

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102521AR\
 Data File : FD039261.D
 Signal(s) : FID2B.CH
 Acq On : 26 Oct 2021 3:02
 Operator : AJ\MA
 Sample : PB140209BS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 26 06:23:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:39:35 2021
 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...	7.762	5745451	44.020 ug/ml
Spiked Amount 50.000		Recovery =	88.04%
6) S 2-Fluorobiphenyl (SURR)	8.633	3400702	38.208 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.42%
11) S ortho-Terphenyl (SURR)	11.676	5204023	37.874 ug/ml
Spiked Amount 50.000		Recovery =	75.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.547	4194726	29.971 ug/mlm
2) T Naphthalene (C11.7)	6.097	4941189	33.488 ug/ml
3) T 2-Methylnaphthalene (...)	7.152	4991593	33.504 ug/ml
5) T Acenaphthylene (C15.06)	8.435	5292333	38.623 ug/ml
7) T Acenaphthene (C15.5)	8.731	5449860	37.769 ug/ml
8) T Fluorene (C16.55)	9.514	5226803	36.816 ug/ml
9) T Phenanthrene (C19.36)	10.917	5123584	36.939 ug/ml
10) T Anthracene (C19.43)	10.993	4984237	36.455 ug/ml
12) T Fluoranthene (C21.85)	12.735	4972661	36.170 ug/ml
13) T Pyrene (C20.8)	13.034	4892697	36.508 ug/ml
14) T Benzo[a]anthracene (C...	14.908	4696345	38.608 ug/ml
15) T Chrysene (C27.41)	14.952	5007645	39.409 ug/ml
16) T benzo[b]fluoranthene ...	16.463	4849831	40.978 ug/ml
17) T Bnezo[k]fluoranthene ...	16.498	4645208	39.493 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.844	4531019	39.588 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.213	4463001	41.025 ug/ml
20) T Dibenz[a,h]anthracene...	18.249	4397884	41.384 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.471	4622526	42.690 ug/ml

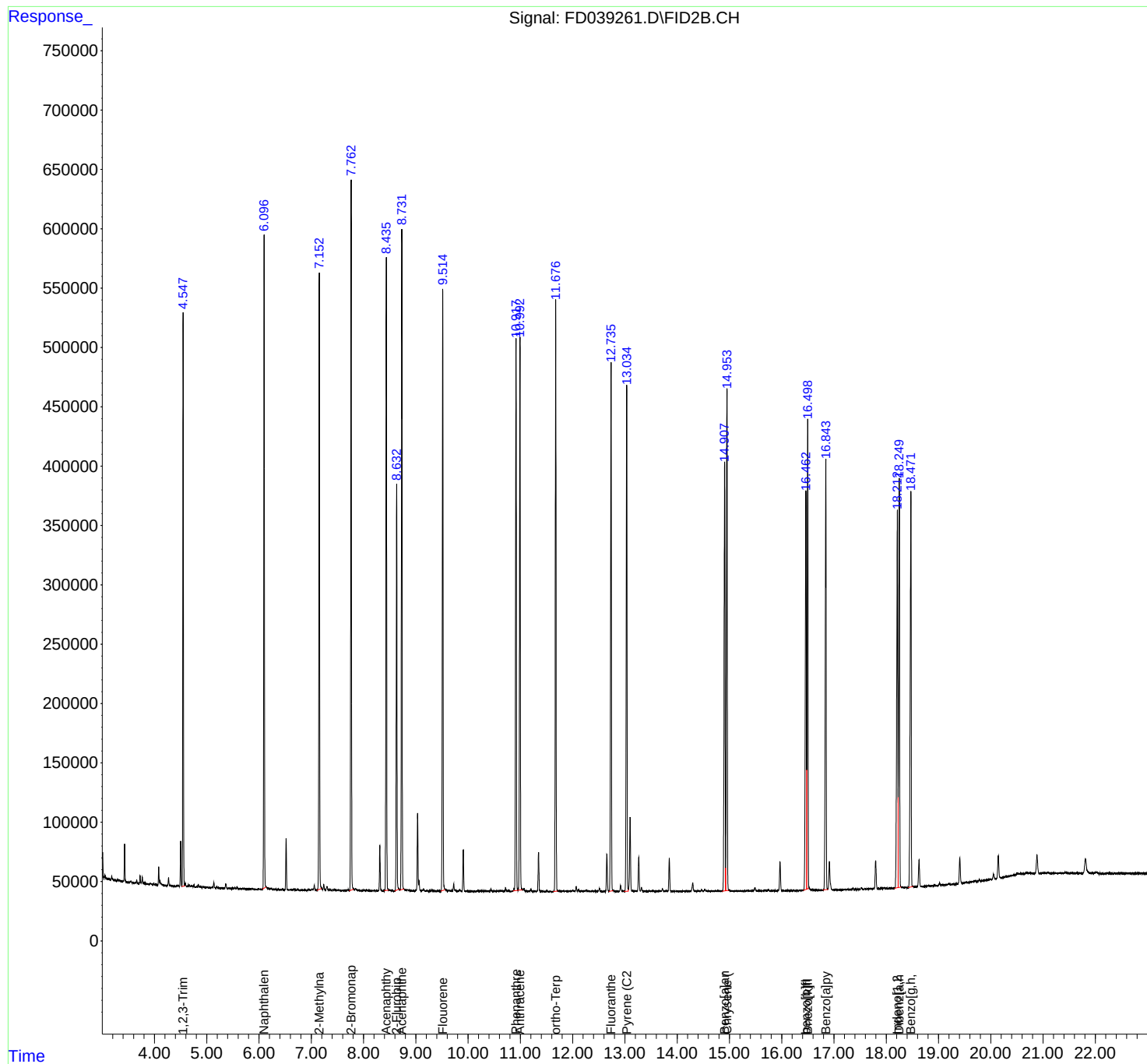
(f)=RT Delta > 1/2 Window

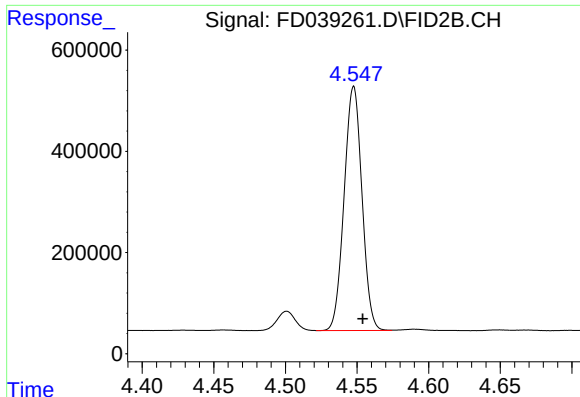
(m)=manual int.

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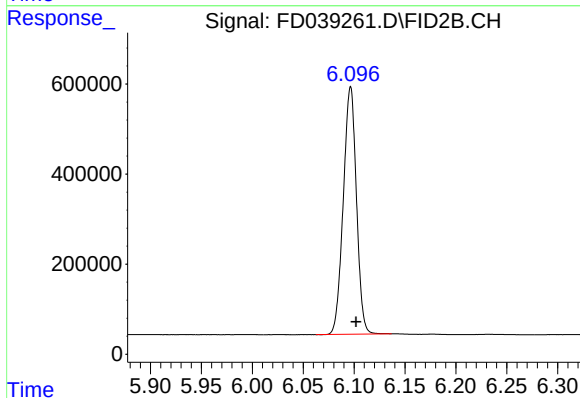
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Signal Info : 20M x 0.18mm x 0.18µm





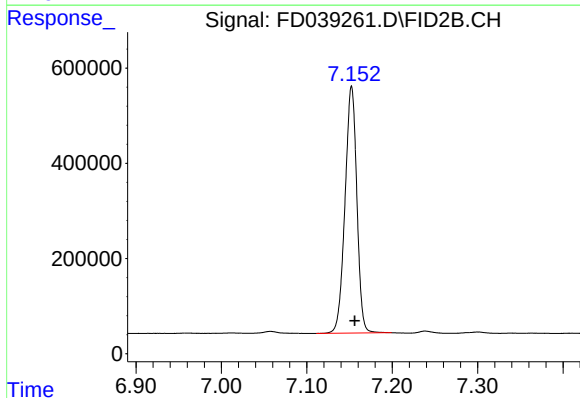
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.547 min
Delta R.T.: -0.007 min
Response: 4194726
Conc: 29.97 ug/ml m



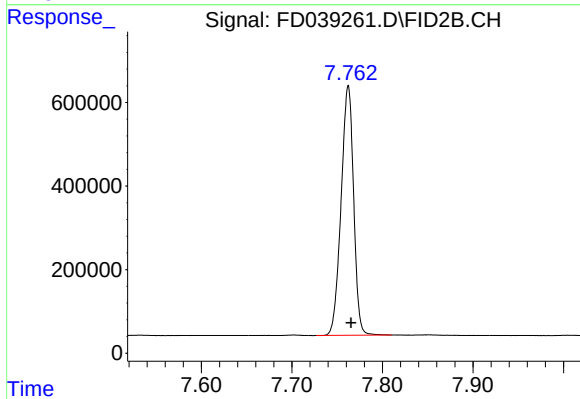
#2 Naphthalene (C11.7)

R.T.: 6.097 min
Delta R.T.: -0.005 min
Response: 4941189
Conc: 33.49 ug/ml



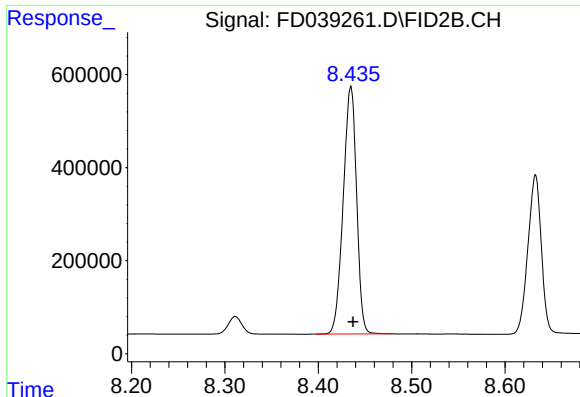
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.152 min
Delta R.T.: -0.004 min
Response: 4991593
Conc: 33.50 ug/ml



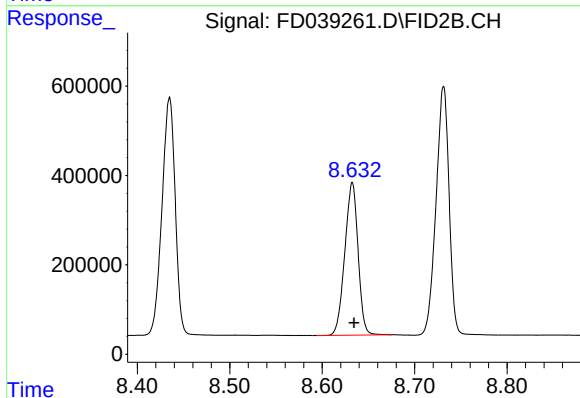
#4 2-Bromonaphthalene (SURR)

R.T.: 7.762 min
Delta R.T.: -0.003 min
Response: 5745451
Conc: 44.02 ug/ml



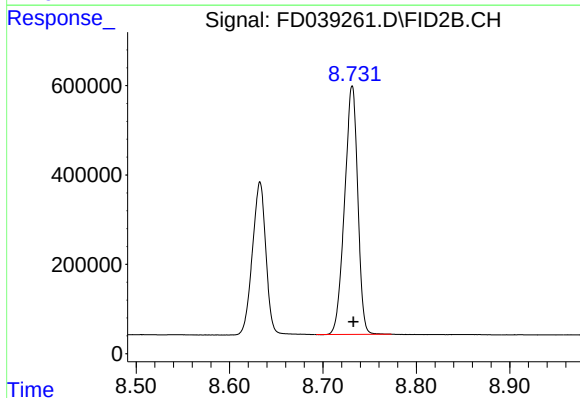
#5 Acenaphthylene (C15.06)

R.T.: 8.435 min
Delta R.T.: -0.002 min
Response: 5292333
Conc: 38.62 ug/ml



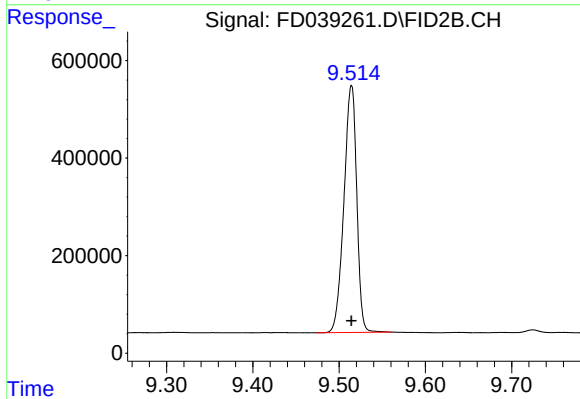
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.633 min
Delta R.T.: -0.002 min
Response: 3400702
Conc: 38.21 ug/ml



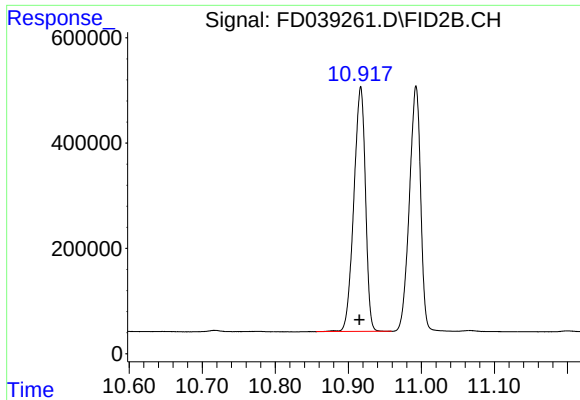
#7 Acenaphthene (C15.5)

R.T.: 8.731 min
Delta R.T.: -0.001 min
Response: 5449860
Conc: 37.77 ug/ml



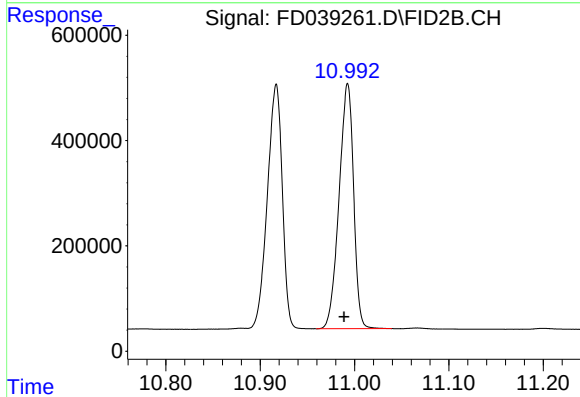
#8 Fluorene (C16.55)

R.T.: 9.514 min
Delta R.T.: 0.000 min
Response: 5226803
Conc: 36.82 ug/ml



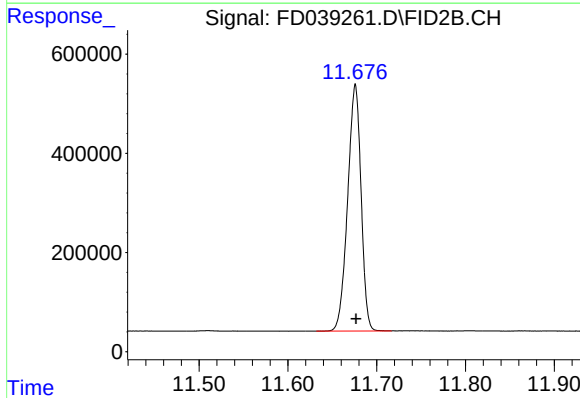
#9 Phenanthrene (C19.36)

R.T.: 10.917 min
Delta R.T.: 0.002 min
Response: 5123584
Conc: 36.94 ug/ml



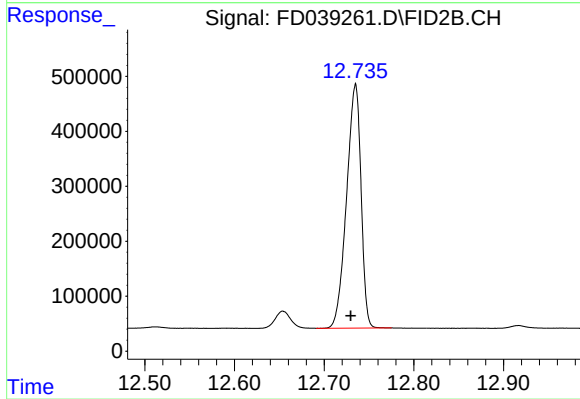
#10 Anthracene (C19.43)

R.T.: 10.993 min
Delta R.T.: 0.004 min
Response: 4984237
Conc: 36.46 ug/ml



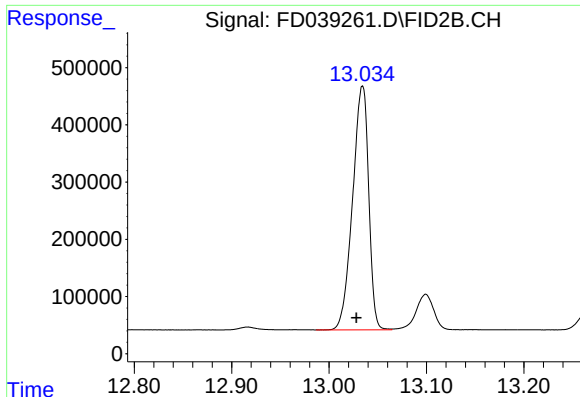
#11 ortho-Terphenyl (SURR)

R.T.: 11.676 min
Delta R.T.: 0.000 min
Response: 5204023
Conc: 37.87 ug/ml



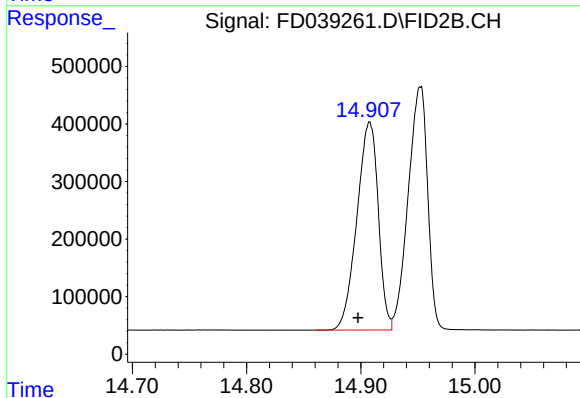
#12 Fluoranthene (C21.85)

R.T.: 12.735 min
Delta R.T.: 0.005 min
Response: 4972661
Conc: 36.17 ug/ml



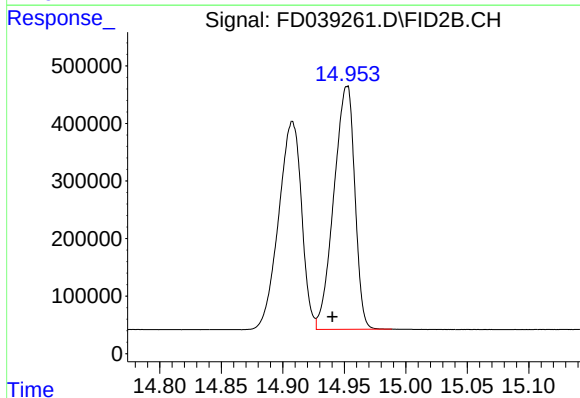
#13 Pyrene (C20.8)

R.T.: 13.034 min
Delta R.T.: 0.006 min
Response: 4892697
Conc: 36.51 ug/ml



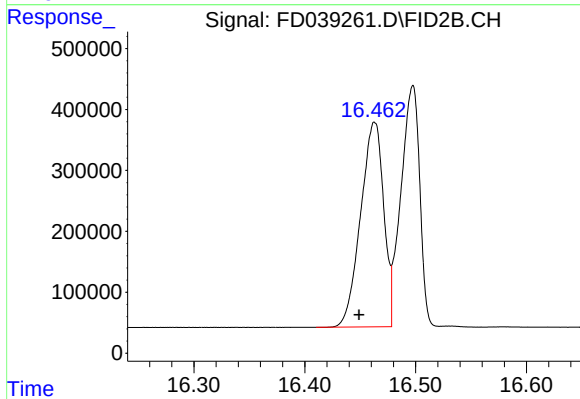
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.908 min
Delta R.T.: 0.010 min
Response: 4696345
Conc: 38.61 ug/ml



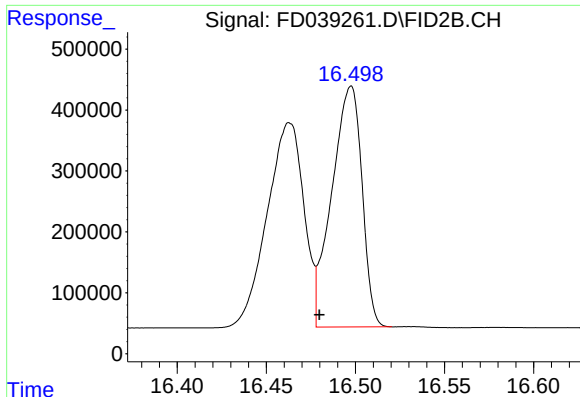
#15 Chrysene (C27.41)

R.T.: 14.952 min
Delta R.T.: 0.012 min
Response: 5007645
Conc: 39.41 ug/ml



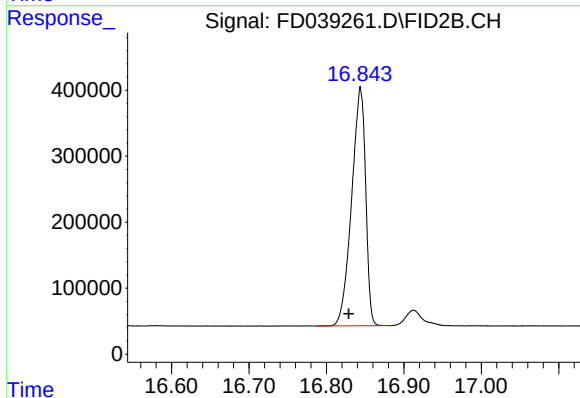
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.463 min
Delta R.T.: 0.014 min
Response: 4849831
Conc: 40.98 ug/ml



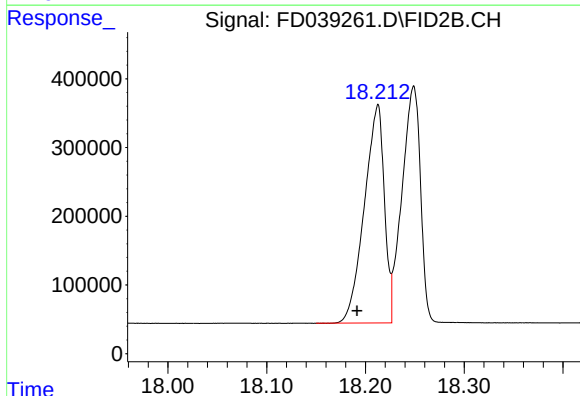
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.498 min
Delta R.T.: 0.018 min
Response: 4645208
Conc: 39.49 ug/ml m



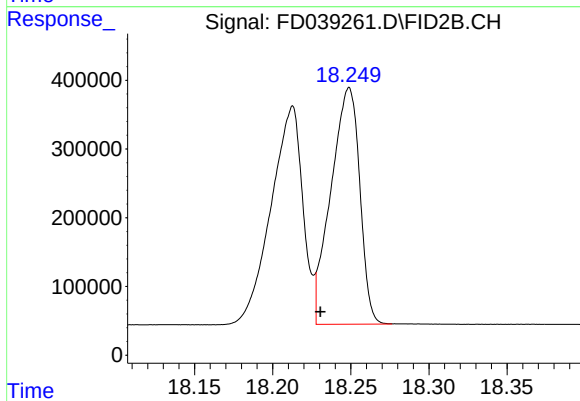
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.844 min
Delta R.T.: 0.015 min
Response: 4531019
Conc: 39.59 ug/ml



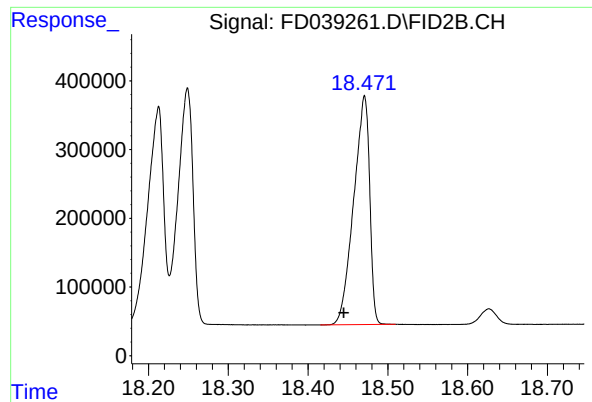
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.213 min
Delta R.T.: 0.021 min
Response: 4463001
Conc: 41.02 ug/ml



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

R.T.: 18.249 min
Delta R.T.: 0.018 min
Response: 4397884
Conc: 41.38 ug/ml m



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

R.T.: 18.471 min
Delta R.T.: 0.026 min
Response: 4622526
Conc: 42.69 ug/ml