

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101921AR\
 Data File : FD039121.D
 Signal(s) : FID2B.CH
 Acq On : 19 Oct 2021 15:34
 Operator : AJ\MA
 Sample : PB140002BSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 20 01:08:08 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...	7.761	5678923	43.511 ug/ml
Spiked Amount 50.000		Recovery =	87.02%
6) S 2-Fluorobiphenyl (SURR)	8.631	3798106	42.673 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.35%
11) S ortho-Terphenyl (SURR)	11.675	5806417	42.258 ug/ml
Spiked Amount 50.000		Recovery =	84.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.547	6241406	44.595 ug/ml
2) T Naphthalene (C11.7)	6.096	6456043	43.754 ug/ml
3) T 2-Methylnaphthalene (...)	7.152	6466420	43.404 ug/ml
5) T Acenaphthylene (C15.06)	8.434	5799394	42.324 ug/ml
7) T Acenaphthene (C15.5)	8.731	6175323	42.797 ug/ml
8) T Fluorene (C16.55)	9.513	6040488	42.547 ug/ml
9) T Phenanthrene (C19.36)	10.915	5794642	41.777 ug/ml
10) T Anthracene (C19.43)	10.990	4882430	35.711 ug/ml
12) T Fluoranthene (C21.85)	12.732	5642629	41.043 ug/ml
13) T Pyrene (C20.8)	13.031	5455286	40.706 ug/ml
14) T Benzo[a]anthracene (C...	14.903	5062954	41.621 ug/ml
15) T Chrysene (C27.41)	14.948	5328784	41.936 ug/ml
16) T benzo[b]fluoranthene ...	16.458	5285713	44.660 ug/ml
17) T Bnezo[k]fluoranthene ...	16.492	5226060	44.432 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.838	5126411	44.790 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.206	5308867	48.800 ug/ml
20) T Dibenz[a,h]anthracene...	18.243	5058542	47.601 ug/ml
21) T Benzo[g,h,i]perylene ...	18.465	5258803	48.566 ug/ml

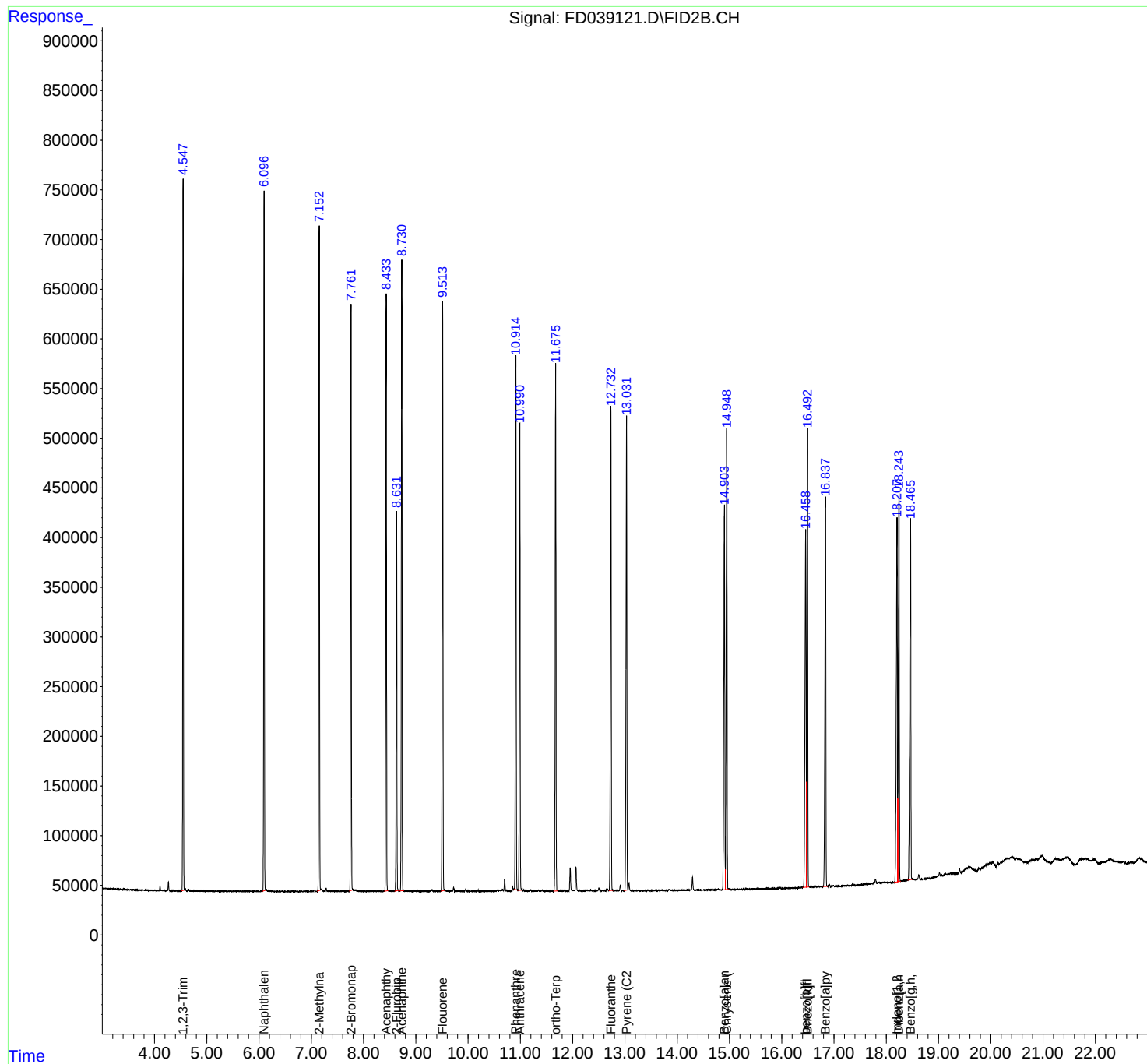
(f)=RT Delta > 1/2 Window

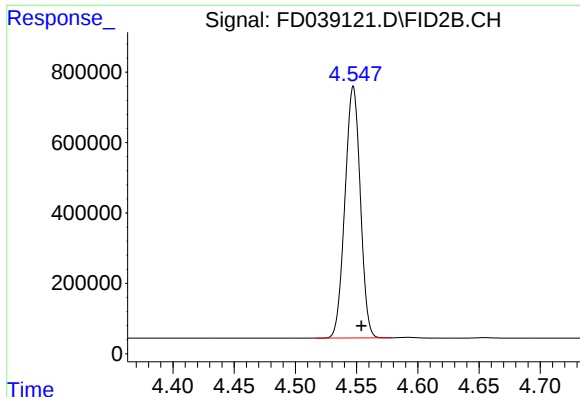
(m)=manual int.

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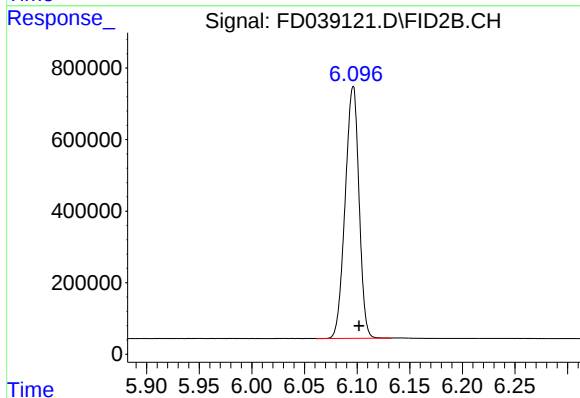
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Signal Info : 20M x 0.18mm x 0.18µm





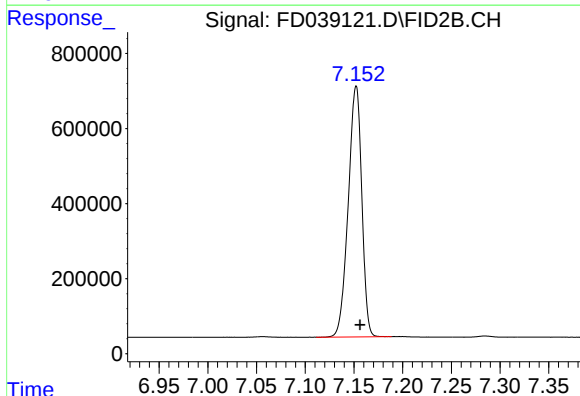
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.547 min
Delta R.T.: -0.007 min
Response: 6241406
Conc: 44.60 ug/ml



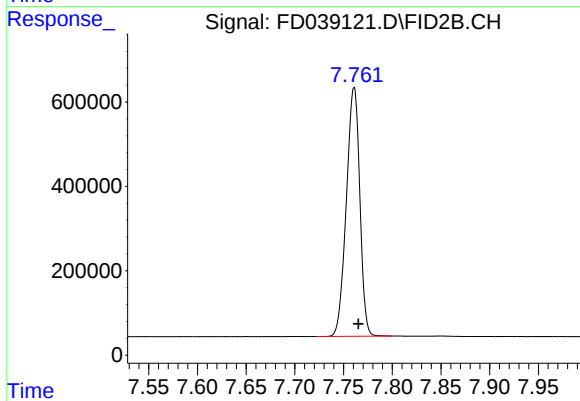
#2 Naphthalene (C11.7)

R.T.: 6.096 min
Delta R.T.: -0.006 min
Response: 6456043
Conc: 43.75 ug/ml



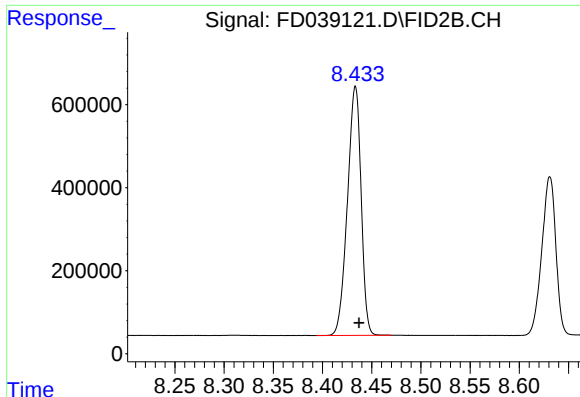
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.152 min
Delta R.T.: -0.004 min
Response: 6466420
Conc: 43.40 ug/ml



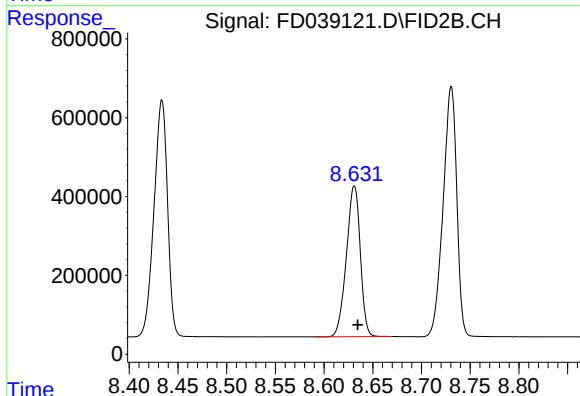
#4 2-Bromonaphthalene (SURR)

R.T.: 7.761 min
Delta R.T.: -0.004 min
Response: 5678923
Conc: 43.51 ug/ml



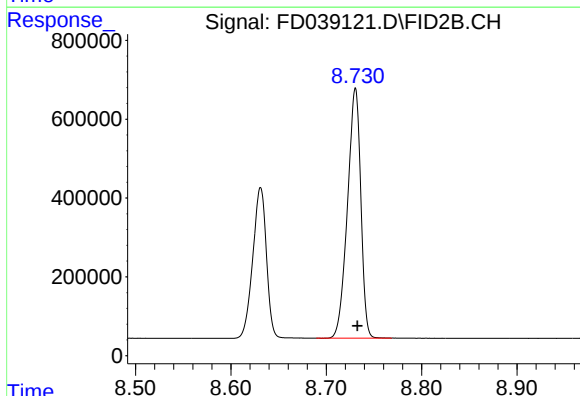
#5 Acenaphthylene (C15.06)

R.T.: 8.434 min
Delta R.T.: -0.003 min
Response: 5799394
Conc: 42.32 ug/ml



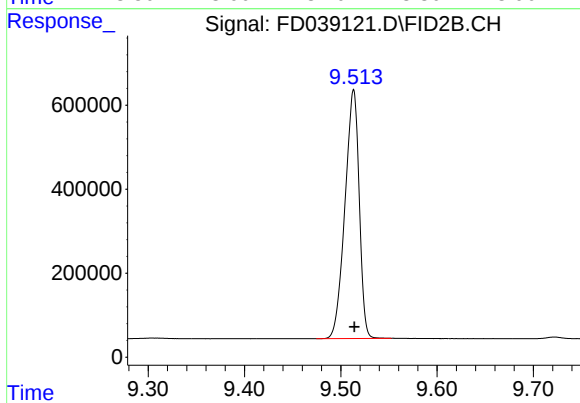
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.631 min
Delta R.T.: -0.003 min
Response: 3798106
Conc: 42.67 ug/ml



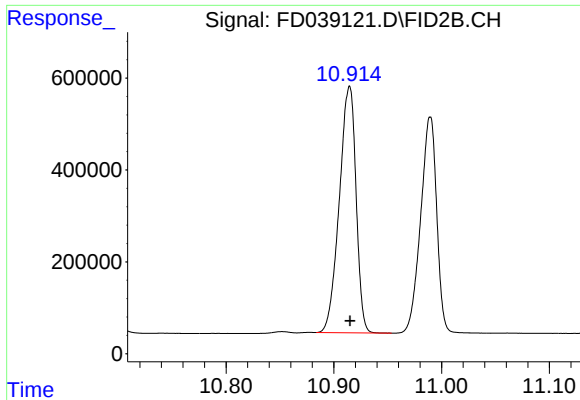
#7 Acenaphthene (C15.5)

R.T.: 8.731 min
Delta R.T.: -0.002 min
Response: 6175323
Conc: 42.80 ug/ml



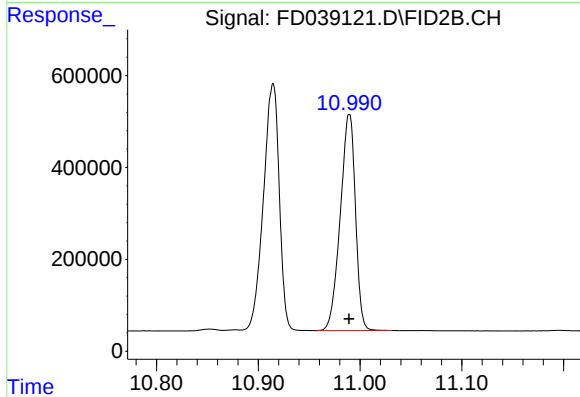
#8 Fluorene (C16.55)

R.T.: 9.513 min
Delta R.T.: 0.000 min
Response: 6040488
Conc: 42.55 ug/ml



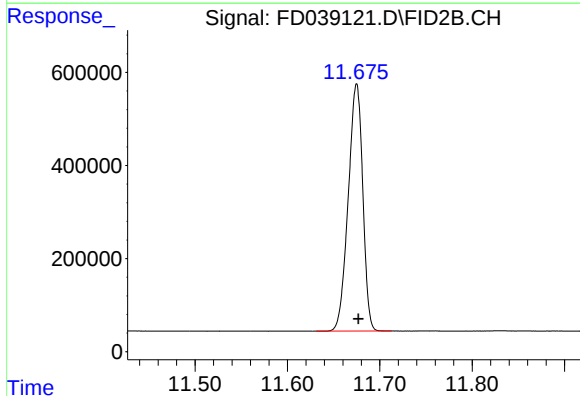
#9 Phenanthrene (C19.36)

R.T.: 10.915 min
Delta R.T.: 0.000 min
Response: 5794642
Conc: 41.78 ug/ml



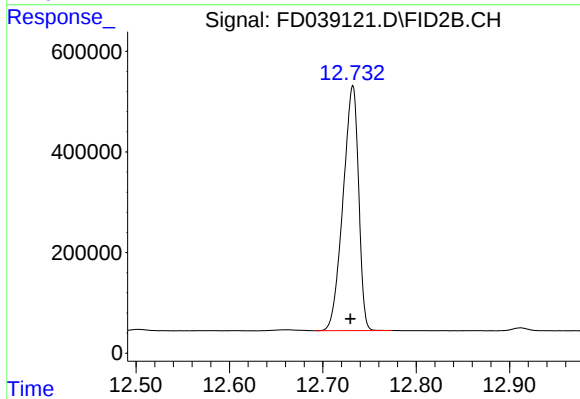
#10 Anthracene (C19.43)

R.T.: 10.990 min
Delta R.T.: 0.000 min
Response: 4882430
Conc: 35.71 ug/ml



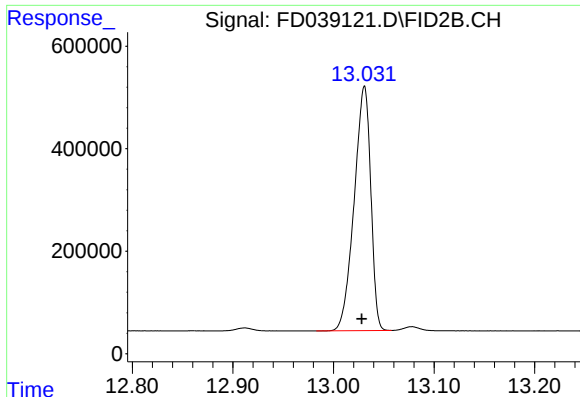
#11 ortho-Terphenyl (SURR)

R.T.: 11.675 min
Delta R.T.: -0.002 min
Response: 5806417
Conc: 42.26 ug/ml



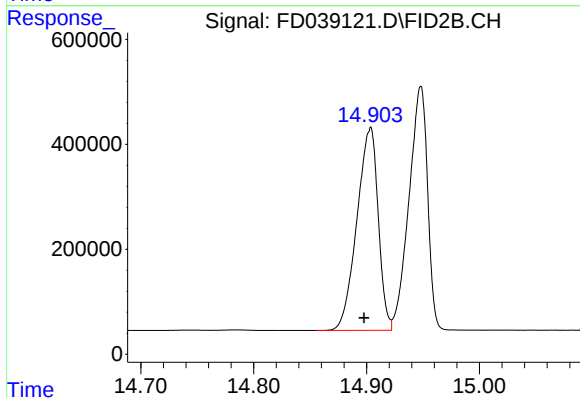
#12 Fluoranthene (C21.85)

R.T.: 12.732 min
Delta R.T.: 0.002 min
Response: 5642629
Conc: 41.04 ug/ml



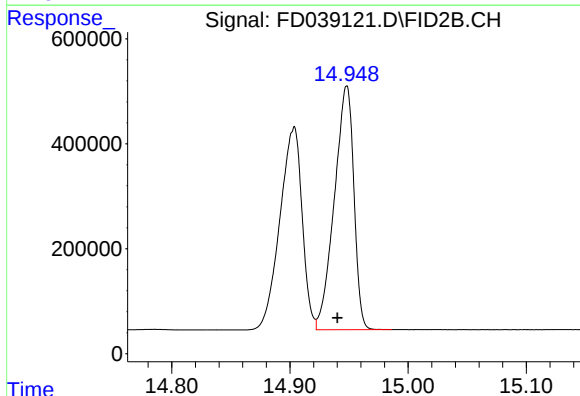
#13 Pyrene (C20.8)

R.T.: 13.031 min
Delta R.T.: 0.003 min
Response: 5455286
Conc: 40.71 ug/ml



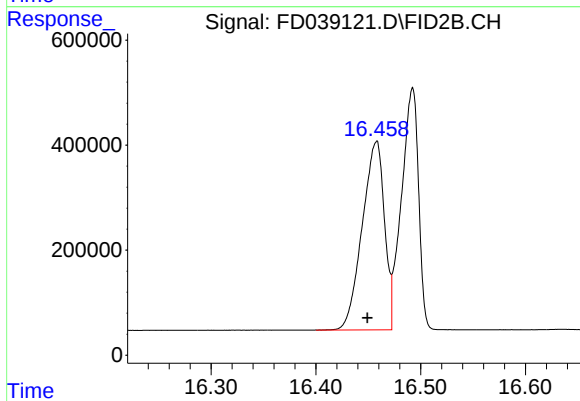
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.903 min
Delta R.T.: 0.006 min
Response: 5062954
Conc: 41.62 ug/ml



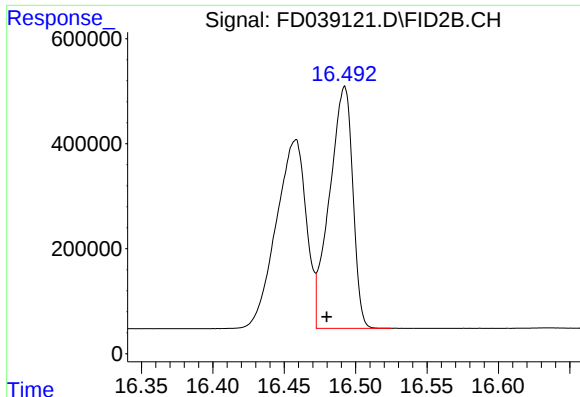
#15 Chrysene (C27.41)

R.T.: 14.948 min
Delta R.T.: 0.008 min
Response: 5328784
Conc: 41.94 ug/ml



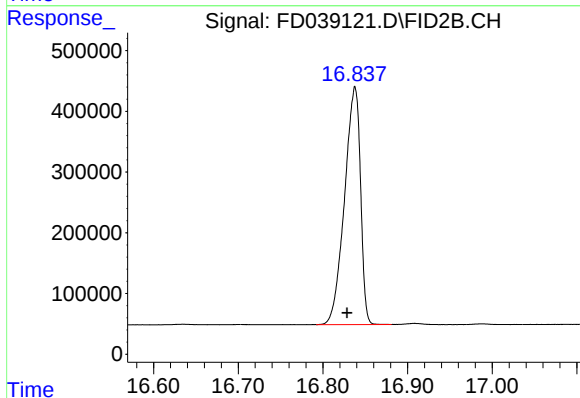
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.458 min
Delta R.T.: 0.009 min
Response: 5285713
Conc: 44.66 ug/ml



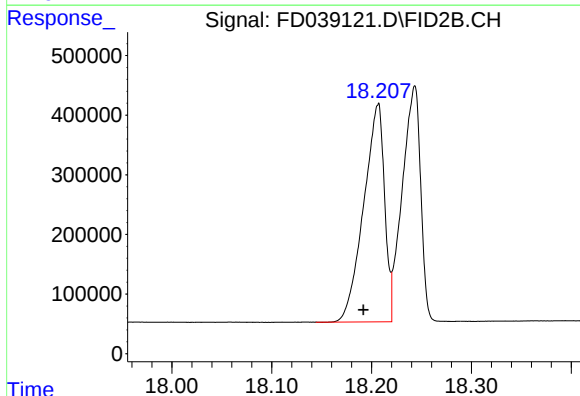
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.492 min
Delta R.T.: 0.013 min
Response: 5226060
Conc: 44.43 ug/ml



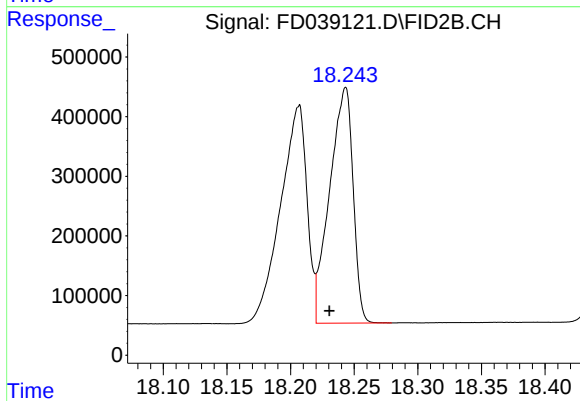
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.838 min
Delta R.T.: 0.009 min
Response: 5126411
Conc: 44.79 ug/ml



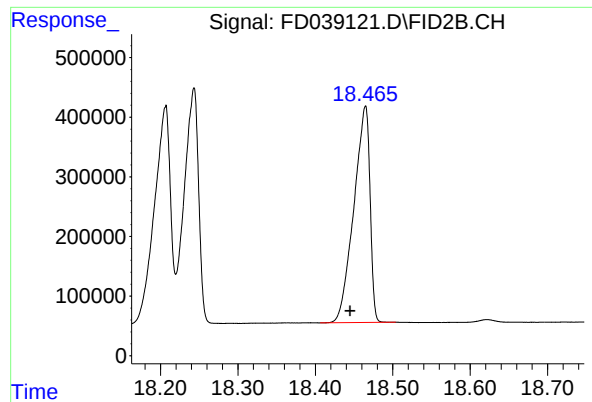
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.206 min
Delta R.T.: 0.015 min
Response: 5308867
Conc: 48.80 ug/ml



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

R.T.: 18.243 min
Delta R.T.: 0.013 min
Response: 5058542
Conc: 47.60 ug/ml



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

R.T.: 18.465 min
Delta R.T.: 0.020 min
Response: 5258803
Conc: 48.57 ug/ml