

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112423AR\
 Data File : FD046965.D
 Signal(s) : FID2B.ch
 Acq On : 24 Nov 2023 10:18
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 24 12:19:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 12:14:51 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.484	16815591	98.158 ug/ml
Spiked Amount 50.000		Recovery =	196.32%
6) S 2-Fluorobiphenyl (SURR)	8.338	10967875	99.790 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	199.58%#
11) S ortho-Terphenyl (SURR)	11.378	19186963	98.039 ug/ml
Spiked Amount 50.000		Recovery =	196.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.295	17670590	97.077 ug/ml
2) T Naphthalene (C11.7)	5.823	18408780	97.785 ug/ml
3) T 2-Methylnaphthalene (...)	6.873	18472895	97.849 ug/ml
5) T Acenaphthylene (C15.06)	8.142	16893040	98.310 ug/ml
7) T Acenaphthene (C15.5)	8.440	17937126	98.075 ug/ml
8) T Fluorene (C16.55)	9.218	17242172	99.392 ug/ml
9) T Phenanthrene (C19.36)	10.607	16429647	99.804 ug/ml
10) T Anthracene (C19.43)	10.683	15407696	99.695 ug/ml
12) T Fluoranthene (C21.85)	12.412	15832708	99.982 ug/ml
13) T Pyrene (C20.8)	12.706	15283132	99.461 ug/ml
14) T Benzo[a]anthracene (C...	14.568	13044573	100.185 ug/ml
15) T Chrysene (C27.41)	14.615	13685146	98.037 ug/ml
16) T benzo[b]fluoranthene ...	16.113	13182024	99.280 ug/ml
17) T Bnezo[k]fluoranthene ...	16.151	12803946	97.460 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.491	12660171	97.927 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.851	12403041	101.055 ug/ml
20) T Dibenz[a,h]anthracene...	17.890	11275025	91.776 ug/ml
21) T Benzo[g,h,i]perylene ...	18.108	12467797	96.621 ug/ml

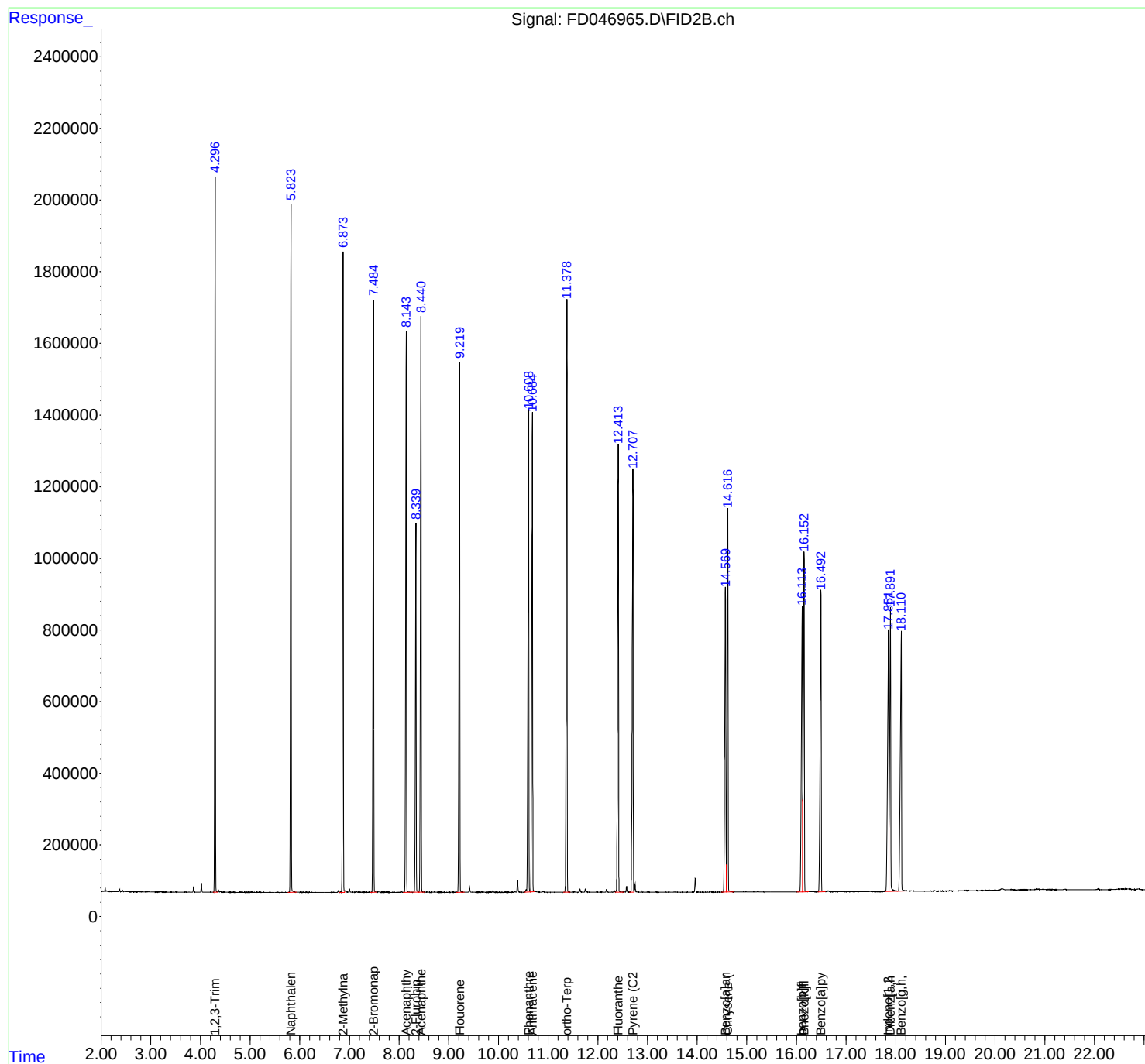
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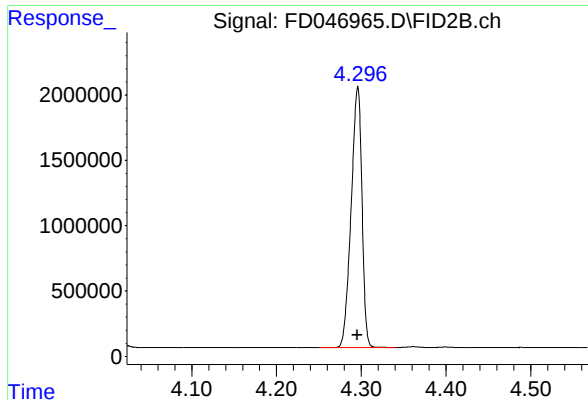
(m)=manual int.

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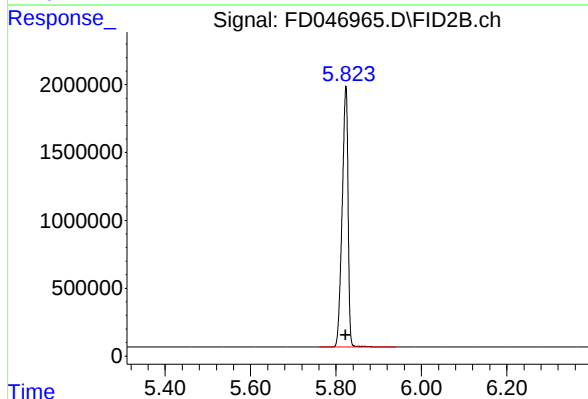
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





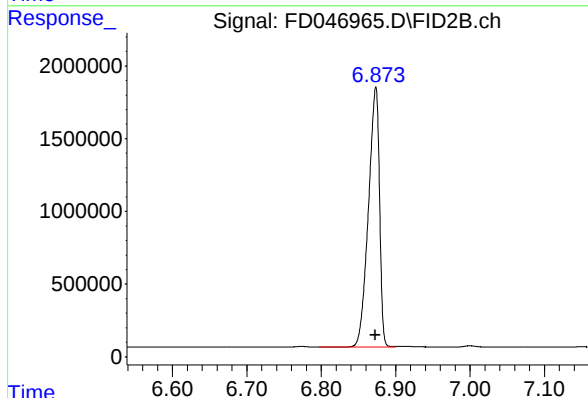
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.295 min
Delta R.T.: 0.000 min
Response: 17670590
Conc: 97.08 ug/ml



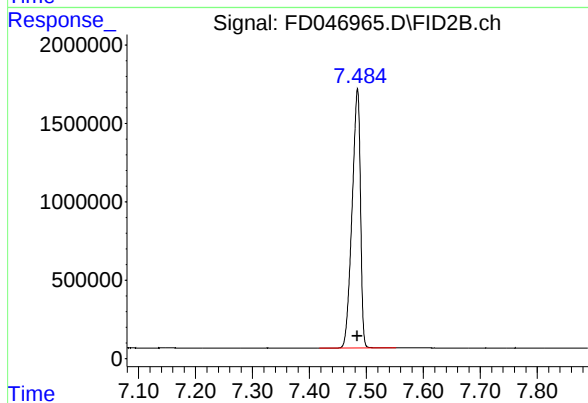
#2 Naphthalene (C11.7)

R.T.: 5.823 min
Delta R.T.: 0.000 min
Response: 18408780
Conc: 97.78 ug/ml



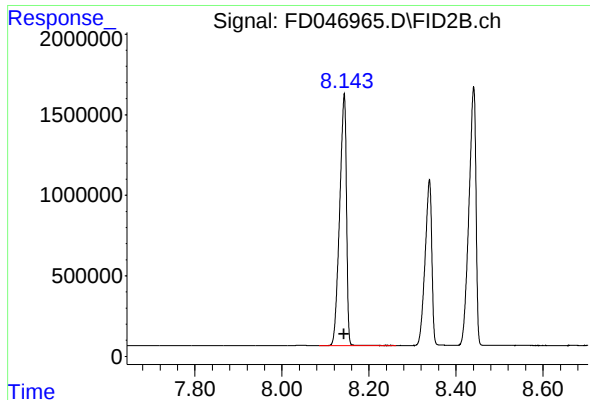
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 18472895
Conc: 97.85 ug/ml



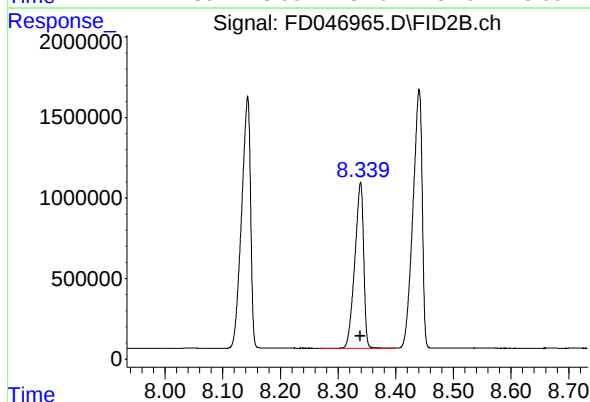
#4 2-Bromonaphthalene (SURR)

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 16815591
Conc: 98.16 ug/ml



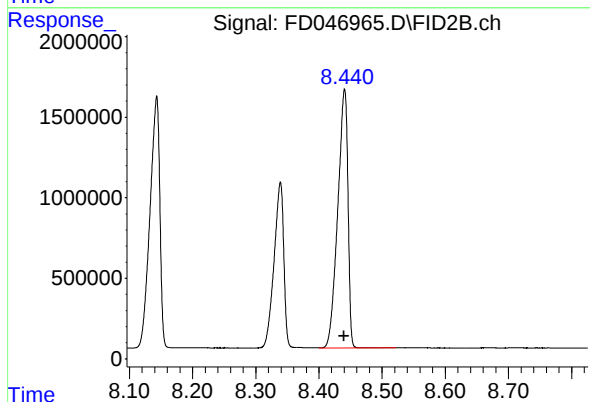
#5 Acenaphthylene (C15.06)

R.T.: 8.142 min
Delta R.T.: 0.000 min
Response: 16893040
Conc: 98.31 ug/ml



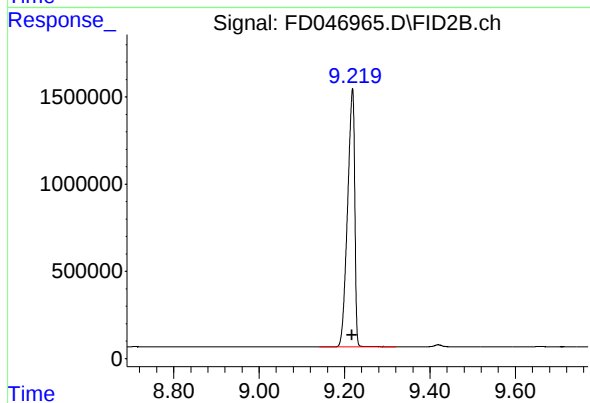
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.338 min
Delta R.T.: 0.000 min
Response: 10967875
Conc: 99.79 ug/ml



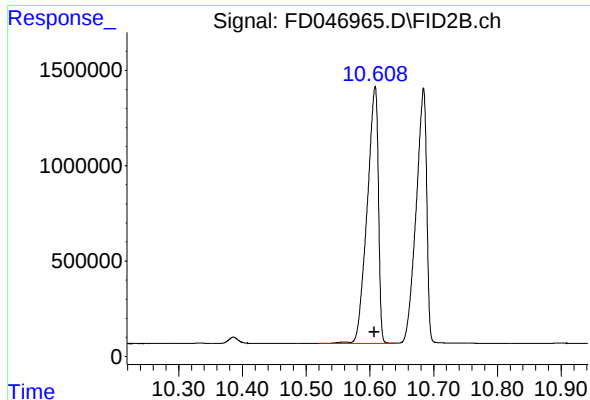
#7 Acenaphthene (C15.5)

R.T.: 8.440 min
Delta R.T.: 0.000 min
Response: 17937126
Conc: 98.08 ug/ml



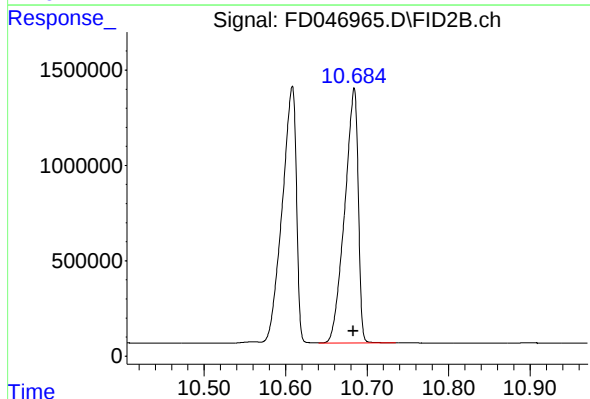
#8 Flouorene (C16.55)

R.T.: 9.218 min
Delta R.T.: 0.000 min
Response: 17242172
Conc: 99.39 ug/ml



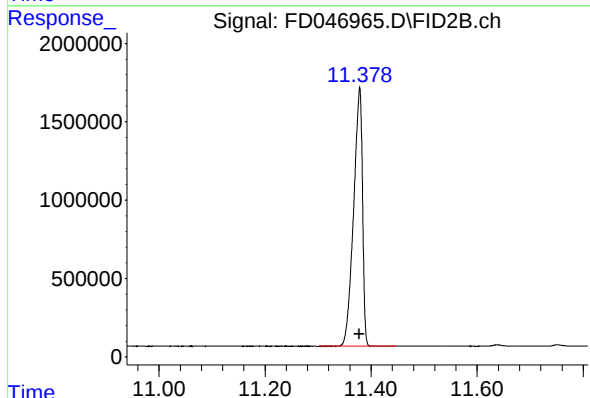
#9 Phenanthrene (C19.36)

R.T.: 10.607 min
Delta R.T.: 0.000 min
Response: 16429647
Conc: 99.80 ug/ml



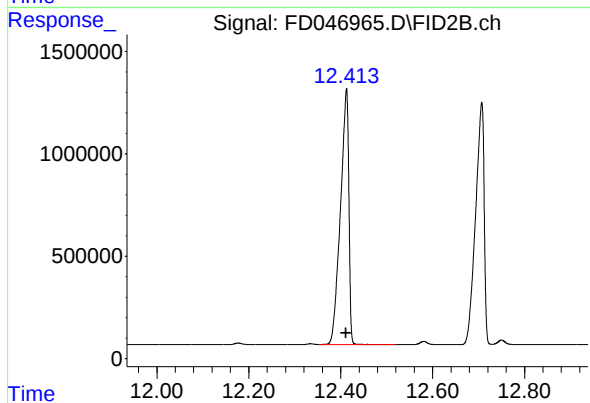
#10 Anthracene (C19.43)

R.T.: 10.683 min
Delta R.T.: 0.000 min
Response: 15407696
Conc: 99.69 ug/ml



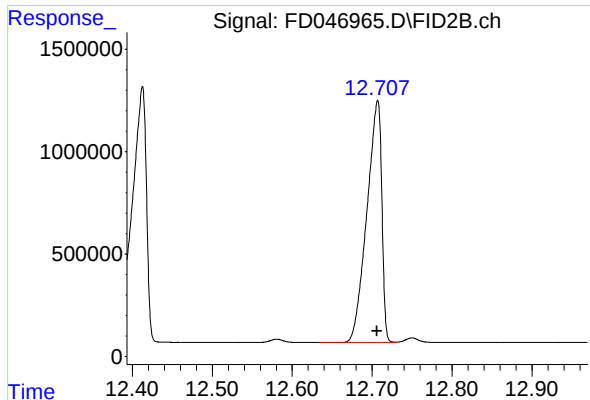
#11 ortho-Terphenyl (SURR)

R.T.: 11.378 min
Delta R.T.: 0.000 min
Response: 19186963
Conc: 98.04 ug/ml



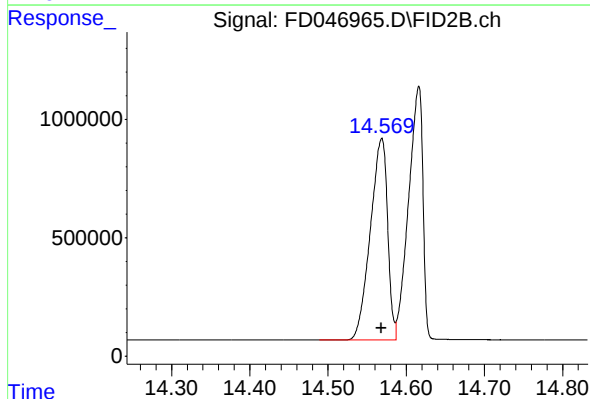
#12 Fluoranthene (C21.85)

R.T.: 12.412 min
Delta R.T.: 0.000 min
Response: 15832708
Conc: 99.98 ug/ml



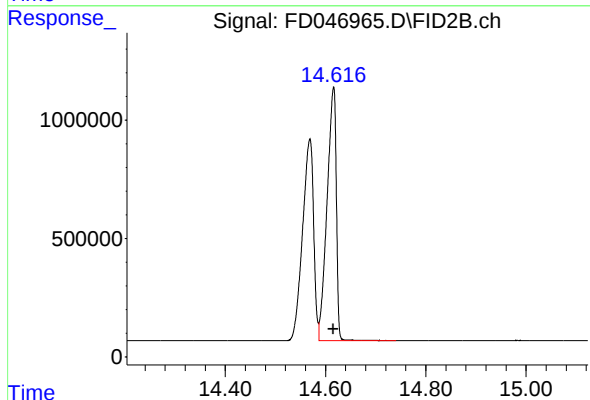
#13 Pyrene (C20.8)

R.T.: 12.706 min
Delta R.T.: 0.000 min
Response: 15283132
Conc: 99.46 ug/ml



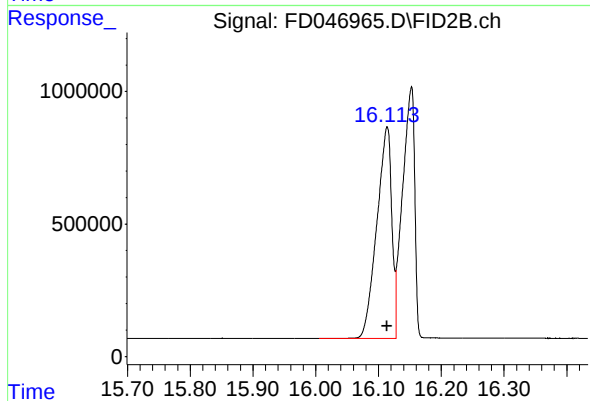
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.568 min
Delta R.T.: 0.000 min
Response: 13044573
Conc: 100.19 ug/ml



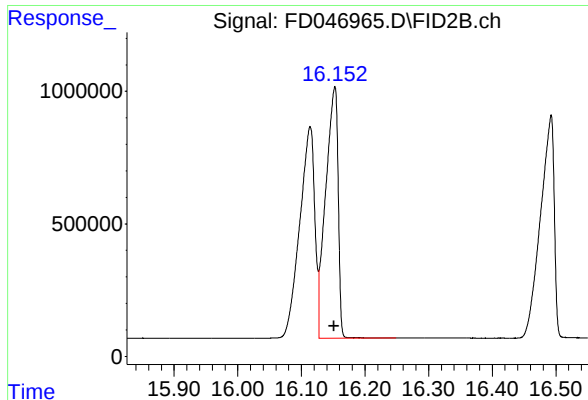
#15 Chrysene (C27.41)

R.T.: 14.615 min
Delta R.T.: 0.000 min
Response: 13685146
Conc: 98.04 ug/ml



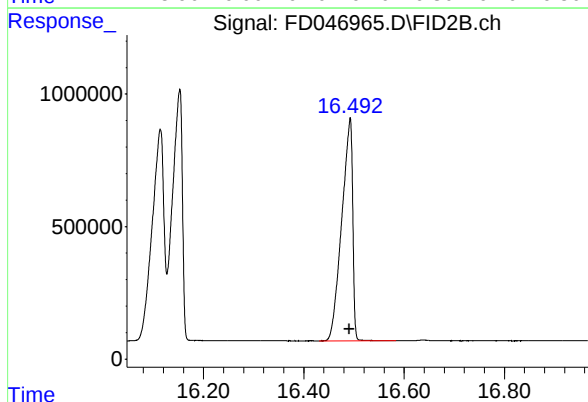
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.113 min
Delta R.T.: 0.000 min
Response: 13182024
Conc: 99.28 ug/ml



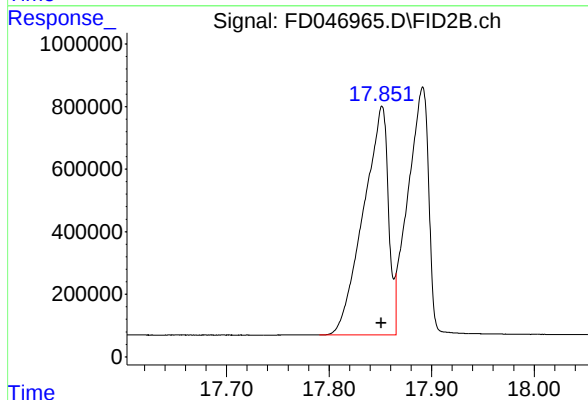
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.151 min
Delta R.T.: 0.000 min
Response: 12803946
Conc: 97.46 ug/ml



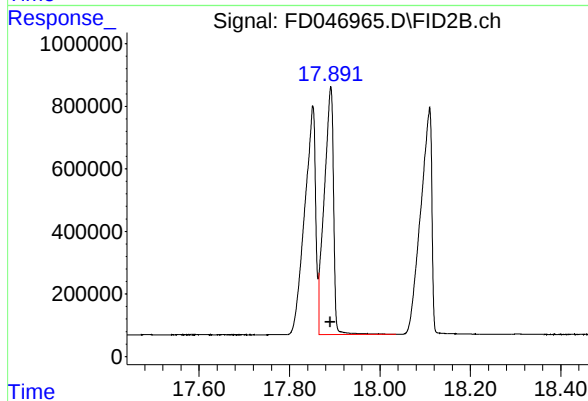
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.491 min
Delta R.T.: 0.000 min
Response: 12660171
Conc: 97.93 ug/ml



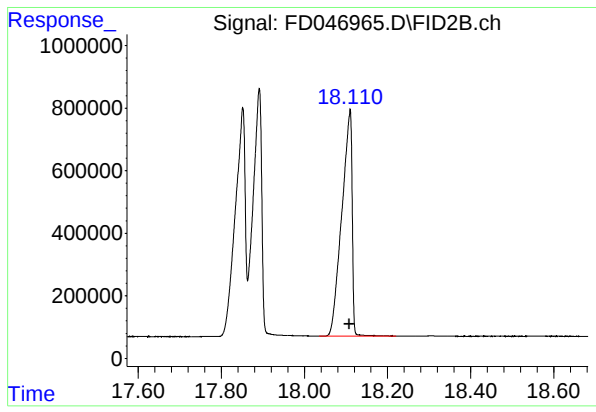
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.851 min
Delta R.T.: 0.000 min
Response: 12403041
Conc: 101.06 ug/ml



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

R.T.: 17.890 min
Delta R.T.: 0.000 min
Response: 11275025
Conc: 91.78 ug/ml



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

R.T.: 18.108 min
Delta R.T.: 0.000 min
Response: 12467797
Conc: 96.62 ug/ml