

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110519AR\
 Data File : FD031344.D
 Signal(s) : FID2B.CH
 Acq On : 05 Nov 2019 22:27
 Operator : DD\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 06 02:52:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110519.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 02:50:56 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...	7.642	5937123	48.913 ug/ml
Spiked Amount 50.000		Recovery =	97.83%
6) S 2-Fluorobiphenyl (SURR)	8.502	4125625	49.088 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.18%
11) S ortho-Terphenyl (SURR)	11.542	6416368	49.277 ug/ml
Spiked Amount 50.000		Recovery =	98.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.444	5813075	47.208 ug/ml
2) T Naphthalene (C11.7)	5.982	6237364	47.097 ug/ml
3) T 2-Methylnaphthalene (...)	7.033	6236321	47.215 ug/ml
5) T Acenaphthylene (C15.06)	8.306	6288853	48.966 ug/ml
7) T Acenaphthene (C15.5)	8.602	6546565	49.003 ug/ml
8) T Fluorene (C16.55)	9.381	6542259	49.071 ug/ml
9) T Phenanthrene (C19.36)	10.775	6627565	49.232 ug/ml
10) T Anthracene (C19.43)	10.850	6433584	48.945 ug/ml
12) T Fluoranthene (C21.85)	12.585	6629939	49.239 ug/ml
13) T Pyrene (C20.8)	12.882	6594558	49.225 ug/ml
14) T Benzo[a]anthracene (C...	14.751	6319422	48.862 ug/ml
15) T Chrysene (C27.41)	14.796	6310460	48.873 ug/ml
16) T benzo[b]fluoranthene ...	16.300	6261259	48.761 ug/ml
17) T Bnezo[k]fluoranthene ...	16.335	6179204	48.288 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.680	6173716	48.591 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.042	6075916	49.210 ug/ml
20) T Dibenz[a,h]anthracene...	18.082	5972875	47.431 ug/ml
21) T Benzo[g,h,i]perylene ...	18.300	6011042	48.691 ug/ml

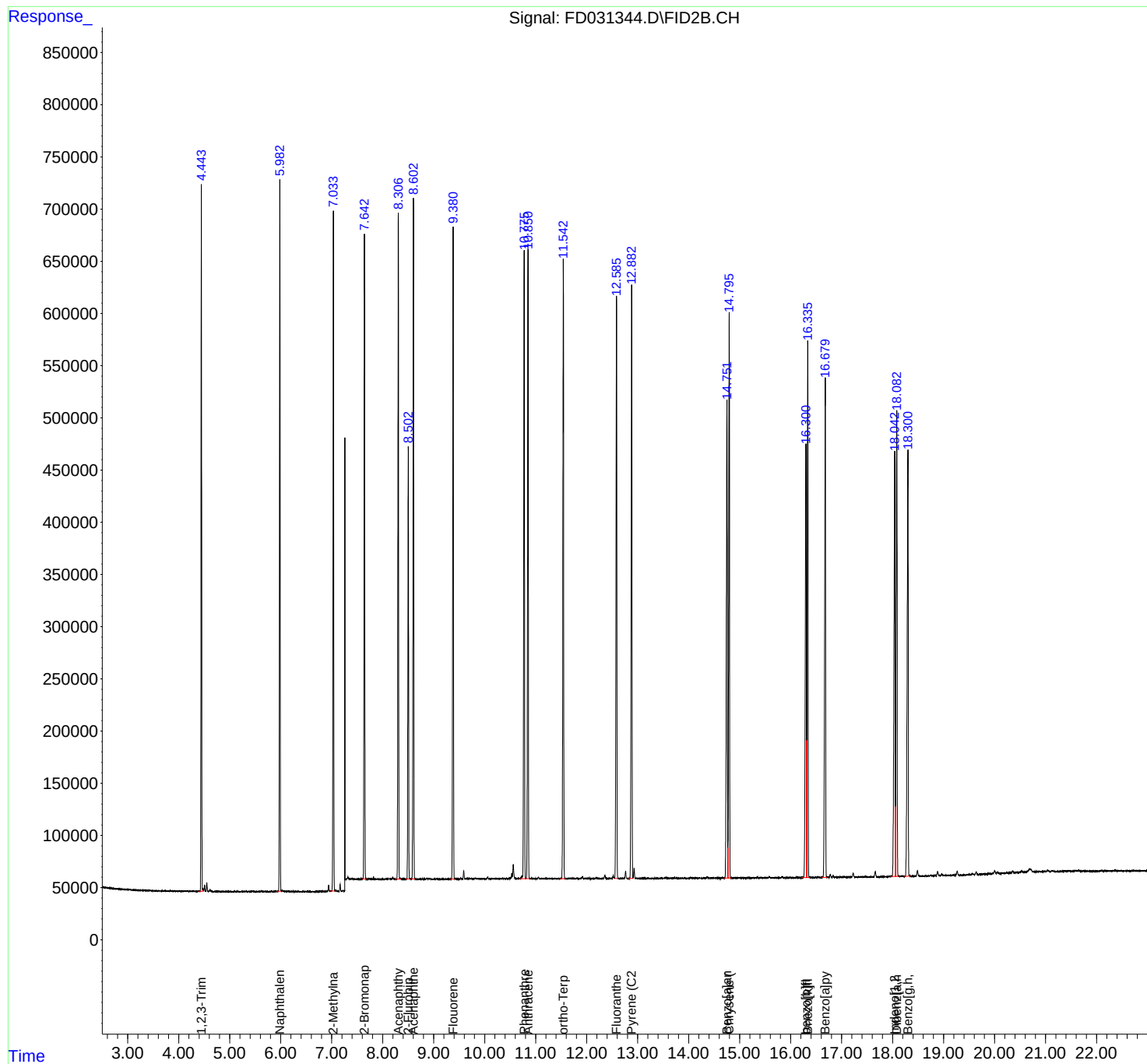
(f)=RT Delta > 1/2 Window

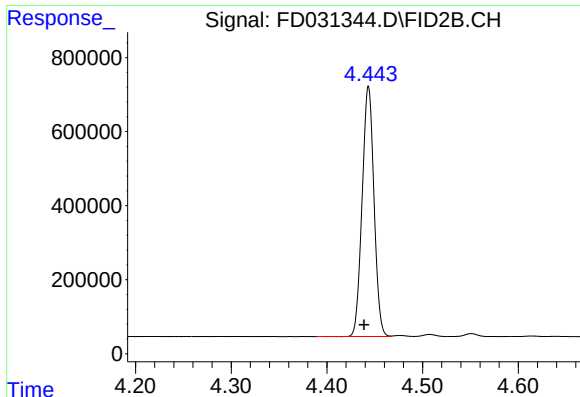
(m)=manual int.

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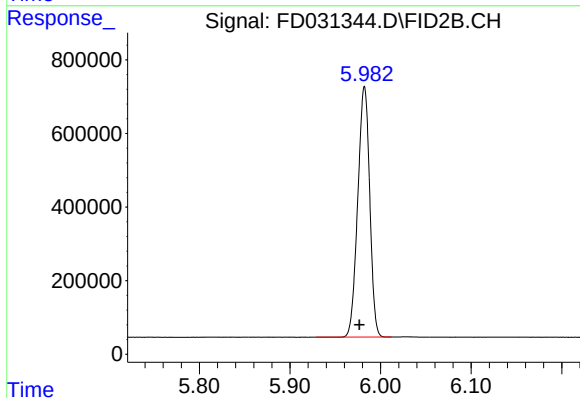
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Signal Info : 20M x 0.18mm x 0.18µm





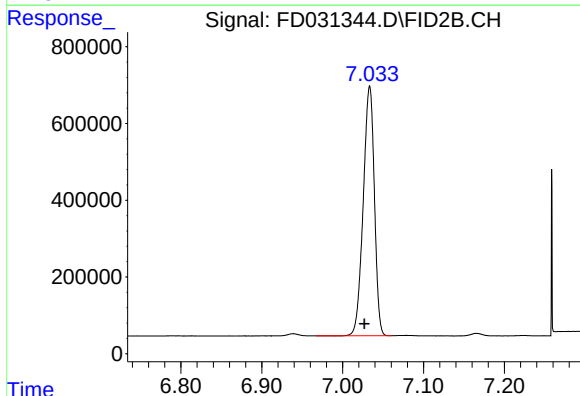
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.444 min
Delta R.T.: 0.005 min
Response: 5813075
Conc: 47.21 ug/ml



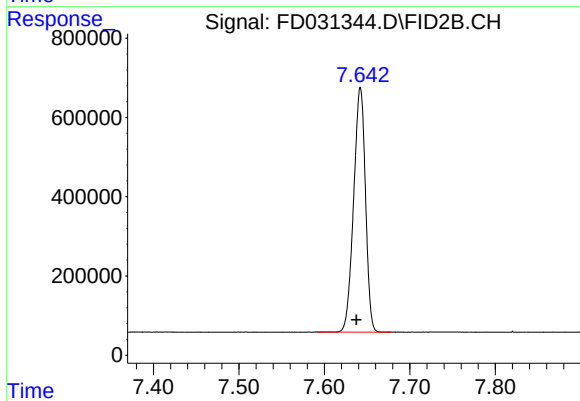
#2 Naphthalene (C11.7)

R.T.: 5.982 min
Delta R.T.: 0.006 min
Response: 6237364
Conc: 47.10 ug/ml



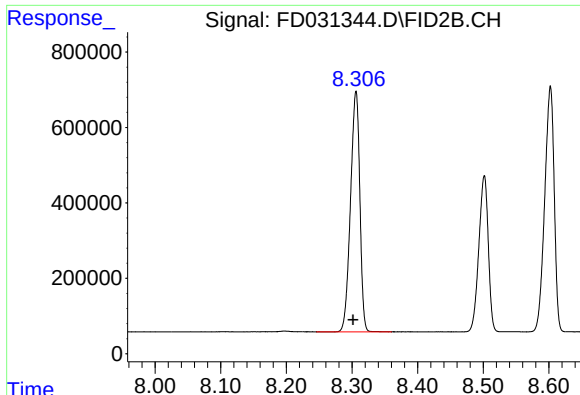
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.033 min
Delta R.T.: 0.006 min
Response: 6236321
Conc: 47.22 ug/ml



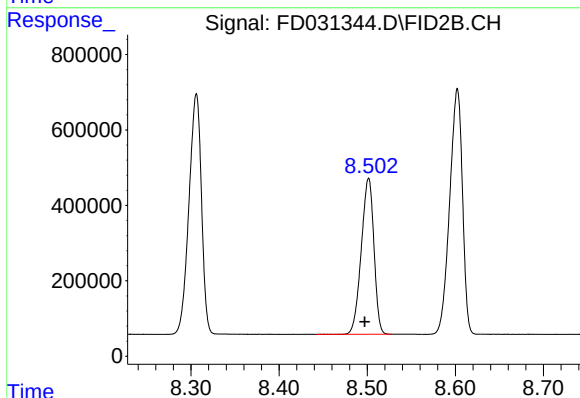
#4 2-Bromonaphthalene (SURR)

R.T.: 7.642 min
Delta R.T.: 0.005 min
Response: 5937123
Conc: 48.91 ug/ml



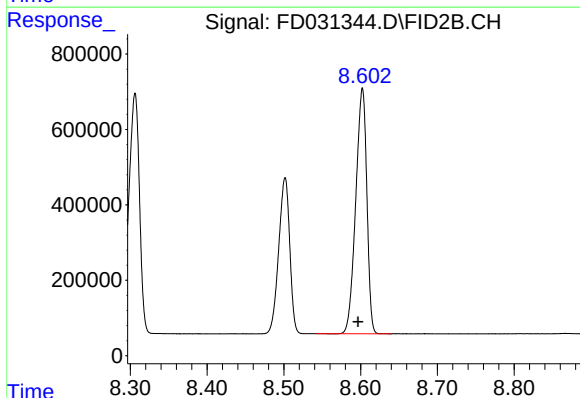
#5 Acenaphthylene (C15.06)

R.T.: 8.306 min
Delta R.T.: 0.005 min
Response: 6288853
Conc: 48.97 ug/ml



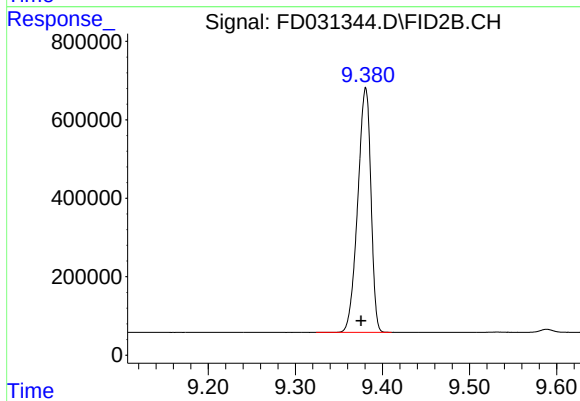
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.502 min
Delta R.T.: 0.005 min
Response: 4125625
Conc: 49.09 ug/ml



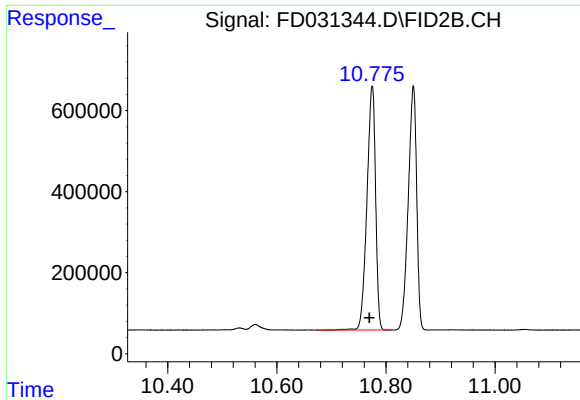
#7 Acenaphthene (C15.5)

R.T.: 8.602 min
Delta R.T.: 0.006 min
Response: 6546565
Conc: 49.00 ug/ml



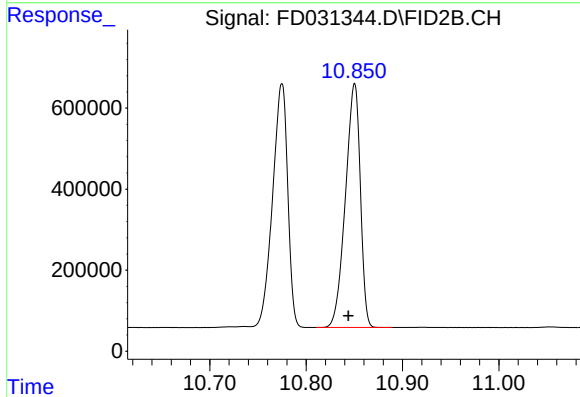
#8 Fluorene (C16.55)

R.T.: 9.381 min
Delta R.T.: 0.005 min
Response: 6542259
Conc: 49.07 ug/ml



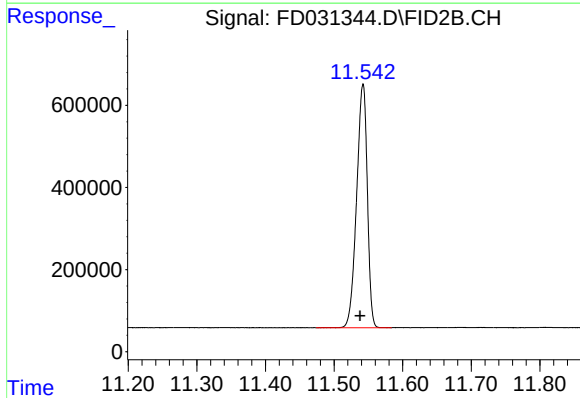
#9 Phenanthrene (C19.36)

R.T.: 10.775 min
Delta R.T.: 0.005 min
Response: 6627565
Conc: 49.23 ug/ml



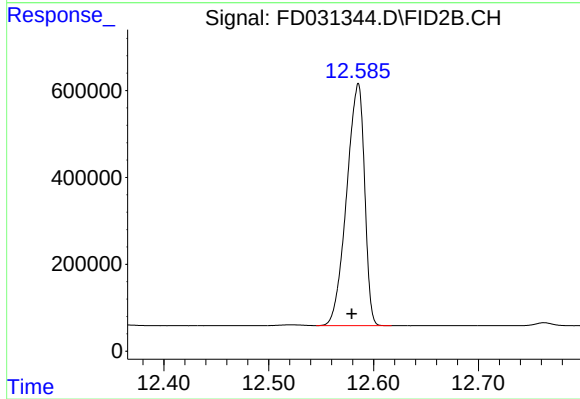
#10 Anthracene (C19.43)

R.T.: 10.850 min
Delta R.T.: 0.006 min
Response: 6433584
Conc: 48.94 ug/ml



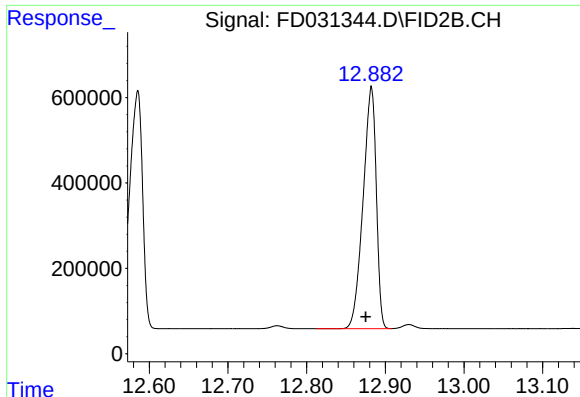
#11 ortho-Terphenyl (SURR)

R.T.: 11.542 min
Delta R.T.: 0.004 min
Response: 6416368
Conc: 49.28 ug/ml



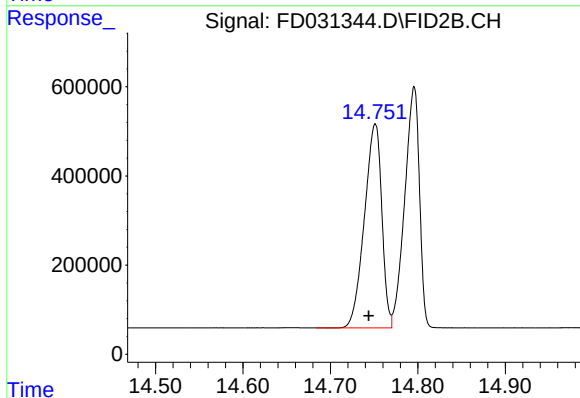
#12 Fluoranthene (C21.85)

R.T.: 12.585 min
Delta R.T.: 0.006 min
Response: 6629939
Conc: 49.24 ug/ml



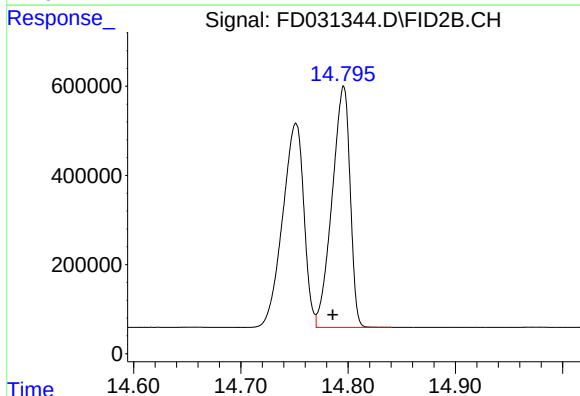
#13 Pyrene (C20.8)

R.T.: 12.882 min
Delta R.T.: 0.007 min
Response: 6594558
Conc: 49.23 ug/ml



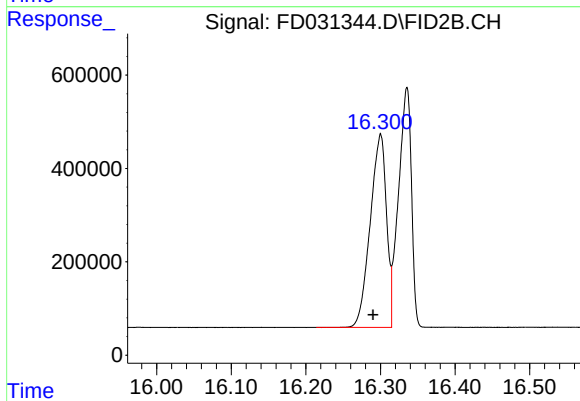
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.751 min
Delta R.T.: 0.008 min
Response: 6319422
Conc: 48.86 ug/ml



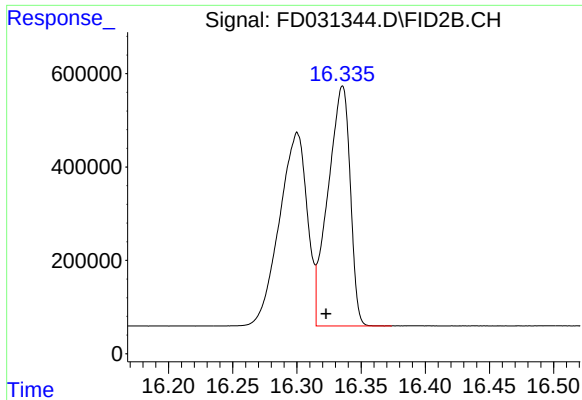
#15 Chrysene (C27.41)

R.T.: 14.796 min
Delta R.T.: 0.010 min
Response: 6310460
Conc: 48.87 ug/ml



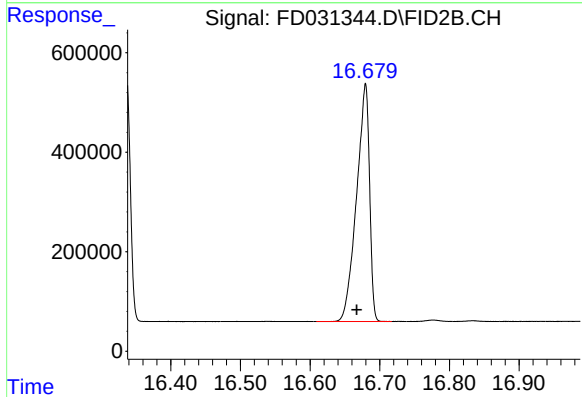
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.300 min
Delta R.T.: 0.010 min
Response: 6261259
Conc: 48.76 ug/ml



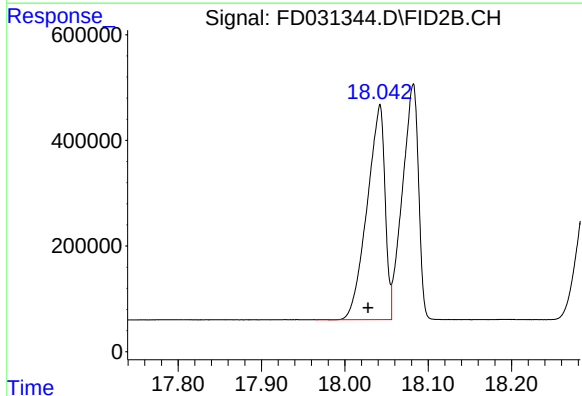
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.335 min
Delta R.T.: 0.013 min
Response: 6179204
Conc: 48.29 ug/ml



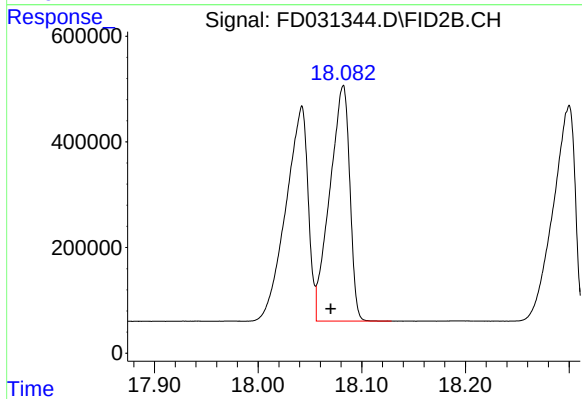
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.680 min
Delta R.T.: 0.012 min
Response: 6173716
Conc: 48.59 ug/ml



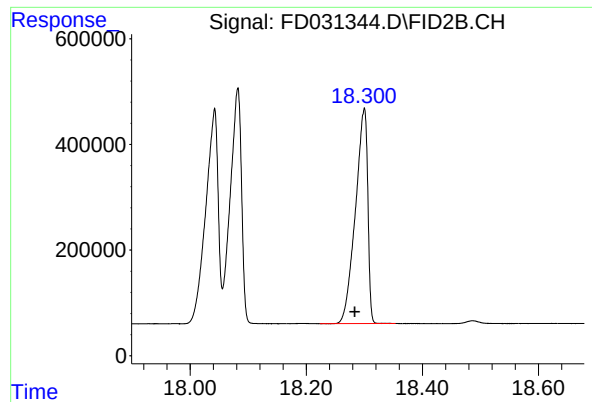
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.042 min
Delta R.T.: 0.014 min
Response: 6075916
Conc: 49.21 ug/ml



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

R.T.: 18.082 min
Delta R.T.: 0.012 min
Response: 5972875
Conc: 47.43 ug/ml



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

R.T.: 18.300 min
Delta R.T.: 0.016 min
Response: 6011042
Conc: 48.69 ug/ml