

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070323AR\
 Data File : FD046065.D
 Signal(s) : FID2B.ch
 Acq On : 04 Jul 2023 11:07
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: sample.E
 Quant Time: Jul 05 01:37:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 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...	7.515	4422833	20.524 ug/ml
Spiked Amount 50.000		Recovery =	41.05%
6) S 2-Fluorobiphenyl (SURR)	8.370	2804440	20.263 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.53%
11) S ortho-Terphenyl (SURR)	11.409	5127078	20.223 ug/ml
Spiked Amount 50.000		Recovery =	40.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.327	5288293	21.229 ug/ml
2) T Naphthalene (C11.7)	5.855	5299784	20.774 ug/ml
3) T 2-Methylnaphthalene (...)	6.904	5185214	20.569 ug/ml
5) T Acenaphthylene (C15.06)	8.174	4453294	20.503 ug/ml
7) T Acenaphthene (C15.5)	8.470	4804689	20.383 ug/ml
8) T Fluorene (C16.55)	9.249	4566357	20.182 ug/ml
9) T Phenanthrene (C19.36)	10.639	4271819	20.020 ug/ml
10) T Anthracene (C19.43)	10.712	3357024	21.127 ug/ml
12) T Fluoranthene (C21.85)	12.443	4050610	19.793 ug/ml
13) T Pyrene (C20.8)	12.738	3962059	20.377 ug/ml
14) T Benzo[a]anthracene (C...	14.602	3690206	20.519 ug/ml
15) T Chrysene (C27.41)	14.645	3915287	19.948 ug/ml
16) T benzo[b]fluoranthene ...	16.145	3965409	21.142 ug/ml
17) T Bnezo[k]fluoranthene ...	16.178	3917204	19.803 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.520	3831875	21.993 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.878	3854341	20.710 ug/ml
20) T Dibenz[a,h]anthracene...	17.919	3944220	21.453 ug/ml
21) T Benzo[g,h,i]perylene ...	18.132	3947047	21.124 ug/ml

(f)=RT Delta > 1/2 Window

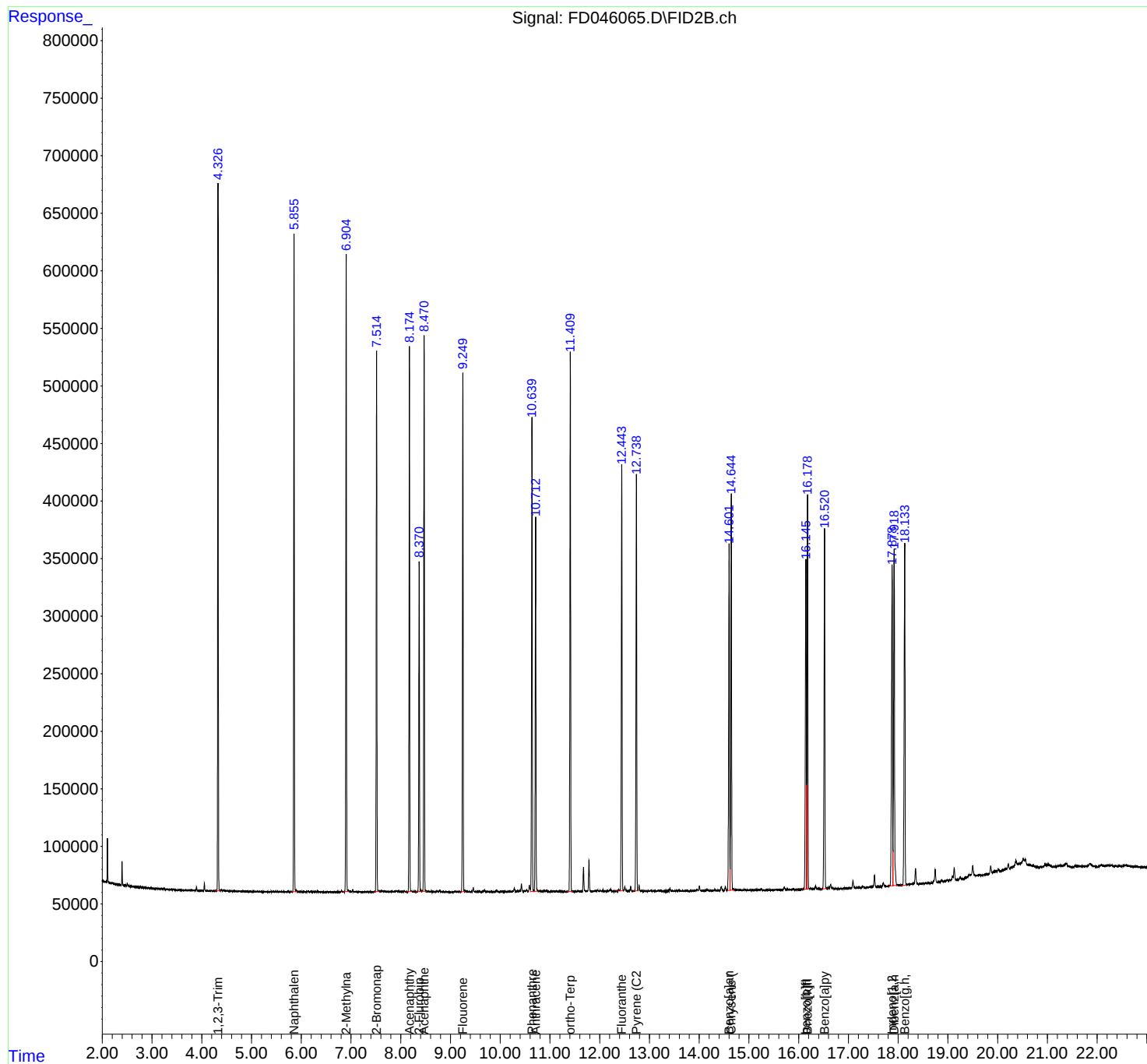
(m)=manual int.

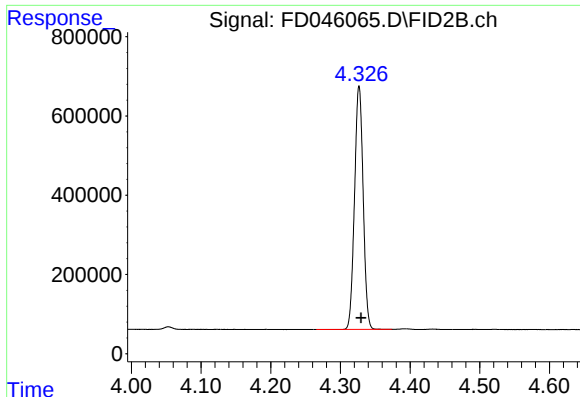
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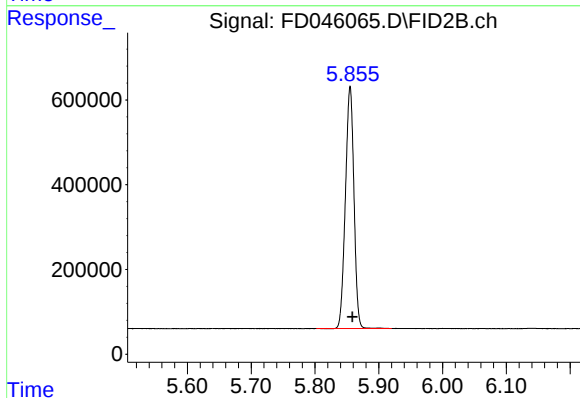




#1 1,2,3-Trimethylbenzene (C10.1)

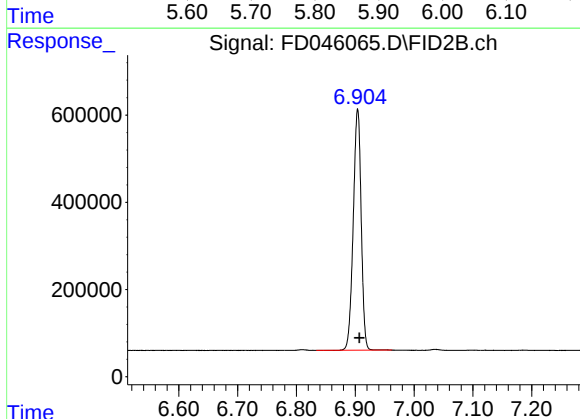
R.T.: 4.327 min
Delta R.T.: -0.003 min
Response: 5288293
Conc: 21.23 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



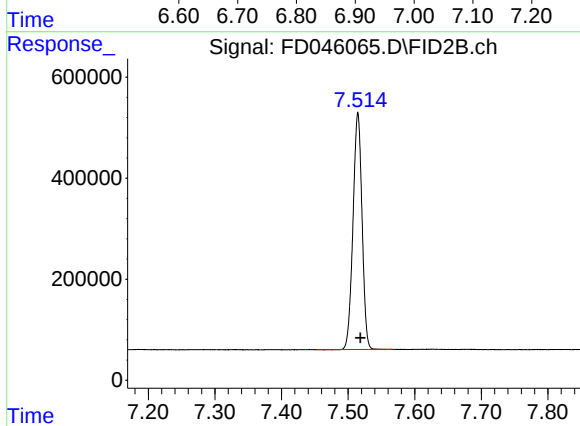
#2 Naphthalene (C11.7)

R.T.: 5.855 min
Delta R.T.: -0.003 min
Response: 5299784
Conc: 20.77 ug/ml



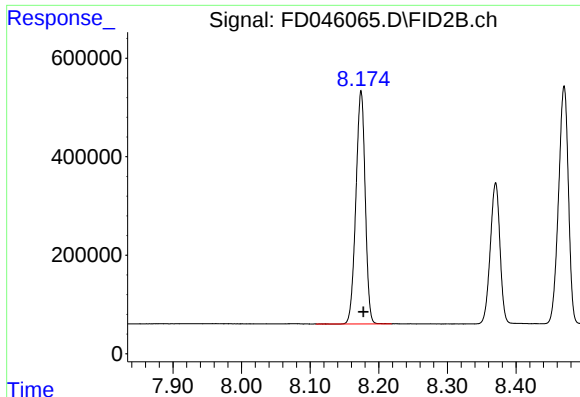
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.904 min
Delta R.T.: -0.003 min
Response: 5185214
Conc: 20.57 ug/ml



#4 2-Bromonaphthalene (SURR)

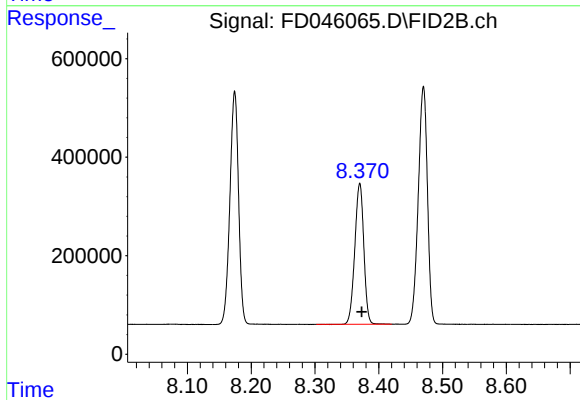
R.T.: 7.515 min
Delta R.T.: -0.004 min
Response: 4422833
Conc: 20.52 ug/ml



#5 Acenaphthylene (C15.06)

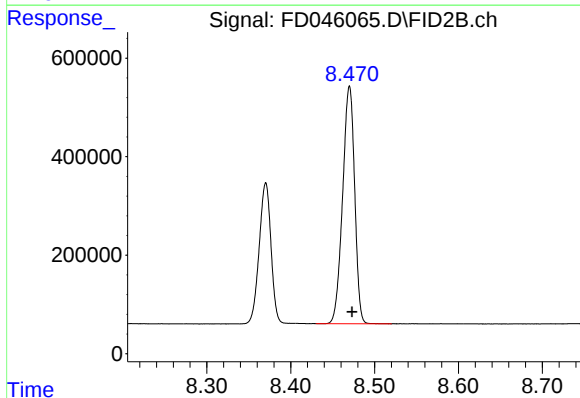
R.T.: 8.174 min
Delta R.T.: -0.004 min
Response: 4453294
Conc: 20.50 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



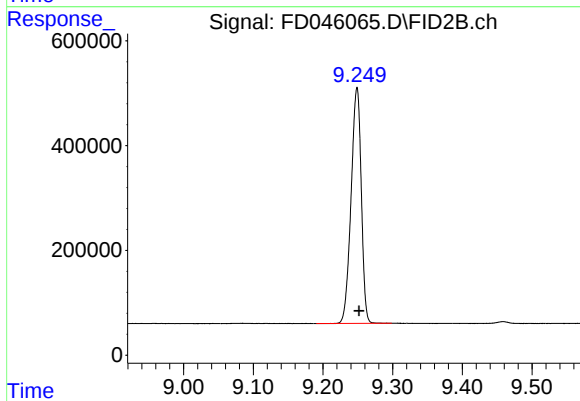
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.370 min
Delta R.T.: -0.003 min
Response: 2804440
Conc: 20.26 ug/ml



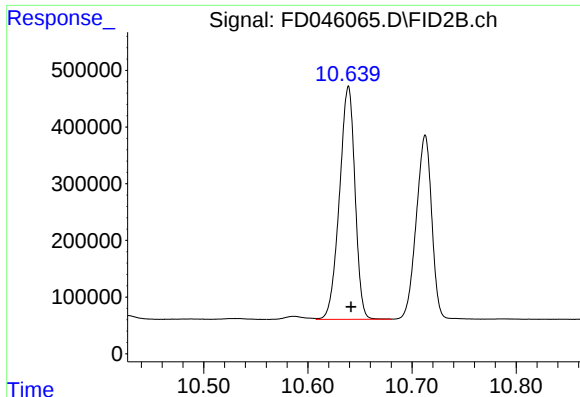
#7 Acenaphthene (C15.5)

R.T.: 8.470 min
Delta R.T.: -0.003 min
Response: 4804689
Conc: 20.38 ug/ml



#8 Flouorene (C16.55)

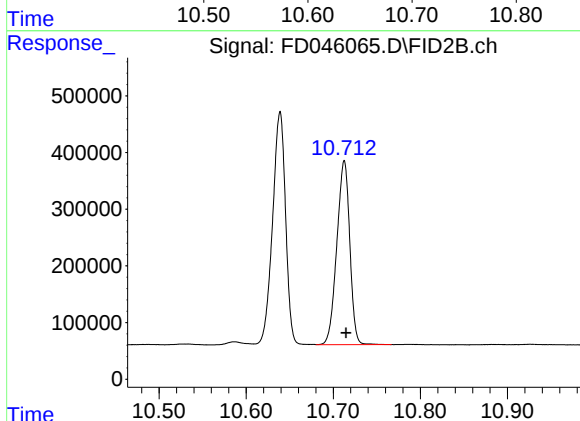
R.T.: 9.249 min
Delta R.T.: -0.003 min
Response: 4566357
Conc: 20.18 ug/ml



#9 Phenanthrene (C19.36)

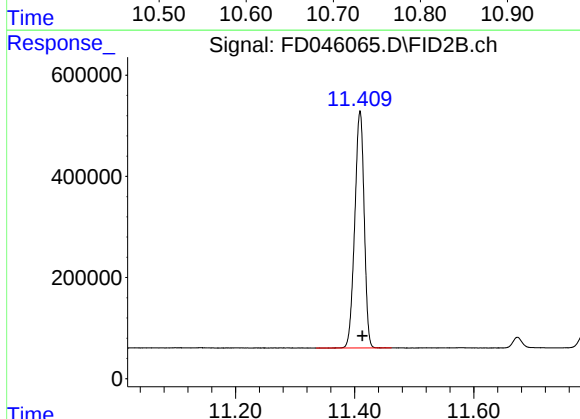
R.T.: 10.639 min
Delta R.T.: -0.003 min
Response: 4271819
Conc: 20.02 ug/ml

Instrument :
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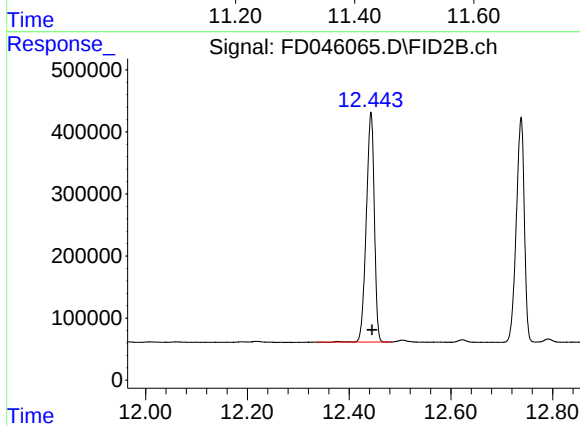
#10 Anthracene (C19.43)

R.T.: 10.712 min
Delta R.T.: -0.002 min
Response: 3357024
Conc: 21.13 ug/ml



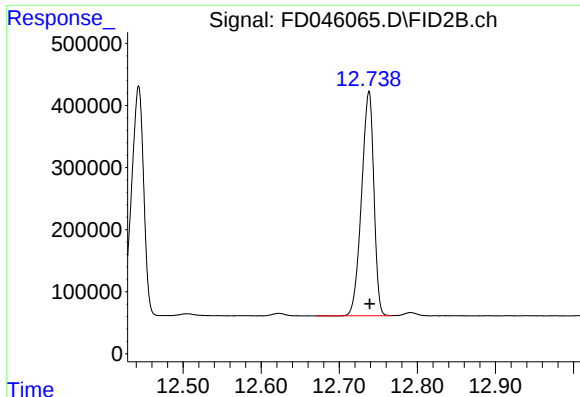
#11 ortho-Terphenyl (SURR)

R.T.: 11.409 min
Delta R.T.: -0.004 min
Response: 5127078
Conc: 20.22 ug/ml



#12 Fluoranthene (C21.85)

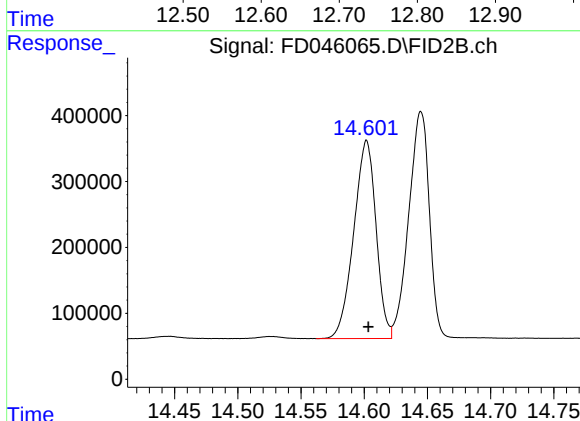
R.T.: 12.443 min
Delta R.T.: -0.002 min
Response: 4050610
Conc: 19.79 ug/ml



#13 Pyrene (C20.8)

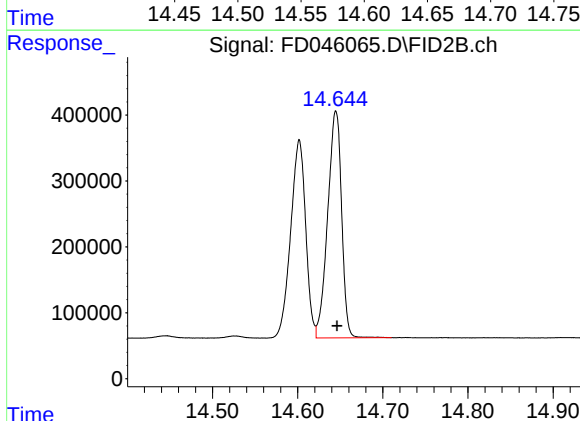
R.T.: 12.738 min
Delta R.T.: -0.002 min
Response: 3962059
Conc: 20.38 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



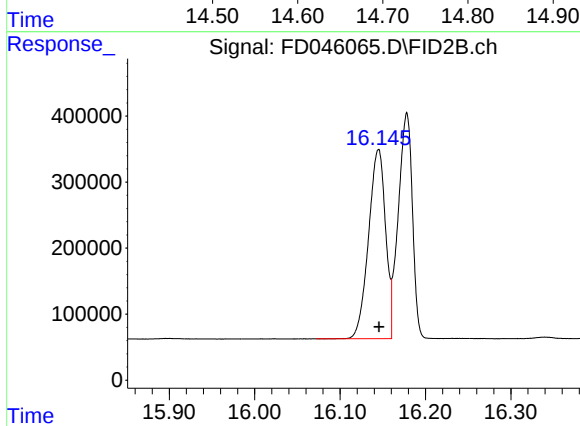
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.602 min
Delta R.T.: -0.002 min
Response: 3690206
Conc: 20.52 ug/ml



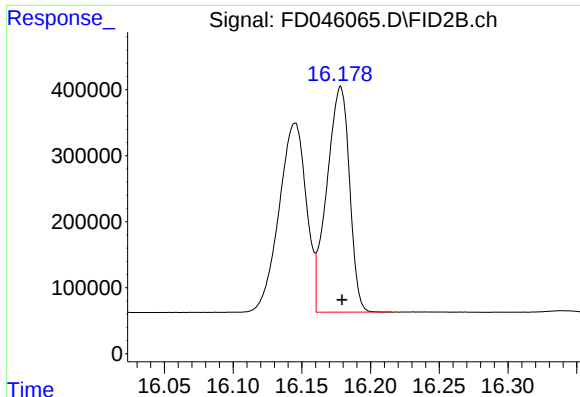
#15 Chrysene (C27.41)

R.T.: 14.645 min
Delta R.T.: -0.001 min
Response: 3915287
Conc: 19.95 ug/ml



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

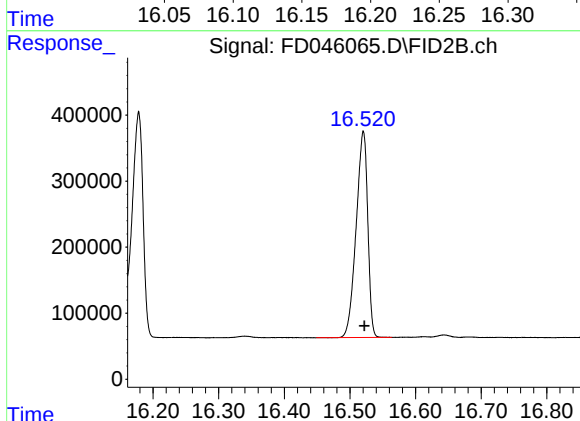
R.T.: 16.145 min
Delta R.T.: 0.000 min
Response: 3965409
Conc: 21.14 ug/ml



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

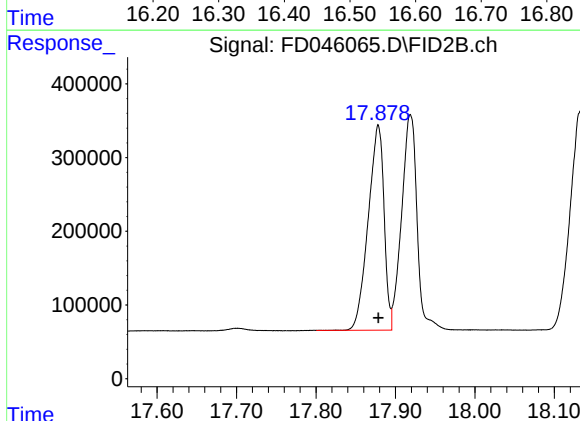
R.T.: 16.178 min
Delta R.T.: -0.001 min
Response: 3917204
Conc: 19.80 ug/ml

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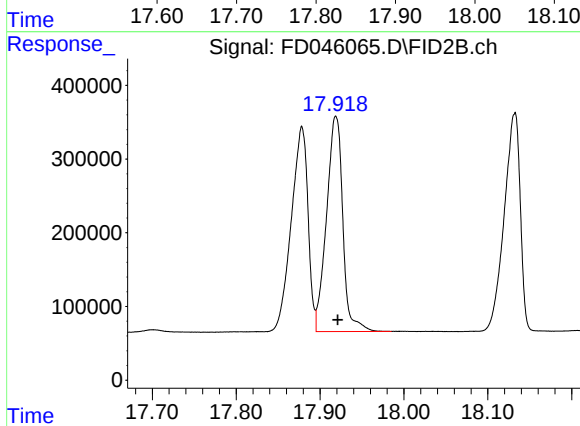
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.520 min
Delta R.T.: -0.002 min
Response: 3831875
Conc: 21.99 ug/ml



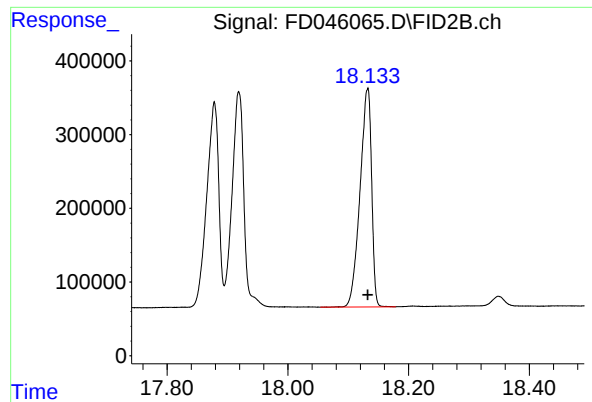
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.878 min
Delta R.T.: 0.000 min
Response: 3854341
Conc: 20.71 ug/ml



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

R.T.: 17.919 min
Delta R.T.: -0.002 min
Response: 3944220
Conc: 21.45 ug/ml



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

R.T.: 18.132 min
Delta R.T.: 0.000 min
Response: 3947047
Conc: 21.12 ug/ml

Instrument :
FID_D
ClientSampleId :
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