

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051120AR\
 Data File : FD033440.D
 Signal(s) : FID2B.CH
 Acq On : 11 May 2020 16:18
 Operator : DD\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 12 03:32:54 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051120.M
 Quant Title : GC Extractables
 QLast Update : Tue May 12 03:31:25 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...	7.593	11965093	104.870 ug/ml
Spiked Amount 50.000		Recovery =	209.74%
6) S 2-Fluorobiphenyl (SURR)	8.457	8271479	107.243 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	214.49%#
11) S ortho-Terphenyl (SURR)	11.491	13096045	98.258 ug/ml
Spiked Amount 50.000		Recovery =	196.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.397	11982112	103.262 ug/ml
2) T Naphthalene (C11.7)	5.935	12932286	106.544 ug/ml
3) T 2-Methylnaphthalene (...)	6.986	13068730	106.251 ug/ml
5) T Acenaphthylene (C15.06)	8.260	12712665	102.159 ug/ml
7) T Acenaphthene (C15.5)	8.557	13290697	102.034 ug/ml
8) T Fluorene (C16.55)	9.337	13181019	103.059 ug/ml
9) T Phenanthrene (C19.36)	10.733	13275043	101.011 ug/ml
10) T Anthracene (C19.43)	10.810	12852510	100.752 ug/ml
12) T Fluoranthene (C21.85)	12.547	13361538	99.093 ug/ml
13) T Pyrene (C20.8)	12.844	13291419	99.460 ug/ml
14) T Benzo[a]anthracene (C...	14.717	12727599	99.345 ug/ml
15) T Chrysene (C27.41)	14.765	12857214	96.566 ug/ml
16) T benzo[b]fluoranthene ...	16.273	12755132	98.481 ug/ml
17) T Bnezo[k]fluoranthene ...	16.313	12952710	97.723 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.658	12550593	97.429 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.031	12952785	105.639 ug/ml
20) T Dibenz[a,h]anthracene...	18.066	11419635	87.863 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.291	12217235	97.500 ug/ml

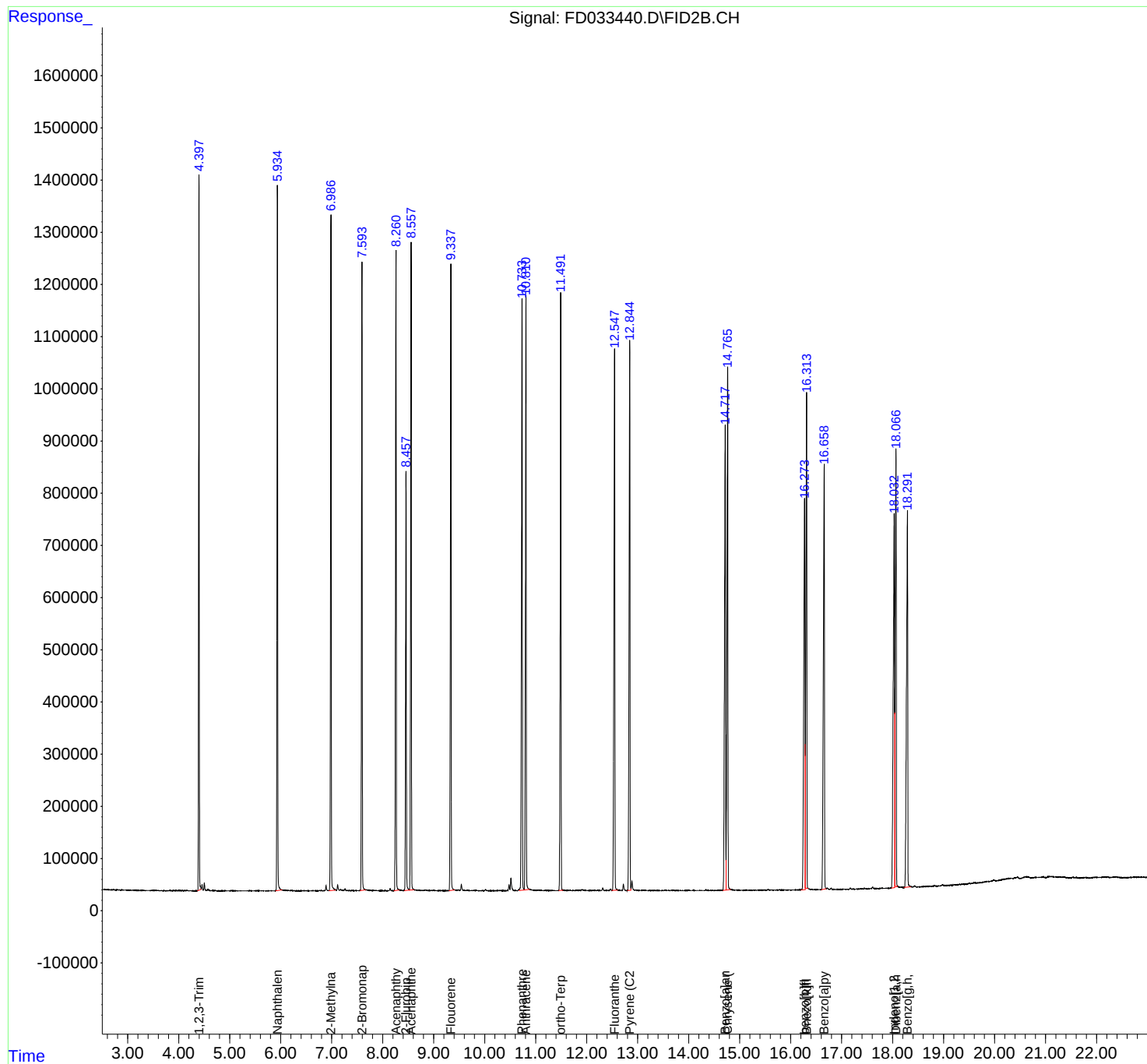
(f)=RT Delta > 1/2 Window

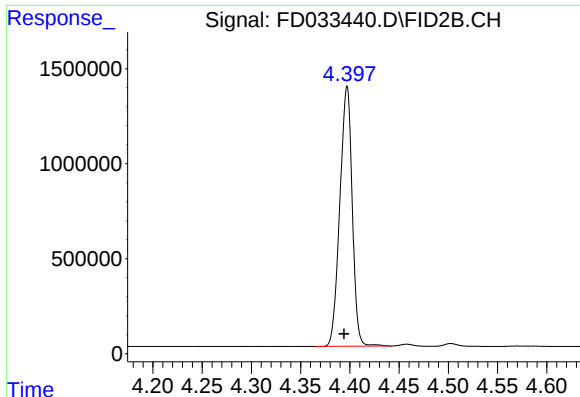
(m)=manual int.

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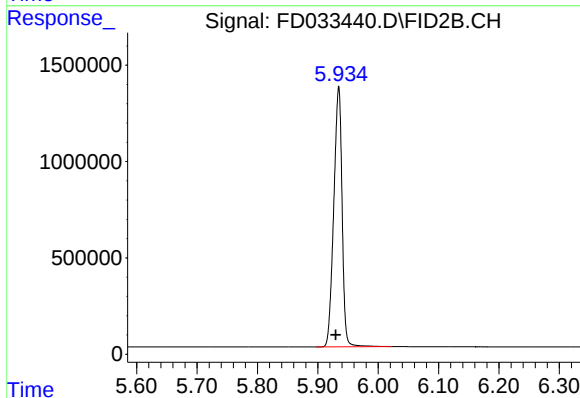
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





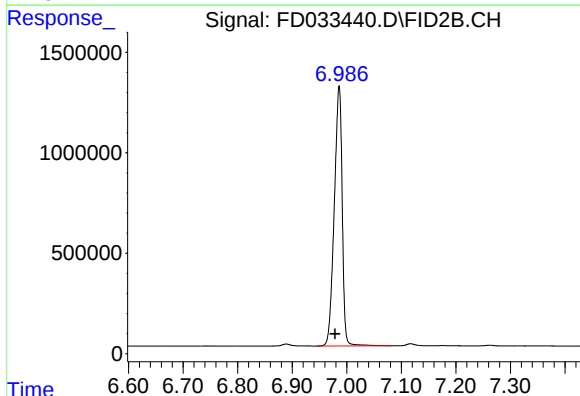
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.397 min
Delta R.T.: 0.003 min
Response: 11982112
Conc: 103.26 ug/ml



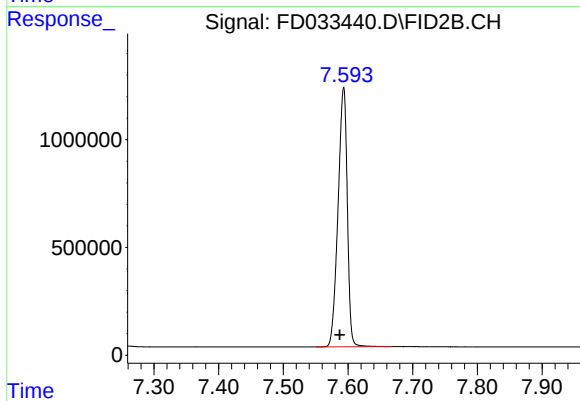
#2 Naphthalene (C11.7)

R.T.: 5.935 min
Delta R.T.: 0.005 min
Response: 12932286
Conc: 106.54 ug/ml



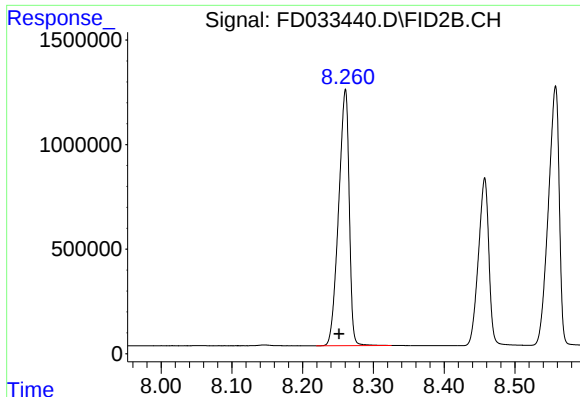
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.986 min
Delta R.T.: 0.007 min
Response: 13068730
Conc: 106.25 ug/ml



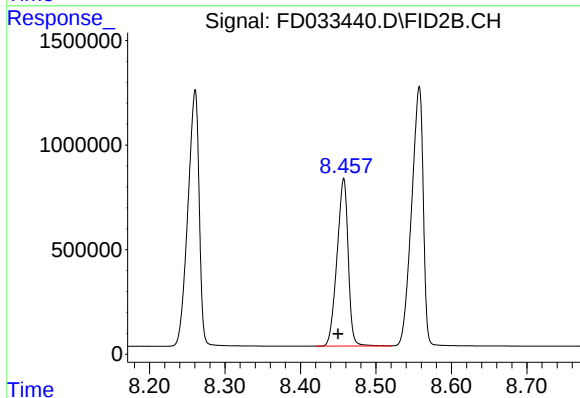
#4 2-Bromonaphthalene (SURR)

R.T.: 7.593 min
Delta R.T.: 0.006 min
Response: 11965093
Conc: 104.87 ug/ml



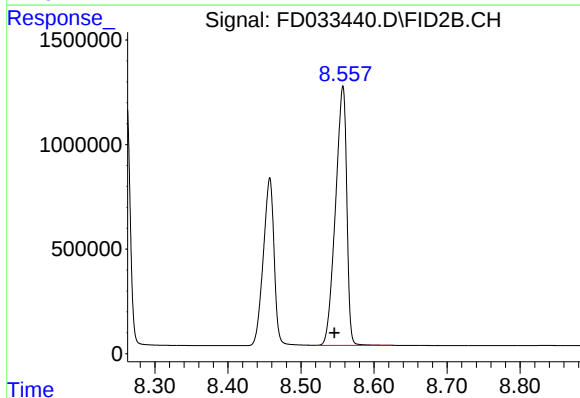
#5 Acenaphthylene (C15.06)

R.T.: 8.260 min
Delta R.T.: 0.009 min
Response: 12712665
Conc: 102.16 ug/ml



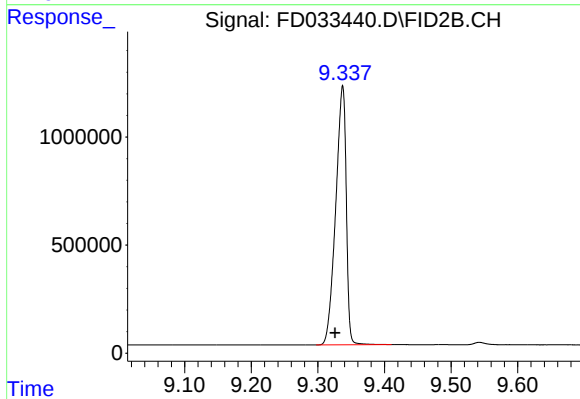
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.457 min
Delta R.T.: 0.007 min
Response: 8271479
Conc: 107.24 ug/ml



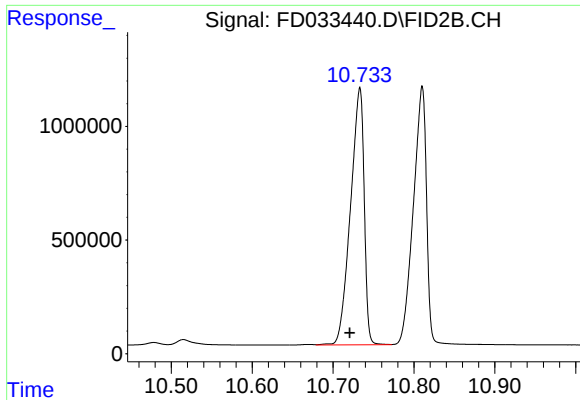
#7 Acenaphthene (C15.5)

R.T.: 8.557 min
Delta R.T.: 0.012 min
Response: 13290697
Conc: 102.03 ug/ml



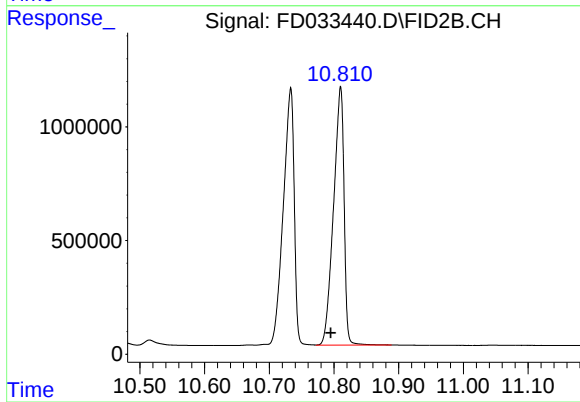
#8 Fluorene (C16.55)

R.T.: 9.337 min
Delta R.T.: 0.011 min
Response: 13181019
Conc: 103.06 ug/ml



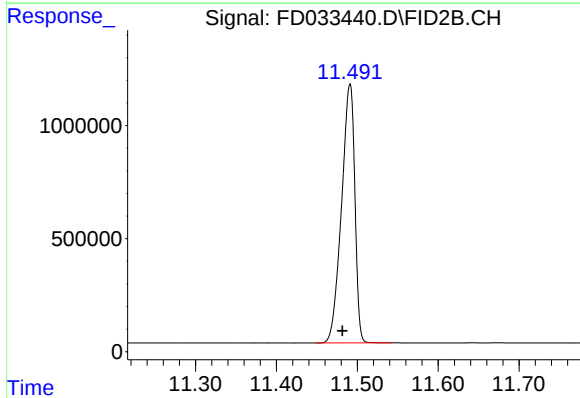
#9 Phenanthrene (C19.36)

R.T.: 10.733 min
Delta R.T.: 0.012 min
Response: 13275043
Conc: 101.01 ug/ml



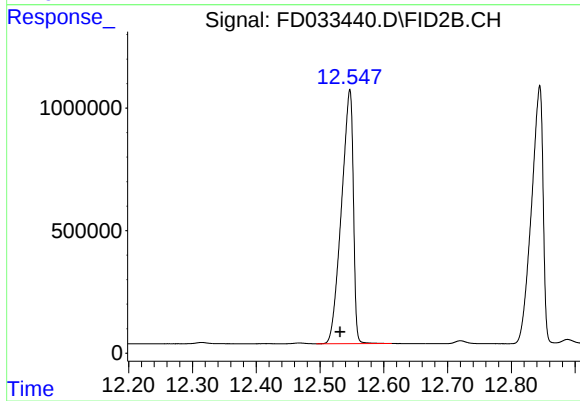
#10 Anthracene (C19.43)

R.T.: 10.810 min
Delta R.T.: 0.015 min
Response: 12852510
Conc: 100.75 ug/ml



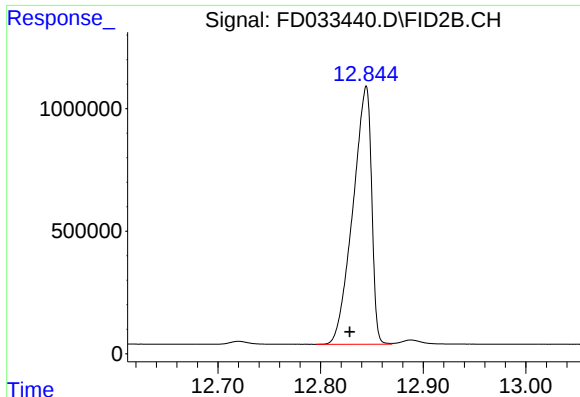
#11 ortho-Terphenyl (SURR)

R.T.: 11.491 min
Delta R.T.: 0.009 min
Response: 13096045
Conc: 98.26 ug/ml



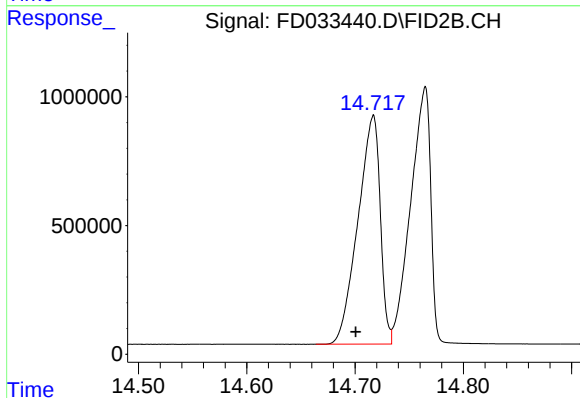
#12 Fluoranthene (C21.85)

R.T.: 12.547 min
Delta R.T.: 0.015 min
Response: 13361538
Conc: 99.09 ug/ml



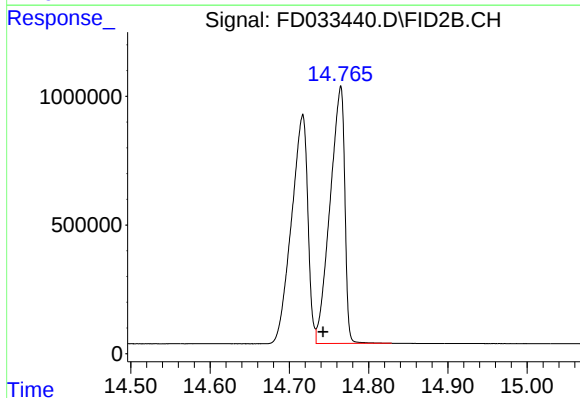
#13 Pyrene (C20.8)

R.T.: 12.844 min
Delta R.T.: 0.016 min
Response: 13291419
Conc: 99.46 ug/ml



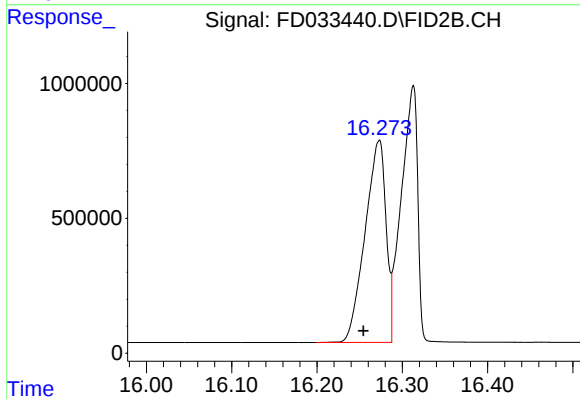
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.717 min
Delta R.T.: 0.016 min
Response: 12727599
Conc: 99.34 ug/ml



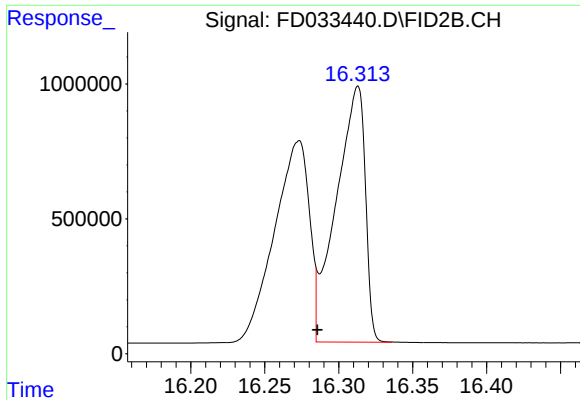
#15 Chrysene (C27.41)

R.T.: 14.765 min
Delta R.T.: 0.022 min
Response: 12857214
Conc: 96.57 ug/ml



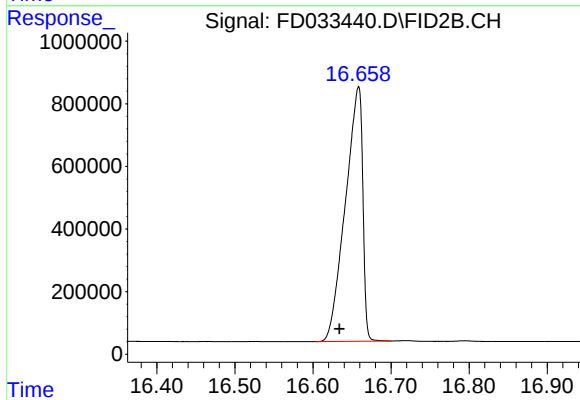
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.273 min
Delta R.T.: 0.019 min
Response: 12755132
Conc: 98.48 ug/ml



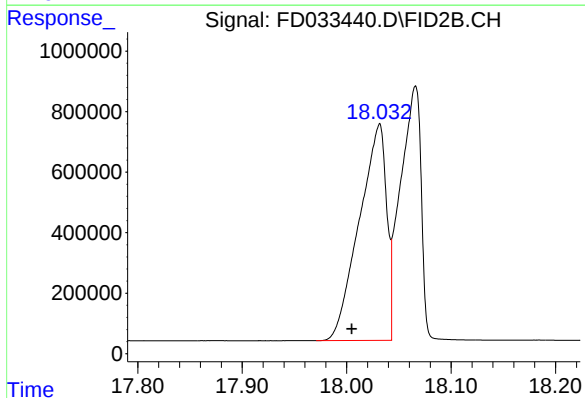
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.313 min
Delta R.T.: 0.027 min
Response: 12952710
Conc: 97.72 ug/ml m



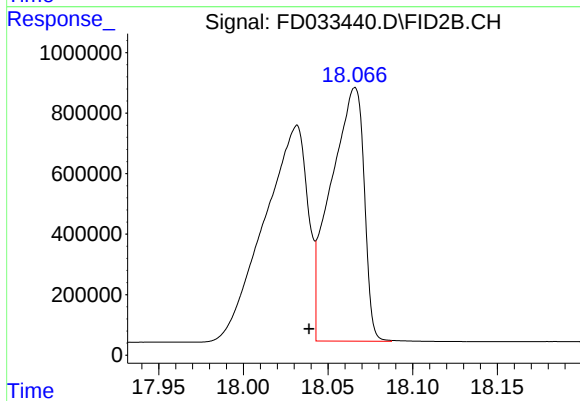
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.658 min
Delta R.T.: 0.024 min
Response: 12550593
Conc: 97.43 ug/ml



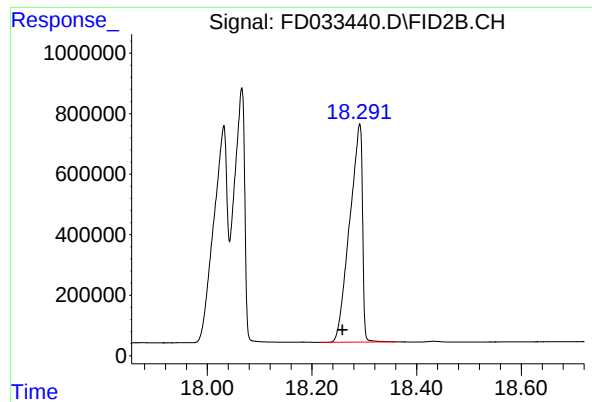
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.031 min
Delta R.T.: 0.027 min
Response: 12952785
Conc: 105.64 ug/ml



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

R.T.: 18.066 min
Delta R.T.: 0.027 min
Response: 11419635
Conc: 87.86 ug/ml m



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

R.T.: 18.291 min
Delta R.T.: 0.033 min
Response: 12217235
Conc: 97.50 ug/ml