

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052425AR\
 Data File : FD049399.D
 Signal(s) : FID2B.ch
 Acq On : 23 May 2025 17:58
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: May 27 03:18:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 03:11:40 2025
 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...	7.737	3616066	21.753 ug/ml
Spiked Amount 50.000		Recovery =	43.51%
6) S 2-Fluorobiphenyl (SURR)	8.603	2500184	21.855 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.71%
11) S ortho-Terphenyl (SURR)	11.649	4388685	21.865 ug/ml
Spiked Amount 50.000		Recovery =	43.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.528	3443795	21.645 ug/ml
2) T Naphthalene (C11.7)	6.072	3809765	21.698 ug/ml
3) T 2-Methylnaphthalene (...)	7.127	3888757	21.768 ug/ml
5) T Acenaphthylene (C15.06)	8.406	4231022	21.842 ug/ml
7) T Acenaphthene (C15.5)	8.703	4150856	21.822 ug/ml
8) T Fluorene (C16.55)	9.484	4274922	21.864 ug/ml
9) T Phenanthrene (C19.36)	10.883	4164708	21.903 ug/ml
10) T Anthracene (C19.43)	10.957	3822300	21.864 ug/ml
12) T Fluoranthene (C21.85)	12.697	3962385	21.967 ug/ml
13) T Pyrene (C20.8)	12.995	3923212	21.981 ug/ml
14) T Benzo[a]anthracene (C...	14.867	3332701	21.927 ug/ml
15) T Chrysene (C27.41)	14.909	3329975	21.929 ug/ml
16) T benzo[b]fluoranthene ...	16.418	3165936	21.872 ug/ml
17) T Bnezo[k]fluoranthene ...	16.451	3134379	21.842 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.797	2963819	21.807 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.161	2755330	21.571 ug/ml
20) T Dibenz[a,h]anthracene...	18.201	2938167	21.825 ug/ml
21) T Benzo[g,h,i]perylene ...	18.418	2939897	21.812 ug/ml

(f)=RT Delta > 1/2 Window

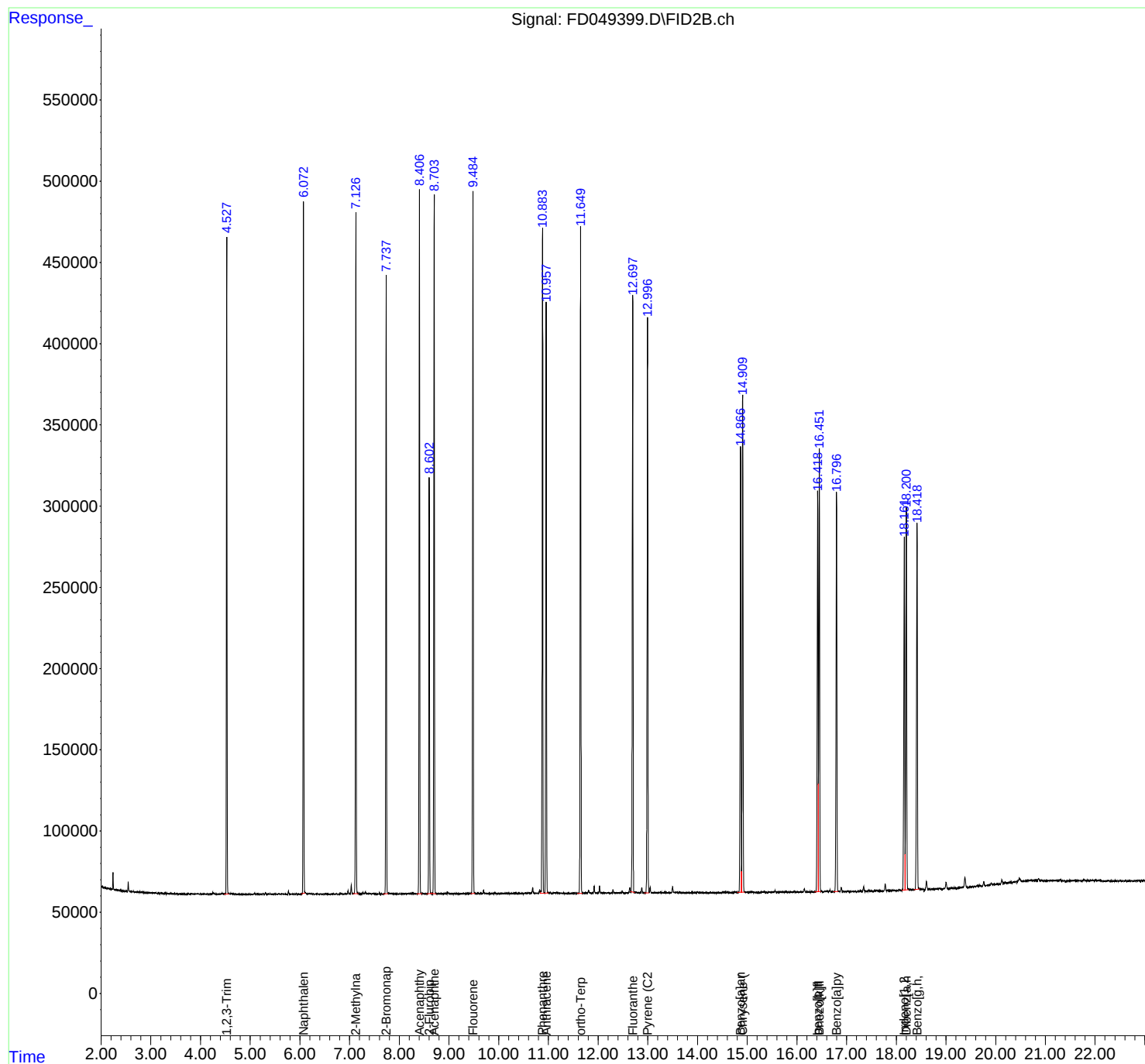
(m)=manual int.

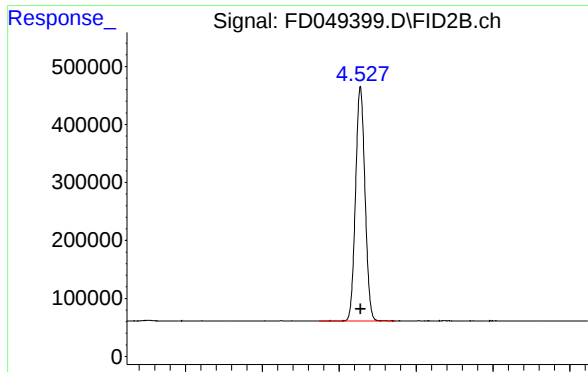
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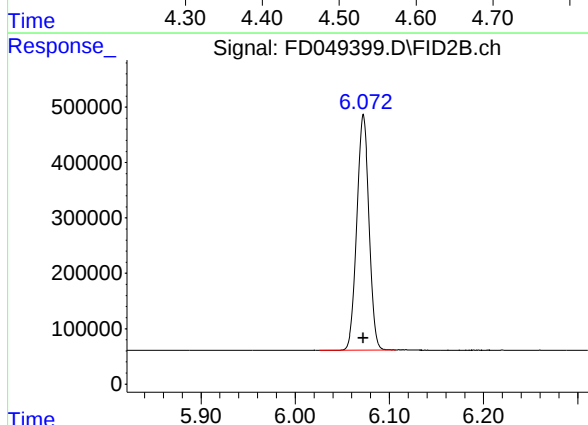




#1 1,2,3-Trimethylbenzene (C10.1)

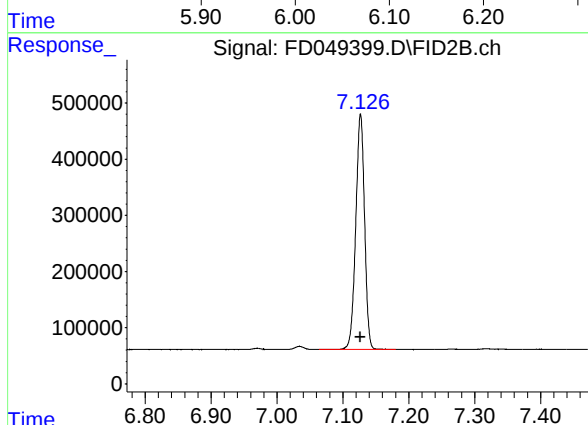
R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 3443795
Conc: 21.64 ug/ml

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20 PPM AROMATIC HC STD ICV



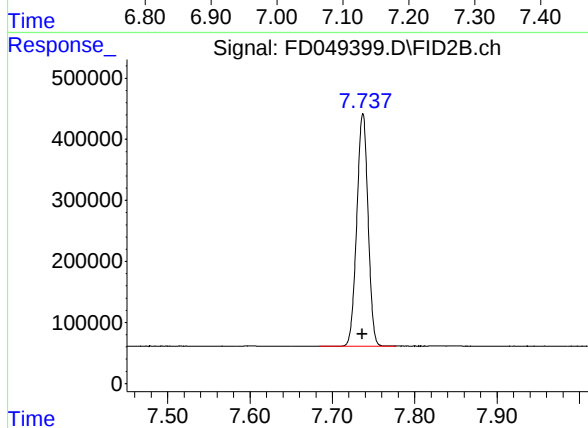
#2 Naphthalene (C11.7)

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 3809765
Conc: 21.70 ug/ml



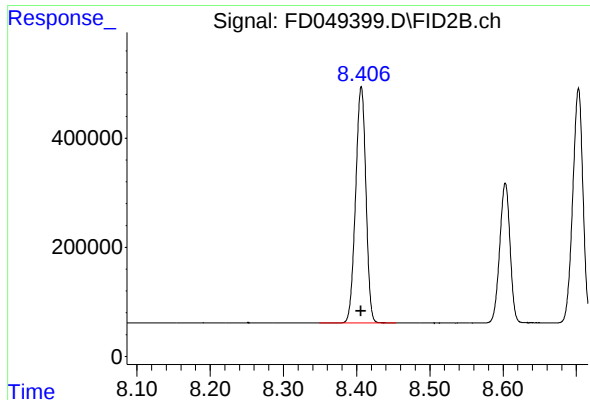
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.127 min
Delta R.T.: 0.000 min
Response: 3888757
Conc: 21.77 ug/ml



#4 2-Bromonaphthalene (SURR)

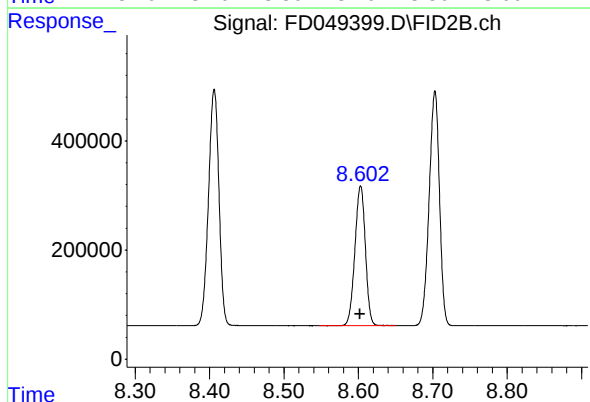
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 3616066
Conc: 21.75 ug/ml



#5 Acenaphthylene (C15.06)

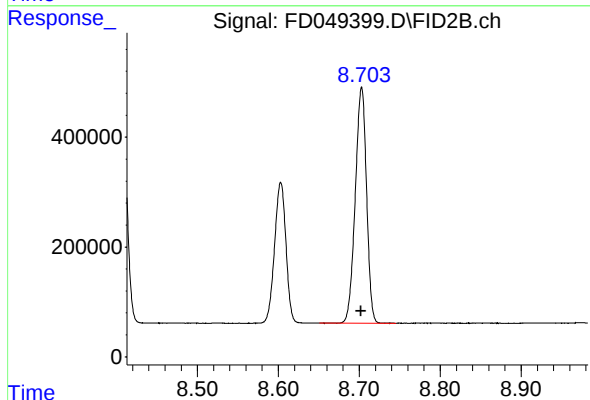
R.T.: 8.406 min
Delta R.T.: 0.000 min
Response: 4231022
Conc: 21.84 ug/ml

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20 PPM AROMATIC HC STD ICV



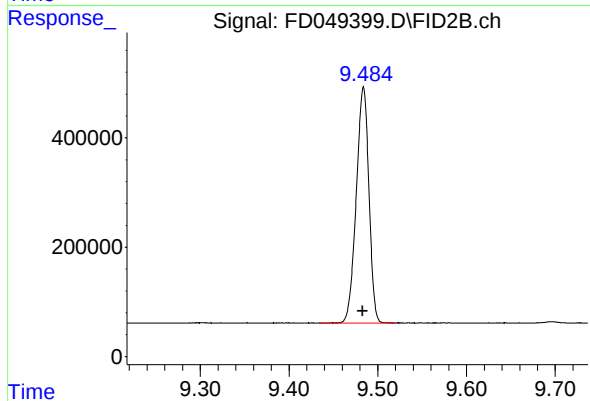
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.603 min
Delta R.T.: 0.000 min
Response: 2500184
Conc: 21.86 ug/ml



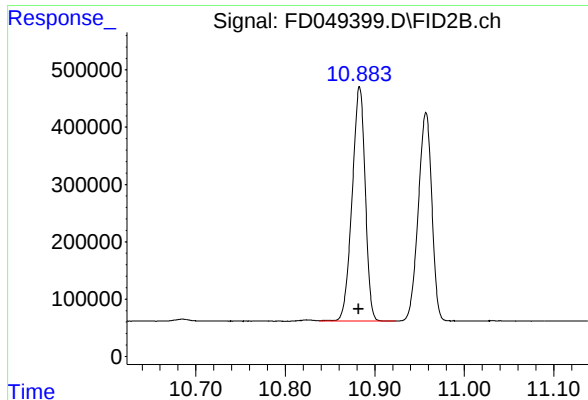
#7 Acenaphthene (C15.5)

R.T.: 8.703 min
Delta R.T.: 0.000 min
Response: 4150856
Conc: 21.82 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.484 min
Delta R.T.: 0.000 min
Response: 4274922
Conc: 21.86 ug/ml



#9 Phenanthrene (C19.36)

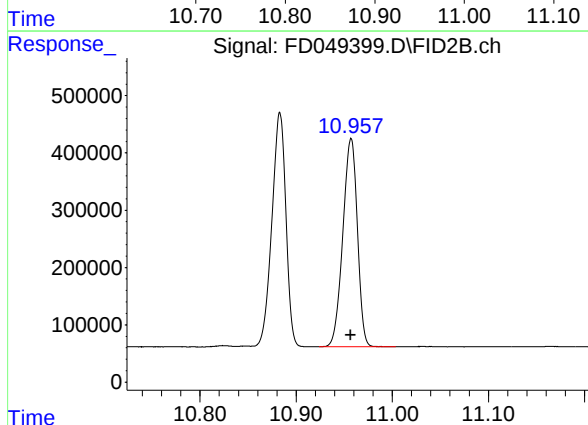
R.T.: 10.883 min
Delta R.T.: 0.000 min
Response: 4164708
Conc: 21.90 ug/ml

Instrument :

FID_D

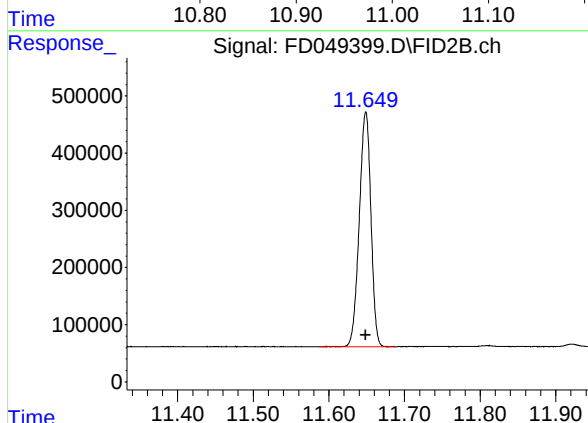
ClientSampleId :

20 PPM AROMATIC HC STD ICV



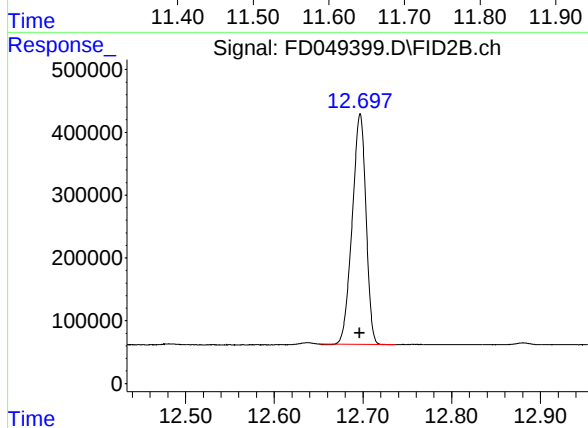
#10 Anthracene (C19.43)

R.T.: 10.957 min
Delta R.T.: 0.000 min
Response: 3822300
Conc: 21.86 ug/ml



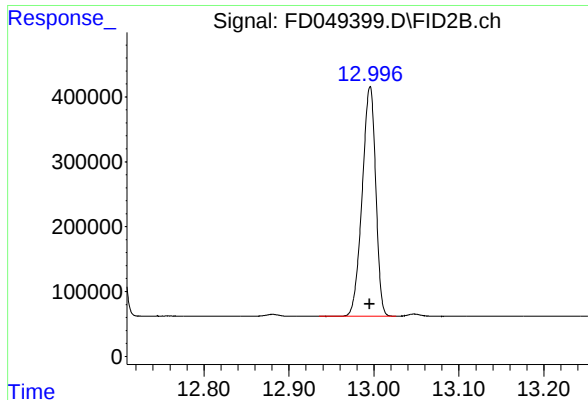
#11 ortho-Terphenyl (SURR)

R.T.: 11.649 min
Delta R.T.: 0.000 min
Response: 4388685
Conc: 21.86 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.697 min
Delta R.T.: 0.000 min
Response: 3962385
Conc: 21.97 ug/ml



#13 Pyrene (C20.8)

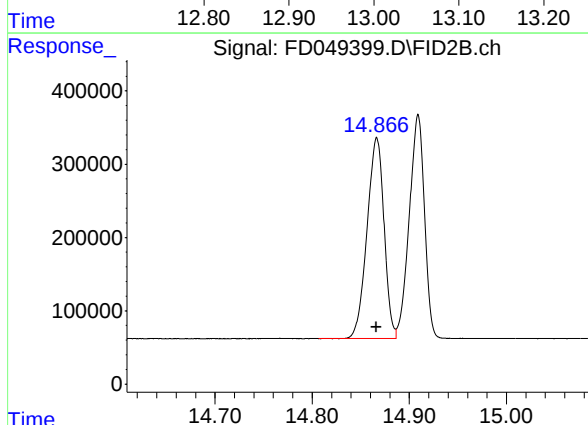
R.T.: 12.995 min
Delta R.T.: 0.000 min
Response: 3923212
Conc: 21.98 ug/ml

Instrument :

FID_D

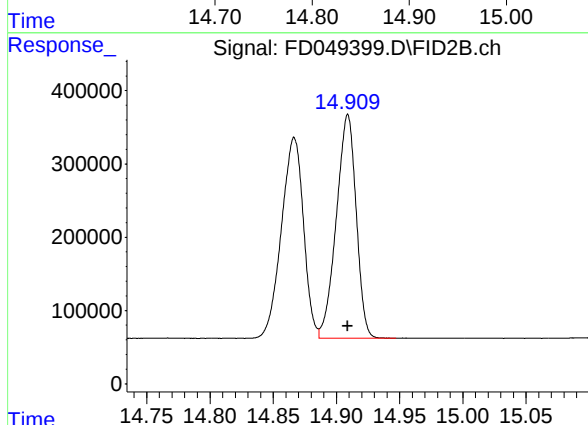
ClientSampleId :

20 PPM AROMATIC HC STD ICV



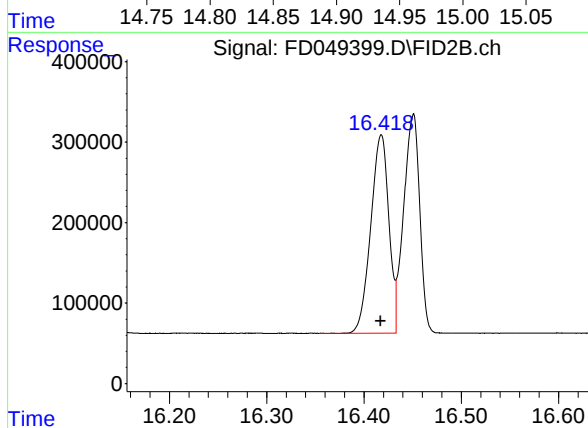
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.867 min
Delta R.T.: 0.000 min
Response: 3332701
Conc: 21.93 ug/ml



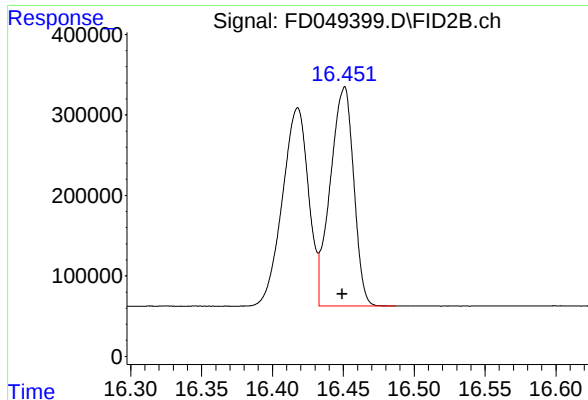
#15 Chrysene (C27.41)

R.T.: 14.909 min
Delta R.T.: 0.000 min
Response: 3329975
Conc: 21.93 ug/ml



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

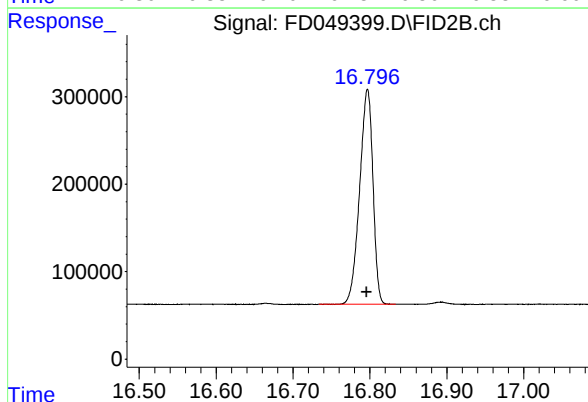
R.T.: 16.418 min
Delta R.T.: 0.000 min
Response: 3165936
Conc: 21.87 ug/ml



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

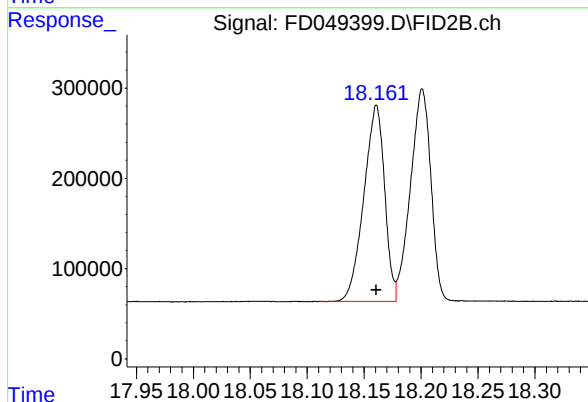
R.T.: 16.451 min
Delta R.T.: 0.001 min
Response: 3134379
Conc: 21.84 ug/ml

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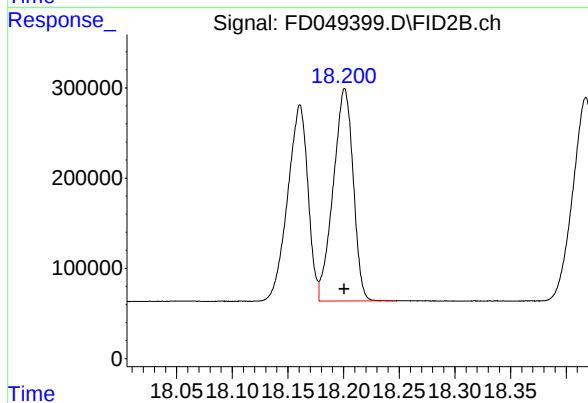
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.797 min
Delta R.T.: 0.000 min
Response: 2963819
Conc: 21.81 ug/ml



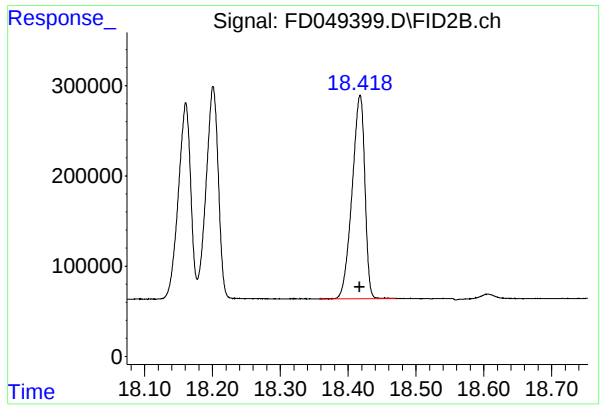
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.161 min
Delta R.T.: 0.000 min
Response: 2755330
Conc: 21.57 ug/ml



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

R.T.: 18.201 min
Delta R.T.: 0.000 min
Response: 2938167
Conc: 21.82 ug/ml



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

R.T.: 18.418 min
Delta R.T.: 0.000 min
Response: 2939897
Conc: 21.81 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD ICV