

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041024AR\
 Data File : FD047518.D
 Signal(s) : FID2B.ch
 Acq On : 10 Apr 2024 16:56
 Operator : YP/AJ
 Sample : PB160150BS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 11 04:03:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 2024
 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...	7.458	8316854	55.631 ug/ml
Spiked Amount 50.000		Recovery =	111.26%
6) S 2-Fluorobiphenyl (SURR)	8.310	5292664	54.168 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.34%
11) S ortho-Terphenyl (SURR)	11.347	7411014	43.232 ug/ml
Spiked Amount 50.000		Recovery =	86.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	5980289	37.846 ug/ml
2) T Naphthalene (C11.7)	5.797	6780956	41.438 ug/ml
3) T 2-Methylnaphthalene (...)	6.845	6878041	41.816 ug/ml
5) T Acenaphthylene (C15.06)	8.113	7098597	47.029 ug/ml
7) T Acenaphthene (C15.5)	8.409	7016509	43.809 ug/ml
8) T Flouorene (C16.55)	9.187	7251338	46.873 ug/ml
9) T Phenanthrene (C19.36)	10.576	7358506	49.459 ug/ml
10) T Anthracene (C19.43)	10.651	7268972	53.446 ug/ml
12) T Fluoranthene (C21.85)	12.380	7395338	50.026 ug/ml
13) T Pyrene (C20.8)	12.674	7437195	51.532 ug/ml
14) T Benzo[a]anthracene (C...	14.538	6934013	52.725 ug/ml
15) T Chrysene (C27.41)	14.582	6917240	49.055 ug/ml
16) T benzo[b]fluoranthene ...	16.082	6886861	49.364 ug/ml
17) T Bnezo[k]fluoranthene ...	16.117	6875462	49.432 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.458	6726113	48.987 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.821	7044237	52.222 ug/ml
20) T Dibenz[a,h]anthracene...	17.860	6570159	48.886 ug/ml
21) T Benzo[g,h,i]perylene ...	18.073	6462921	46.566 ug/ml

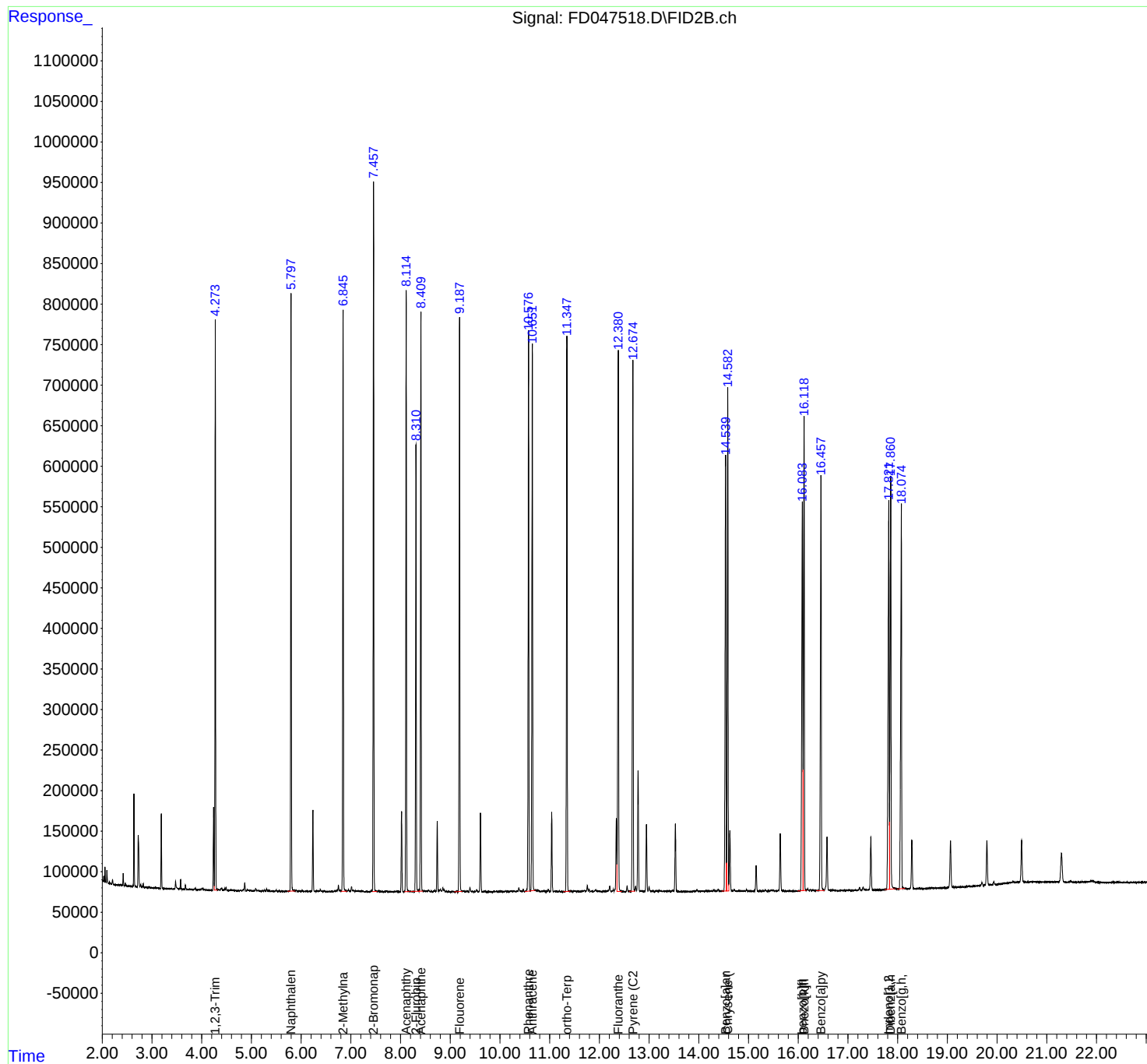
(f)=RT Delta > 1/2 Window

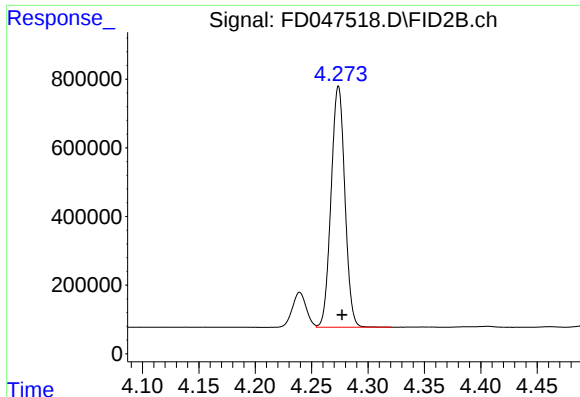
(m)=manual int.

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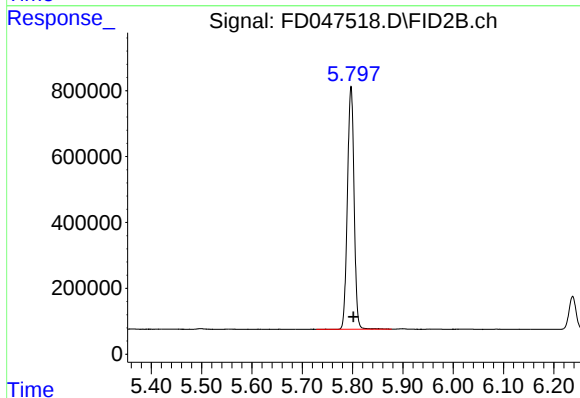
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





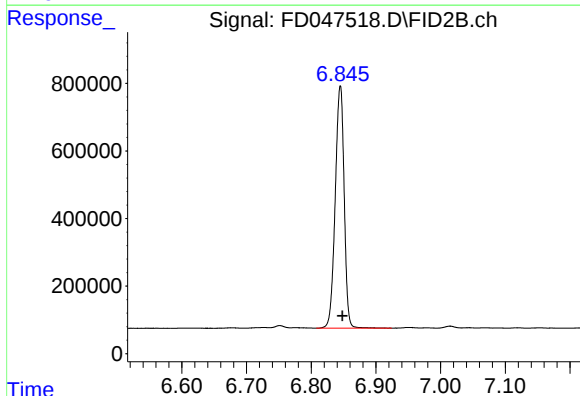
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.274 min
Delta R.T.: -0.003 min
Response: 5980289
Conc: 37.85 ug/ml



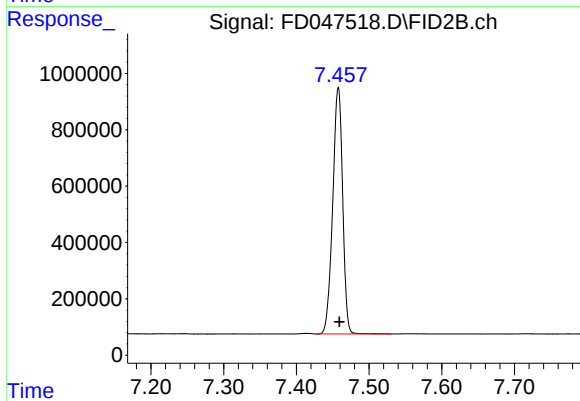
#2 Naphthalene (C11.7)

R.T.: 5.797 min
Delta R.T.: -0.005 min
Response: 6780956
Conc: 41.44 ug/ml



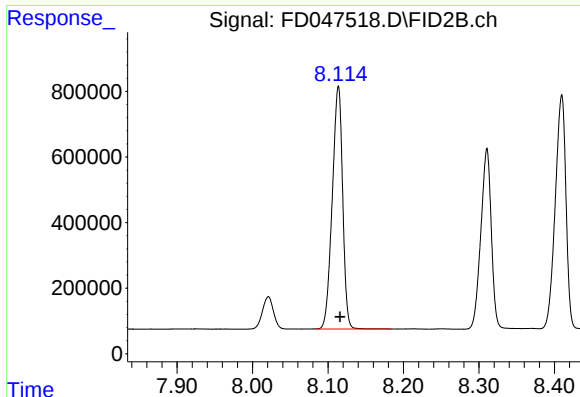
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.845 min
Delta R.T.: -0.003 min
Response: 6878041
Conc: 41.82 ug/ml



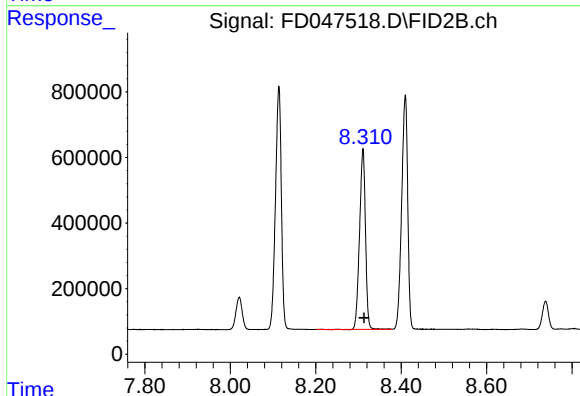
#4 2-Bromonaphthalene (SURR)

R.T.: 7.458 min
Delta R.T.: -0.002 min
Response: 8316854
Conc: 55.63 ug/ml



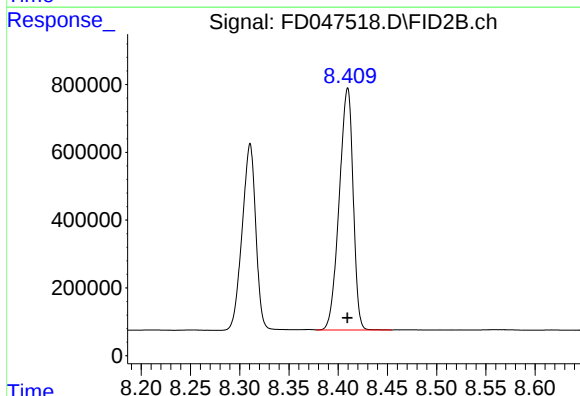
#5 Acenaphthylene (C15.06)

R.T.: 8.113 min
Delta R.T.: -0.002 min
Response: 7098597
Conc: 47.03 ug/ml



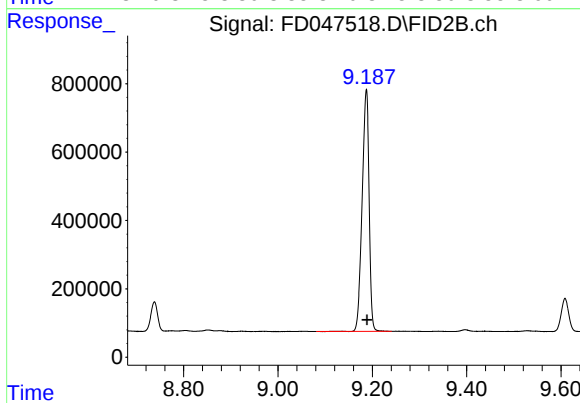
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.310 min
Delta R.T.: -0.003 min
Response: 5292664
Conc: 54.17 ug/ml



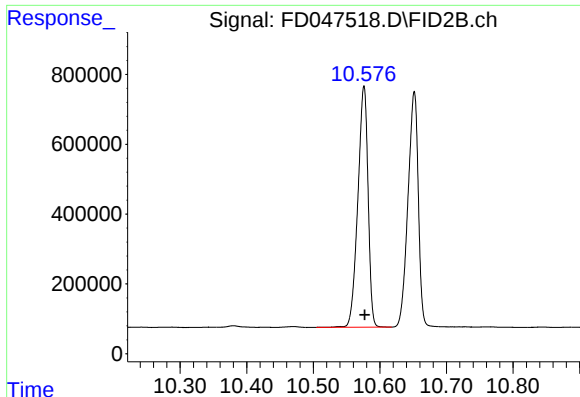
#7 Acenaphthene (C15.5)

R.T.: 8.409 min
Delta R.T.: 0.000 min
Response: 7016509
Conc: 43.81 ug/ml



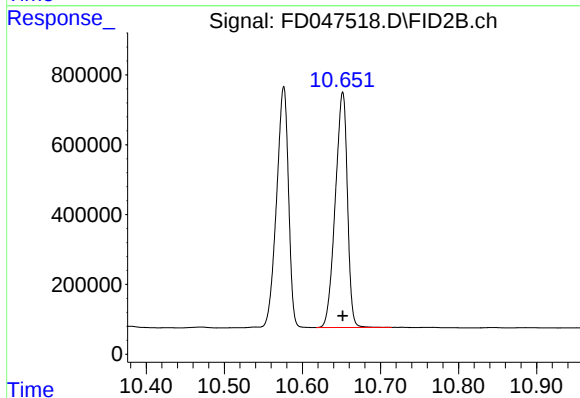
#8 Flouorene (C16.55)

R.T.: 9.187 min
Delta R.T.: -0.002 min
Response: 7251338
Conc: 46.87 ug/ml



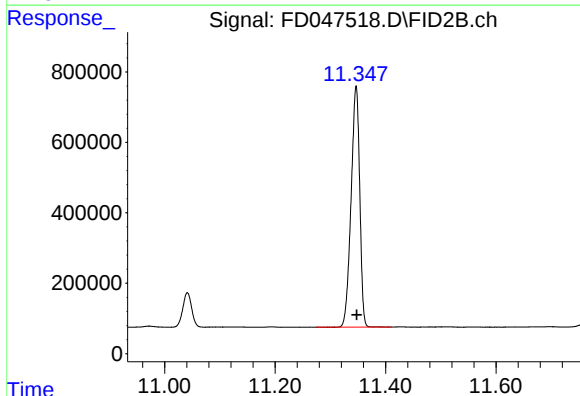
#9 Phenanthrene (C19.36)

R.T.: 10.576 min
Delta R.T.: -0.001 min
Response: 7358506
Conc: 49.46 ug/ml



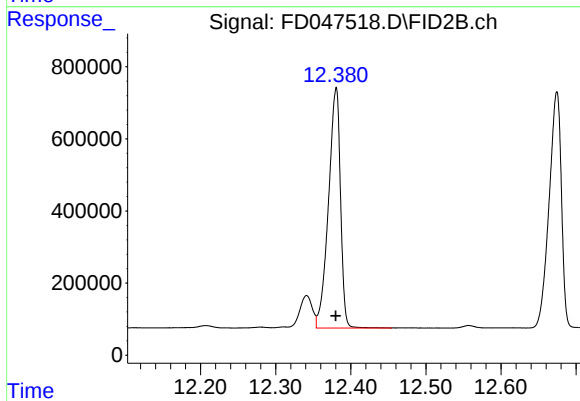
#10 Anthracene (C19.43)

R.T.: 10.651 min
Delta R.T.: 0.000 min
Response: 7268972
Conc: 53.45 ug/ml



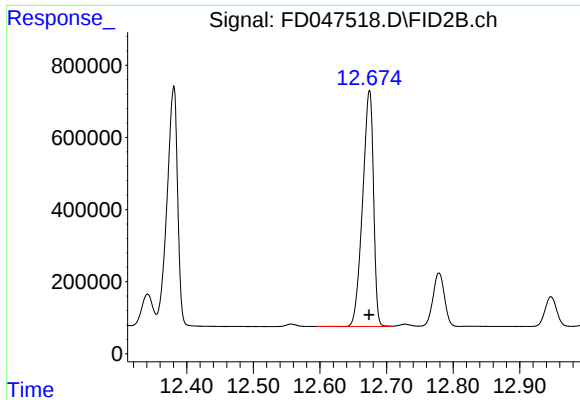
#11 ortho-Terphenyl (SURR)

R.T.: 11.347 min
Delta R.T.: -0.001 min
Response: 7411014
Conc: 43.23 ug/ml



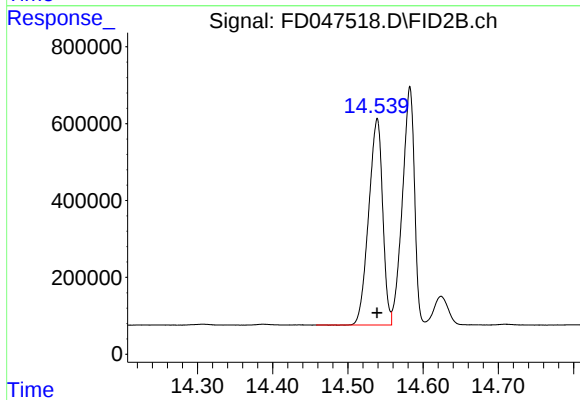
#12 Fluoranthene (C21.85)

R.T.: 12.380 min
Delta R.T.: 0.000 min
Response: 7395338
Conc: 50.03 ug/ml



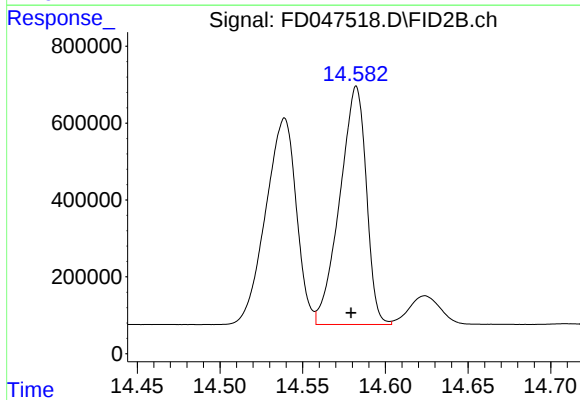
#13 Pyrene (C20.8)

R.T.: 12.674 min
Delta R.T.: 0.000 min
Response: 7437195
Conc: 51.53 ug/ml



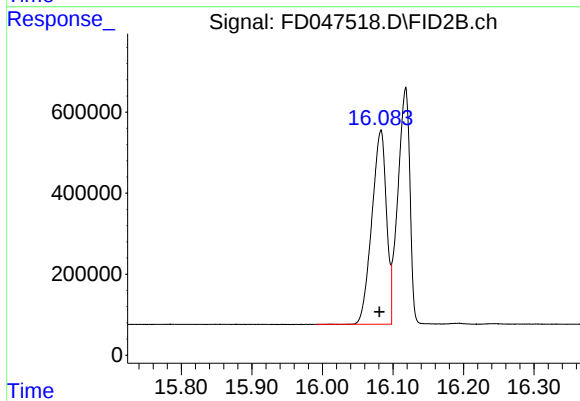
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.538 min
Delta R.T.: 0.000 min
Response: 6934013
Conc: 52.72 ug/ml



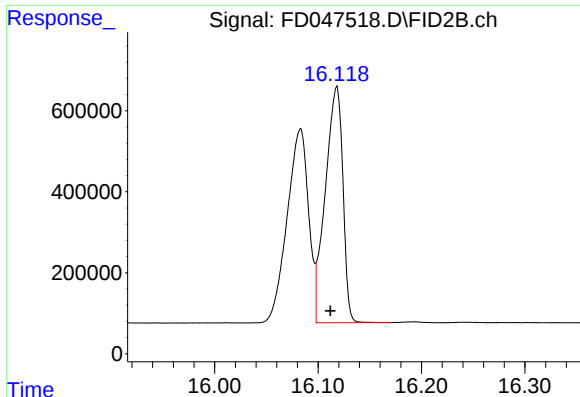
#15 Chrysene (C27.41)

R.T.: 14.582 min
Delta R.T.: 0.003 min
Response: 6917240
Conc: 49.05 ug/ml



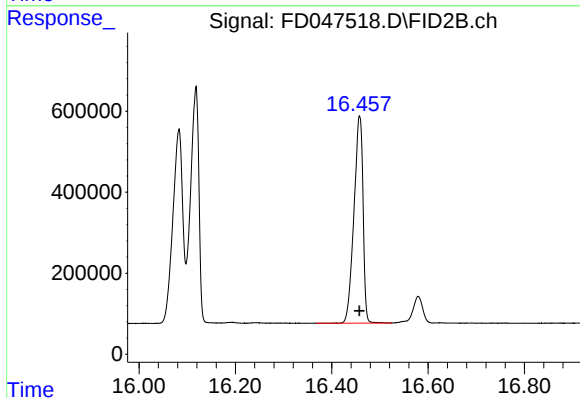
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.082 min
Delta R.T.: 0.001 min
Response: 6886861
Conc: 49.36 ug/ml



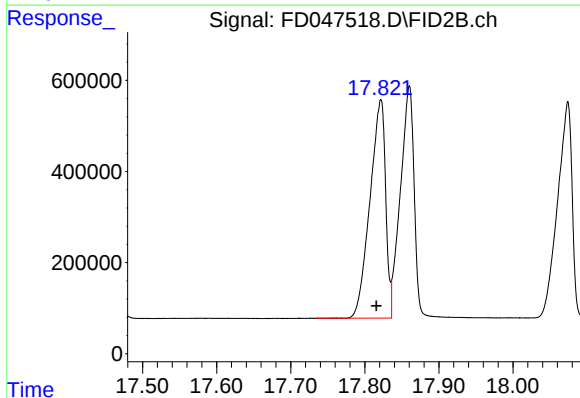
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.117 min
Delta R.T.: 0.005 min
Response: 6875462
Conc: 49.43 ug/ml



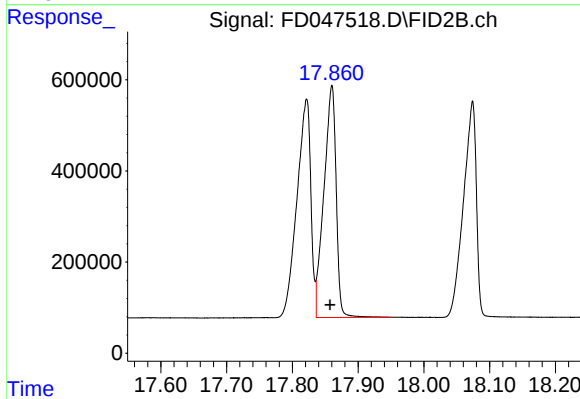
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.458 min
Delta R.T.: 0.000 min
Response: 6726113
Conc: 48.99 ug/ml



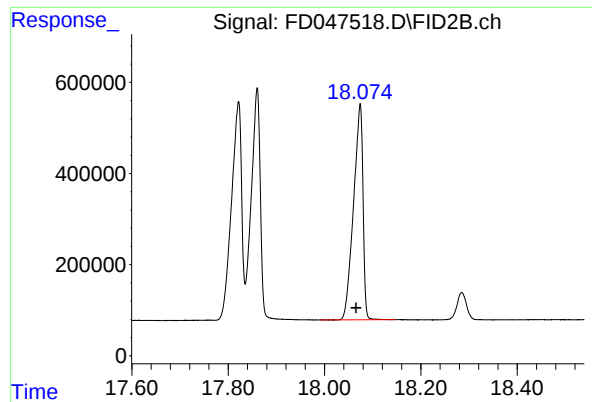
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.821 min
Delta R.T.: 0.005 min
Response: 7044237
Conc: 52.22 ug/ml



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

R.T.: 17.860 min
Delta R.T.: 0.002 min
Response: 6570159
Conc: 48.89 ug/ml



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

R.T.: 18.073 min
Delta R.T.: 0.008 min
Response: 6462921
Conc: 46.57 ug/ml