

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062423AR\
 Data File : FD045963.D
 Signal(s) : FID2B.ch
 Acq On : 25 Jun 2023 02:04
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jun 25 04:42:32 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...	7.518	4365659	20.258 ug/ml
Spiked Amount 50.000		Recovery =	40.52%
6) S 2-Fluorobiphenyl (SURR)	8.373	2807825	20.287 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.57%
11) S ortho-Terphenyl (SURR)	11.412	5119737	20.195 ug/ml
Spiked Amount 50.000		Recovery =	40.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.329	5046220	20.257 ug/ml
2) T Naphthalene (C11.7)	5.858	5165523	20.247 ug/ml
3) T 2-Methylnaphthalene (...)	6.907	5120771	20.313 ug/ml
5) T Acenaphthylene (C15.06)	8.177	4436118	20.424 ug/ml
7) T Acenaphthene (C15.5)	8.473	4779032	20.274 ug/ml
8) T Fluorene (C16.55)	9.251	4586588	20.271 ug/ml
9) T Phenanthrene (C19.36)	10.641	4310246	20.200 ug/ml
10) T Anthracene (C19.43)	10.715	3414031	21.486 ug/ml
12) T Fluoranthene (C21.85)	12.444	4083970	19.956 ug/ml
13) T Pyrene (C20.8)	12.739	3927051	20.197 ug/ml
14) T Benzo[a]anthracene (C...	14.603	3607896	20.061 ug/ml
15) T Chrysene (C27.41)	14.646	3777168	19.244 ug/ml
16) T benzo[b]fluoranthene ...	16.145	3802318	20.273 ug/ml
17) T Bnezo[k]fluoranthene ...	16.178	3758517	19.001 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.519	3680368	21.124 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.878	3723688	20.008 ug/ml
20) T Dibenz[a,h]anthracene...	17.920	3757436	20.437 ug/ml
21) T Benzo[g,h,i]perylene ...	18.132	3798624	20.330 ug/ml

(f)=RT Delta > 1/2 Window

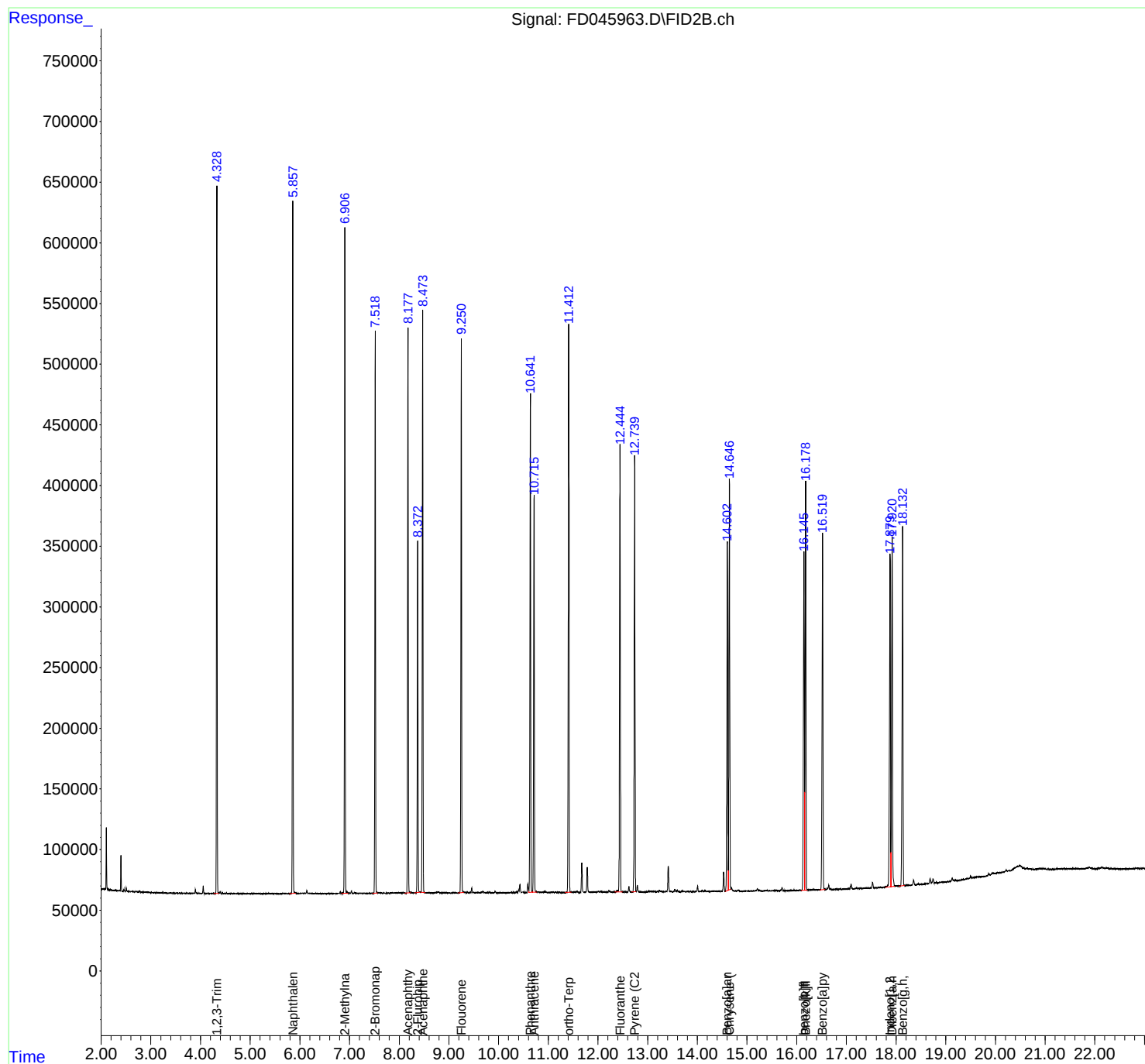
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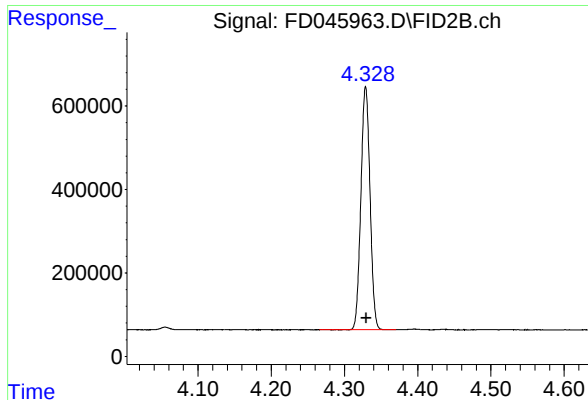
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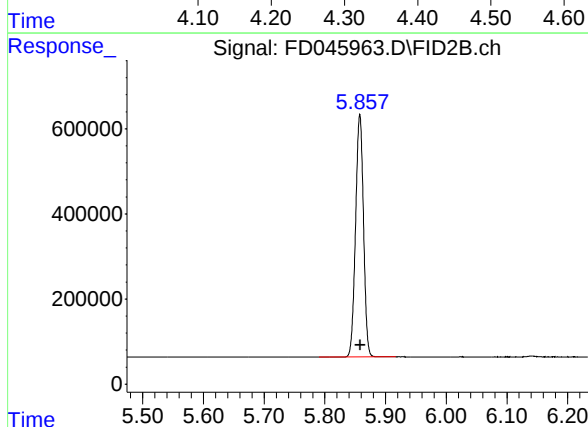




#1 1,2,3-Trimethylbenzene (C10.1)

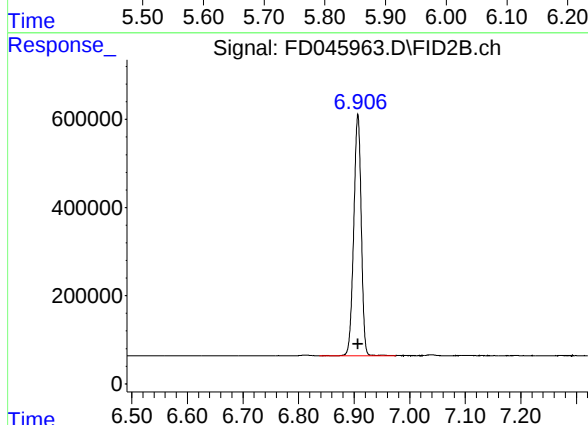
R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 5046220
Conc: 20.26 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD ICV



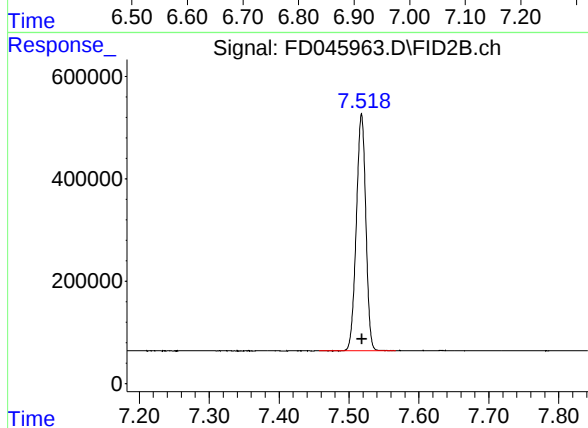
#2 Naphthalene (C11.7)

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 5165523
Conc: 20.25 ug/ml



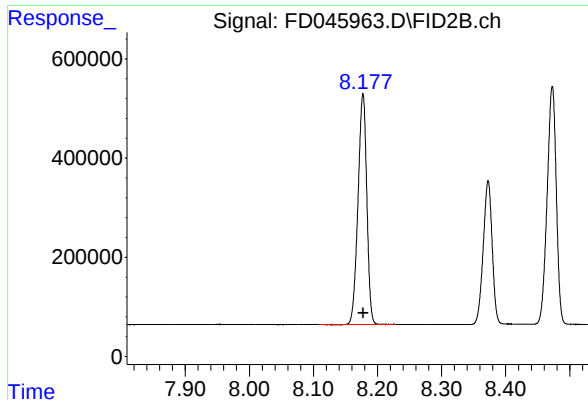
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 5120771
Conc: 20.31 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.518 min
Delta R.T.: 0.000 min
Response: 4365659
Conc: 20.26 ug/ml



#5 Acenaphthylene (C15.06)

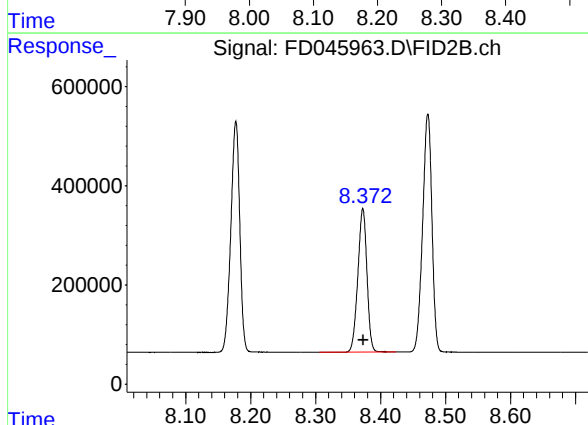
R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 4436118
Conc: 20.42 ug/ml

Instrument :

FID_D

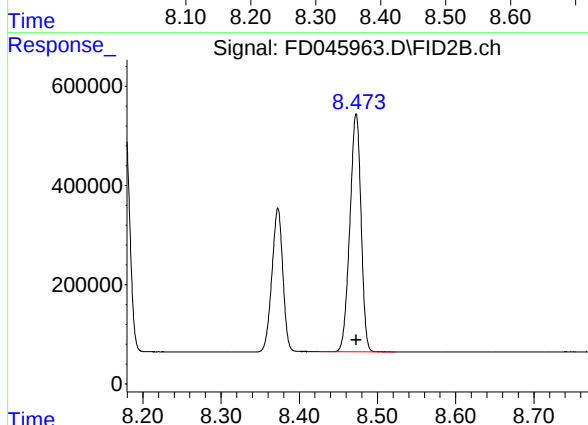
ClientSampleId :

20 PPM AROMATIC HC STD ICV



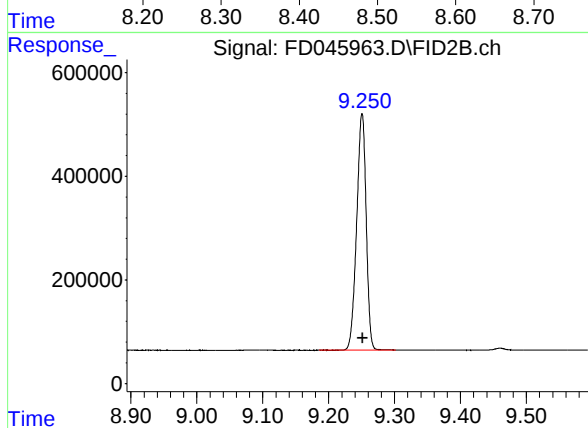
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.373 min
Delta R.T.: 0.000 min
Response: 2807825
Conc: 20.29 ug/ml



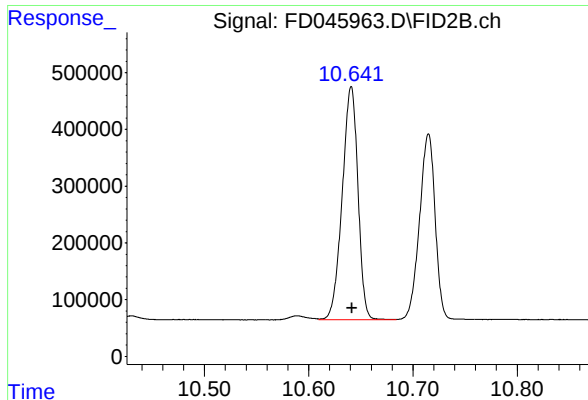
#7 Acenaphthene (C15.5)

R.T.: 8.473 min
Delta R.T.: 0.000 min
Response: 4779032
Conc: 20.27 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.251 min
Delta R.T.: -0.001 min
Response: 4586588
Conc: 20.27 ug/ml



#9 Phenanthrene (C19.36)

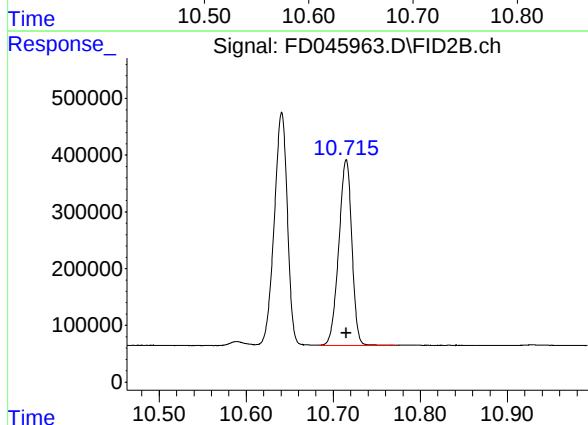
R.T.: 10.641 min
Delta R.T.: 0.000 min
Response: 4310246
Conc: 20.20 ug/ml

Instrument :

FID_D

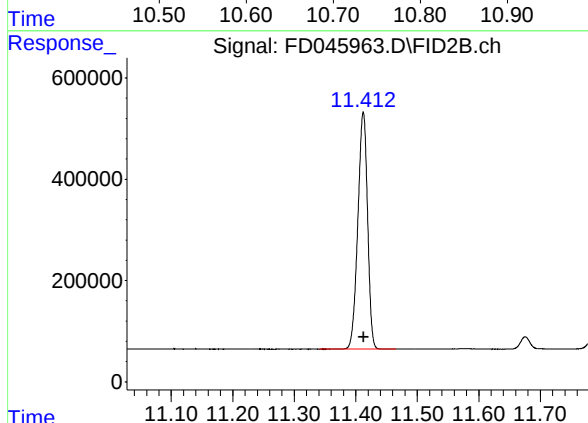
ClientSampleId :

20 PPM AROMATIC HC STD ICV



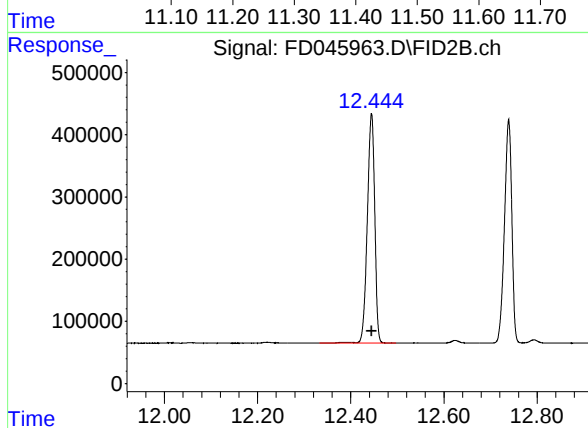
#10 Anthracene (C19.43)

R.T.: 10.715 min
Delta R.T.: 0.000 min
Response: 3414031
Conc: 21.49 ug/ml



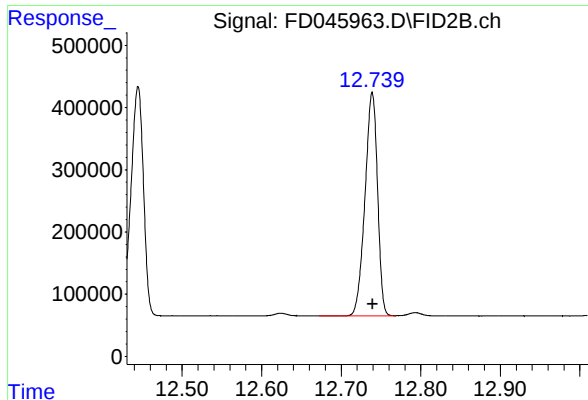
#11 ortho-Terphenyl (SURR)

R.T.: 11.412 min
Delta R.T.: 0.000 min
Response: 5119737
Conc: 20.19 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.444 min
Delta R.T.: 0.000 min
Response: 4083970
Conc: 19.96 ug/ml



#13 Pyrene (C20.8)

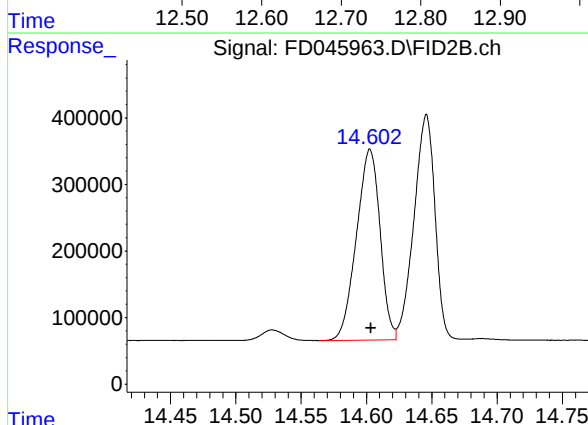
R.T.: 12.739 min
Delta R.T.: 0.000 min
Response: 3927051
Conc: 20.20 ug/ml

Instrument :

FID_D

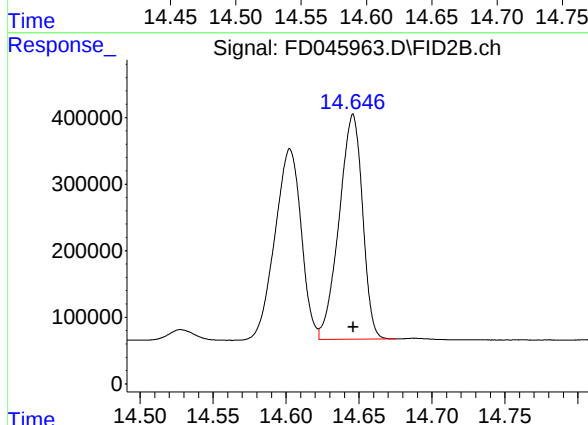
ClientSampleId :

20 PPM AROMATIC HC STD ICV



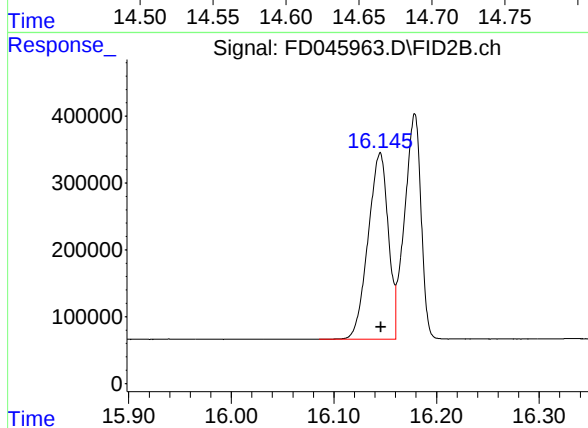
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.603 min
Delta R.T.: 0.000 min
Response: 3607896
Conc: 20.06 ug/ml



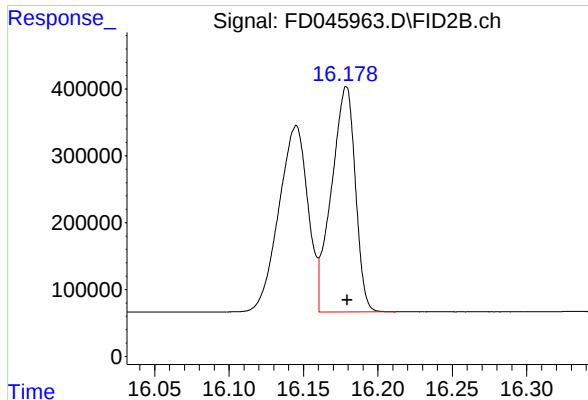
#15 Chrysene (C27.41)

R.T.: 14.646 min
Delta R.T.: 0.000 min
Response: 3777168
Conc: 19.24 ug/ml



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

R.T.: 16.145 min
Delta R.T.: 0.000 min
Response: 3802318
Conc: 20.27 ug/ml



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

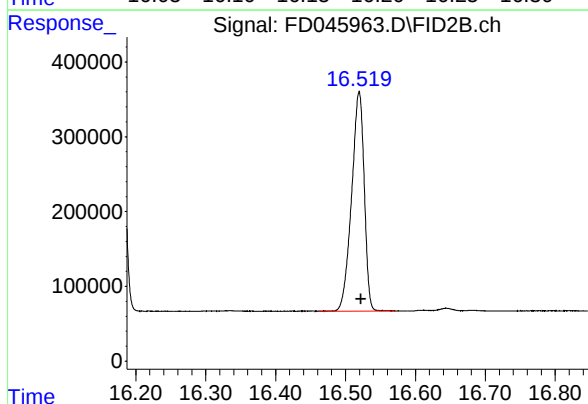
R.T.: 16.178 min
Delta R.T.: 0.000 min
Response: 3758517
Conc: 19.00 ug/ml

Instrument :

FID_D

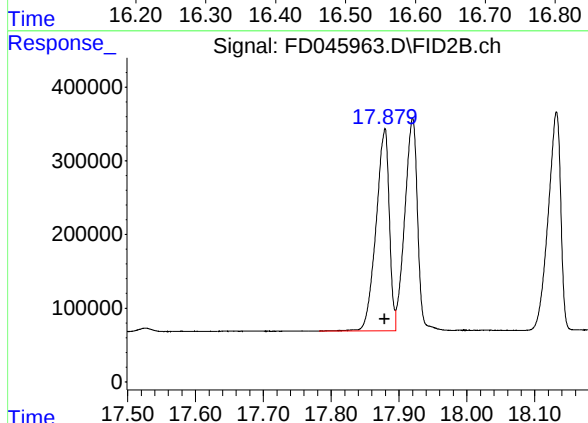
ClientSampleId :

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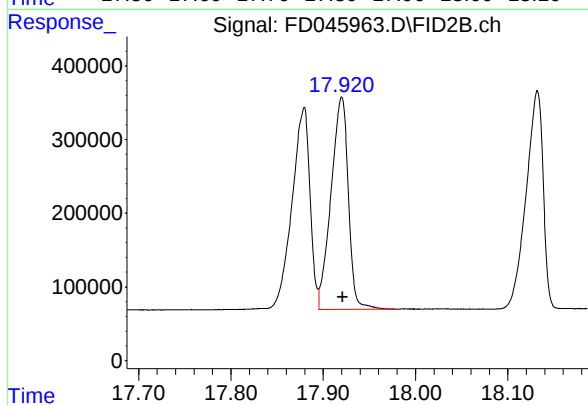
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.519 min
Delta R.T.: -0.003 min
Response: 3680368
Conc: 21.12 ug/ml



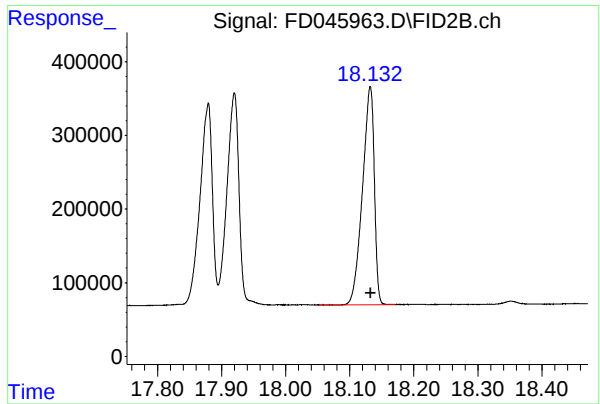
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.878 min
Delta R.T.: 0.000 min
Response: 3723688
Conc: 20.01 ug/ml



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

R.T.: 17.920 min
Delta R.T.: -0.001 min
Response: 3757436
Conc: 20.44 ug/ml



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

R.T.: 18.132 min

Delta R.T.: 0.000 min

Response: 3798624

Conc: 20.33 ug/ml

Instrument :

FID_D

ClientSampleId :

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