

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020624AR\
 Data File : FD047176.D
 Signal(s) : FID2B.ch
 Acq On : 06 Feb 2024 15:22
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 07 01:11:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:15:30 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...	7.467	3022266	19.648 ug/ml
Spiked Amount 50.000		Recovery =	39.30%
6) S 2-Fluorobiphenyl (SURR)	8.320	2023360	19.805 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.61%
11) S ortho-Terphenyl (SURR)	11.357	3512739	19.716 ug/ml
Spiked Amount 50.000		Recovery =	39.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.282	3126770	20.071 ug/ml
2) T Naphthalene (C11.7)	5.808	3308163	19.748 ug/ml
3) T 2-Methylnaphthalene (...)	6.855	3343835	19.724 ug/ml
5) T Acenaphthylene (C15.06)	8.123	3063450	19.761 ug/ml
7) T Acenaphthene (C15.5)	8.418	3263538	19.762 ug/ml
8) T Flouorene (C16.55)	9.196	3175628	19.898 ug/ml
9) T Phenanthrene (C19.36)	10.585	3113966	19.672 ug/ml
10) T Anthracene (C19.43)	10.659	2857132	18.638 ug/ml
12) T Fluoranthene (C21.85)	12.386	3151651	19.755 ug/ml
13) T Pyrene (C20.8)	12.680	3053538	19.755 ug/ml
14) T Benzo[a]anthracene (C...	14.545	2754308	19.619 ug/ml
15) T Chrysene (C27.41)	14.587	2928341	18.907 ug/ml
16) T benzo[b]fluoranthene ...	16.087	2839483	19.575 ug/ml
17) T Bnezo[k]fluoranthene ...	16.119	2855537	19.371 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.461	2762665	19.326 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.820	2651963	20.577 ug/ml
20) T Dibenz[a,h]anthracene...	17.860	2769593	19.536 ug/ml
21) T Benzo[g,h,i]perylene ...	18.071	2762583	20.133 ug/ml

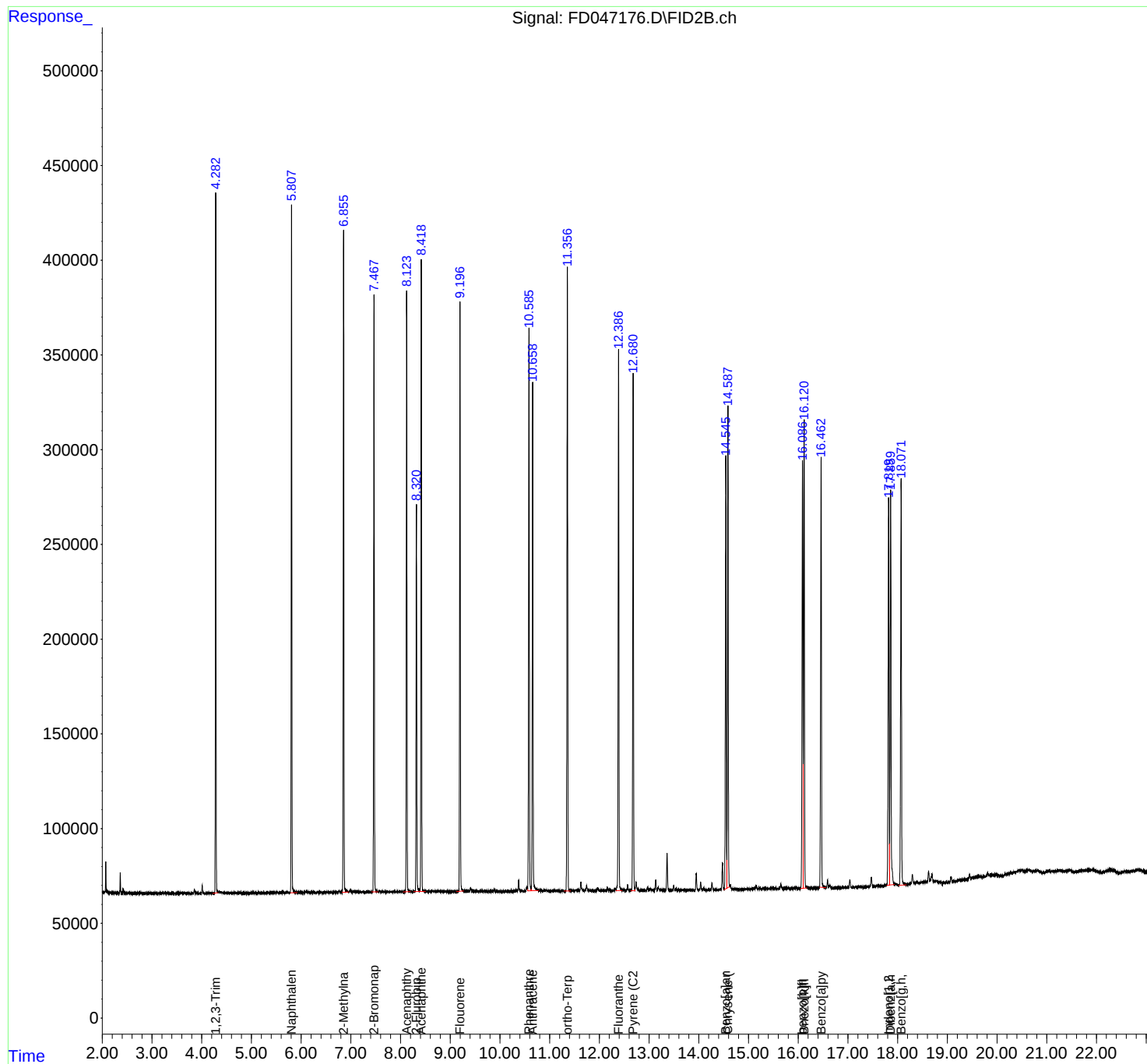
(f)=RT Delta > 1/2 Window

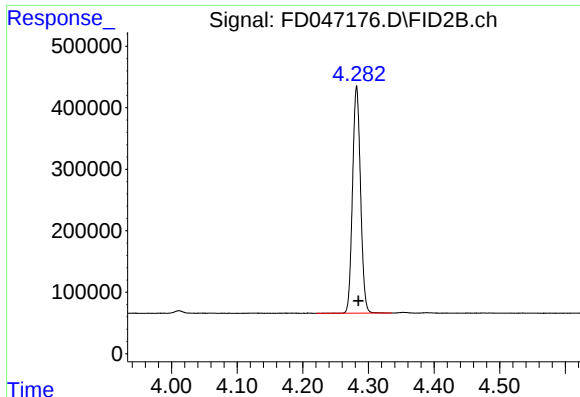
(m)=manual int.

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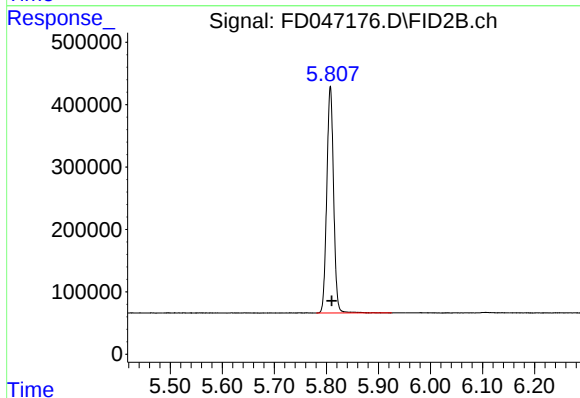
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Signal Info : 20M x 0.18mm x 0.18µm





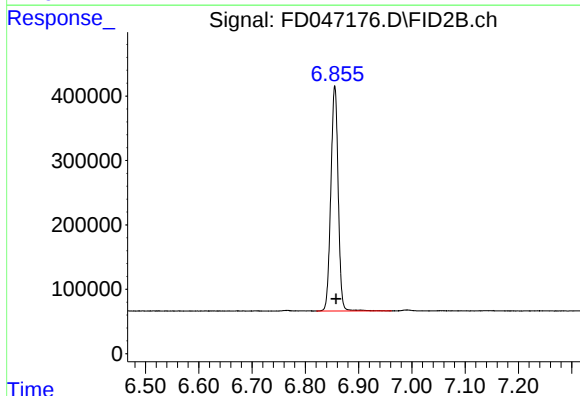
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.282 min
Delta R.T.: -0.003 min
Response: 3126770
Conc: 20.07 ug/ml



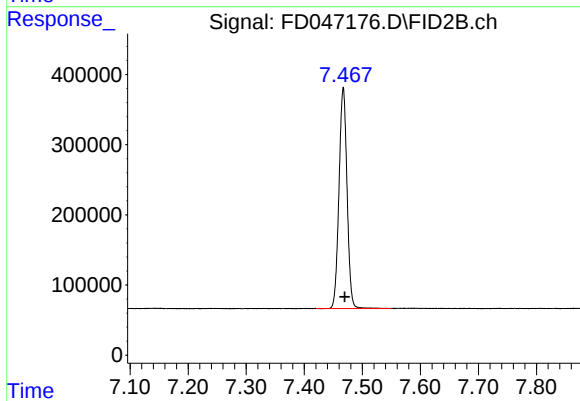
#2 Naphthalene (C11.7)

R.T.: 5.808 min
Delta R.T.: -0.003 min
Response: 3308163
Conc: 19.75 ug/ml



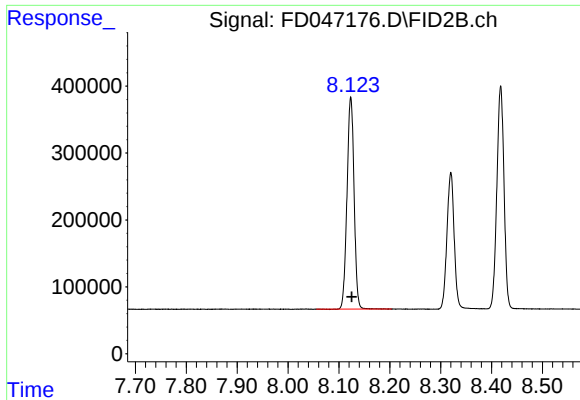
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.855 min
Delta R.T.: -0.002 min
Response: 3343835
Conc: 19.72 ug/ml



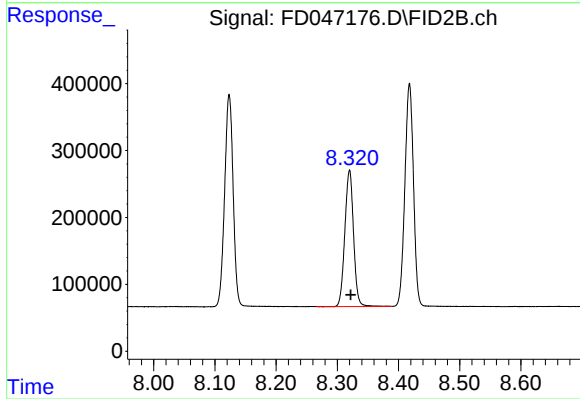
#4 2-Bromonaphthalene (SURR)

R.T.: 7.467 min
Delta R.T.: -0.002 min
Response: 3022266
Conc: 19.65 ug/ml



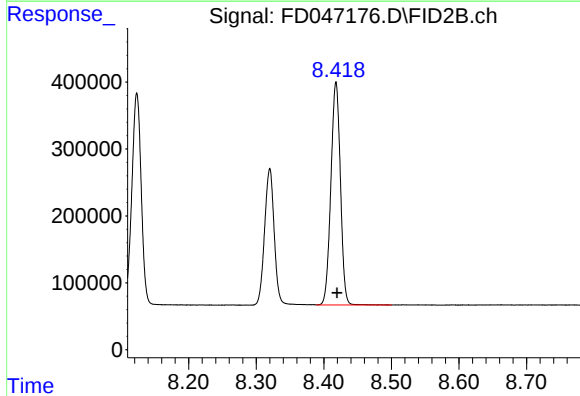
#5 Acenaphthylene (C15.06)

R.T.: 8.123 min
Delta R.T.: -0.002 min
Response: 3063450
Conc: 19.76 ug/ml



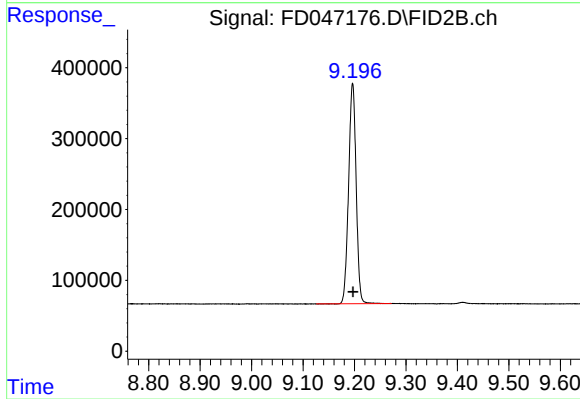
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.320 min
Delta R.T.: -0.002 min
Response: 2023360
Conc: 19.81 ug/ml



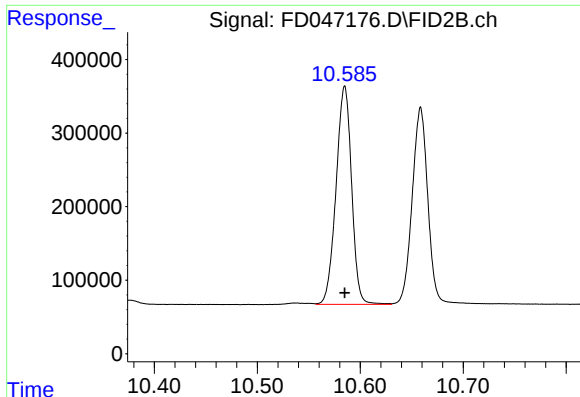
#7 Acenaphthene (C15.5)

R.T.: 8.418 min
Delta R.T.: -0.001 min
Response: 3263538
Conc: 19.76 ug/ml



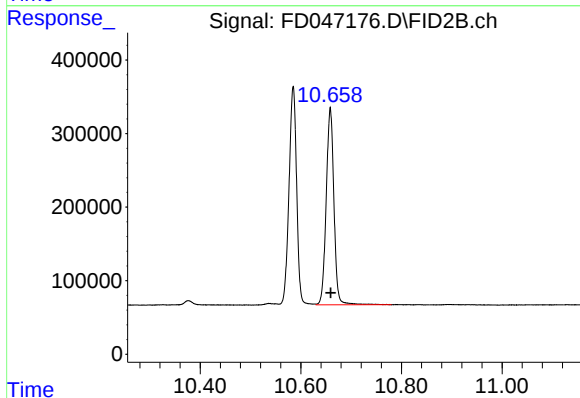
#8 Flouorene (C16.55)

R.T.: 9.196 min
Delta R.T.: -0.001 min
Response: 3175628
Conc: 19.90 ug/ml



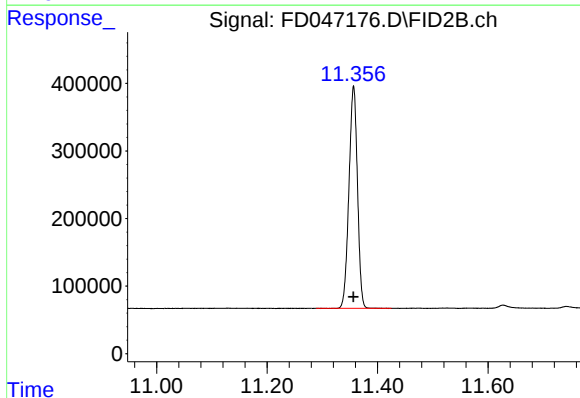
#9 Phenanthrene (C19.36)

R.T.: 10.585 min
Delta R.T.: 0.000 min
Response: 3113966
Conc: 19.67 ug/ml



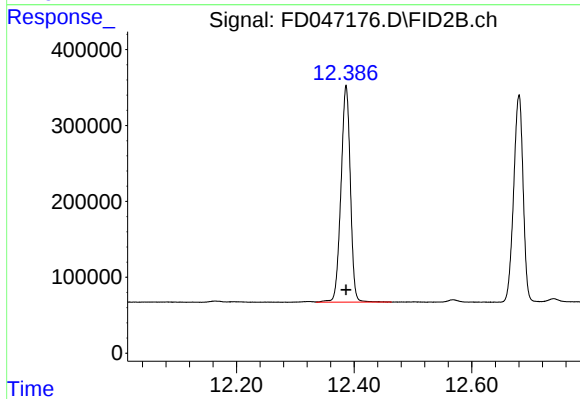
#10 Anthracene (C19.43)

R.T.: 10.659 min
Delta R.T.: 0.000 min
Response: 2857132
Conc: 18.64 ug/ml



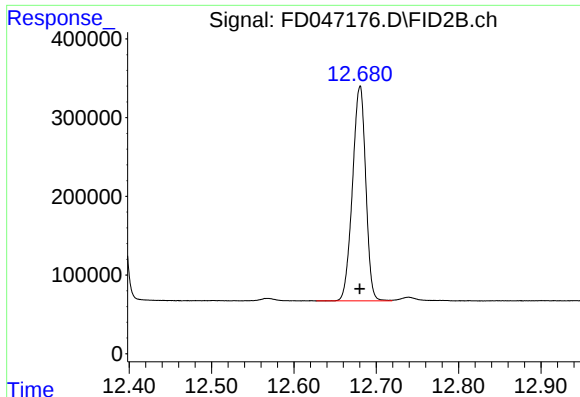
#11 ortho-Terphenyl (SURR)

R.T.: 11.357 min
Delta R.T.: 0.000 min
Response: 3512739
Conc: 19.72 ug/ml



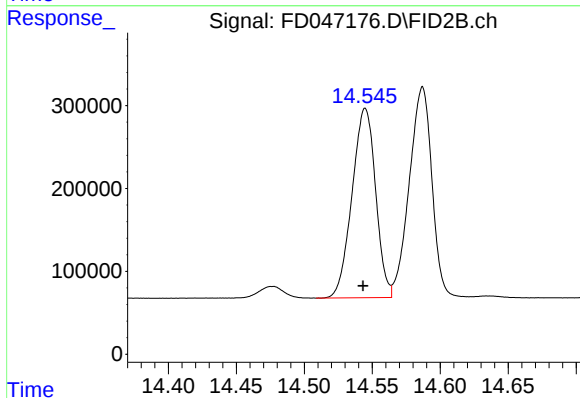
#12 Fluoranthene (C21.85)

R.T.: 12.386 min
Delta R.T.: 0.000 min
Response: 3151651
Conc: 19.75 ug/ml



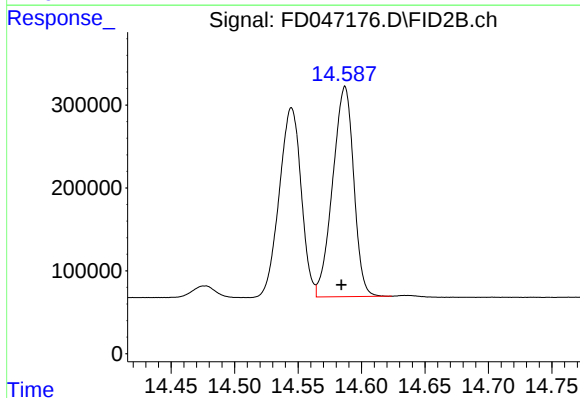
#13 Pyrene (C20.8)

R.T.: 12.680 min
Delta R.T.: 0.000 min
Response: 3053538
Conc: 19.75 ug/ml



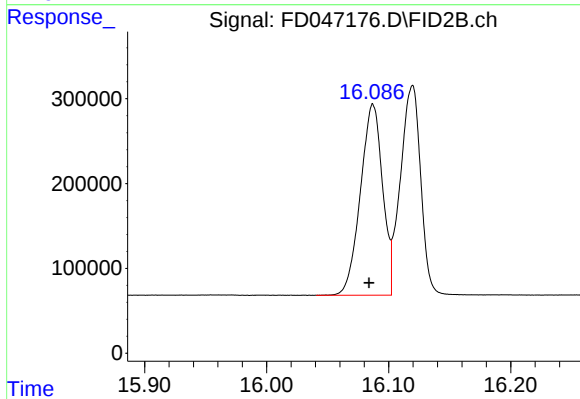
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.545 min
Delta R.T.: 0.002 min
Response: 2754308
Conc: 19.62 ug/ml



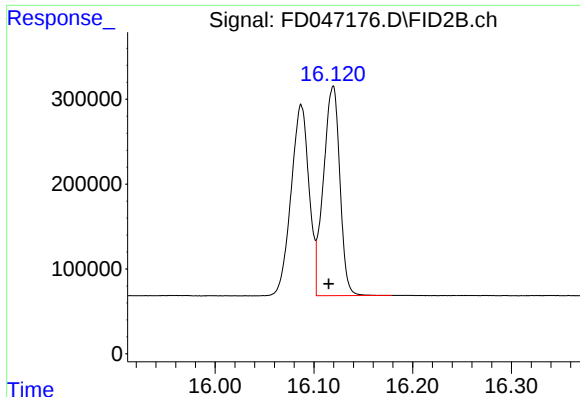
#15 Chrysene (C27.41)

R.T.: 14.587 min
Delta R.T.: 0.002 min
Response: 2928341
Conc: 18.91 ug/ml



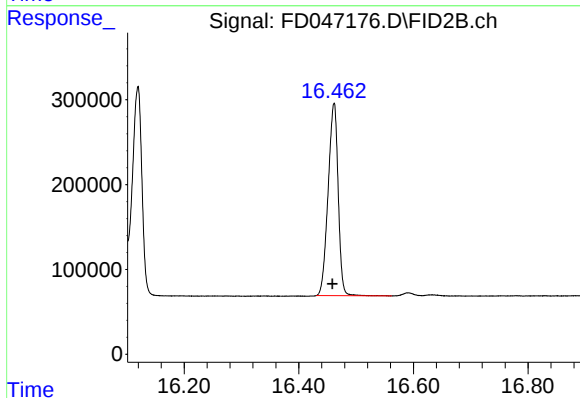
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.087 min
Delta R.T.: 0.003 min
Response: 2839483
Conc: 19.57 ug/ml



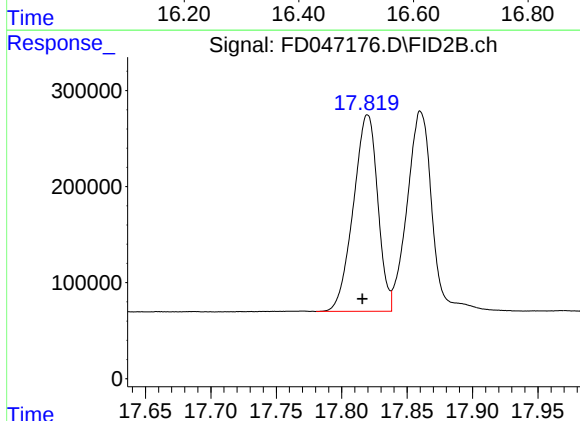
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.119 min
Delta R.T.: 0.004 min
Response: 2855537
Conc: 19.37 ug/ml



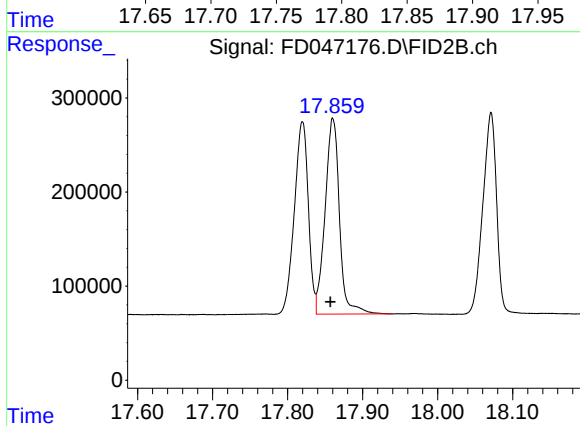
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.461 min
Delta R.T.: 0.002 min
Response: 2762665
Conc: 19.33 ug/ml



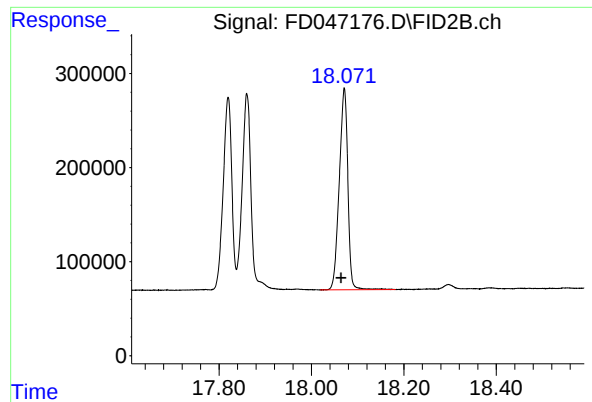
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.820 min
Delta R.T.: 0.004 min
Response: 2651963
Conc: 20.58 ug/ml



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

R.T.: 17.860 min
Delta R.T.: 0.003 min
Response: 2769593
Conc: 19.54 ug/ml



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

R.T.: 18.071 min
Delta R.T.: 0.006 min
Response: 2762583
Conc: 20.13 ug/ml