

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010620AR\
 Data File : FD031953.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jan 2020 23:47
 Operator : DD\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 07 03:33:38 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 03:32:41 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...	7.642	11738290	99.573 ug/ml
Spiked Amount 50.000		Recovery =	199.15%
6) S 2-Fluorobiphenyl (SURR)	8.505	8167157	99.609 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	199.22%#
11) S ortho-Terphenyl (SURR)	11.542	12670486	97.284 ug/ml
Spiked Amount 50.000		Recovery =	194.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.443	11835648	100.048 ug/ml
2) T Naphthalene (C11.7)	5.982	12770221	100.050 ug/ml
3) T 2-Methylnaphthalene (...)	7.034	12783104	99.571 ug/ml
5) T Acenaphthylene (C15.06)	8.309	12424168	98.845 ug/ml
7) T Acenaphthene (C15.5)	8.606	12935467	99.275 ug/ml
8) T Fluorene (C16.55)	9.385	12886459	98.506 ug/ml
9) T Phenanthrene (C19.36)	10.780	12928420	97.424 ug/ml
10) T Anthracene (C19.43)	10.857	12708659	97.172 ug/ml
12) T Fluoranthene (C21.85)	12.591	12981898	96.836 ug/ml
13) T Pyrene (C20.8)	12.889	12895002	96.839 ug/ml
14) T Benzo[a]anthracene (C...	14.756	12393910	96.335 ug/ml
15) T Chrysene (C27.41)	14.805	12368044	95.878 ug/ml
16) T benzo[b]fluoranthene ...	16.307	12274368	96.506 ug/ml
17) T Bnezo[k]fluoranthene ...	16.348	12042654	95.194 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.690	12029676	95.855 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.053	12098663	100.343 ug/ml
20) T Dibenz[a,h]anthracene...	18.094	11199292	91.310 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.315	11550422	96.523 ug/ml

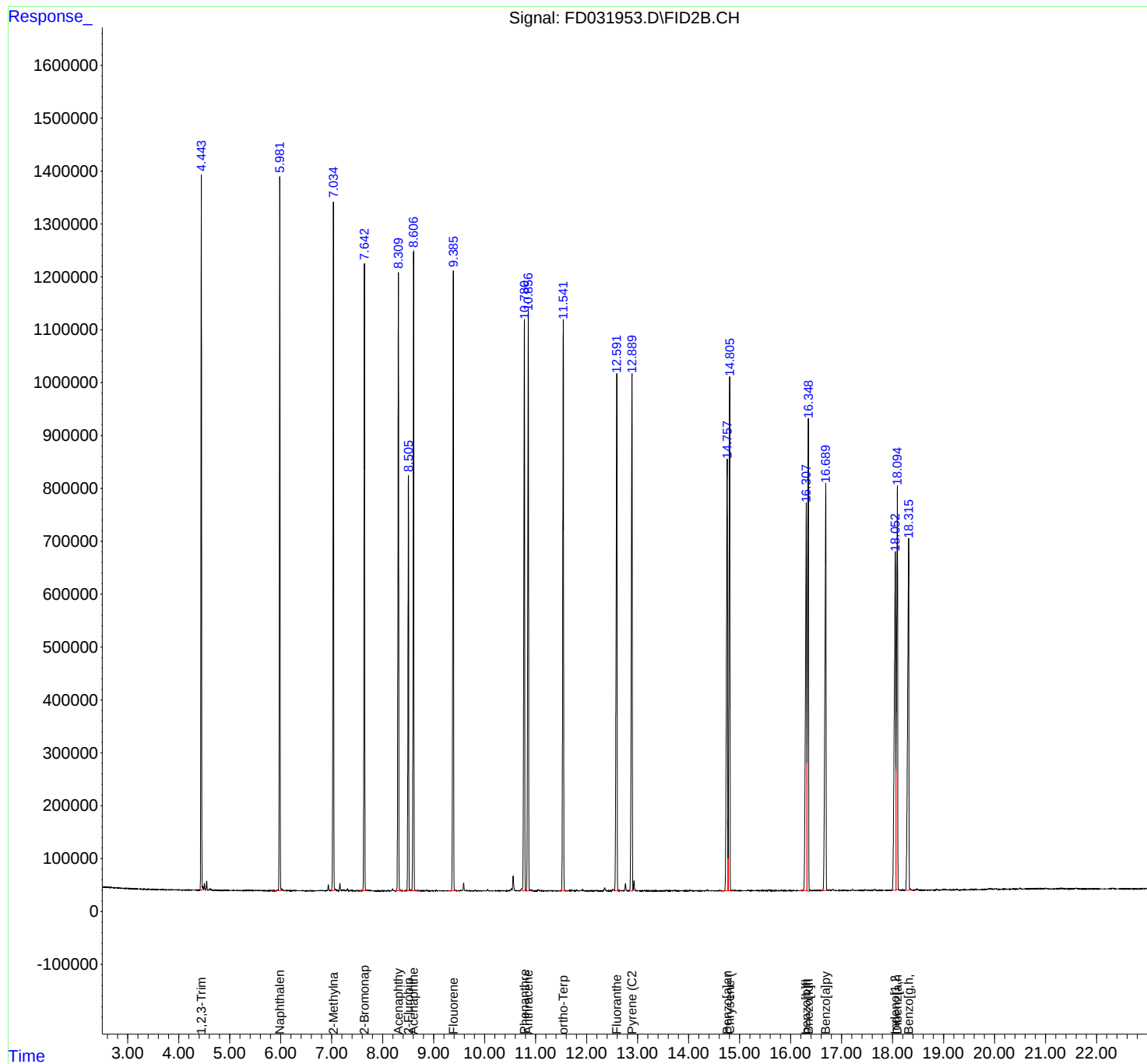
(f)=RT Delta > 1/2 Window

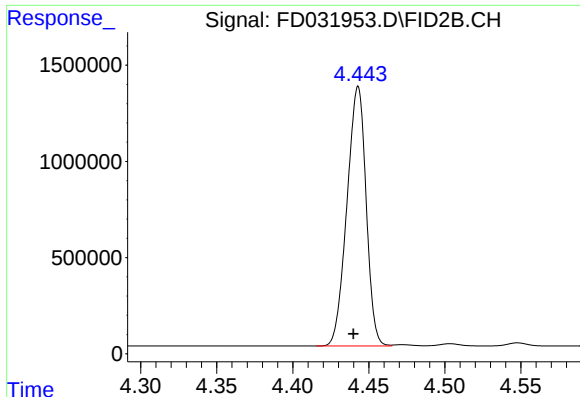
(m)=manual int.

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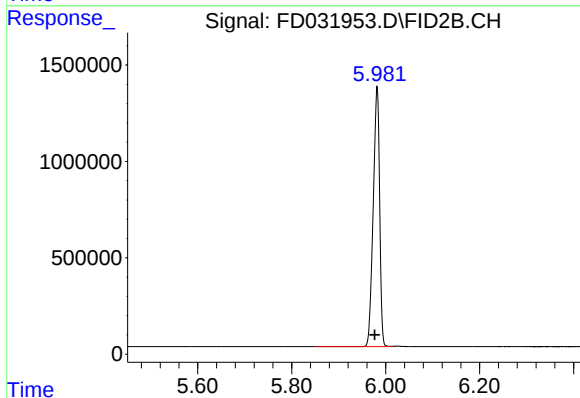
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





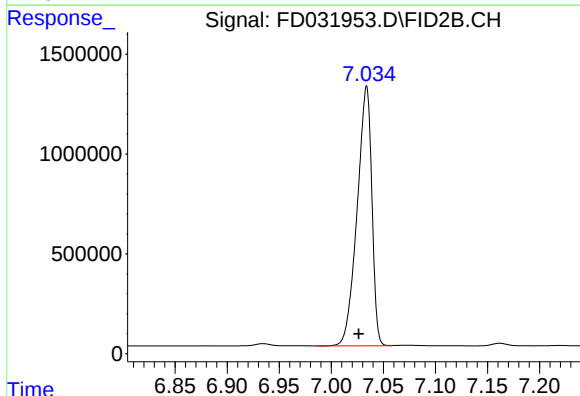
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.443 min
Delta R.T.: 0.003 min
Response: 11835648
Conc: 100.05 ug/ml



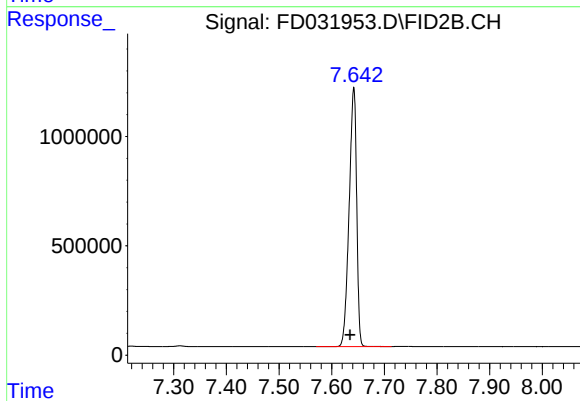
#2 Naphthalene (C11.7)

R.T.: 5.982 min
Delta R.T.: 0.005 min
Response: 12770221
Conc: 100.05 ug/ml



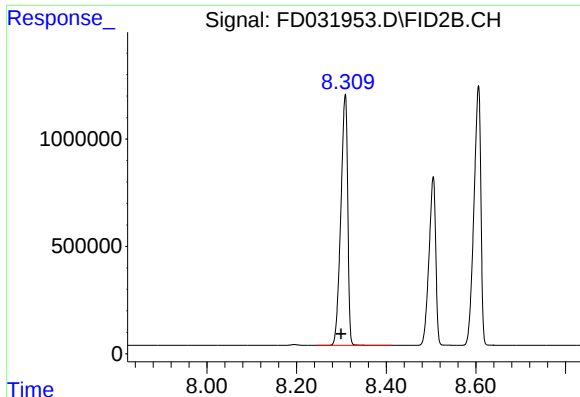
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.034 min
Delta R.T.: 0.007 min
Response: 12783104
Conc: 99.57 ug/ml



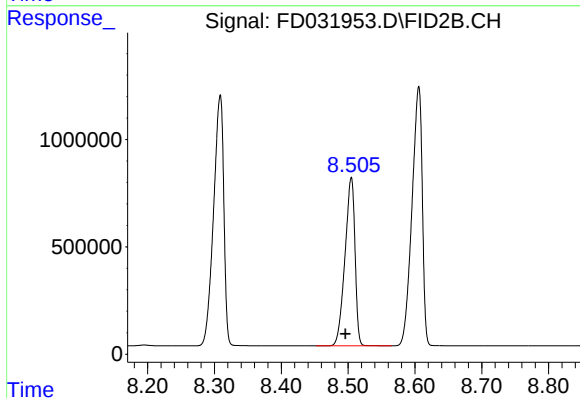
#4 2-Bromonaphthalene (SURR)

R.T.: 7.642 min
Delta R.T.: 0.007 min
Response: 11738290
Conc: 99.57 ug/ml



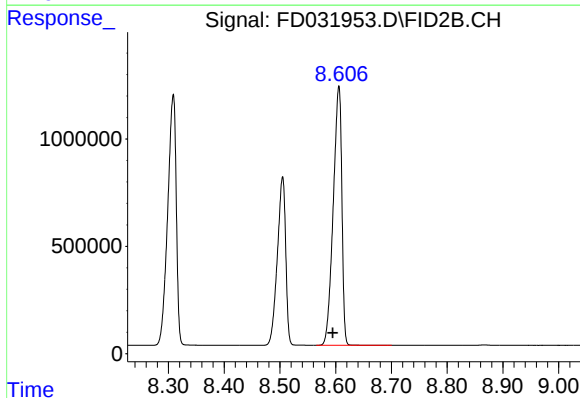
#5 Acenaphthylene (C15.06)

R.T.: 8.309 min
Delta R.T.: 0.009 min
Response: 12424168
Conc: 98.85 ug/ml



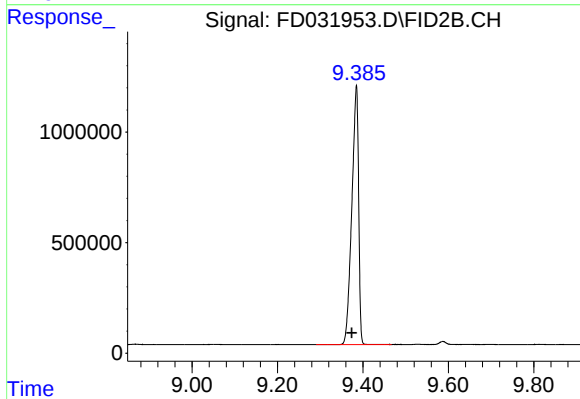
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.505 min
Delta R.T.: 0.009 min
Response: 8167157
Conc: 99.61 ug/ml



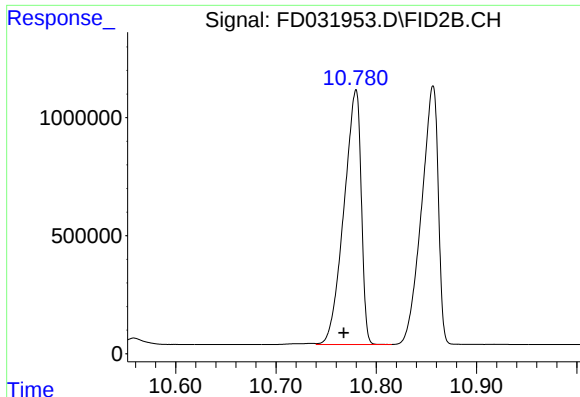
#7 Acenaphthene (C15.5)

R.T.: 8.606 min
Delta R.T.: 0.011 min
Response: 12935467
Conc: 99.28 ug/ml



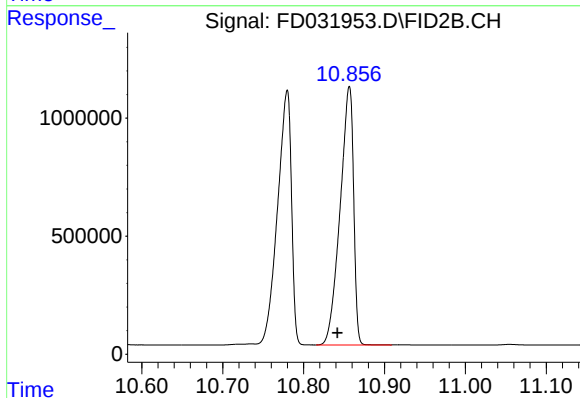
#8 Flouorene (C16.55)

R.T.: 9.385 min
Delta R.T.: 0.011 min
Response: 12886459
Conc: 98.51 ug/ml



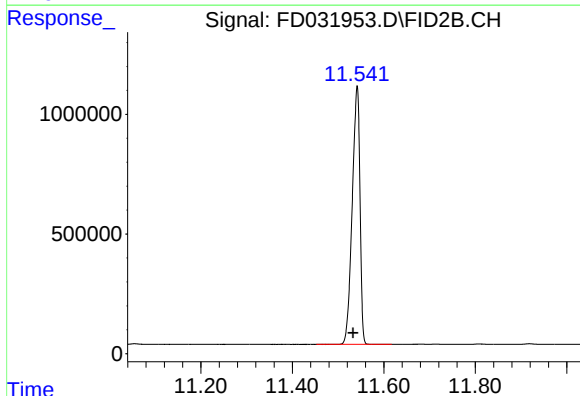
#9 Phenanthrene (C19.36)

R.T.: 10.780 min
Delta R.T.: 0.012 min
Response: 12928420
Conc: 97.42 ug/ml



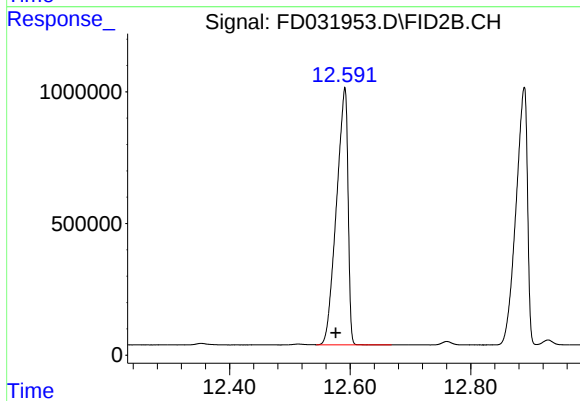
#10 Anthracene (C19.43)

R.T.: 10.857 min
Delta R.T.: 0.015 min
Response: 12708659
Conc: 97.17 ug/ml



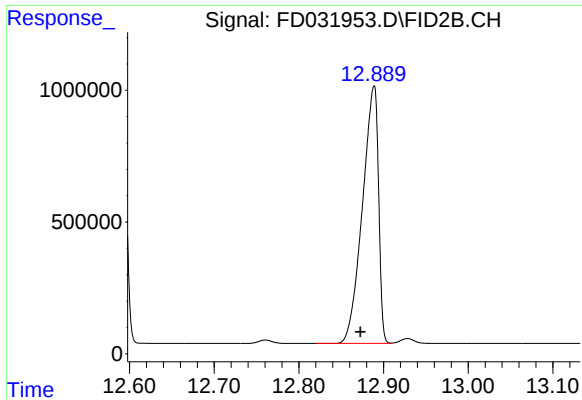
#11 ortho-Terphenyl (SURR)

R.T.: 11.542 min
Delta R.T.: 0.009 min
Response: 12670486
Conc: 97.28 ug/ml



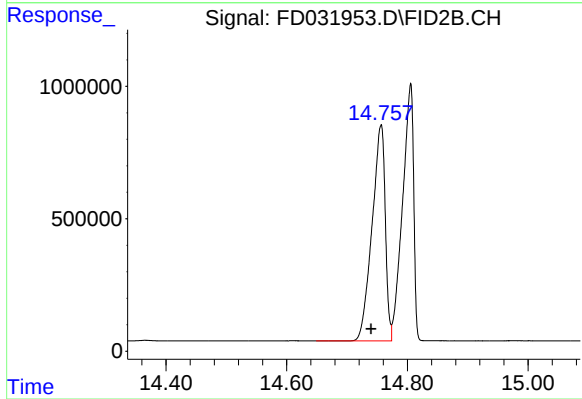
#12 Fluoranthene (C21.85)

R.T.: 12.591 min
Delta R.T.: 0.015 min
Response: 12981898
Conc: 96.84 ug/ml



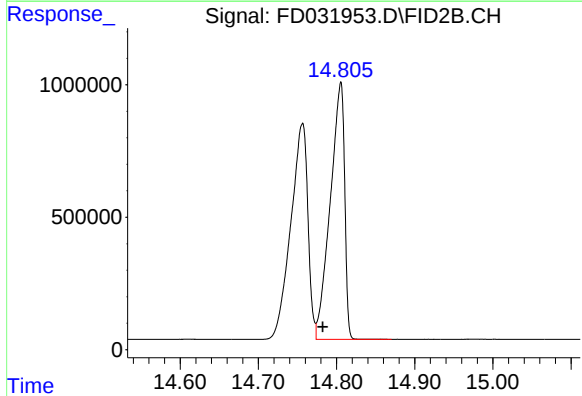
#13 Pyrene (C20.8)

R.T.: 12.889 min
Delta R.T.: 0.016 min
Response: 12895002
Conc: 96.84 ug/ml



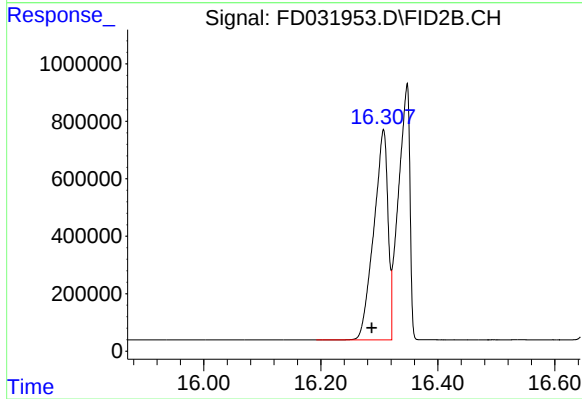
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.756 min
Delta R.T.: 0.016 min
Response: 12393910
Conc: 96.34 ug/ml



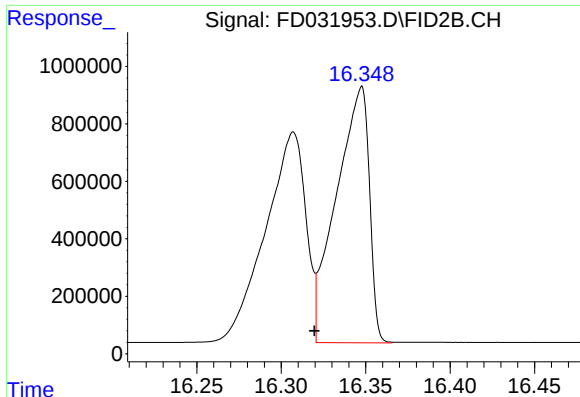
#15 Chrysene (C27.41)

R.T.: 14.805 min
Delta R.T.: 0.023 min
Response: 12368044
Conc: 95.88 ug/ml



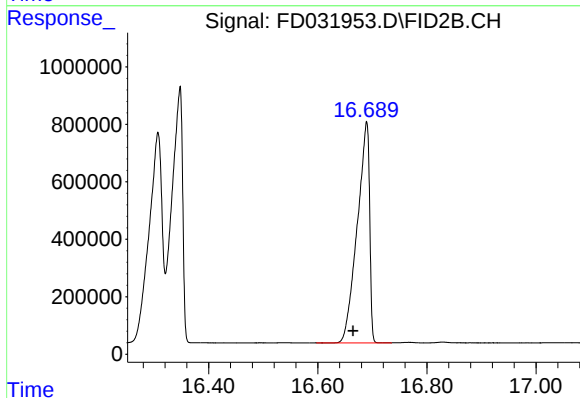
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.307 min
Delta R.T.: 0.020 min
Response: 12274368
Conc: 96.51 ug/ml



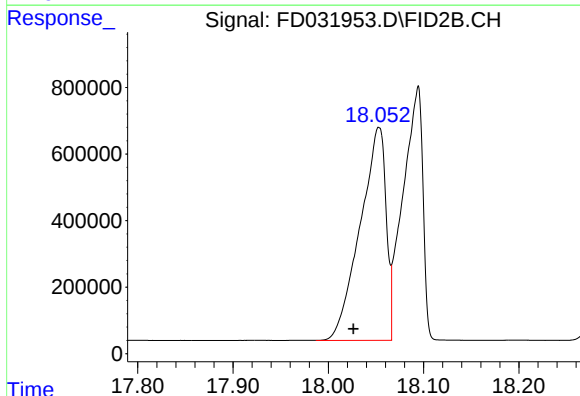
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.348 min
Delta R.T.: 0.028 min
Response: 12042654
Conc: 95.19 ug/ml m



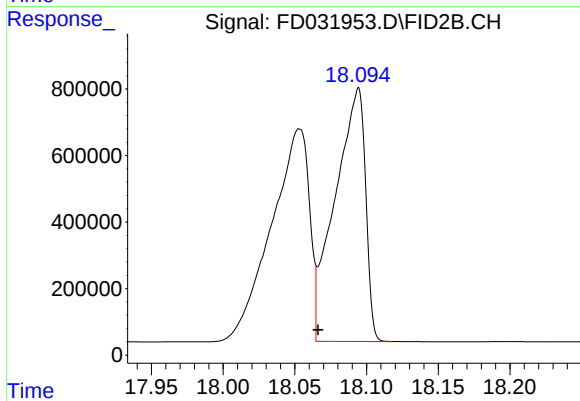
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.690 min
Delta R.T.: 0.025 min
Response: 12029676
Conc: 95.85 ug/ml



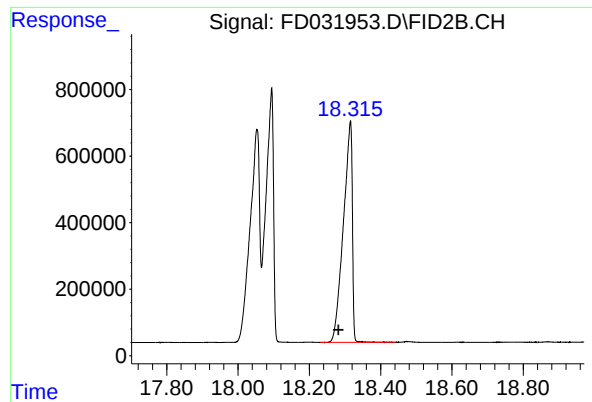
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.053 min
Delta R.T.: 0.027 min
Response: 12098663
Conc: 100.34 ug/ml



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

R.T.: 18.094 min
Delta R.T.: 0.028 min
Response: 11199292
Conc: 91.31 ug/ml m



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

R.T.: 18.315 min
Delta R.T.: 0.033 min
Response: 11550422
Conc: 96.52 ug/ml