

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100120AR\
 Data File : FD034910.D
 Signal(s) : FID2B.CH
 Acq On : 02 Oct 2020 3:08
 Operator : DD\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 02 10:22:15 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100120.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 02 10:20:39 2020
 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...	7.679	5882017	48.385 ug/ml
Spiked Amount 50.000		Recovery =	96.77%
6) S 2-Fluorobiphenyl (SURR)	8.545	4168972	48.621 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.24%
11) S ortho-Terphenyl (SURR)	11.587	6774660	48.037 ug/ml
Spiked Amount 50.000		Recovery =	96.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.472	6383869	47.485 ug/ml
2) T Naphthalene (C11.7)	6.015	6856106	48.358 ug/ml
3) T 2-Methylnaphthalene (...)	7.070	6906118	48.326 ug/ml
5) T Acenaphthylene (C15.06)	8.348	6700812	47.859 ug/ml
7) T Acenaphthene (C15.5)	8.644	6891821	48.104 ug/ml
8) T Fluorene (C16.55)	9.425	6746629	48.197 ug/ml
9) T Phenanthrene (C19.36)	10.824	6728451	48.561 ug/ml
10) T Anthracene (C19.43)	10.900	6703266	48.242 ug/ml
12) T Fluoranthene (C21.85)	12.638	6574145	48.282 ug/ml
13) T Pyrene (C20.8)	12.936	6450124	48.982 ug/ml
14) T Benzo[a]anthracene (C...	14.808	5811859	48.847 ug/ml
15) T Chrysene (C27.41)	14.852	5972183	47.664 ug/ml
16) T benzo[b]fluoranthene ...	16.359	5430507	48.725 ug/ml
17) T Bnezo[k]fluoranthene ...	16.393	5286713	47.515 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.738	4850425	47.520 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.104	4823848	50.697 ug/ml
20) T Dibenz[a,h]anthracene...	18.141	4830873	45.988 ug/ml
21) T Benzo[g,h,i]perylene ...	18.360	4786191	48.232 ug/ml

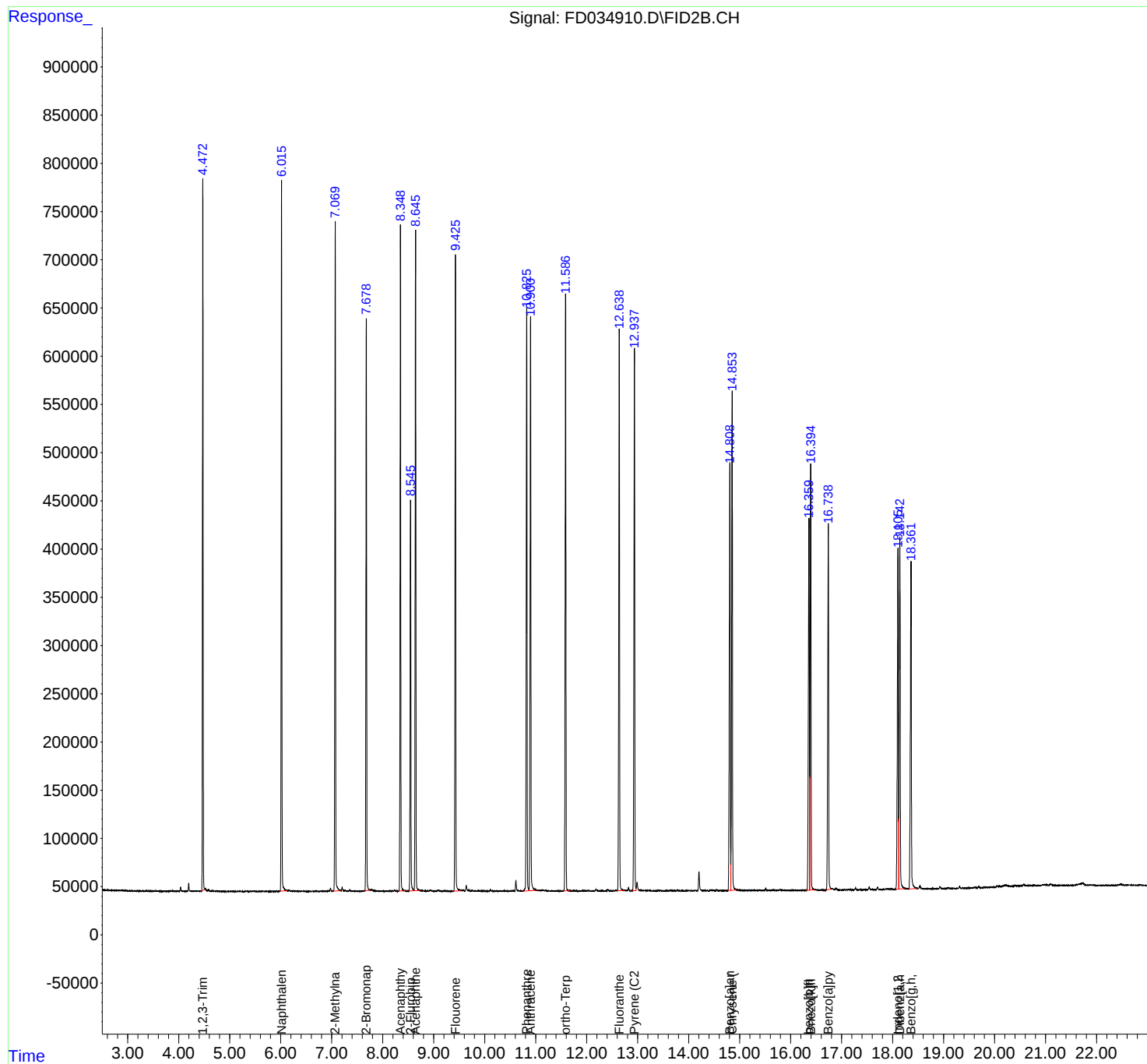
(f)=RT Delta > 1/2 Window

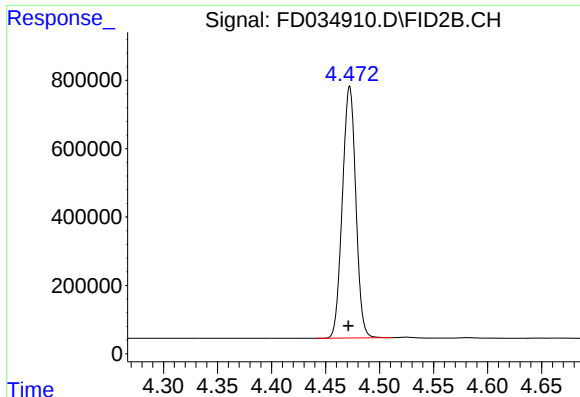
(m)=manual int.

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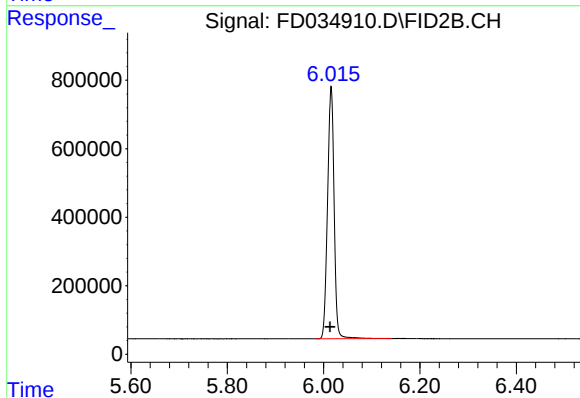
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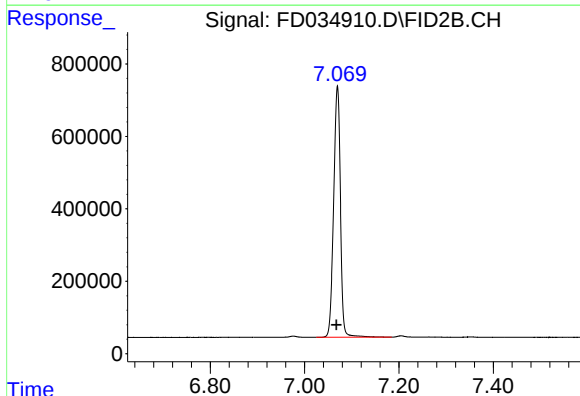
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.472 min
Delta R.T.: 0.001 min
Response: 6383869
Conc: 47.48 ug/ml



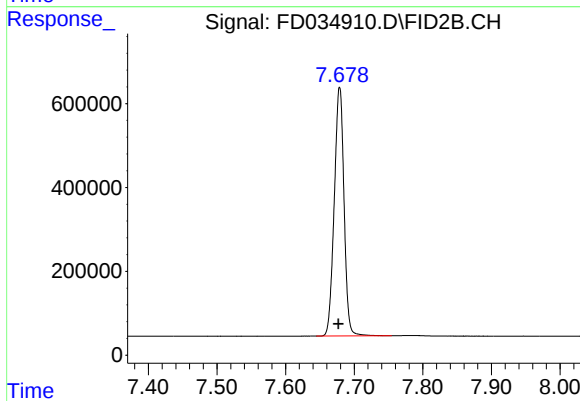
#2 Naphthalene (C11.7)

R.T.: 6.015 min
Delta R.T.: 0.002 min
Response: 6856106
Conc: 48.36 ug/ml



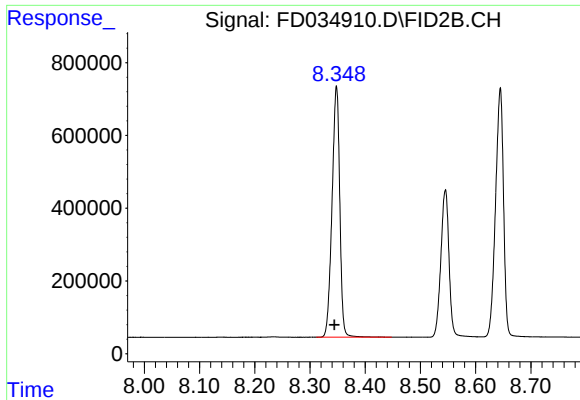
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.070 min
Delta R.T.: 0.002 min
Response: 6906118
Conc: 48.33 ug/ml



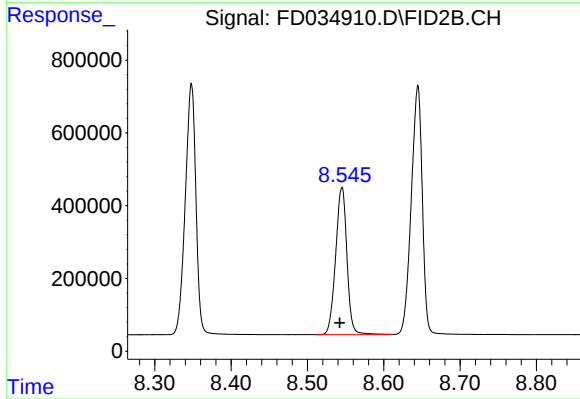
#4 2-Bromonaphthalene (SURR)

R.T.: 7.679 min
Delta R.T.: 0.002 min
Response: 5882017
Conc: 48.39 ug/ml



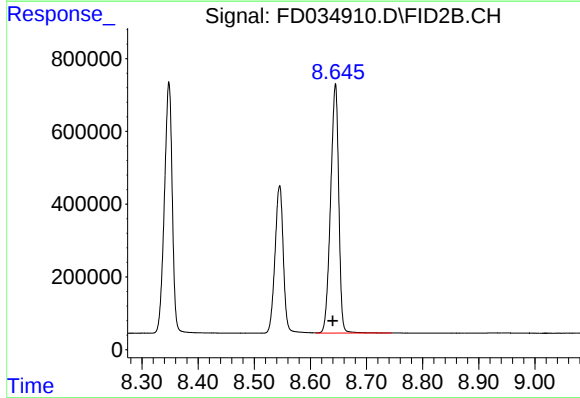
#5 Acenaphthylene (C15.06)

R.T.: 8.348 min
Delta R.T.: 0.003 min
Response: 6700812
Conc: 47.86 ug/ml



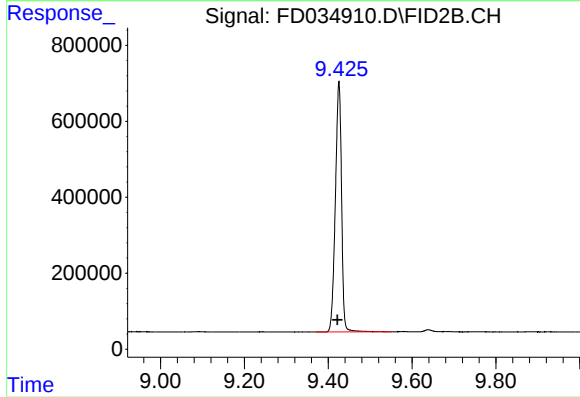
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.545 min
Delta R.T.: 0.003 min
Response: 4168972
Conc: 48.62 ug/ml



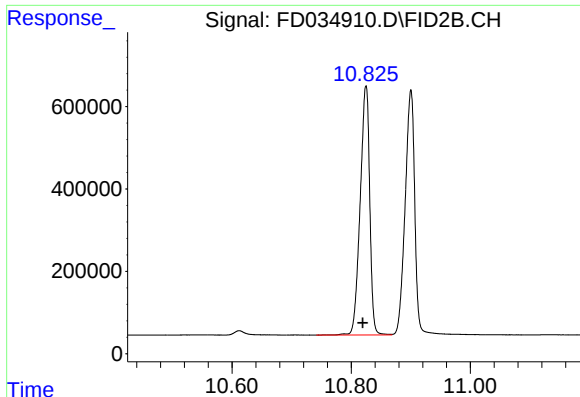
#7 Acenaphthene (C15.5)

R.T.: 8.644 min
Delta R.T.: 0.004 min
Response: 6891821
Conc: 48.10 ug/ml



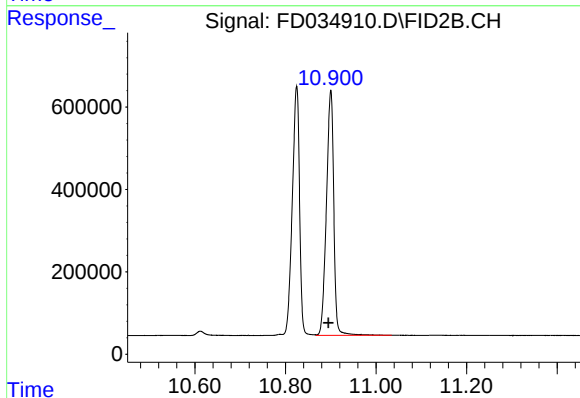
#8 Flouorene (C16.55)

R.T.: 9.425 min
Delta R.T.: 0.003 min
Response: 6746629
Conc: 48.20 ug/ml



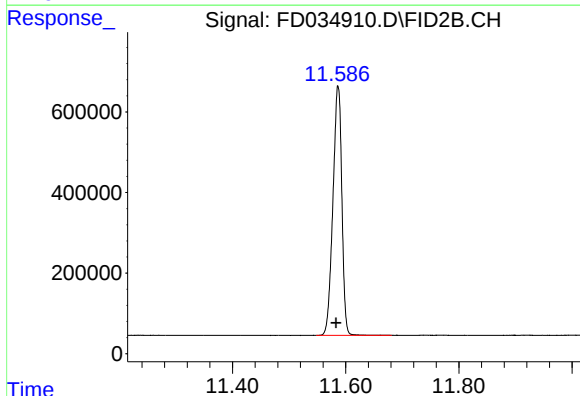
#9 Phenanthrene (C19.36)

R.T.: 10.824 min
Delta R.T.: 0.005 min
Response: 6728451
Conc: 48.56 ug/ml



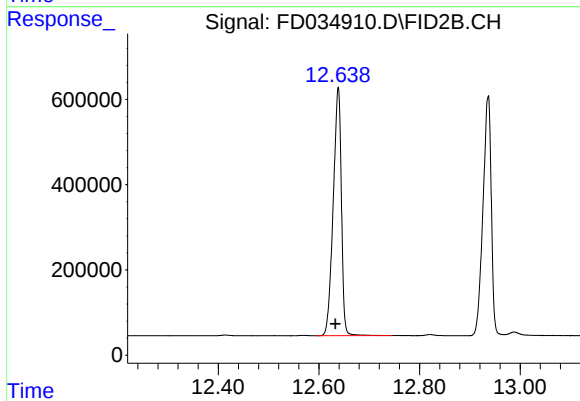
#10 Anthracene (C19.43)

R.T.: 10.900 min
Delta R.T.: 0.005 min
Response: 6703266
Conc: 48.24 ug/ml



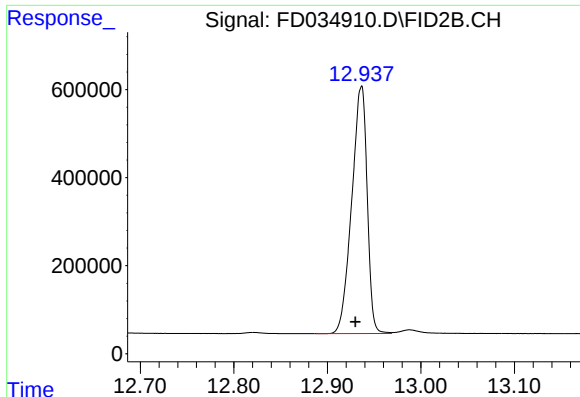
#11 ortho-Terphenyl (SURR)

R.T.: 11.587 min
Delta R.T.: 0.003 min
Response: 6774660
Conc: 48.04 ug/ml



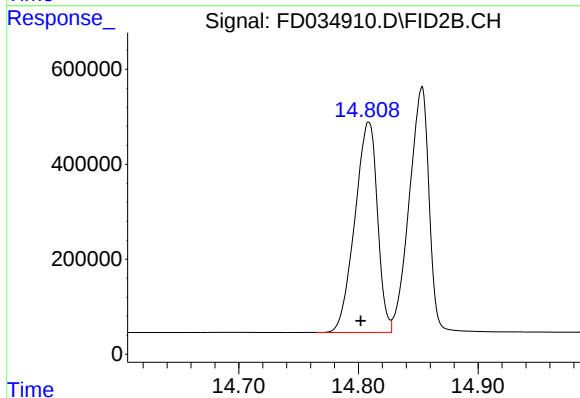
#12 Fluoranthene (C21.85)

R.T.: 12.638 min
Delta R.T.: 0.005 min
Response: 6574145
Conc: 48.28 ug/ml



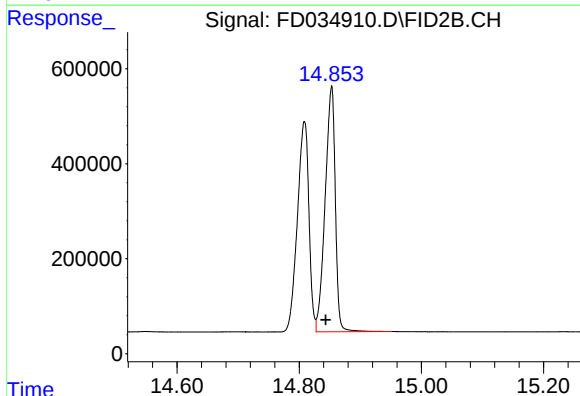
#13 Pyrene (C20.8)

R.T.: 12.936 min
Delta R.T.: 0.006 min
Response: 6450124
Conc: 48.98 ug/ml



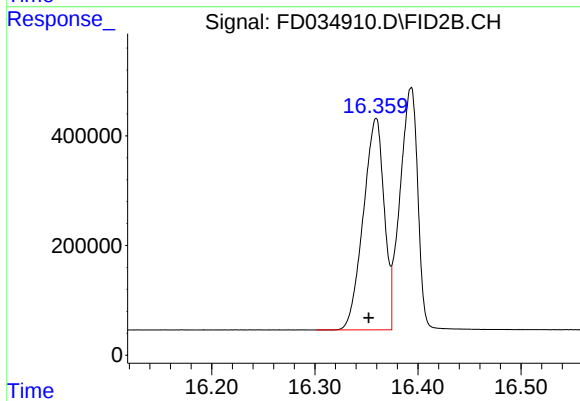
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.808 min
Delta R.T.: 0.006 min
Response: 5811859
Conc: 48.85 ug/ml



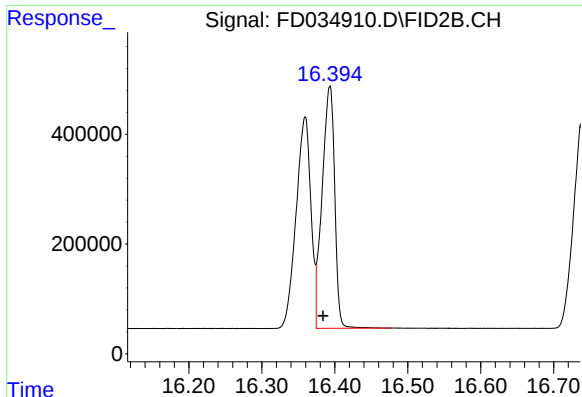
#15 Chrysene (C27.41)

R.T.: 14.852 min
Delta R.T.: 0.009 min
Response: 5972183
Conc: 47.66 ug/ml



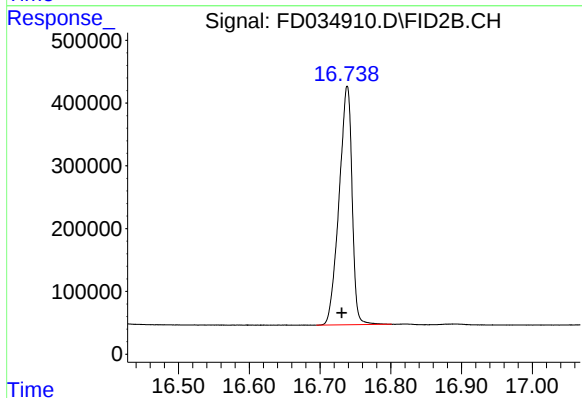
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.359 min
Delta R.T.: 0.007 min
Response: 5430507
Conc: 48.72 ug/ml



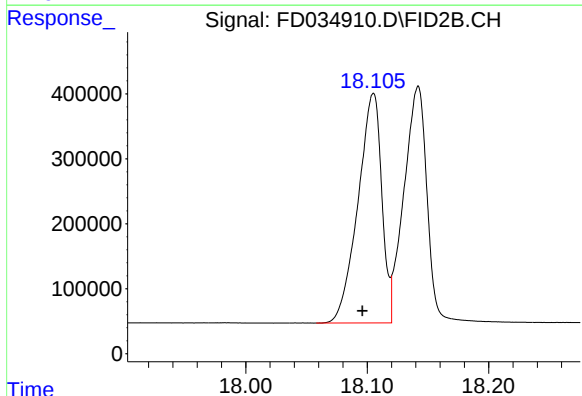
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.393 min
Delta R.T.: 0.009 min
Response: 5286713
Conc: 47.51 ug/ml



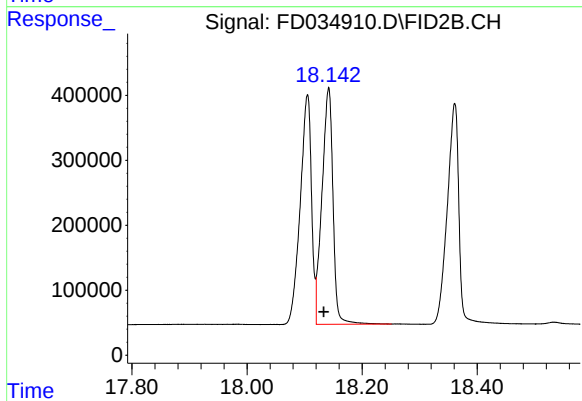
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.738 min
Delta R.T.: 0.007 min
Response: 4850425
Conc: 47.52 ug/ml



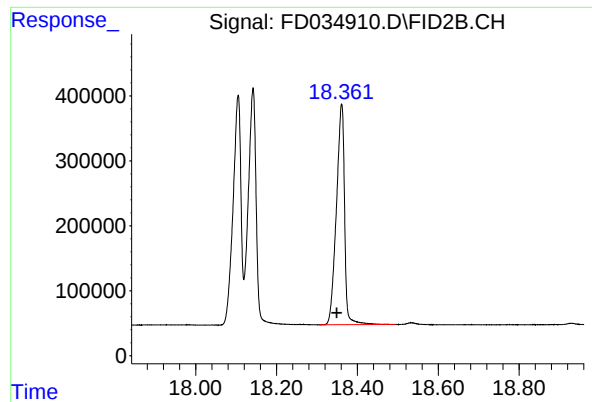
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.104 min
Delta R.T.: 0.008 min
Response: 4823848
Conc: 50.70 ug/ml



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

R.T.: 18.141 min
Delta R.T.: 0.008 min
Response: 4830873
Conc: 45.99 ug/ml



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

R.T.: 18.360 min
Delta R.T.: 0.011 min
Response: 4786191
Conc: 48.23 ug/ml