

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101921AR\
 Data File : FD039117.D
 Signal(s) : FID2B.CH
 Acq On : 19 Oct 2021 12:43
 Operator : AJ\MA
 Sample : M4132-01MS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 20 01:07:16 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	6283609	48.144 ug/ml
Spiked Amount 50.000		Recovery =	96.29%
6) S 2-Fluorobiphenyl (SURR)	8.631	4257068	47.830 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.66%
11) S ortho-Terphenyl (SURR)	11.673	4395324	31.988 ug/ml
Spiked Amount 50.000		Recovery =	63.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.550	3727001	26.630 ug/ml
2) T Naphthalene (C11.7)	6.095	4284323	29.036 ug/ml
3) T 2-Methylnaphthalene (...)	7.150	4399642	29.531 ug/ml
5) T Acenaphthylene (C15.06)	8.432	4749282	34.660 ug/ml
7) T Acenaphthene (C15.5)	8.729	5074200	35.166 ug/ml
8) T Fluorene (C16.55)	9.511	4964924	34.971 ug/ml
9) T Phenanthrene (C19.36)	10.915	6856046	49.429 ug/ml
10) T Anthracene (C19.43)	10.988	4890952	35.773 ug/ml
12) T Fluoranthene (C21.85)	12.735	9520814	69.252 ug/ml
13) T Pyrene (C20.8)	13.033	8001324	59.704 ug/ml
14) T Benzo[a]anthracene (C...	14.904	6024798	49.529 ug/ml
15) T Chrysene (C27.41)	14.949	6823825	53.702 ug/ml
16) T benzo[b]fluoranthene ...	16.461	6886546	58.186 ug/ml
17) T Bnezo[k]fluoranthene ...	16.492	4591306	39.035 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.841	5365189	46.877 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.206	4501244	41.376 ug/ml
20) T Dibenz[a,h]anthracene...	18.241	3666247	34.499 ug/ml
21) T Benzo[g,h,i]perylene ...	18.463	4293241	39.649 ug/mlm

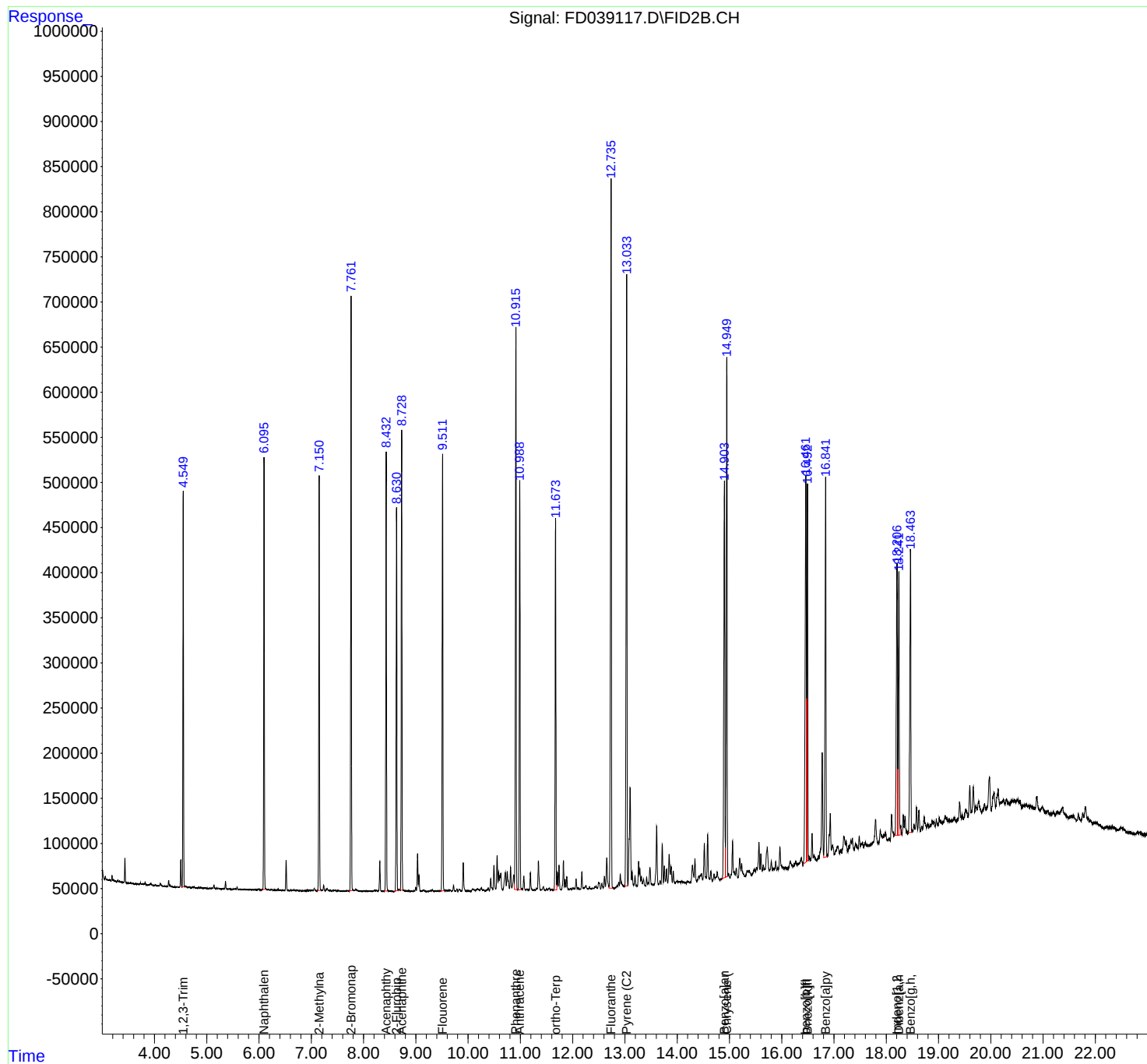
(f)=RT Delta > 1/2 Window

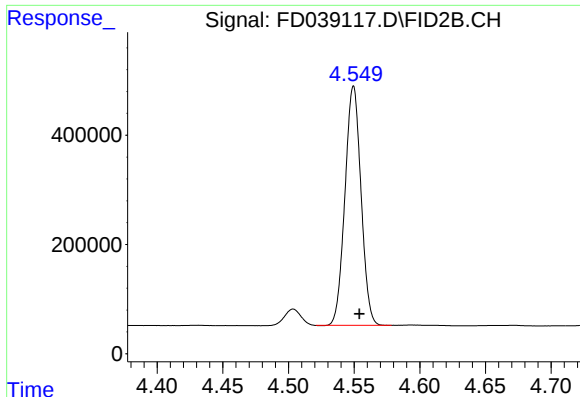
(m)=manual int.

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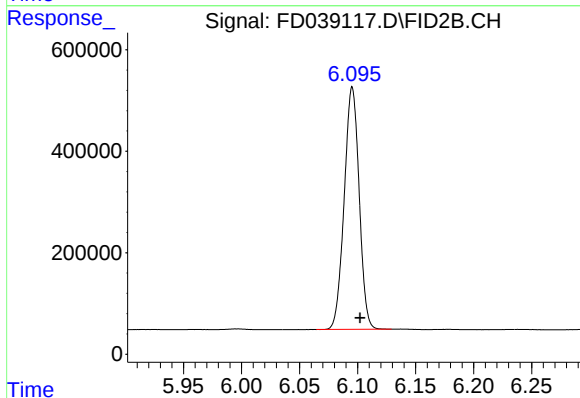
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Signal Info : 20M x 0.18mm x 0.18µm





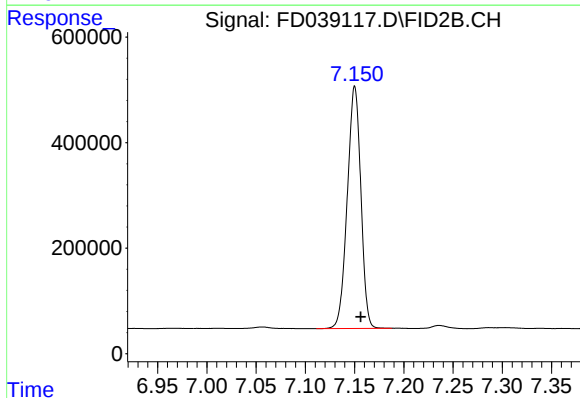
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.550 min
Delta R.T.: -0.004 min
Response: 3727001
Conc: 26.63 ug/ml



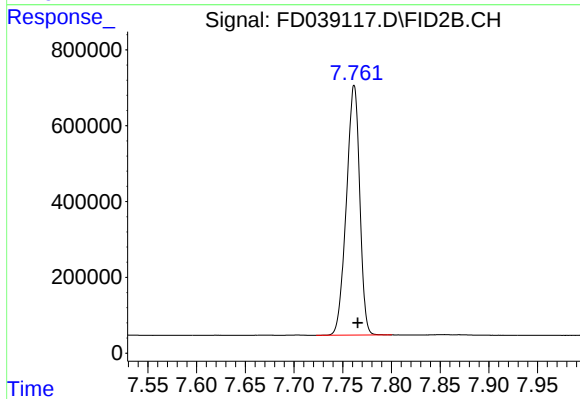
#2 Naphthalene (C11.7)

R.T.: 6.095 min
Delta R.T.: -0.007 min
Response: 4284323
Conc: 29.04 ug/ml



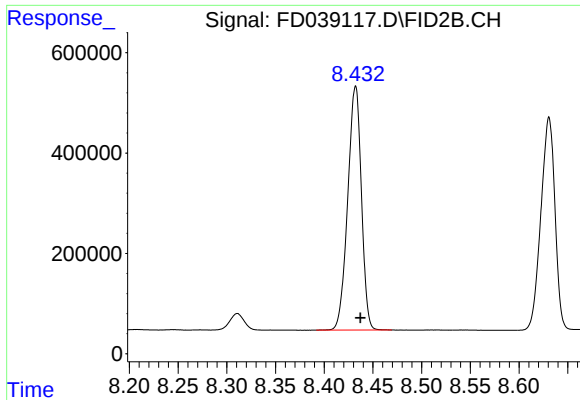
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.150 min
Delta R.T.: -0.006 min
Response: 4399642
Conc: 29.53 ug/ml



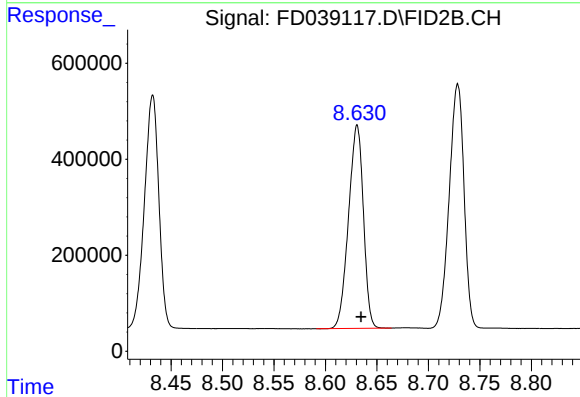
#4 2-Bromonaphthalene (SURR)

R.T.: 7.762 min
Delta R.T.: -0.004 min
Response: 6283609
Conc: 48.14 ug/ml



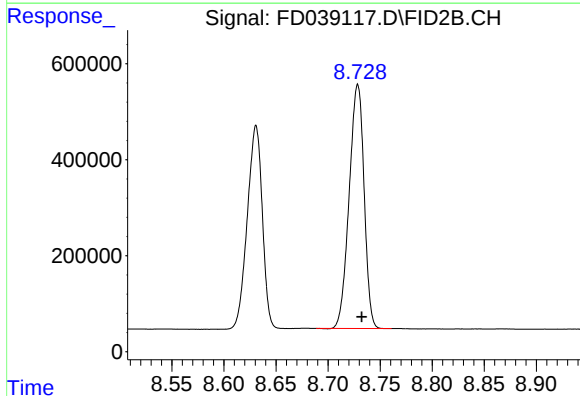
#5 Acenaphthylene (C15.06)

R.T.: 8.432 min
Delta R.T.: -0.005 min
Response: 4749282
Conc: 34.66 ug/ml



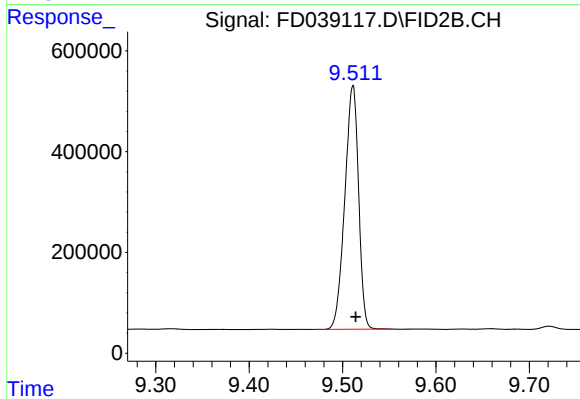
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.631 min
Delta R.T.: -0.004 min
Response: 4257068
Conc: 47.83 ug/ml



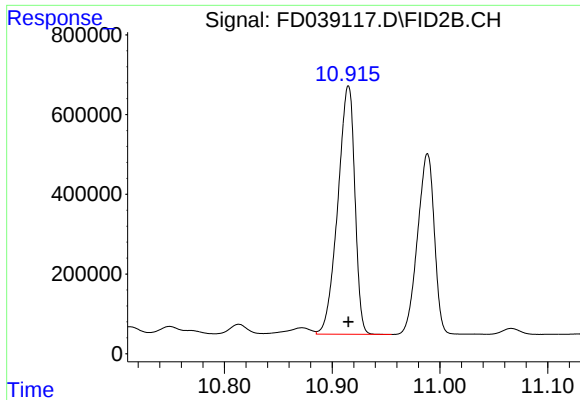
#7 Acenaphthene (C15.5)

R.T.: 8.729 min
Delta R.T.: -0.004 min
Response: 5074200
Conc: 35.17 ug/ml



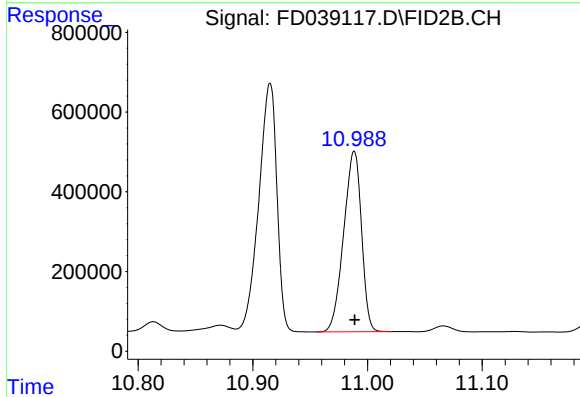
#8 Fluorene (C16.55)

R.T.: 9.511 min
Delta R.T.: -0.003 min
Response: 4964924
Conc: 34.97 ug/ml



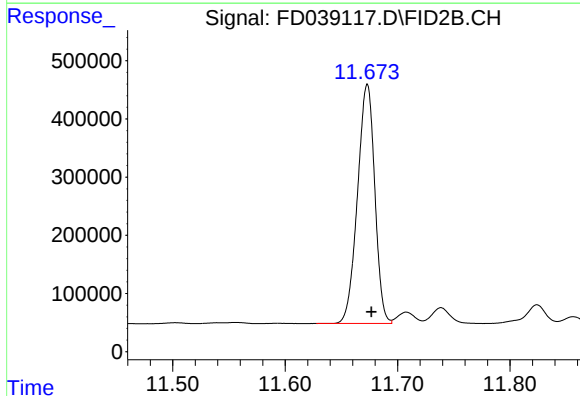
#9 Phenanthrene (C19.36)

R.T.: 10.915 min
Delta R.T.: 0.000 min
Response: 6856046
Conc: 49.43 ug/ml



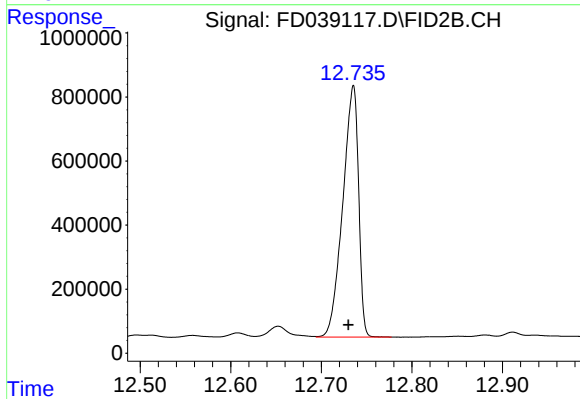
#10 Anthracene (C19.43)

R.T.: 10.988 min
Delta R.T.: 0.000 min
Response: 4890952
Conc: 35.77 ug/ml



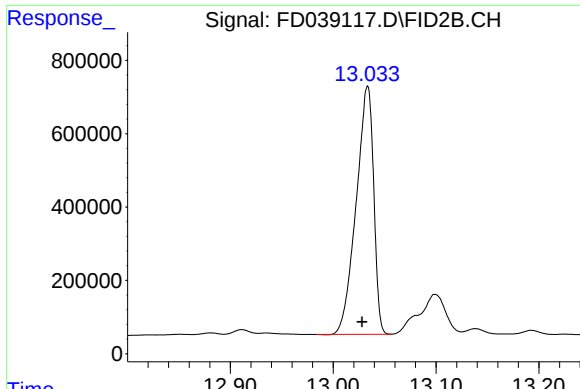
#11 ortho-Terphenyl (SURR)

R.T.: 11.673 min
Delta R.T.: -0.004 min
Response: 4395324
Conc: 31.99 ug/ml



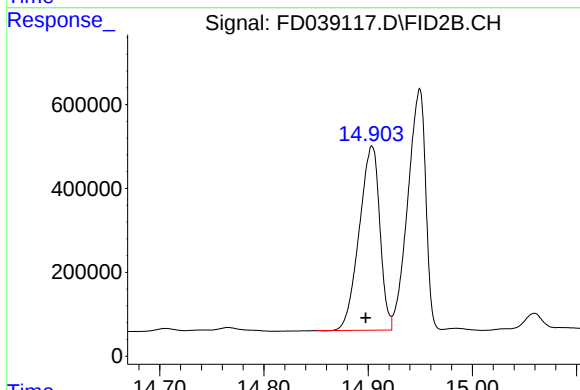
#12 Fluoranthene (C21.85)

R.T.: 12.735 min
Delta R.T.: 0.006 min
Response: 9520814
Conc: 69.25 ug/ml



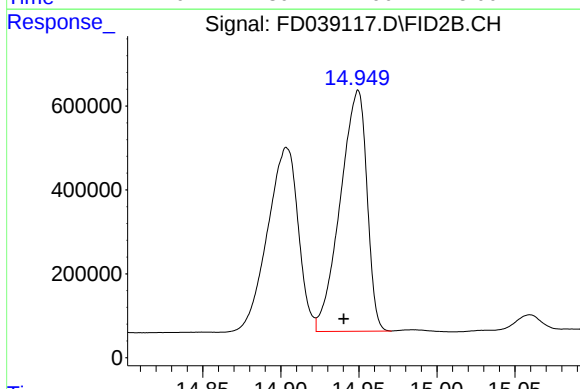
#13 Pyrene (C20.8)

R.T.: 13.033 min
Delta R.T.: 0.005 min
Response: 8001324
Conc: 59.70 ug/ml



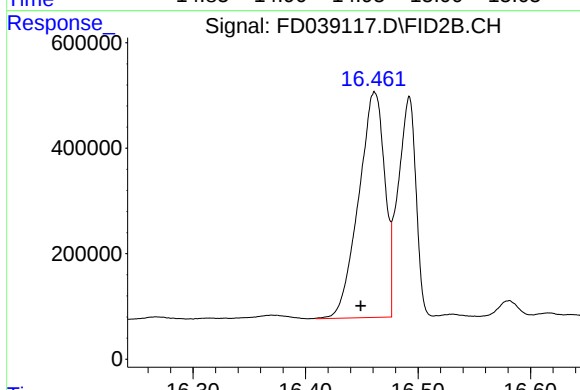
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.904 min
Delta R.T.: 0.006 min
Response: 6024798
Conc: 49.53 ug/ml



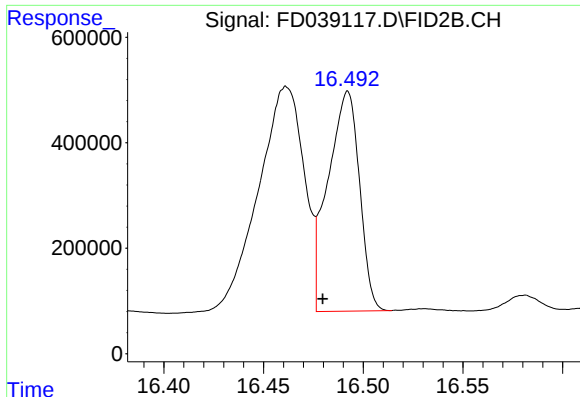
#15 Chrysene (C27.41)

R.T.: 14.949 min
Delta R.T.: 0.009 min
Response: 6823825
Conc: 53.70 ug/ml



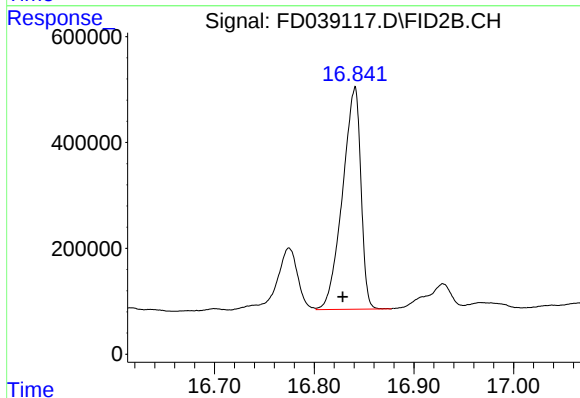
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.461 min
Delta R.T.: 0.012 min
Response: 6886546
Conc: 58.19 ug/ml



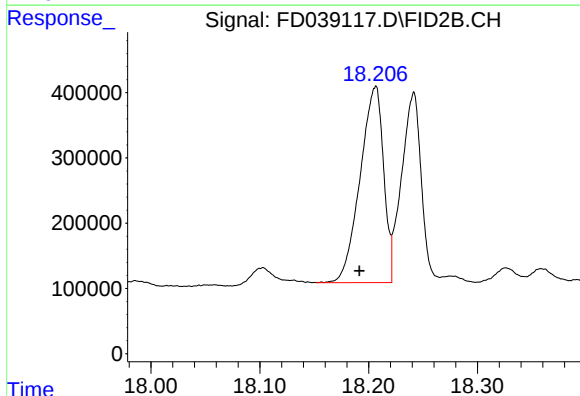
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.492 min
Delta R.T.: 0.012 min
Response: 4591306
Conc: 39.04 ug/ml



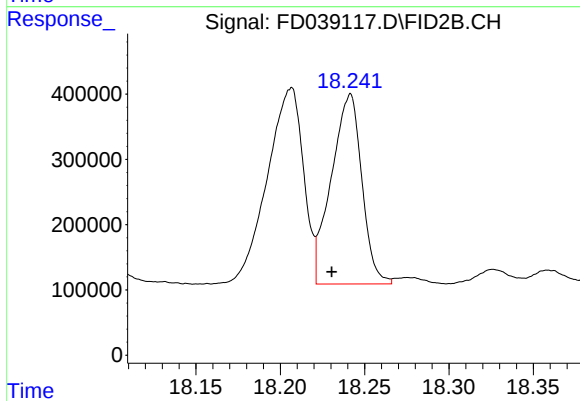
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.841 min
Delta R.T.: 0.012 min
Response: 5365189
Conc: 46.88 ug/ml



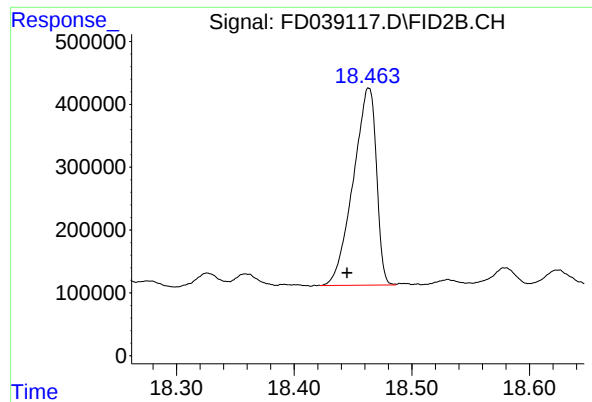
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.206 min
Delta R.T.: 0.015 min
Response: 4501244
Conc: 41.38 ug/ml



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

R.T.: 18.241 min
Delta R.T.: 0.011 min
Response: 3666247
Conc: 34.50 ug/ml



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

R.T.: 18.463 min
Delta R.T.: 0.018 min
Response: 4293241
Conc: 39.65 ug/ml m