

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060925AR\
 Data File : FD049414.D
 Signal(s) : FID2B.ch
 Acq On : 09 Jun 2025 12:17
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 10 02:34:44 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...	7.732	2751221	16.550 ug/ml
Spiked Amount 50.000		Recovery =	33.10%
6) S 2-Fluorobiphenyl (SURR)	8.598	1845586	16.133 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	32.27%
11) S ortho-Terphenyl (SURR)	11.643	3271965	16.301 ug/ml
Spiked Amount 50.000		Recovery =	32.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.524	2913320	18.311 ug/ml
2) T Naphthalene (C11.7)	6.069	3153046	17.957 ug/ml
3) T 2-Methylnaphthalene (...)	7.123	3192811	17.872 ug/ml
5) T Acenaphthylene (C15.06)	8.402	3339010	17.237 ug/ml
7) T Acenaphthene (C15.5)	8.698	3323871	17.474 ug/ml
8) T Fluorene (C16.55)	9.479	3223795	16.488 ug/ml
9) T Phenanthrene (C19.36)	10.877	3223992	16.956 ug/ml
10) T Anthracene (C19.43)	10.951	2663597	15.236 ug/ml
12) T Fluoranthene (C21.85)	12.692	3196460	17.721 ug/ml
13) T Pyrene (C20.8)	12.989	3196466	17.909 ug/ml
14) T Benzo[a]anthracene (C...	14.860	2792607	18.374 ug/ml
15) T Chrysene (C27.41)	14.903	2880463	18.968 ug/ml
16) T benzo[b]fluoranthene ...	16.412	2970000	20.519 ug/ml
17) T Bnezo[k]fluoranthene ...	16.445	2781477	19.383 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.791	2890589	21.268 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.155	2646707	20.721 ug/ml
20) T Dibenz[a,h]anthracene...	18.194	2628351	19.524 ug/ml
21) T Benzo[g,h,i]perylene ...	18.412	2907178	21.569 ug/ml

(f)=RT Delta > 1/2 Window

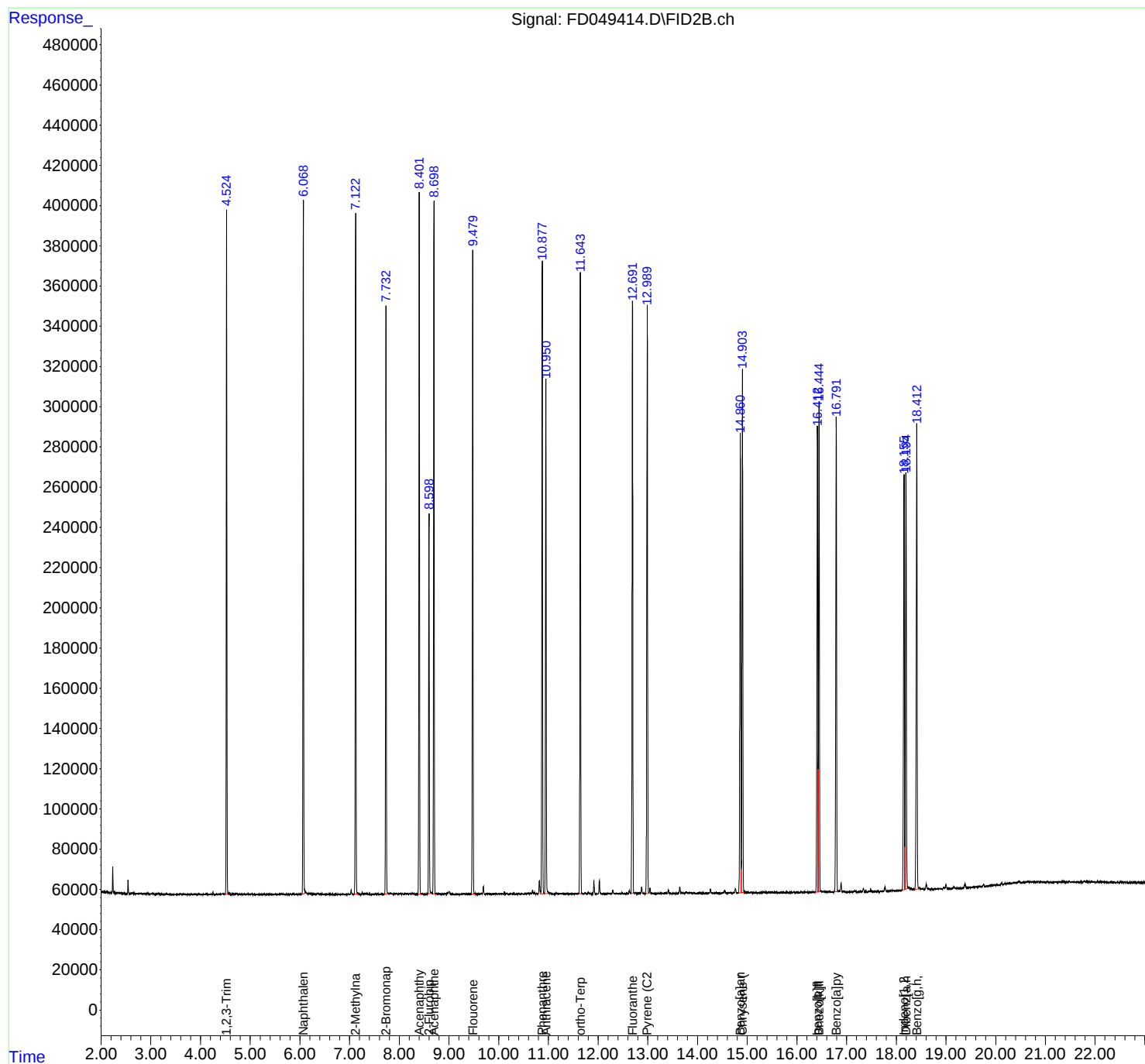
(m)=manual int.

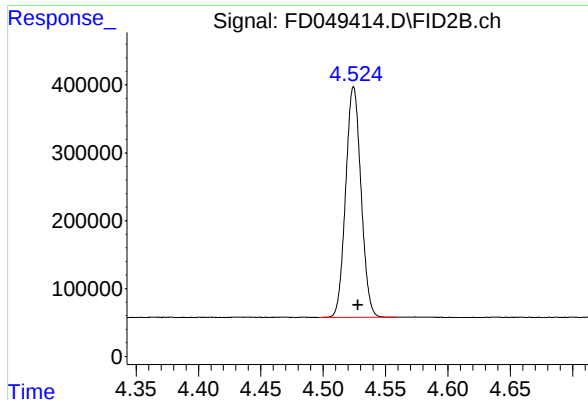
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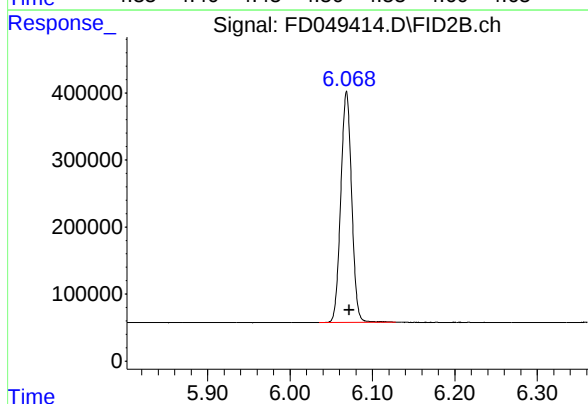




#1 1,2,3-Trimethylbenzene (C10.1)

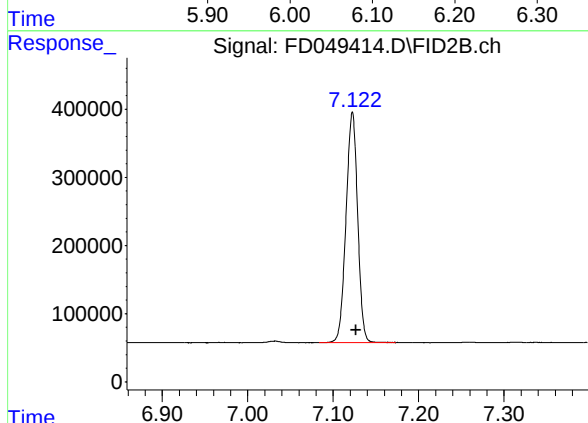
R.T.: 4.524 min
Delta R.T.: -0.004 min
Response: 2913320
Conc: 18.31 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



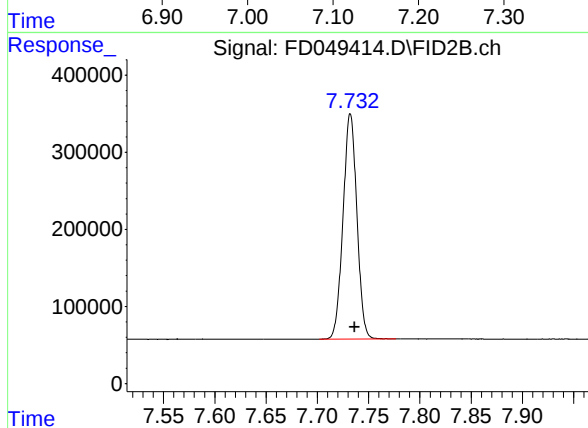
#2 Naphthalene (C11.7)

R.T.: 6.069 min
Delta R.T.: -0.004 min
Response: 3153046
Conc: 17.96 ug/ml



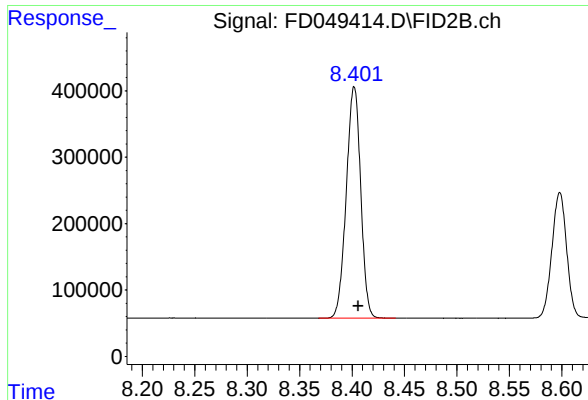
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.123 min
Delta R.T.: -0.004 min
Response: 3192811
Conc: 17.87 ug/ml



#4 2-Bromonaphthalene (SURR)

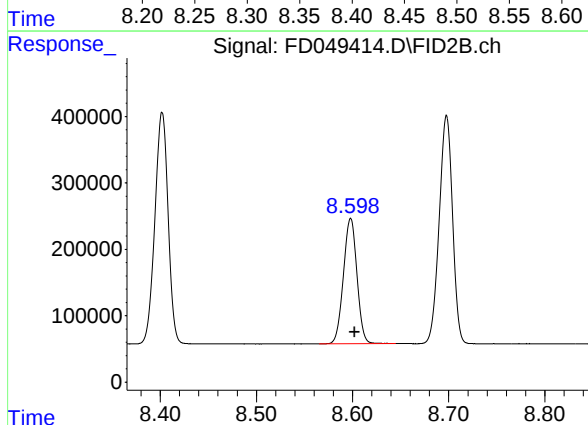
R.T.: 7.732 min
Delta R.T.: -0.004 min
Response: 2751221
Conc: 16.55 ug/ml



#5 Acenaphthylene (C15.06)

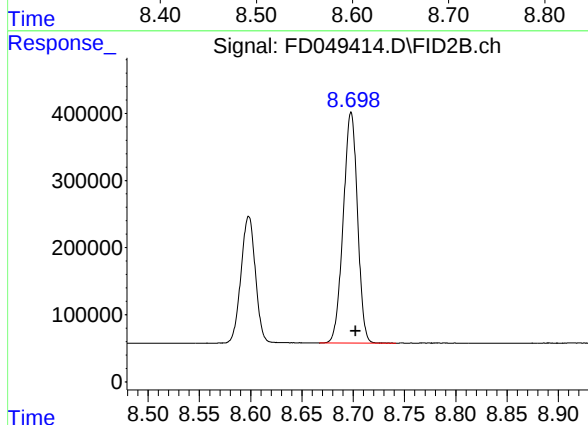
R.T.: 8.402 min
Delta R.T.: -0.004 min
Response: 3339010
Conc: 17.24 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



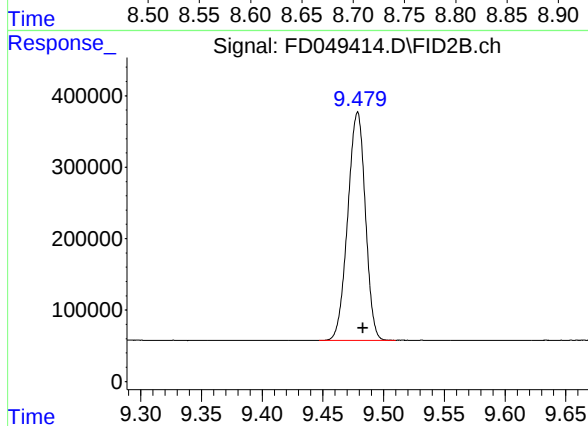
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.598 min
Delta R.T.: -0.004 min
Response: 1845586
Conc: 16.13 ug/ml



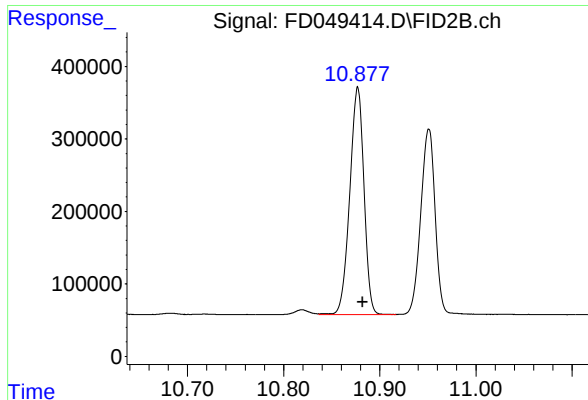
#7 Acenaphthene (C15.5)

R.T.: 8.698 min
Delta R.T.: -0.004 min
Response: 3323871
Conc: 17.47 ug/ml



#8 Fluorene (C16.55)

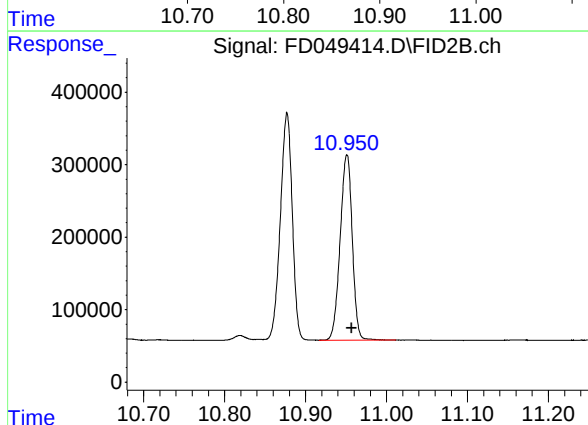
R.T.: 9.479 min
Delta R.T.: -0.004 min
Response: 3223795
Conc: 16.49 ug/ml



#9 Phenanthrene (C19.36)

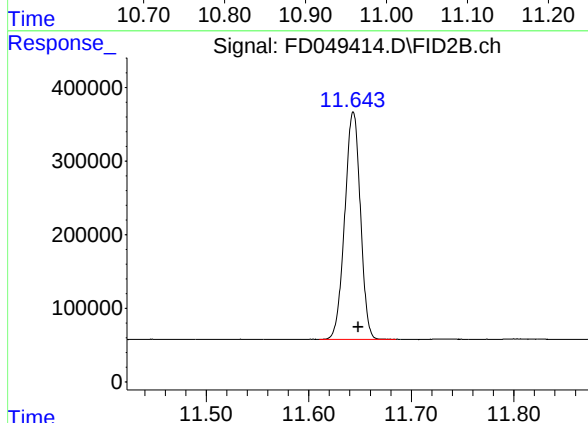
R.T.: 10.877 min
Delta R.T.: -0.005 min
Response: 3223992
Conc: 16.96 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



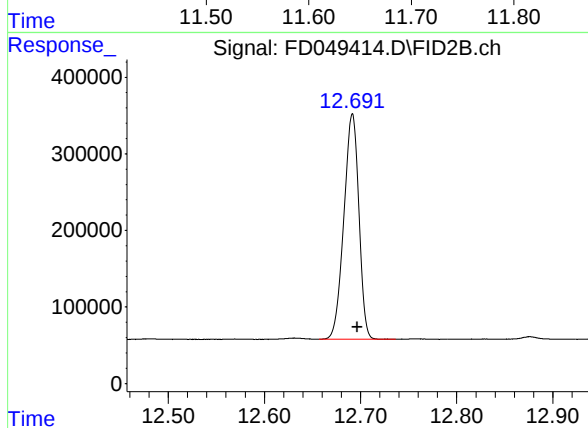
#10 Anthracene (C19.43)

R.T.: 10.951 min
Delta R.T.: -0.006 min
Response: 2663597
Conc: 15.24 ug/ml



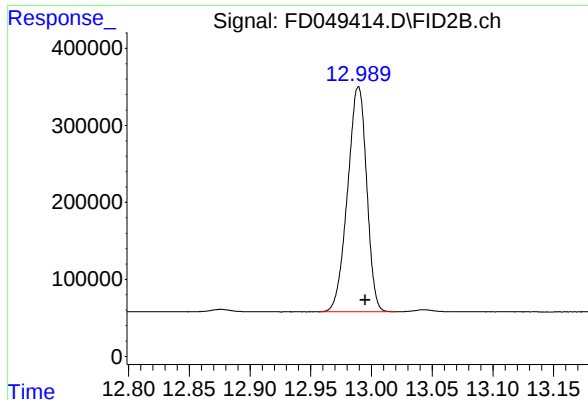
#11 ortho-Terphenyl (SURR)

R.T.: 11.643 min
Delta R.T.: -0.005 min
Response: 3271965
Conc: 16.30 ug/ml



#12 Fluoranthene (C21.85)

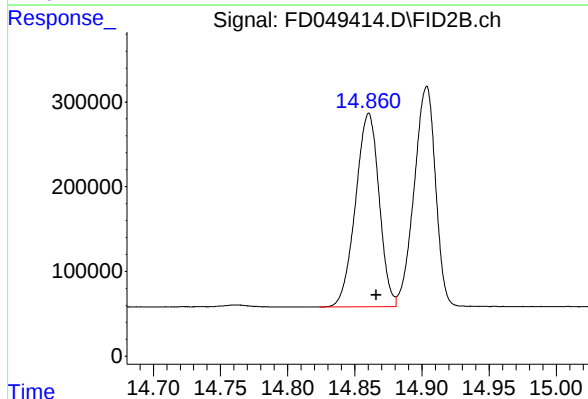
R.T.: 12.692 min
Delta R.T.: -0.005 min
Response: 3196460
Conc: 17.72 ug/ml



#13 Pyrene (C20.8)

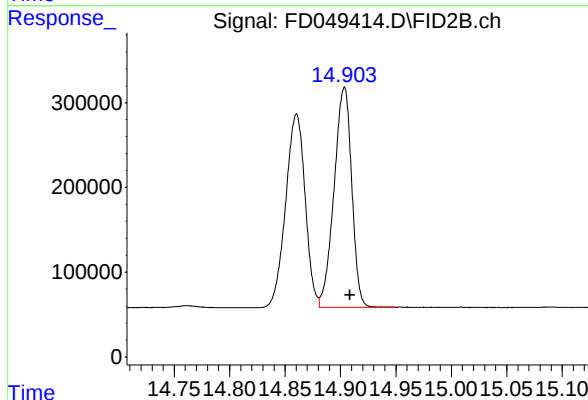
R.T.: 12.989 min
Delta R.T.: -0.005 min
Response: 3196466
Conc: 17.91 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



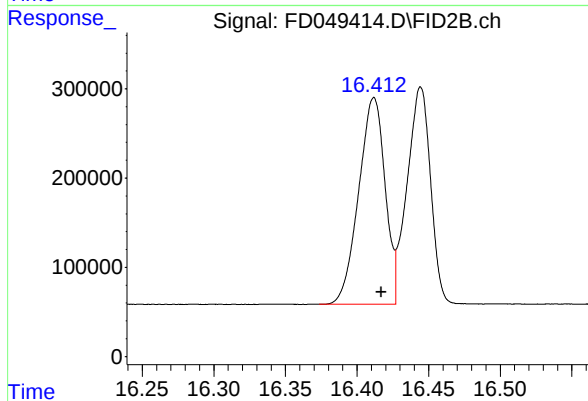
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.860 min
Delta R.T.: -0.006 min
Response: 2792607
Conc: 18.37 ug/ml



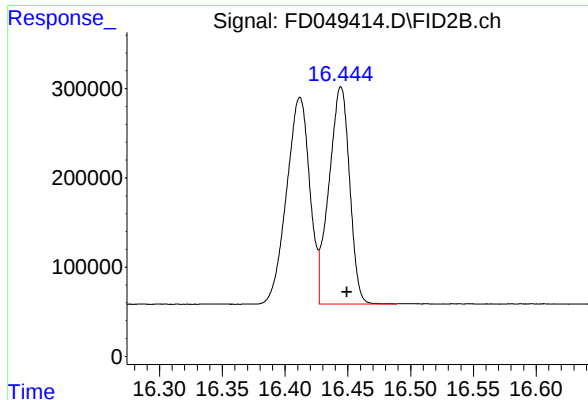
#15 Chrysene (C27.41)

R.T.: 14.903 min
Delta R.T.: -0.005 min
Response: 2880463
Conc: 18.97 ug/ml



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

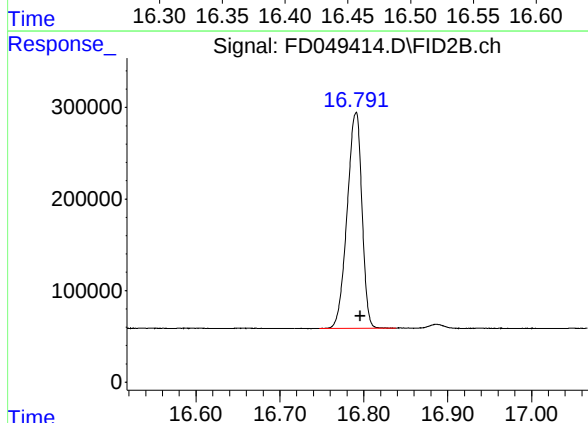
R.T.: 16.412 min
Delta R.T.: -0.005 min
Response: 2970000
Conc: 20.52 ug/ml



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

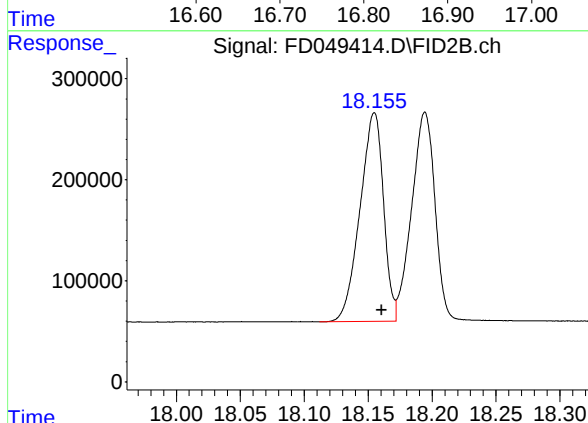
R.T.: 16.445 min
Delta R.T.: -0.005 min
Response: 2781477
Conc: 19.38 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



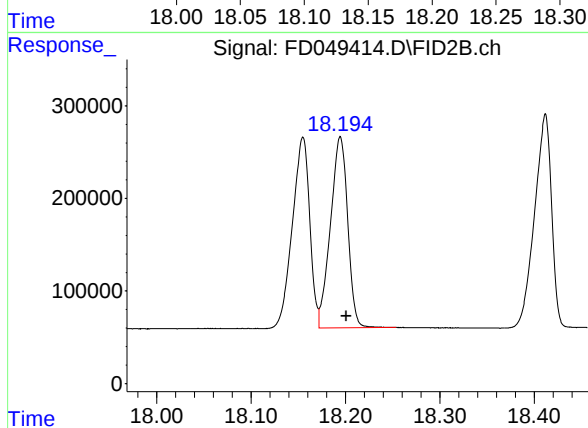
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.791 min
Delta R.T.: -0.005 min
Response: 2890589
Conc: 21.27 ug/ml



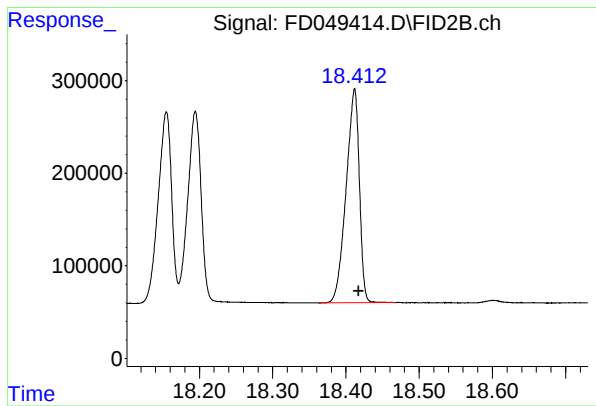
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.155 min
Delta R.T.: -0.006 min
Response: 2646707
Conc: 20.72 ug/ml



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

R.T.: 18.194 min
Delta R.T.: -0.006 min
Response: 2628351
Conc: 19.52 ug/ml



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

R.T.: 18.412 min
Delta R.T.: -0.006 min
Response: 2907178
Conc: 21.57 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD