

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092519AR\
 Data File : FD030802.D
 Signal(s) : FID2B.CH
 Acq On : 26 Sep 2019 1:16
 Operator : DD\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 26 04:33:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 04:31:59 2019
 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...	7.590	18476620	112.626 ug/ml
Spiked Amount 50.000		Recovery =	225.25%
6) S 2-Fluorobiphenyl (SURR)	8.453	12542427	112.320 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	224.64%#
11) S ortho-Terphenyl (SURR)	11.485	19527588	108.777 ug/ml
Spiked Amount 50.000		Recovery =	217.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.395	19987292	113.543 ug/ml
2) T Naphthalene (C11.7)	5.930	21061719	113.677 ug/ml
3) T 2-Methylnaphthalene (...)	6.982	20795302	113.034 ug/ml
5) T Acenaphthylene (C15.06)	8.257	19653336	110.932 ug/ml
7) T Acenaphthene (C15.5)	8.555	20535087	110.729 ug/ml
8) T Fluorene (C16.55)	9.334	20248097	110.807 ug/ml
9) T Phenanthrene (C19.36)	10.728	19970105	109.537 ug/ml
10) T Anthracene (C19.43)	10.806	19301002	109.304 ug/ml
12) T Fluoranthene (C21.85)	12.538	19585432	108.460 ug/ml
13) T Pyrene (C20.8)	12.836	19427235	109.796 ug/ml
14) T Benzo[a]anthracene (C...	14.700	18044703	107.129 ug/ml
15) T Chrysene (C27.41)	14.752	17957168	104.971 ug/mlm
16) T benzo[b]fluoranthene ...	16.252	17170128	104.435 ug/ml
17) T Bnezo[k]fluoranthene ...	16.294	16625225	100.188 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.634	16508558	102.672 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.999	16653834	108.828 ug/ml
20) T Dibenz[a,h]anthracene...	18.037	13806460	88.367 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.262	15212585	100.081 ug/ml

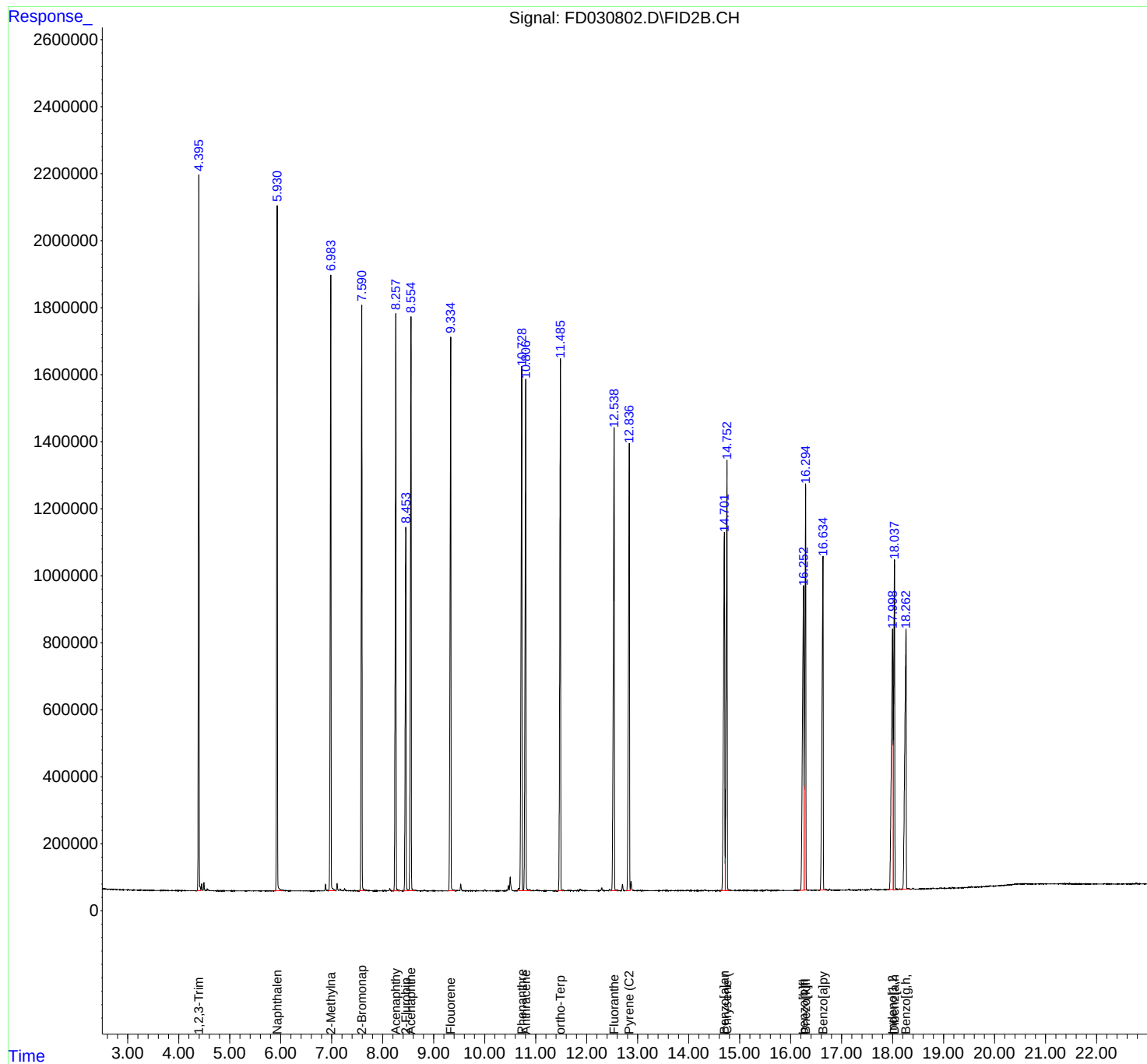
(f)=RT Delta > 1/2 Window

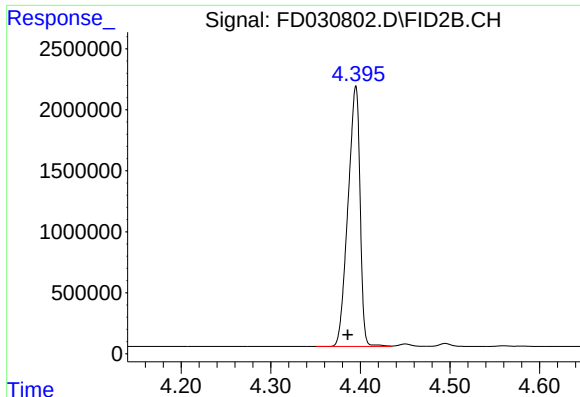
(m)=manual int.

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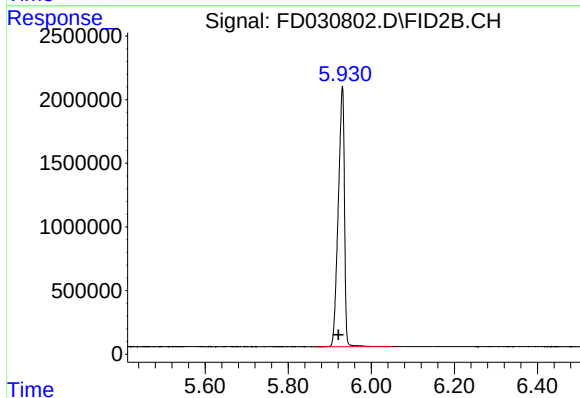
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





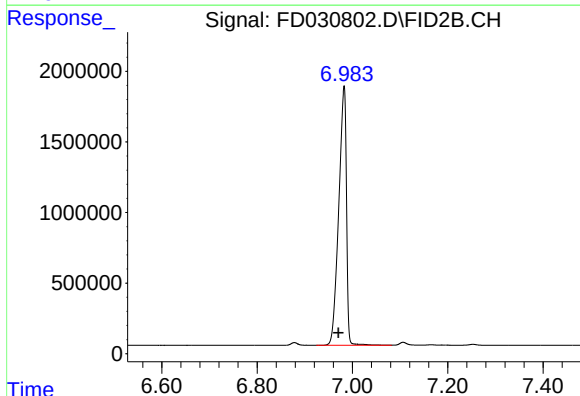
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.395 min
Delta R.T.: 0.009 min
Response: 19987292
Conc: 113.54 ug/ml



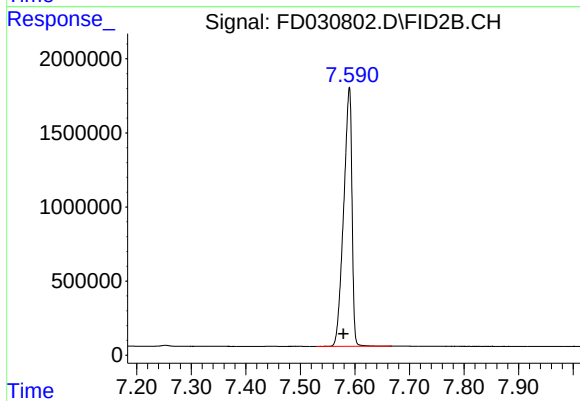
#2 Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: 0.010 min
Response: 21061719
Conc: 113.68 ug/ml



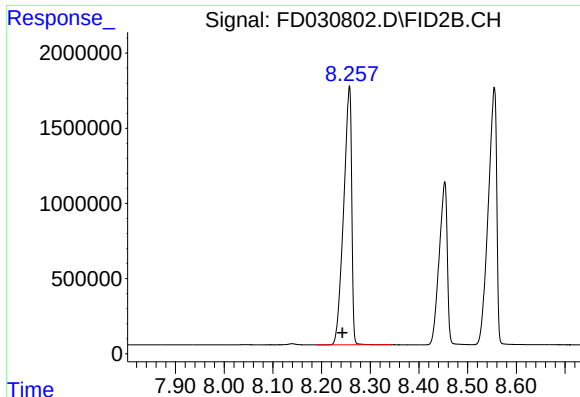
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.982 min
Delta R.T.: 0.012 min
Response: 20795302
Conc: 113.03 ug/ml



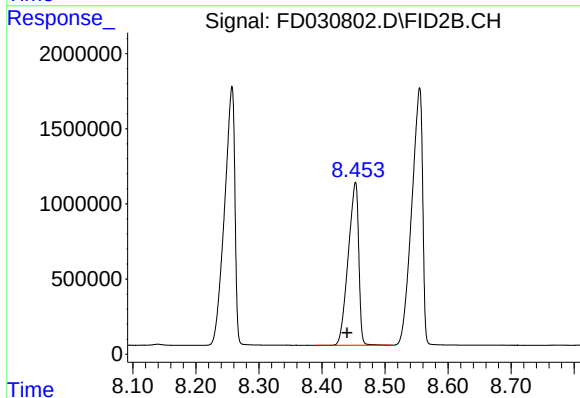
#4 2-Bromonaphthalene (SURR)

R.T.: 7.590 min
Delta R.T.: 0.011 min
Response: 18476620
Conc: 112.63 ug/ml



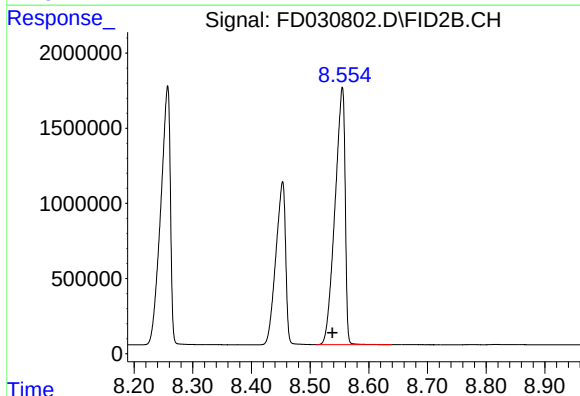
#5 Acenaphthylene (C15.06)

R.T.: 8.257 min
Delta R.T.: 0.014 min
Response: 19653336
Conc: 110.93 ug/ml



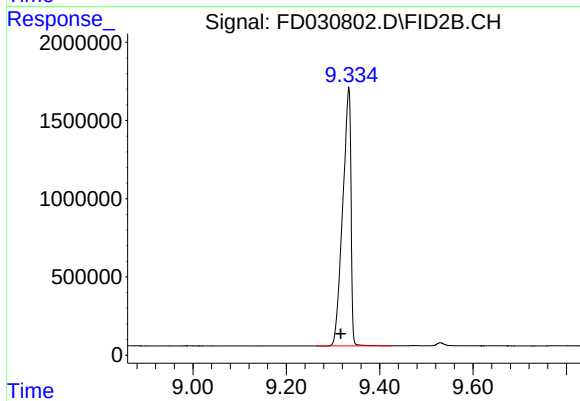
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.453 min
Delta R.T.: 0.013 min
Response: 12542427
Conc: 112.32 ug/ml



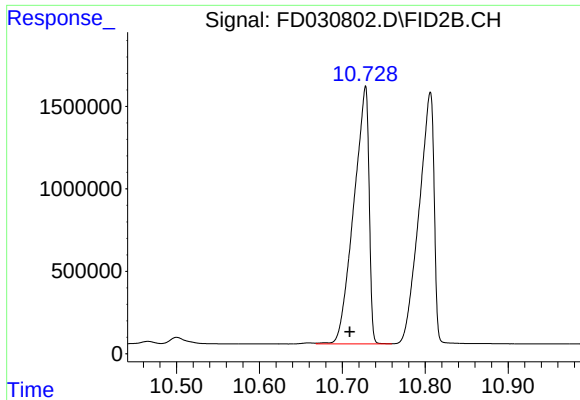
#7 Acenaphthene (C15.5)

R.T.: 8.555 min
Delta R.T.: 0.017 min
Response: 20535087
Conc: 110.73 ug/ml



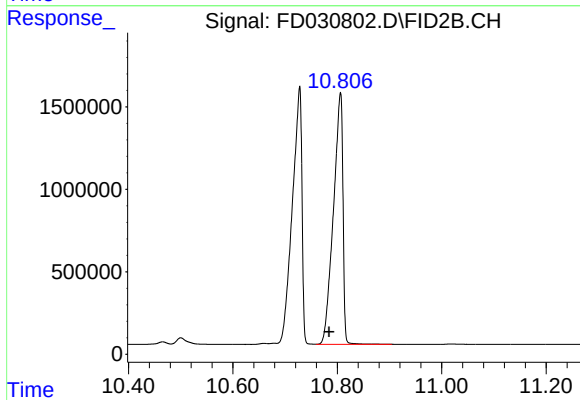
#8 Fluorene (C16.55)

R.T.: 9.334 min
Delta R.T.: 0.017 min
Response: 20248097
Conc: 110.81 ug/ml



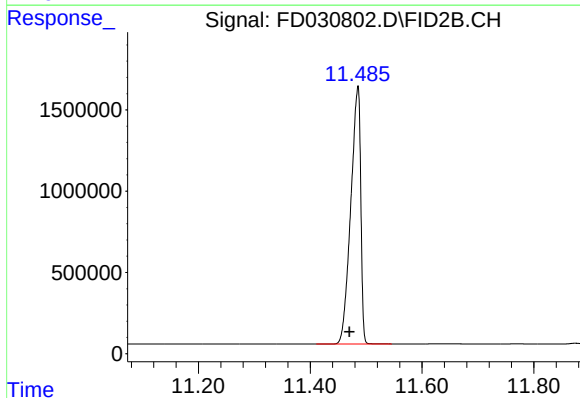
#9 Phenanthrene (C19.36)

R.T.: 10.728 min
Delta R.T.: 0.019 min
Response: 19970105
Conc: 109.54 ug/ml



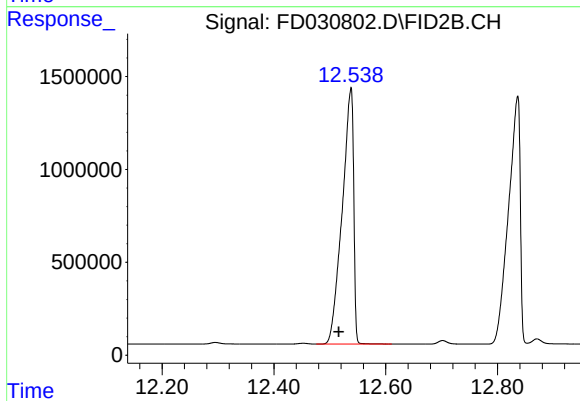
#10 Anthracene (C19.43)

R.T.: 10.806 min
Delta R.T.: 0.022 min
Response: 19301002
Conc: 109.30 ug/ml



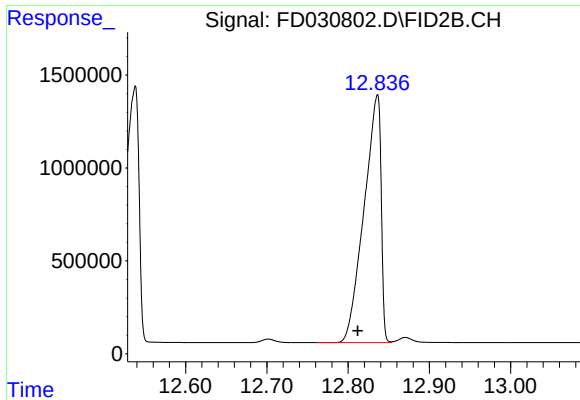
#11 ortho-Terphenyl (SURR)

R.T.: 11.485 min
Delta R.T.: 0.015 min
Response: 19527588
Conc: 108.78 ug/ml



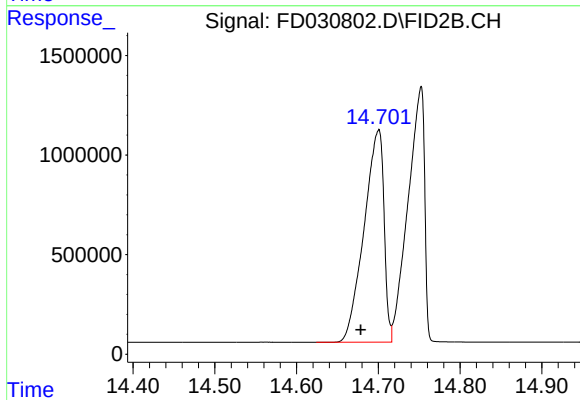
#12 Fluoranthene (C21.85)

R.T.: 12.538 min
Delta R.T.: 0.021 min
Response: 19585432
Conc: 108.46 ug/ml



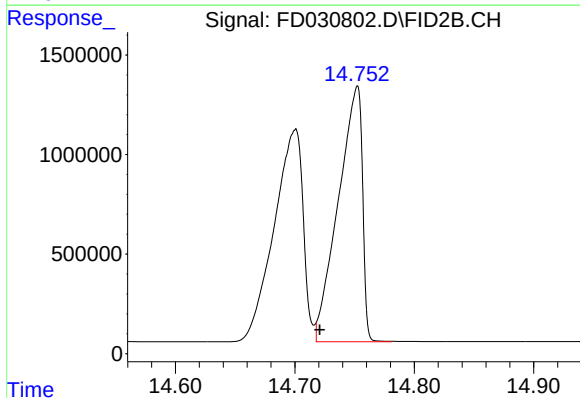
#13 Pyrene (C20.8)

R.T.: 12.836 min
Delta R.T.: 0.024 min
Response: 19427235
Conc: 109.80 ug/ml



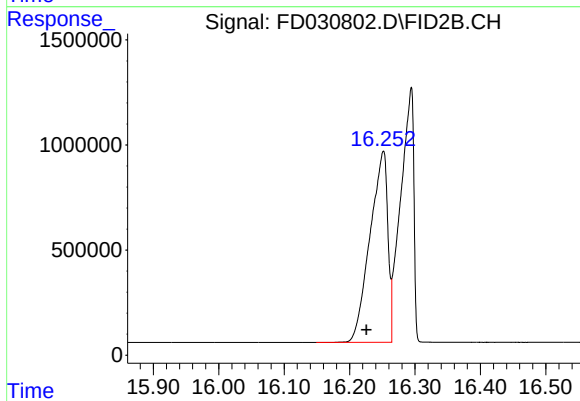
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.700 min
Delta R.T.: 0.022 min
Response: 18044703
Conc: 107.13 ug/ml



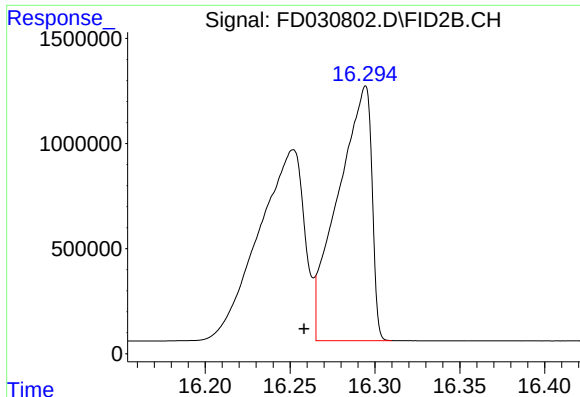
#15 Chrysene (C27.41)

R.T.: 14.752 min
Delta R.T.: 0.031 min
Response: 17957168
Conc: 104.97 ug/ml m



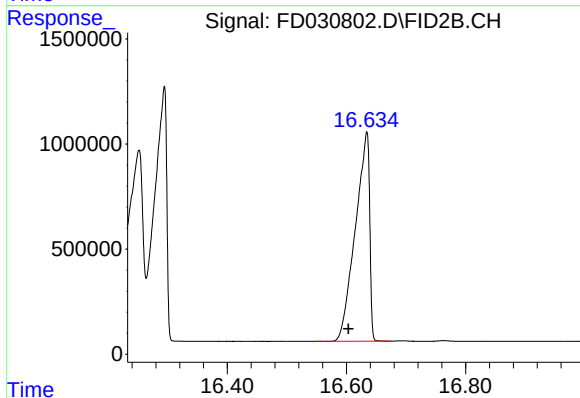
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.252 min
Delta R.T.: 0.026 min
Response: 17170128
Conc: 104.44 ug/ml



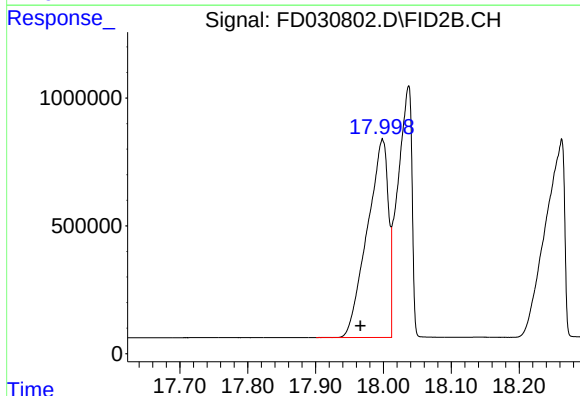
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.294 min
Delta R.T.: 0.036 min
Response: 16625225
Conc: 100.19 ug/ml m



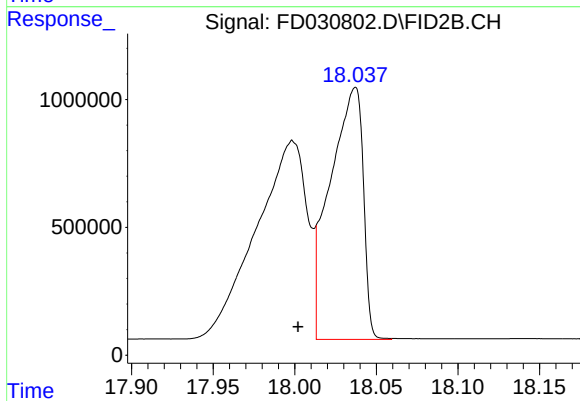
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.634 min
Delta R.T.: 0.030 min
Response: 16508558
Conc: 102.67 ug/ml



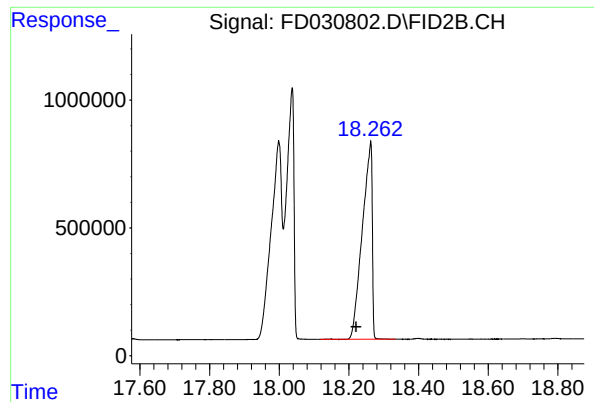
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.999 min
Delta R.T.: 0.033 min
Response: 16653834
Conc: 108.83 ug/ml



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

R.T.: 18.037 min
Delta R.T.: 0.035 min
Response: 13806460
Conc: 88.37 ug/ml m



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

R.T.: 18.262 min
Delta R.T.: 0.042 min
Response: 15212585
Conc: 100.08 ug/ml