

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072823AR\
 Data File : FD046224.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jul 2023 09:58
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 29 02:49:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 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

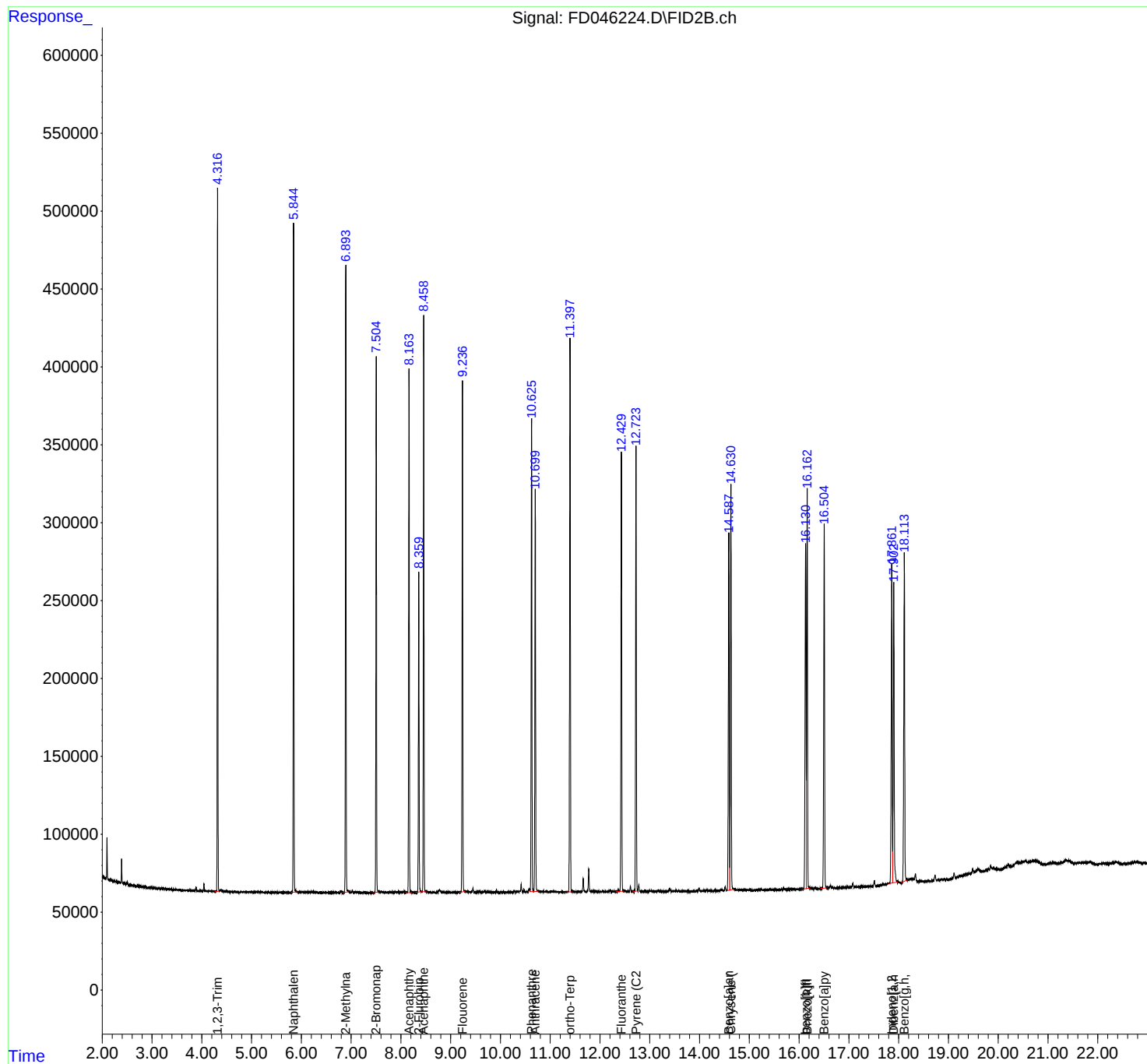
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.505	3214573	21.505 ug/ml
Spiked Amount 50.000		Recovery =	43.01%
6) S 2-Fluorobiphenyl (SURR)	8.358	2037972	21.770 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.54%
11) S ortho-Terphenyl (SURR)	11.398	3877385	22.202 ug/ml
Spiked Amount 50.000		Recovery =	44.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.317	3850591	21.134 ug/ml
2) T Naphthalene (C11.7)	5.844	3859295	21.368 ug/ml
3) T 2-Methylnaphthalene (...)	6.893	3768819	21.413 ug/ml
5) T Acenaphthylene (C15.06)	8.162	3296063	21.603 ug/ml
7) T Acenaphthene (C15.5)	8.458	3535607	21.683 ug/ml
8) T Flouorene (C16.55)	9.236	3326163	21.860 ug/ml
9) T Phenanthrene (C19.36)	10.626	3165073	21.980 ug/ml
10) T Anthracene (C19.43)	10.700	2665709	20.369 ug/ml
12) T Fluoranthene (C21.85)	12.429	3115896	22.299 ug/ml
13) T Pyrene (C20.8)	12.723	3056298	22.052 ug/ml
14) T Benzo[a]anthracene (C...	14.588	2825686	21.527 ug/ml
15) T Chrysene (C27.41)	14.630	2981044	21.142 ug/ml
16) T benzo[b]fluoranthene ...	16.130	3025098	22.119 ug/ml
17) T Bnezo[k]fluoranthene ...	16.162	2949983	21.522 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.504	2865619	22.011 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.861	2617346	21.762 ug/ml
20) T Dibenz[a,h]anthracene...	17.902	2597989	20.313 ug/ml
21) T Benzo[g,h,i]perylene ...	18.114	2764710	21.792 ug/ml

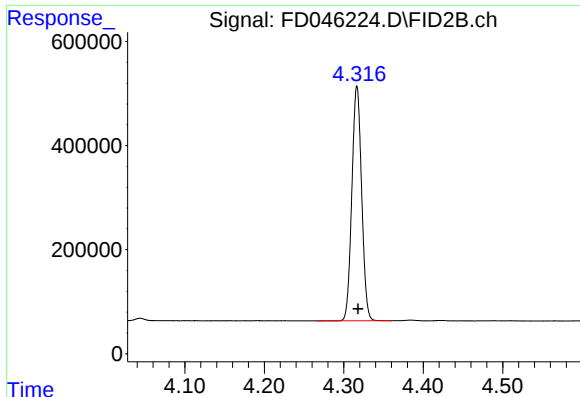
(f)=RT Delta > 1/2 Window

(m)=manual int.

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20 PPM AROMATIC HC STD

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

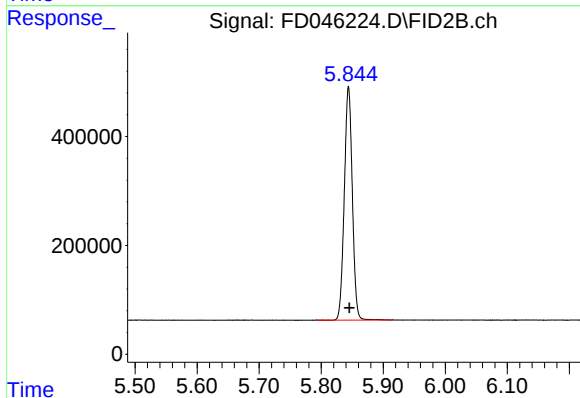




#1 1,2,3-Trimethylbenzene (C10.1)

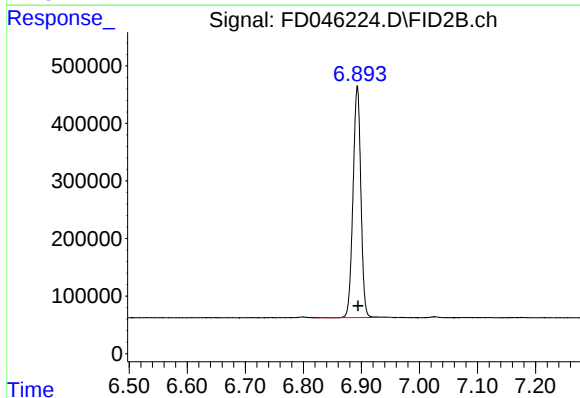
R.T.: 4.317 min
Delta R.T.: -0.001 min
Response: 3850591
Conc: 21.13 ug/ml

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20 PPM AROMATIC HC STD



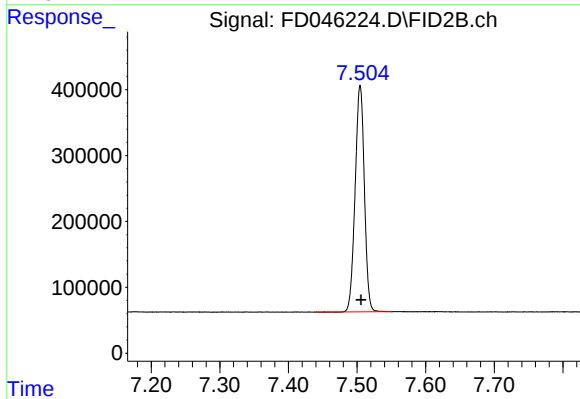
#2 Naphthalene (C11.7)

R.T.: 5.844 min
Delta R.T.: -0.002 min
Response: 3859295
Conc: 21.37 ug/ml



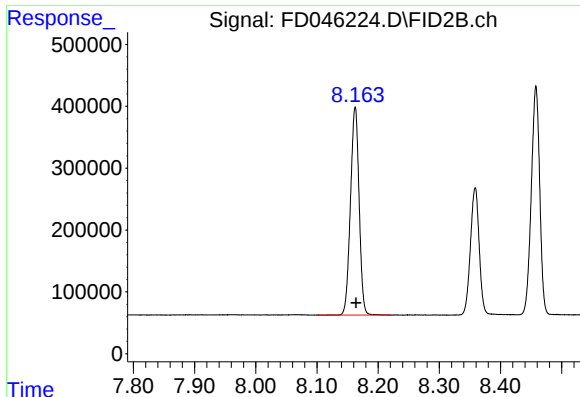
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.893 min
Delta R.T.: -0.002 min
Response: 3768819
Conc: 21.41 ug/ml



#4 2-Bromonaphthalene (SURR)

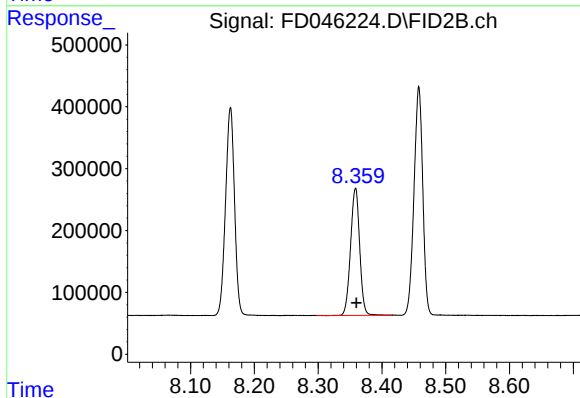
R.T.: 7.505 min
Delta R.T.: -0.001 min
Response: 3214573
Conc: 21.51 ug/ml



#5 Acenaphthylene (C15.06)

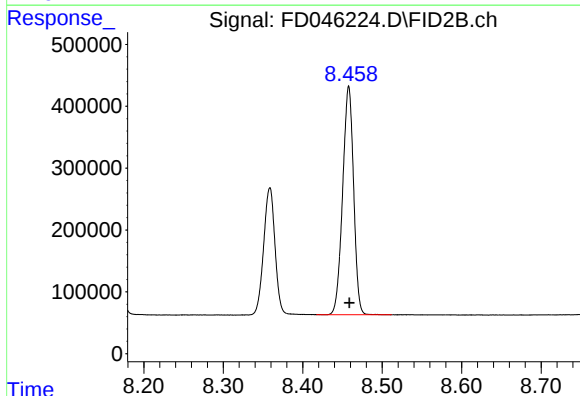
R.T.: 8.162 min
Delta R.T.: -0.001 min
Response: 3296063
Conc: 21.60 ug/ml

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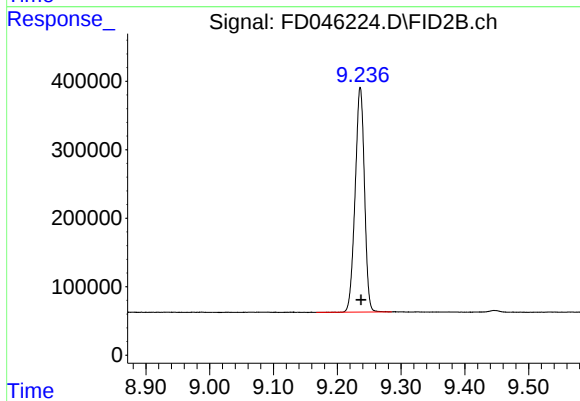
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.358 min
Delta R.T.: -0.002 min
Response: 2037972
Conc: 21.77 ug/ml



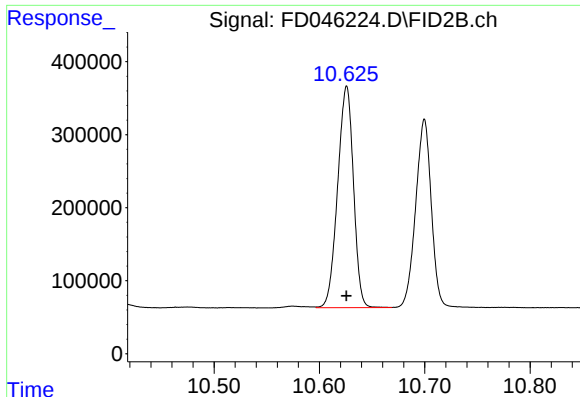
#7 Acenaphthene (C15.5)

R.T.: 8.458 min
Delta R.T.: 0.000 min
Response: 3535607
Conc: 21.68 ug/ml



#8 Fluorene (C16.55)

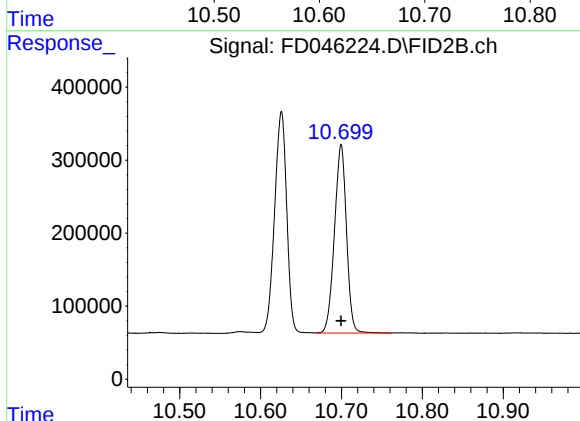
R.T.: 9.236 min
Delta R.T.: 0.000 min
Response: 3326163
Conc: 21.86 ug/ml



#9 Phenanthrene (C19.36)

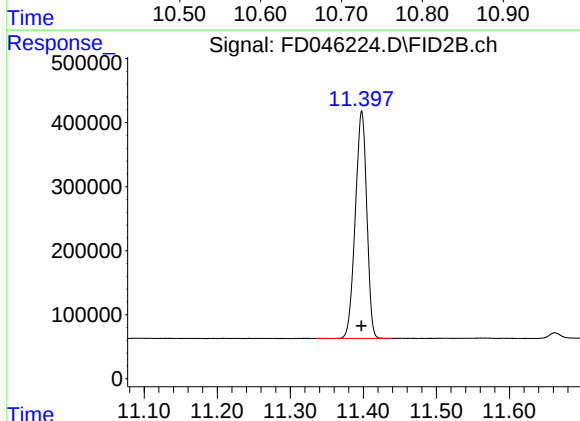
R.T.: 10.626 min
Delta R.T.: 0.000 min
Response: 3165073
Conc: 21.98 ug/ml

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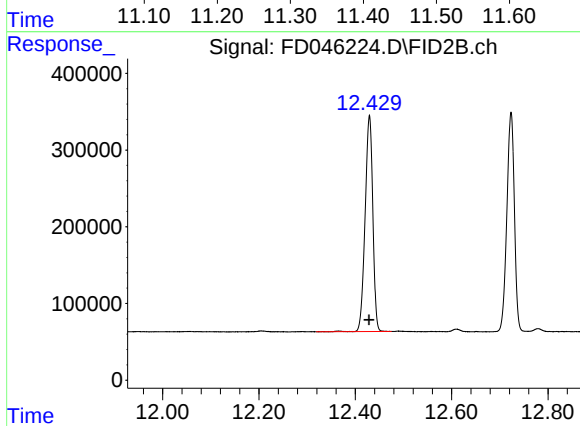
#10 Anthracene (C19.43)

R.T.: 10.700 min
Delta R.T.: 0.000 min
Response: 2665709
Conc: 20.37 ug/ml



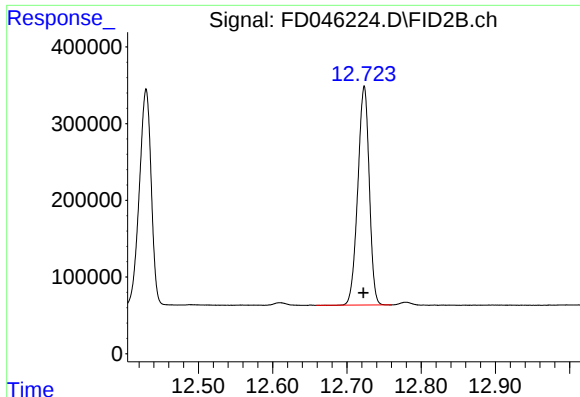
#11 ortho-Terphenyl (SURR)

R.T.: 11.398 min
Delta R.T.: 0.000 min
Response: 3877385
Conc: 22.20 ug/ml



#12 Fluoranthene (C21.85)

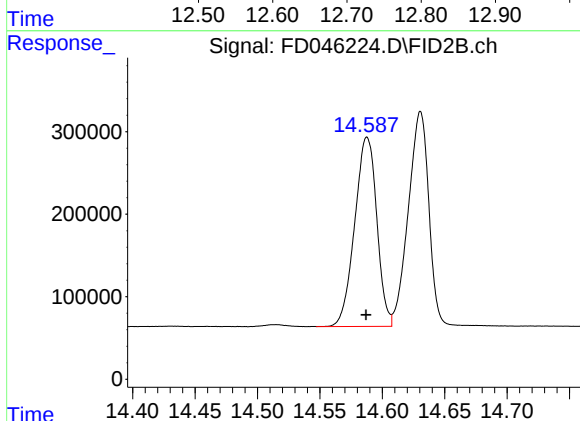
R.T.: 12.429 min
Delta R.T.: 0.000 min
Response: 3115896
Conc: 22.30 ug/ml



#13 Pyrene (C20.8)

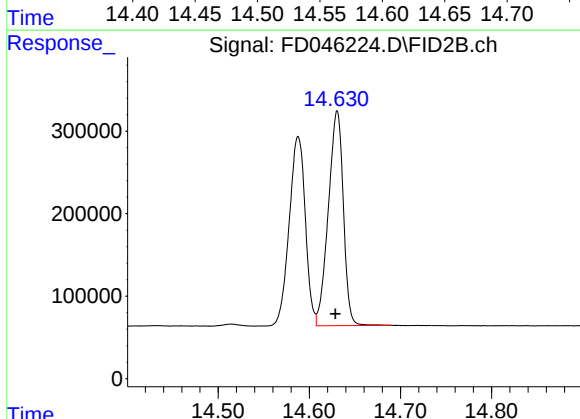
R.T.: 12.723 min
Delta R.T.: 0.000 min
Response: 3056298
Conc: 22.05 ug/ml

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20 PPM AROMATIC HC STD



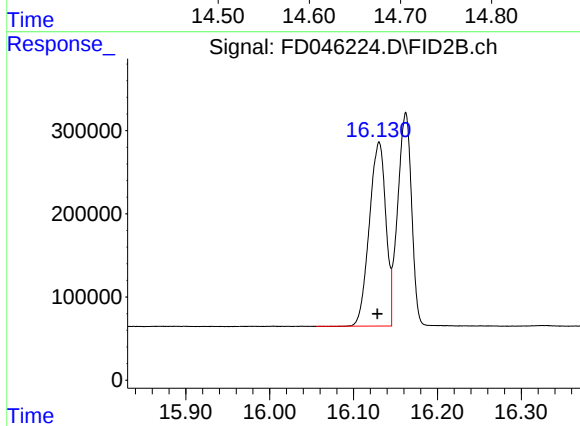
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.588 min
Delta R.T.: 0.000 min
Response: 2825686
Conc: 21.53 ug/ml



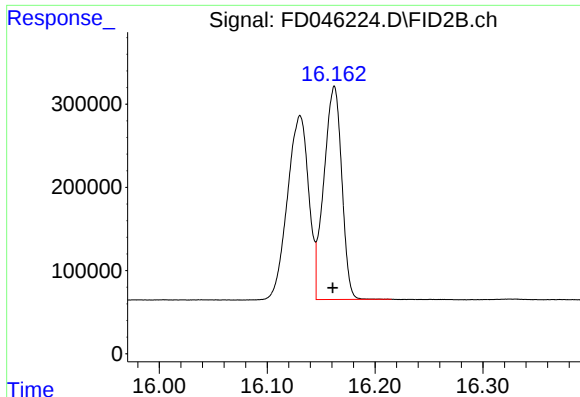
#15 Chrysene (C27.41)

R.T.: 14.630 min
Delta R.T.: 0.002 min
Response: 2981044
Conc: 21.14 ug/ml



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

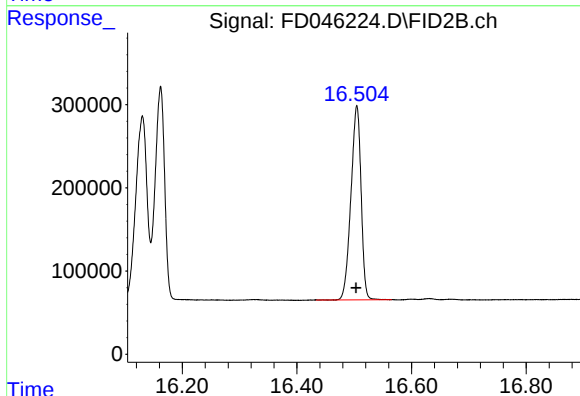
R.T.: 16.130 min
Delta R.T.: 0.002 min
Response: 3025098
Conc: 22.12 ug/ml



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

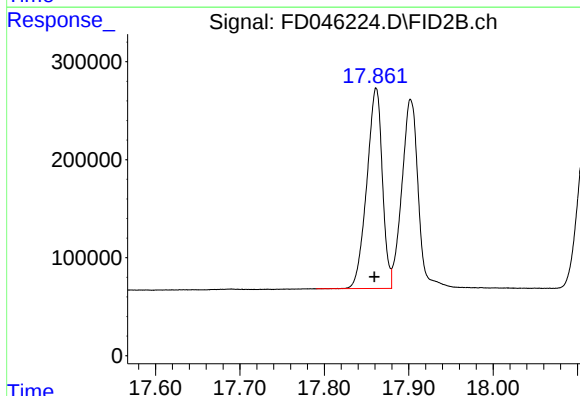
R.T.: 16.162 min
Delta R.T.: 0.001 min
Response: 2949983
Conc: 21.52 ug/ml

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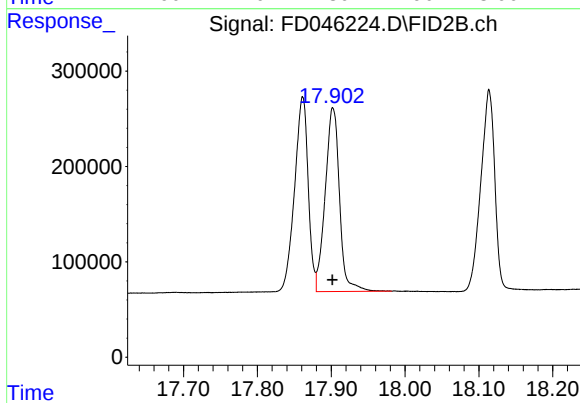
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.504 min
Delta R.T.: 0.001 min
Response: 2865619
Conc: 22.01 ug/ml



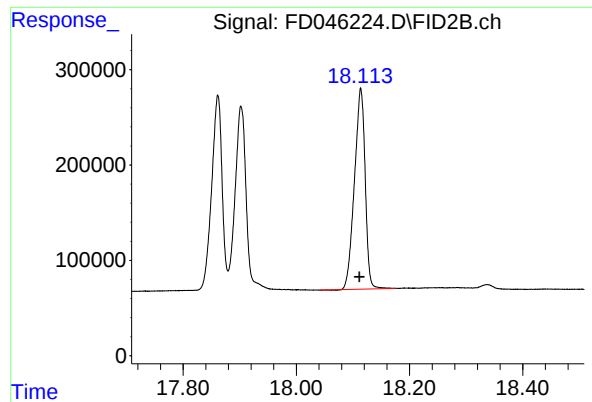
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.861 min
Delta R.T.: 0.002 min
Response: 2617346
Conc: 21.76 ug/ml



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

R.T.: 17.902 min
Delta R.T.: 0.000 min
Response: 2597989
Conc: 20.31 ug/ml



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

R.T.: 18.114 min
Delta R.T.: 0.003 min
Response: 2764710
Conc: 21.79 ug/ml

Instrument :

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ClientSampleId :

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