

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072618AR\
 Data File : FD025217.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jul 2018 17:28
 Operator : AJ\SJ
 Sample : PB111483BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 26 17:54:50 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...	7.445	4224706	54.728 ug/ml
Spiked Amount 50.000		Recovery =	109.46%
6) S 2-Fluorobiphenyl (SURR)	8.298	2784759	51.791 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.58%
11) S ortho-Terphenyl (SURR)	11.344	4206909	49.573 ug/ml
Spiked Amount 50.000		Recovery =	99.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.243	3302132	42.279 ug/ml
2) T Naphthalene (C11.7)	5.778	4060083	47.127 ug/ml
3) T 2-Methylnaphthalene (...)	6.831	4324558	50.297 ug/ml
5) T Acenaphthylene (C15.06)	8.102	4354427	51.266 ug/ml
7) T Acenaphthene (C15.5)	8.399	4488515	50.411 ug/ml
8) T Flouorene (C16.55)	9.178	4511267	50.653 ug/ml
9) T Phenanthrene (C19.36)	10.570	4672751	52.172 ug/ml
10) T Anthracene (C19.43)	10.645	4644308	52.741 ug/ml
12) T Fluoranthene (C21.85)	12.378	4832156	54.999 ug/ml
13) T Pyrene (C20.8)	12.673	4764212	54.213 ug/ml
14) T Benzo[a]anthracene (C...	14.543	4973968	59.639 ug/ml
15) T Chrysene (C27.41)	14.588	4918514	58.386 ug/ml
16) T benzo[b]fluoranthene ...	16.090	5149264	57.234 ug/ml
17) T Bnezo[k]fluoranthene ...	16.127	5062055	56.224 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.468	5164542	56.109 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.832	5120690	54.275 ug/ml
20) T Dibenz[a,h]anthracene...	17.873	4992676	54.557 ug/ml
21) T Benzo[g,h,i]perylene ...	18.088	5169059	53.358 ug/ml

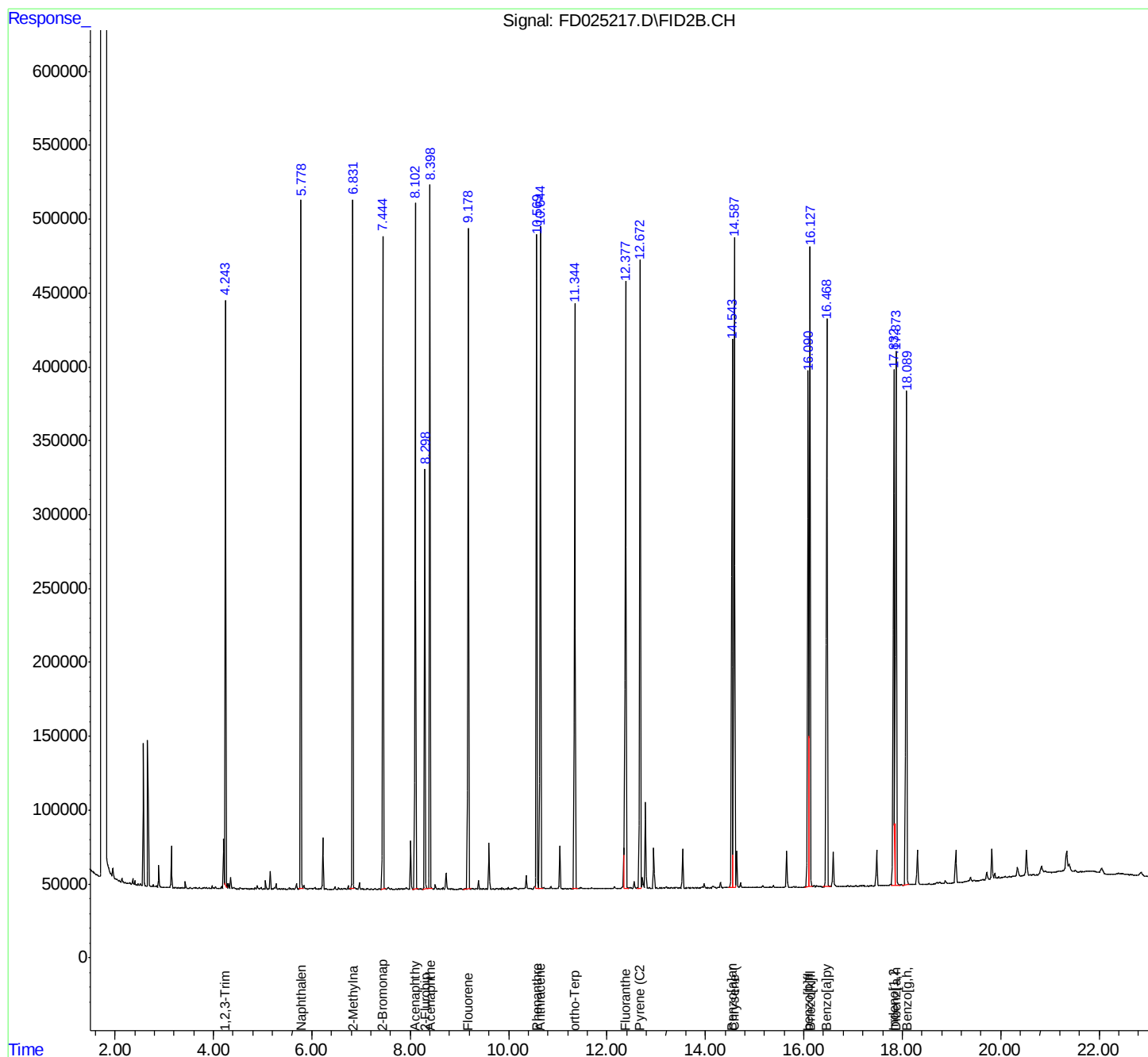
(f)=RT Delta > 1/2 Window

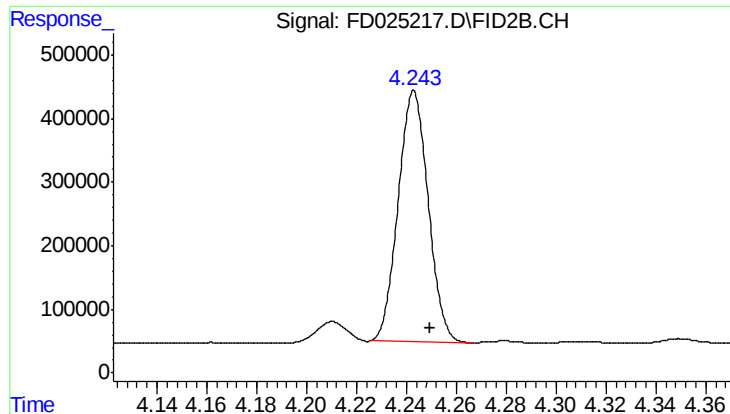
(m)=manual int.

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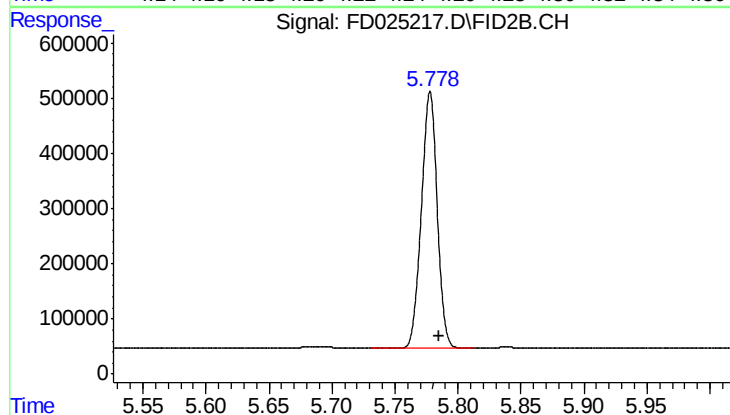
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Signal Info : 20M x 0.18mm x 0.18µm





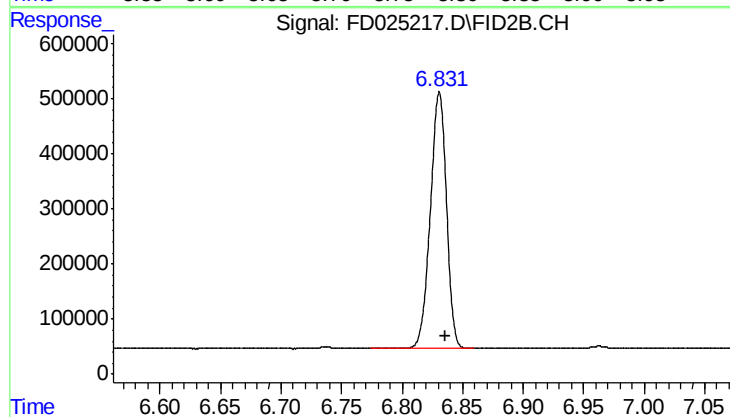
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.243 min
Delta R.T.: -0.006 min
Response: 3302132
Conc: 42.28 ug/ml



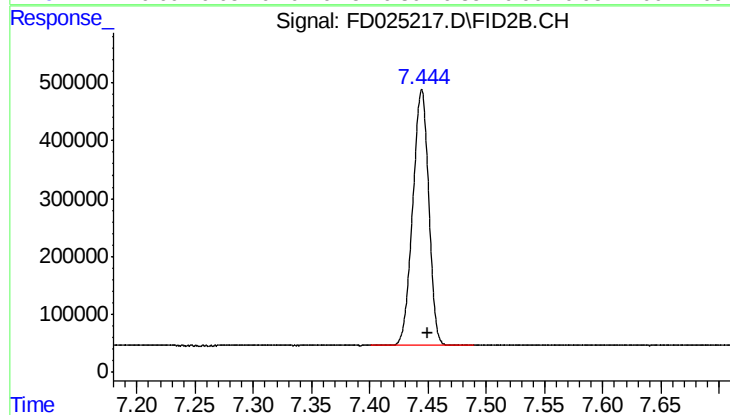
#2 Naphthalene (C11.7)

R.T.: 5.778 min
Delta R.T.: -0.007 min
Response: 4060083
Conc: 47.13 ug/ml



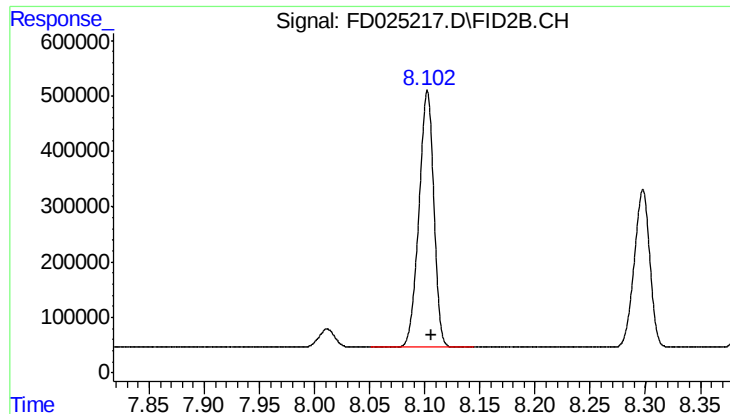
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.831 min
Delta R.T.: -0.005 min
Response: 4324558
Conc: 50.30 ug/ml



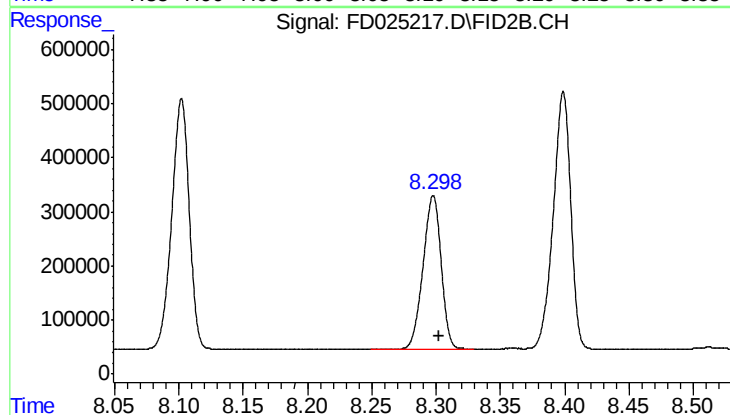
#4 2-Bromonaphthalene (SURR)

R.T.: 7.445 min
Delta R.T.: -0.005 min
Response: 4224706
Conc: 54.73 ug/ml



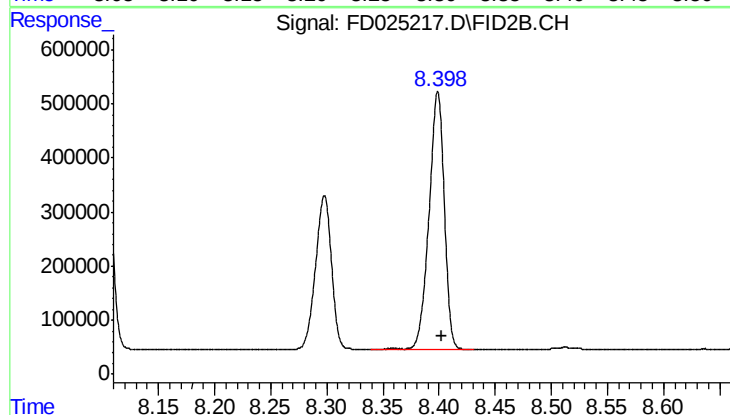
#5 Acenaphthylene (C15.06)

R.T.: 8.102 min
Delta R.T.: -0.004 min
Response: 4354427
Conc: 51.27 ug/ml



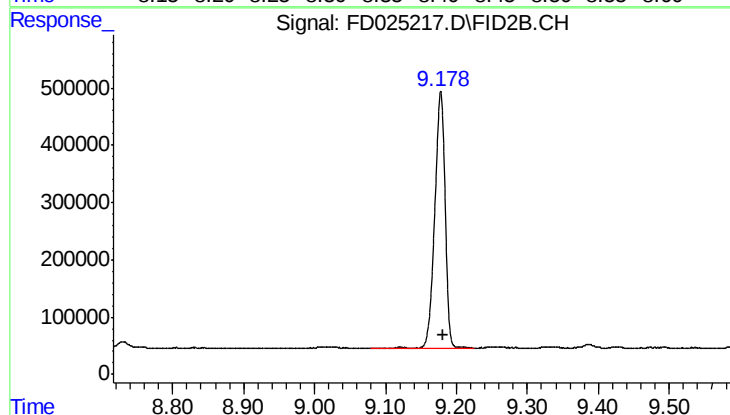
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.298 min
Delta R.T.: -0.005 min
Response: 2784759
Conc: 51.79 ug/ml



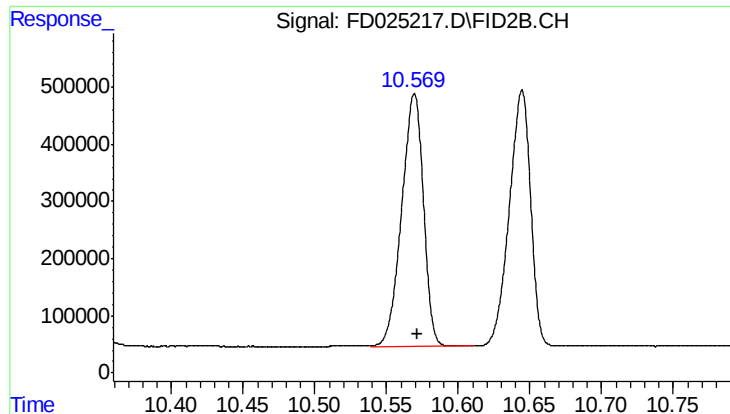
#7 Acenaphthene (C15.5)

R.T.: 8.399 min
Delta R.T.: -0.003 min
Response: 4488515
Conc: 50.41 ug/ml



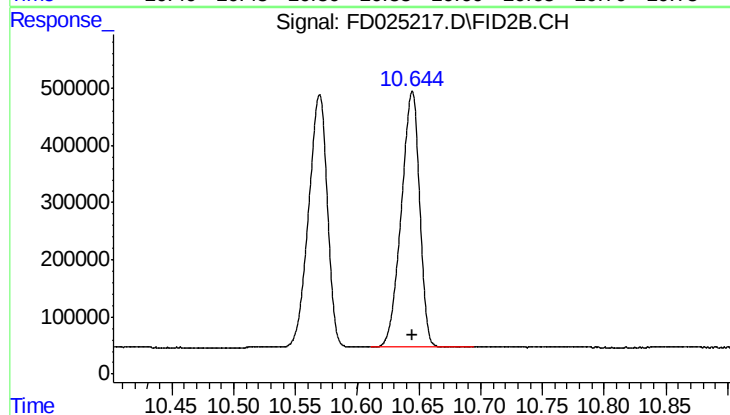
#8 Fluorene (C16.55)

R.T.: 9.178 min
Delta R.T.: -0.003 min
Response: 4511267
Conc: 50.65 ug/ml



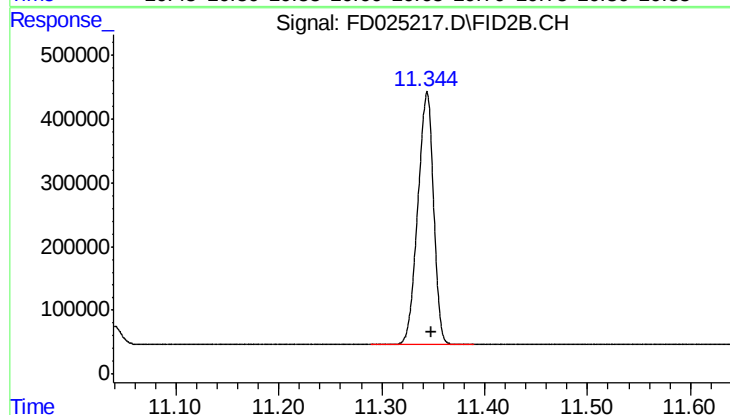
#9 Phenanthrene (C19.36)

R.T.: 10.570 min
Delta R.T.: -0.002 min
Response: 4672751
Conc: 52.17 ug/ml



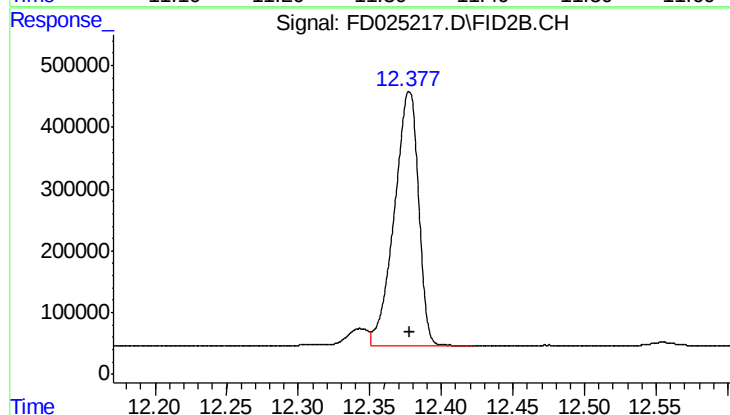
#10 Anthracene (C19.43)

R.T.: 10.645 min
Delta R.T.: 0.000 min
Response: 4644308
Conc: 52.74 ug/ml



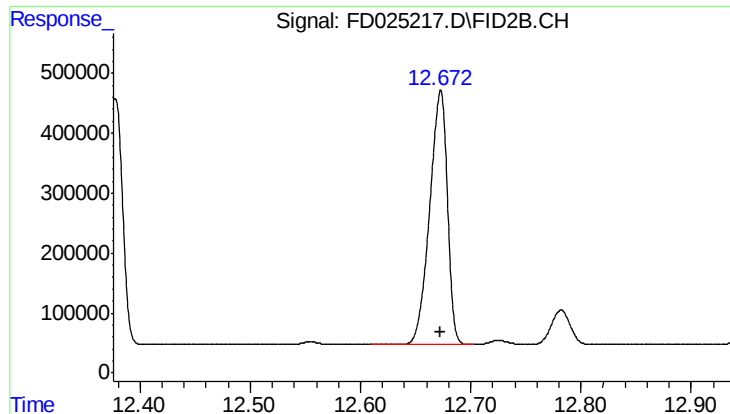
#11 ortho-Terphenyl (SURR)

R.T.: 11.344 min
Delta R.T.: -0.004 min
Response: 4206909
Conc: 49.57 ug/ml



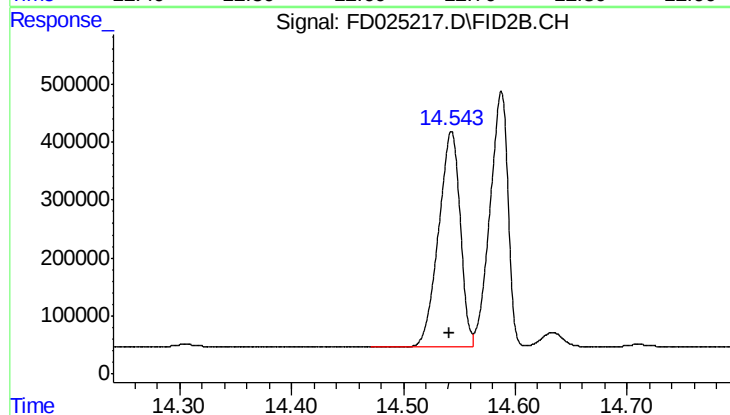
#12 Fluoranthene (C21.85)

R.T.: 12.378 min
Delta R.T.: 0.000 min
Response: 4832156
Conc: 55.00 ug/ml



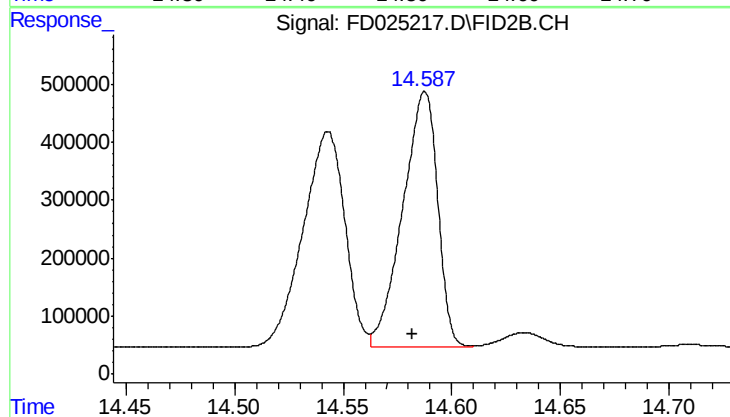
#13 Pyrene (C20.8)

R.T.: 12.673 min
Delta R.T.: 0.000 min
Response: 4764212
Conc: 54.21 ug/ml



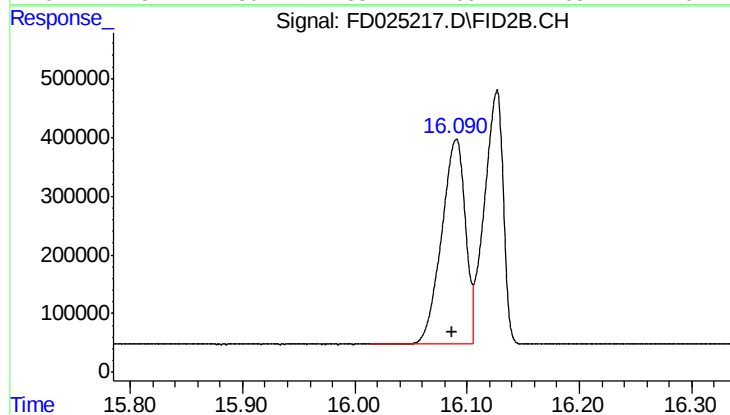
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.543 min
Delta R.T.: 0.002 min
Response: 4973968
Conc: 59.64 ug/ml



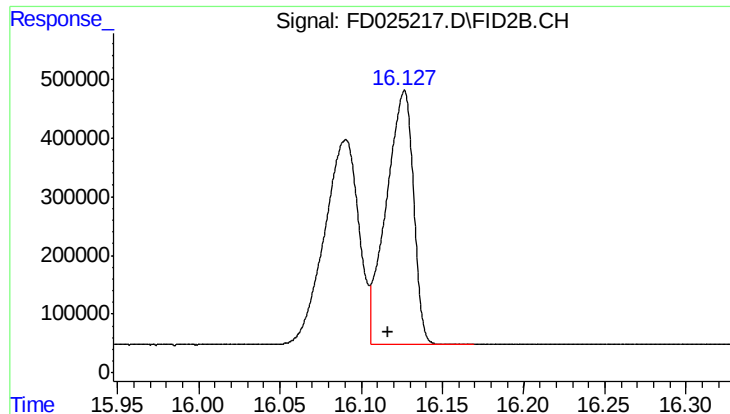
#15 Chrysene (C27.41)

R.T.: 14.588 min
Delta R.T.: 0.006 min
Response: 4918514
Conc: 58.39 ug/ml



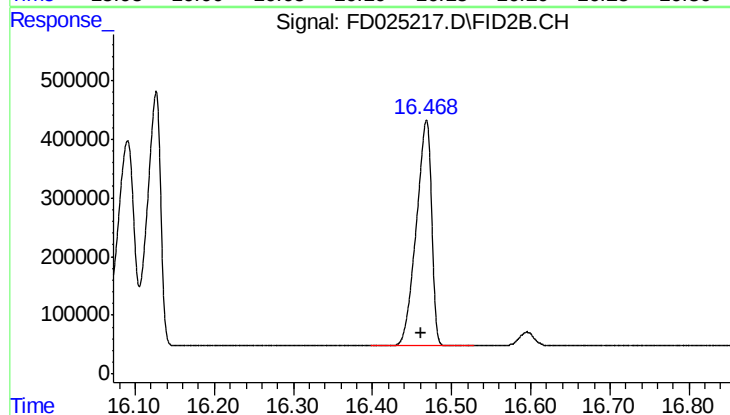
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.090 min
Delta R.T.: 0.004 min
Response: 5149264
Conc: 57.23 ug/ml



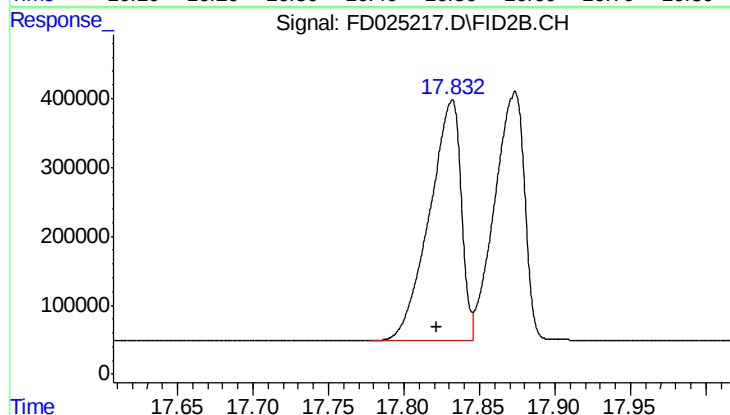
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.127 min
Delta R.T.: 0.010 min
Response: 5062055
Conc: 56.22 ug/ml



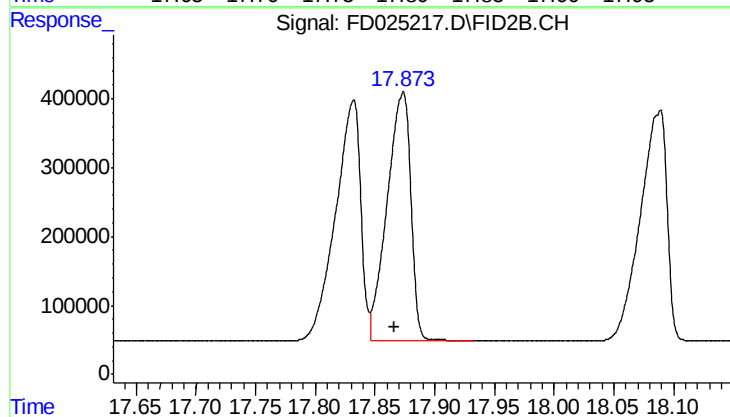
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.468 min
Delta R.T.: 0.007 min
Response: 5164542
Conc: 56.11 ug/ml



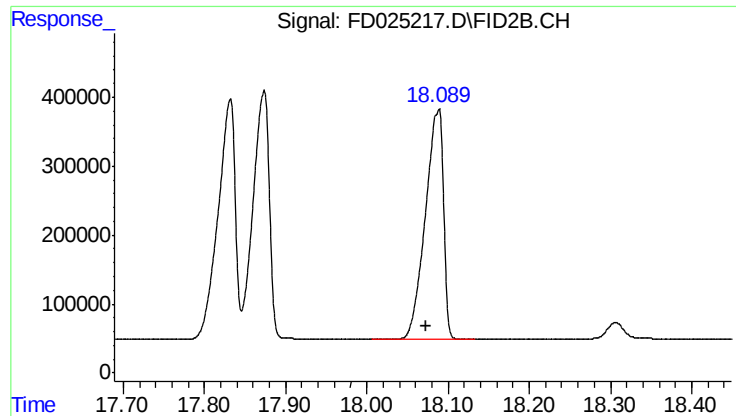
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.832 min
Delta R.T.: 0.010 min
Response: 5120690
Conc: 54.28 ug/ml



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

R.T.: 17.873 min
Delta R.T.: 0.007 min
Response: 4992676
Conc: 54.56 ug/ml



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

R.T.: 18.088 min
Delta R.T.: 0.015 min
Response: 5169059
Conc: 53.36 ug/ml