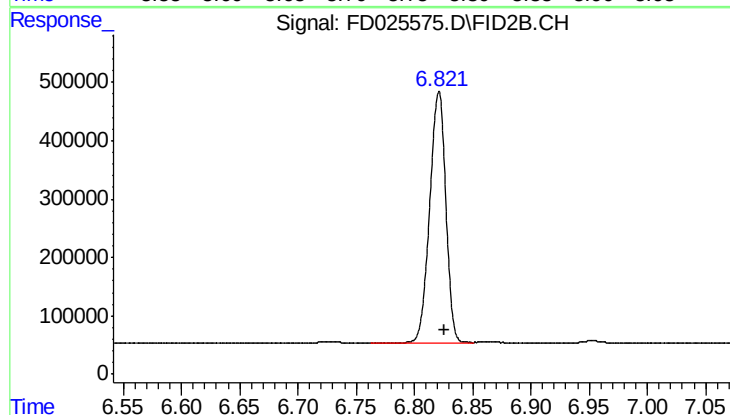
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.234 min
Delta R.T.: -0.006 min
Response: 3007249
Conc: 38.27 ug/ml m



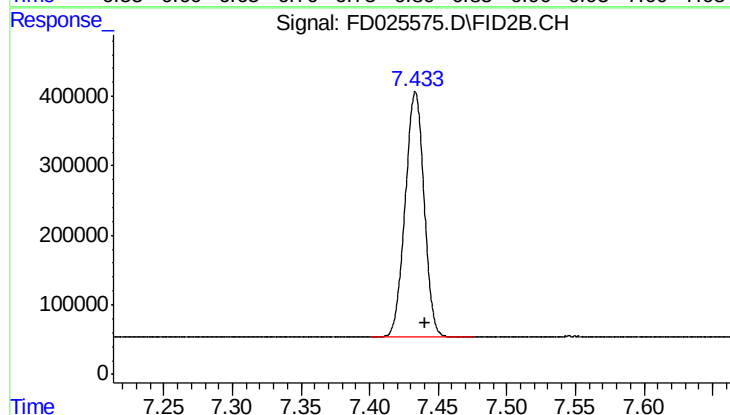
#2 Naphthalene (C11.7)

R.T.: 5.769 min
Delta R.T.: -0.007 min
Response: 3741626
Conc: 42.78 ug/ml



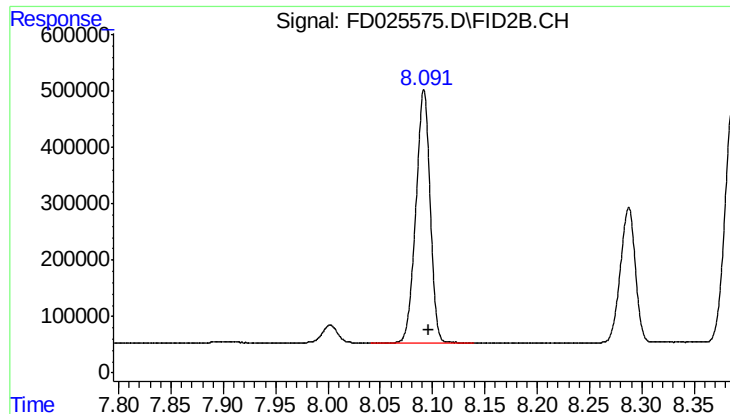
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.821 min
Delta R.T.: -0.005 min
Response: 4119514
Conc: 46.46 ug/ml



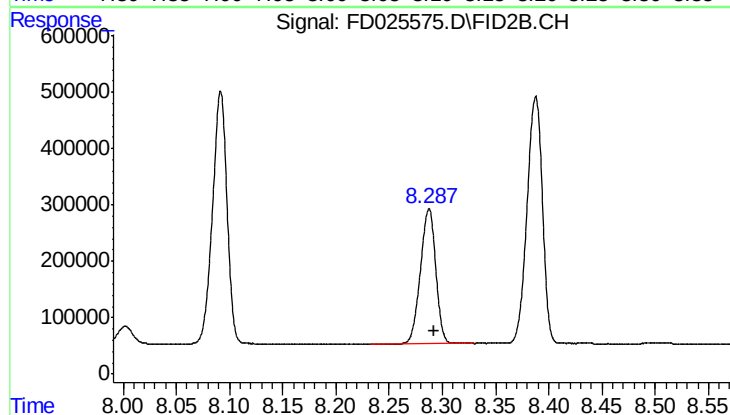
#4 2-Bromonaphthalene (SURR)

R.T.: 7.434 min
Delta R.T.: -0.007 min
Response: 3380297
Conc: 41.93 ug/ml



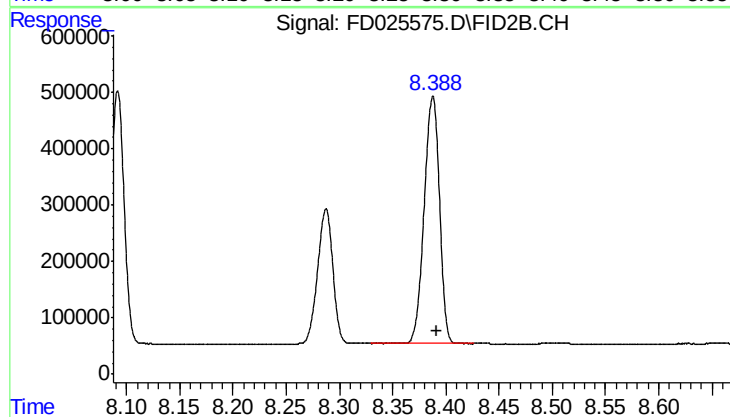
#5 Acenaphthylene (C15.06)

R.T.: 8.092 min
Delta R.T.: -0.004 min
Response: 4238914
Conc: 47.55 ug/ml



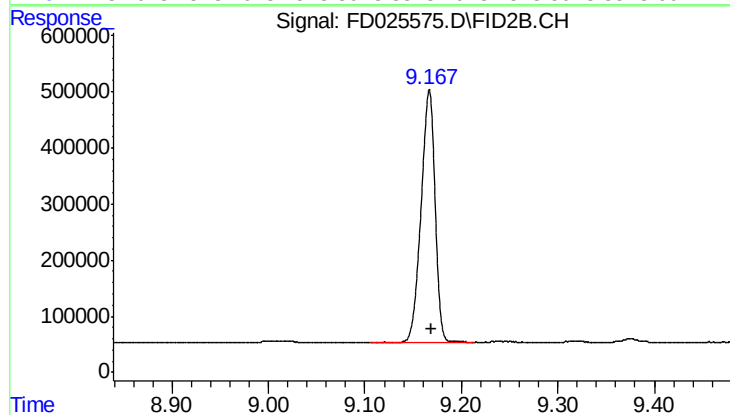
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.288 min
Delta R.T.: -0.005 min
Response: 2386047
Conc: 42.02 ug/ml



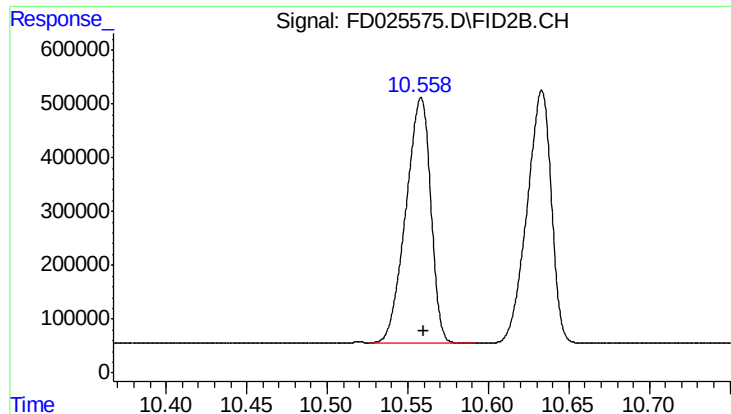
#7 Acenaphthene (C15.5)

R.T.: 8.388 min
Delta R.T.: -0.003 min
Response: 4403738
Conc: 47.08 ug/ml



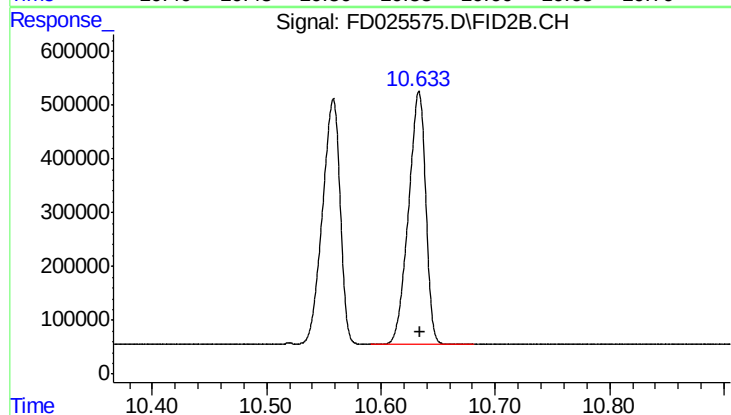
#8 Fluorene (C16.55)

R.T.: 9.167 min
Delta R.T.: -0.003 min
Response: 4526082
Conc: 47.30 ug/ml



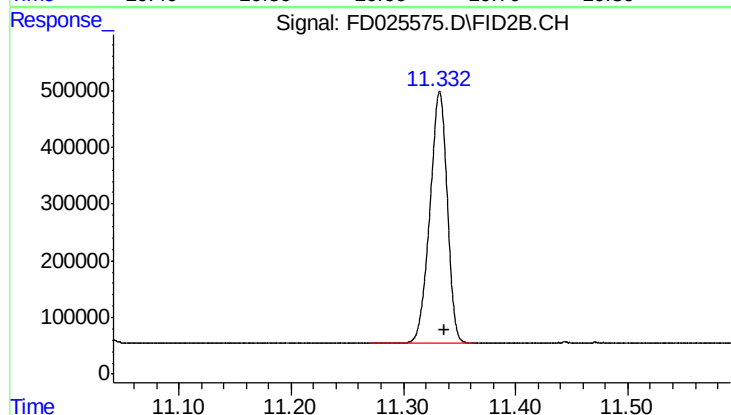
#9 Phenanthrene (C19.36)

R.T.: 10.558 min
Delta R.T.: -0.002 min
Response: 4923086
Conc: 50.97 ug/ml



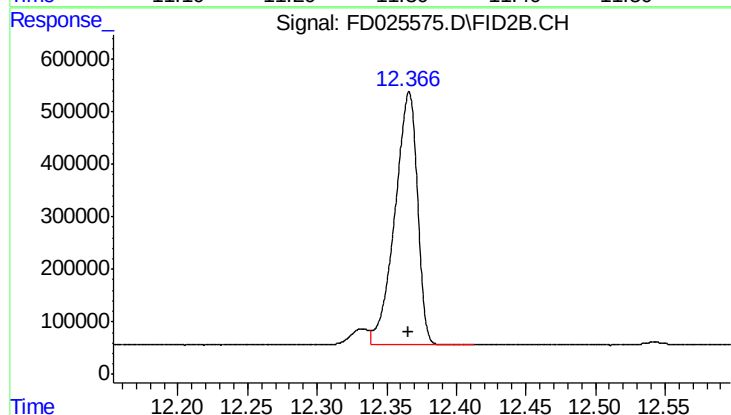
#10 Anthracene (C19.43)

R.T.: 10.633 min
Delta R.T.: 0.000 min
Response: 4935771
Conc: 52.01 ug/ml



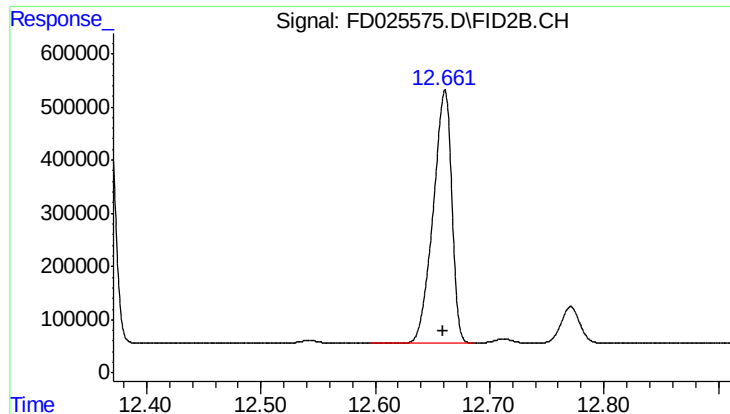
#11 ortho-Terphenyl (SURR)

R.T.: 11.332 min
Delta R.T.: -0.004 min
Response: 4750690
Conc: 50.68 ug/ml



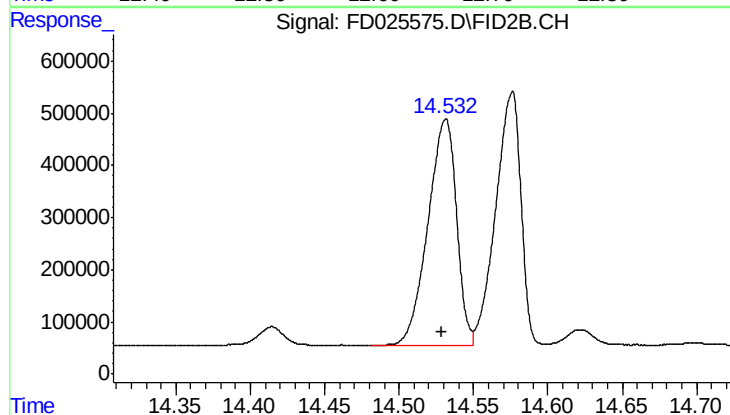
#12 Fluoranthene (C21.85)

R.T.: 12.366 min
Delta R.T.: 0.000 min
Response: 5433272
Conc: 56.64 ug/ml



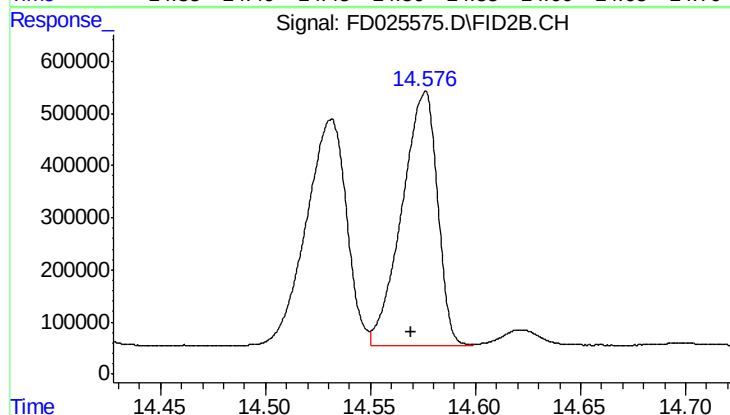
#13 Pyrene (C20.8)

R.T.: 12.661 min
Delta R.T.: 0.002 min
Response: 5372248
Conc: 56.15 ug/ml



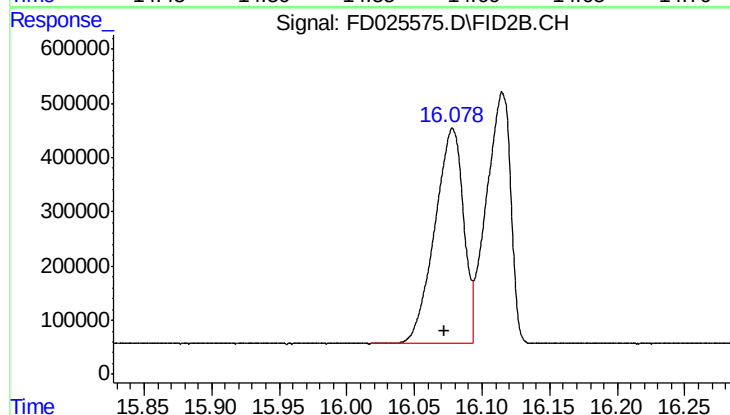
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.531 min
Delta R.T.: 0.003 min
Response: 5778976
Conc: 64.57 ug/ml



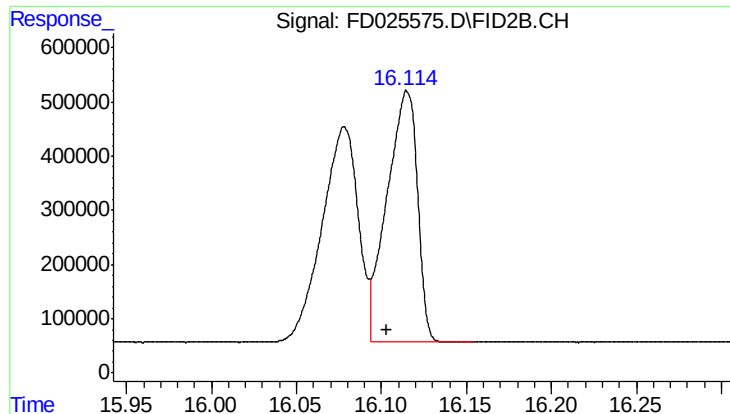
#15 Chrysene (C27.41)

R.T.: 14.576 min
Delta R.T.: 0.006 min
Response: 5715253
Conc: 63.70 ug/ml



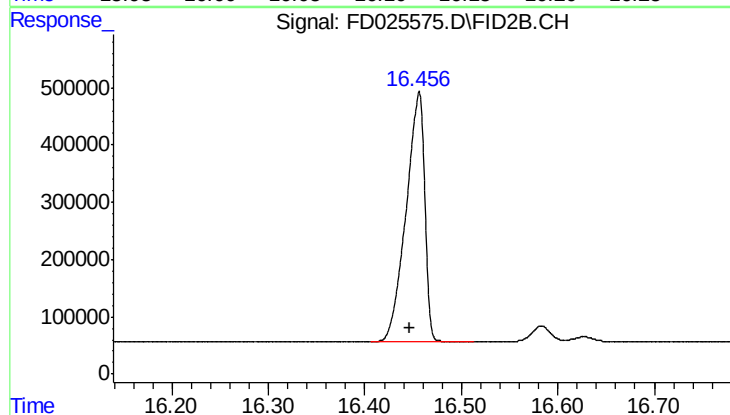
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.078 min
Delta R.T.: 0.006 min
Response: 5917676
Conc: 61.93 ug/ml



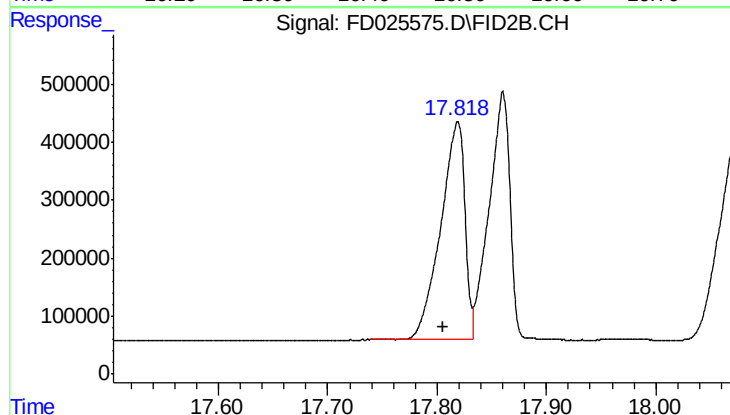
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.115 min
Delta R.T.: 0.012 min
Response: 5819646
Conc: 60.10 ug/ml



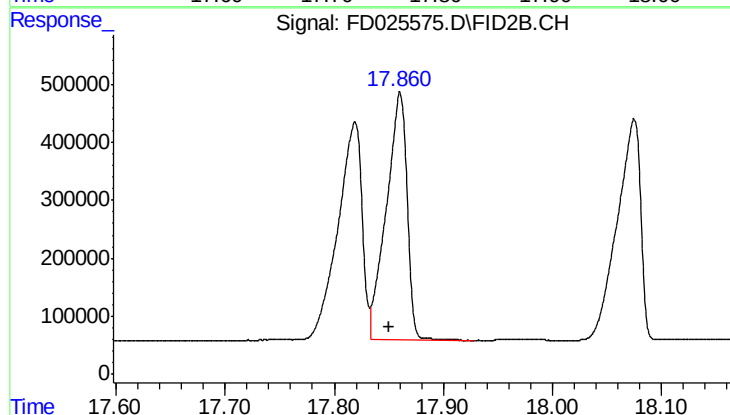
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.456 min
Delta R.T.: 0.009 min
Response: 5879671
Conc: 60.43 ug/ml



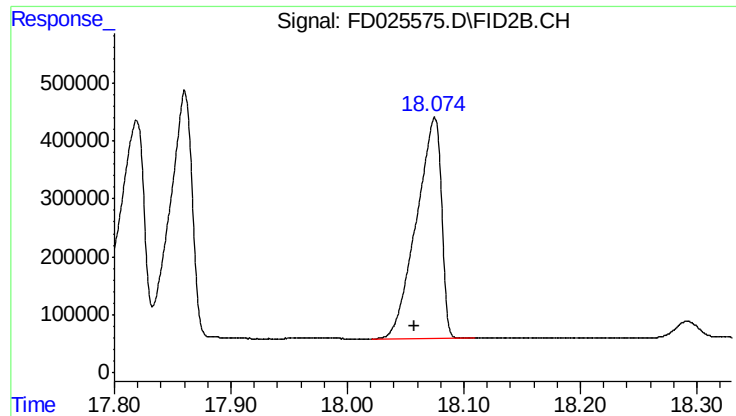
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.819 min
Delta R.T.: 0.014 min
Response: 5788106
Conc: 56.46 ug/ml



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

R.T.: 17.860 min
Delta R.T.: 0.010 min
Response: 5656505
Conc: 56.15 ug/ml



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

R.T.: 18.075 min
Delta R.T.: 0.018 min
Response: 5702765
Conc: 55.12 ug/ml