

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124AR\
 Data File : FF014718.D
 Signal(s) : FID2B.ch
 Acq On : 21 Oct 2024 21:36
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :Ankita Jodhani 10/22/2024

Integration File: autoint1.e
 Quant Time: Oct 22 04:10:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 04:07:29 2024
 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...	7.977	751972	5.327 ug/ml
Spiked Amount 50.000		Recovery =	10.65%
6) S 2-Fluorobiphenyl (SURR)	8.847	497720	5.202 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.40%
11) S ortho-Terphenyl (SURR)	11.910	858884	5.303 ug/ml
Spiked Amount 50.000		Recovery =	10.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.596	802686	5.199 ug/ml
2) T Naphthalene (C11.7)	6.258	844043	5.195 ug/ml
3) T 2-Methylnaphthalene (...)	7.350	850502	5.165 ug/ml
5) T Acenaphthylene (C15.06)	8.648	839093	5.209 ug/ml
7) T Acenaphthene (C15.5)	8.948	841996	5.237 ug/ml
8) T Fluorene (C16.55)	9.735	836283	5.229 ug/ml
9) T Phenanthrene (C19.36)	11.137	825725	5.167 ug/mlm
10) T Anthracene (C19.43)	11.212	797839	5.227 ug/ml
12) T Fluoranthene (C21.85)	12.954	840481	5.263 ug/ml
13) T Pyrene (C20.8)	13.253	826740	5.224 ug/ml
14) T Benzo[a]anthracene (C...	15.127	805162	5.225 ug/ml
15) T Chrysene (C27.41)	15.169	831586	5.323 ug/ml
16) T benzo[b]fluoranthene ...	16.680	805805	5.207 ug/ml
17) T Bnezo[k]fluoranthene ...	16.712	774334	5.312 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.059	791992	5.234 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.425	712044	5.161 ug/ml
20) T Dibenz[a,h]anthracene...	18.467	805632	5.492 ug/ml
21) T Benzo[g,h,i]perylene ...	18.679	750689	5.176 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Data File : FF014718.D
Signal(s) : FID2B.ch
Acq On : 21 Oct 2024 21:36
Operator : YP\AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 25 Sample Multiplier: 1

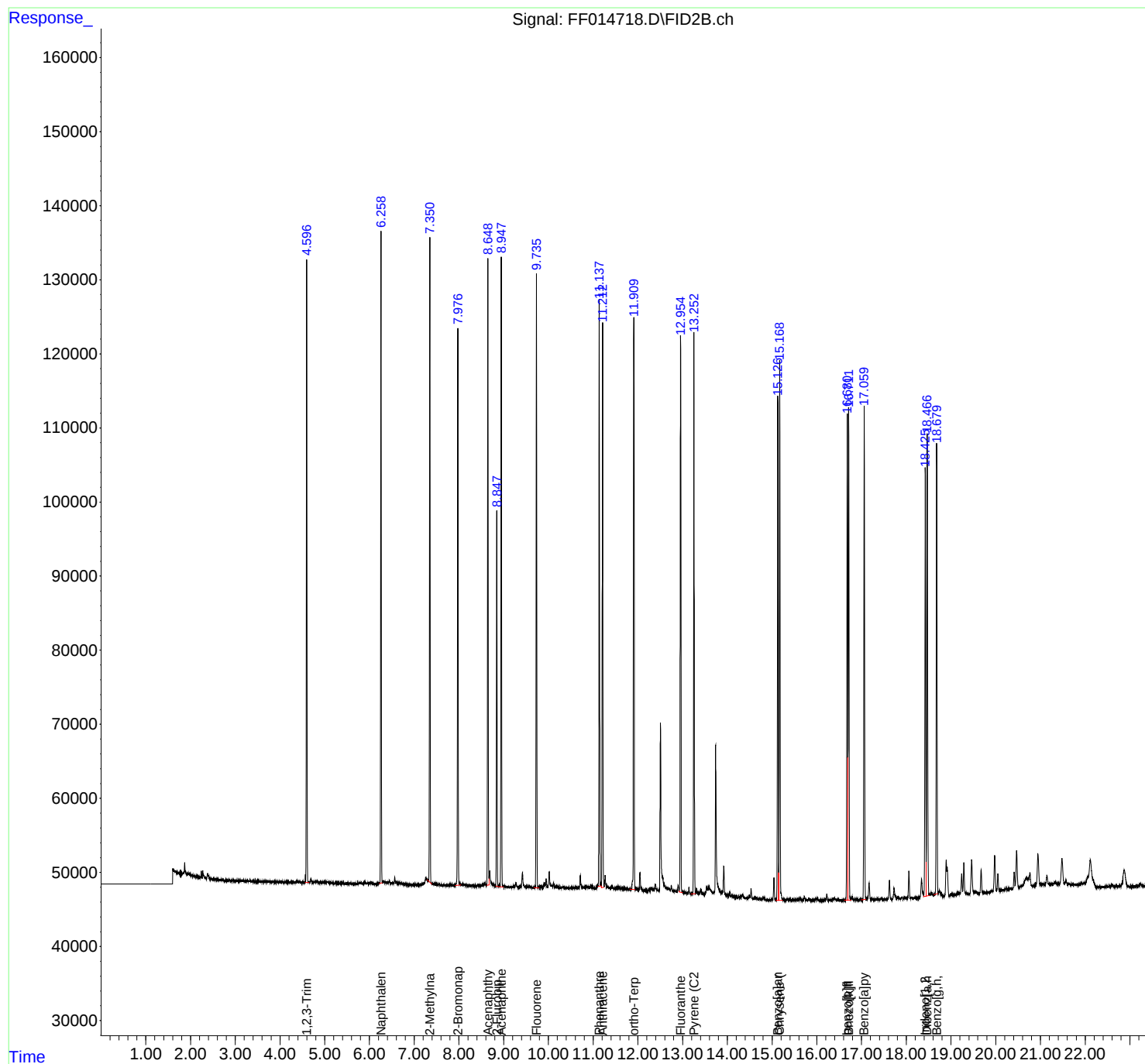
Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

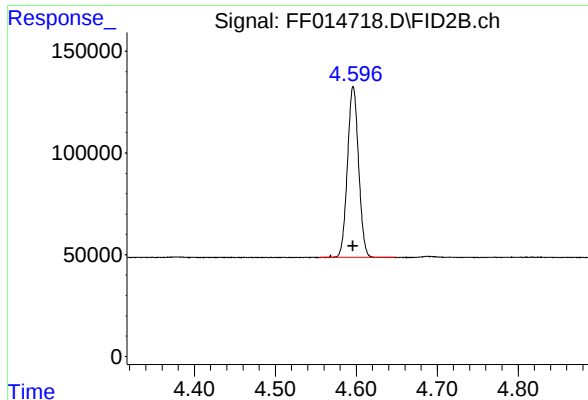
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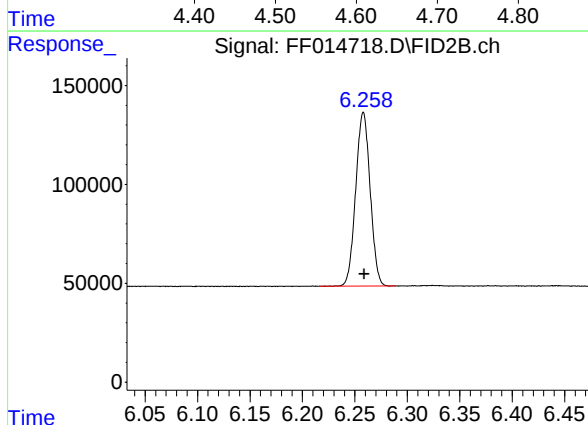
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.596 min
Delta R.T.: 0.000 min
Response: 802686
Conc: 5.20 ug/ml

Instrument : FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

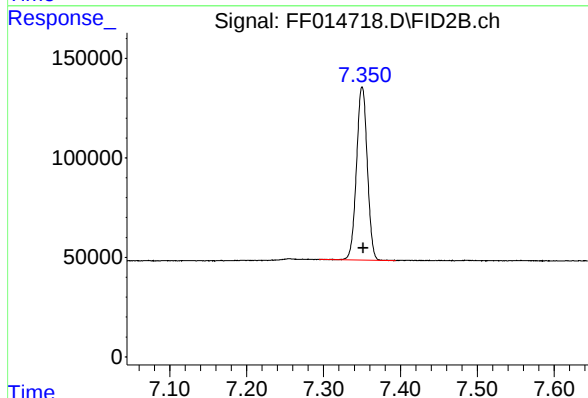
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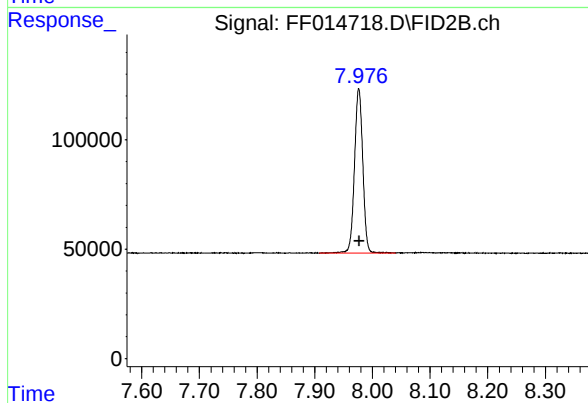
#2 Naphthalene (C11.7)

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 844043
Conc: 5.19 ug/ml



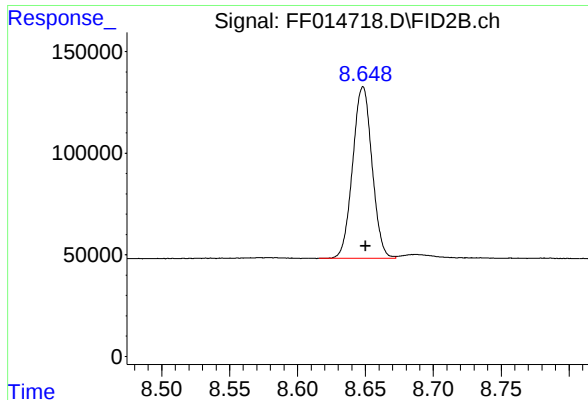
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.350 min
Delta R.T.: -0.001 min
Response: 850502
Conc: 5.17 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.977 min
Delta R.T.: 0.000 min
Response: 751972
Conc: 5.33 ug/ml



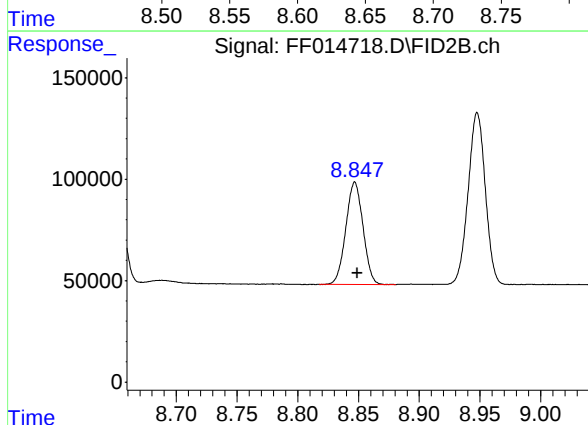
#5 Acenaphthylene (C15.06)

R.T.: 8.648 min
Delta R.T.: -0.002 min
Response: 839093
Conc: 5.21 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

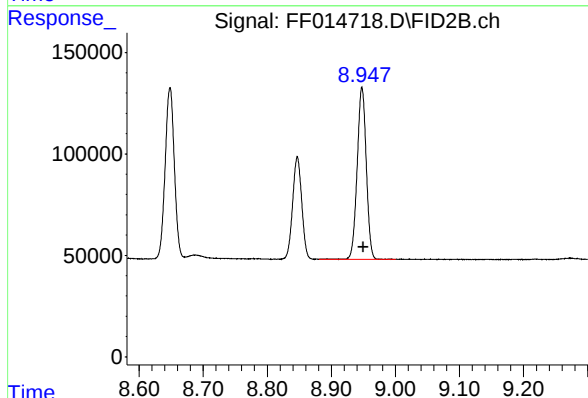
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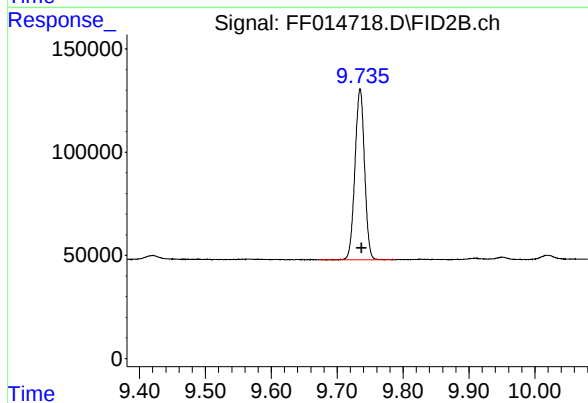
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.847 min
Delta R.T.: -0.002 min
Response: 497720
Conc: 5.20 ug/ml



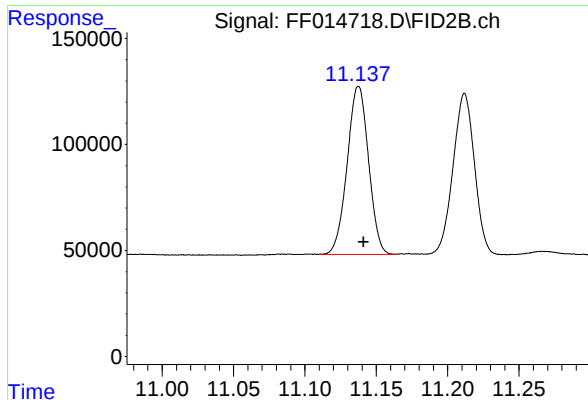
#7 Acenaphthene (C15.5)

R.T.: 8.948 min
Delta R.T.: -0.002 min
Response: 841996
Conc: 5.24 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.735 min
Delta R.T.: -0.002 min
Response: 836283
Conc: 5.23 ug/ml



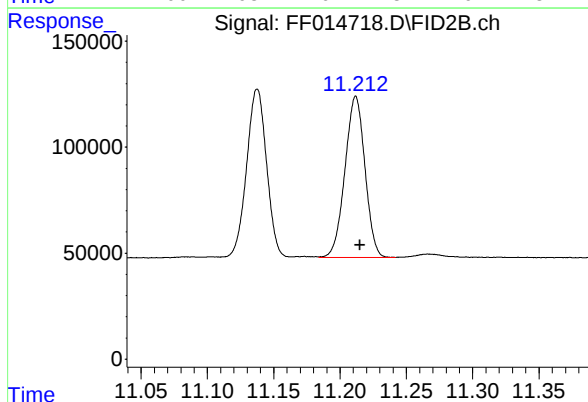
#9 Phenanthrene (C19.36)

R.T.: 11.137 min
Delta R.T.: -0.004 min
Response: 825725
Conc: 5.17 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

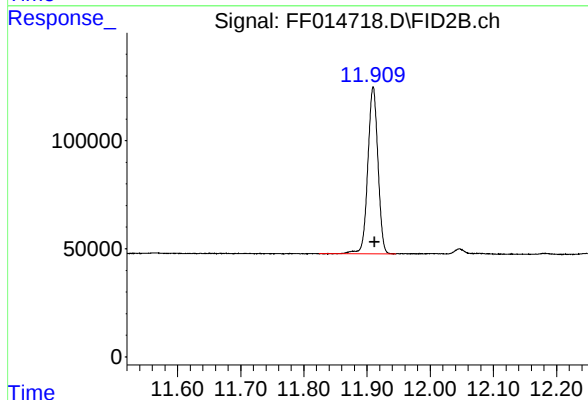
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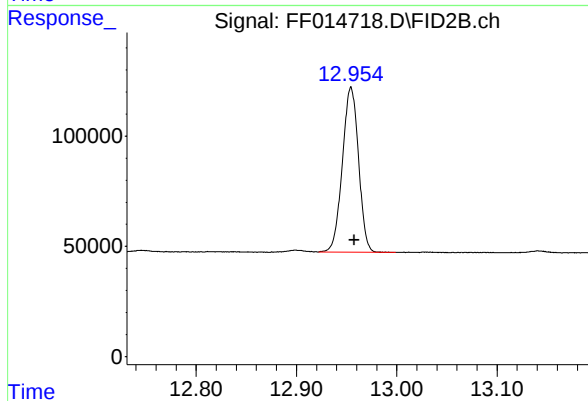
#10 Anthracene (C19.43)

R.T.: 11.212 min
Delta R.T.: -0.003 min
Response: 797839
Conc: 5.23 ug/ml



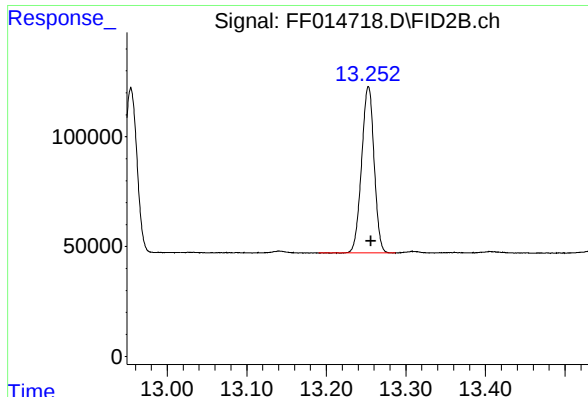
#11 ortho-Terphenyl (SURR)

R.T.: 11.910 min
Delta R.T.: -0.002 min
Response: 858884
Conc: 5.30 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.954 min
Delta R.T.: -0.003 min
Response: 840481
Conc: 5.26 ug/ml



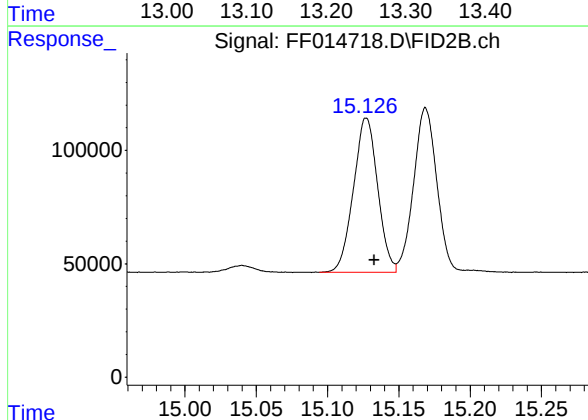
#13 Pyrene (C20.8)

R.T.: 13.253 min
Delta R.T.: -0.003 min
Response: 826740
Conc: 5.22 ug/ml

Instrument : FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

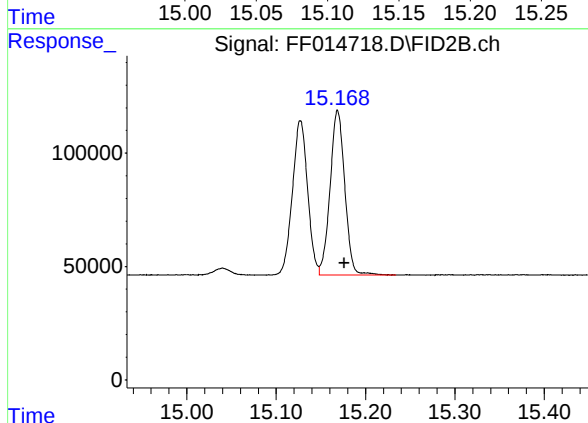
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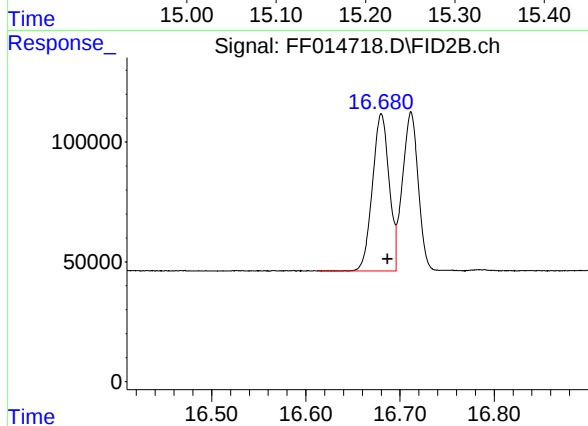
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.127 min
Delta R.T.: -0.006 min
Response: 805162
Conc: 5.23 ug/ml



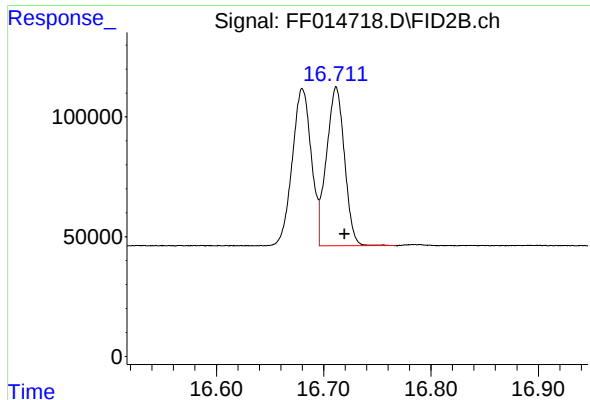
#15 Chrysene (C27.41)

R.T.: 15.169 min
Delta R.T.: -0.007 min
Response: 831586
Conc: 5.32 ug/ml



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

R.T.: 16.680 min
Delta R.T.: -0.006 min
Response: 805805
Conc: 5.21 ug/ml



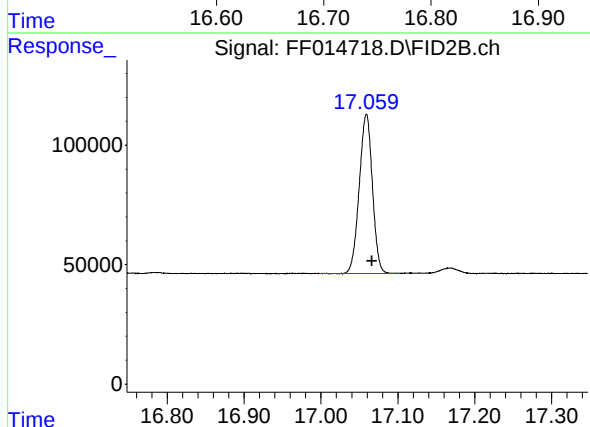
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.712 min
Delta R.T.: -0.008 min
Response: 774334
Conc: 5.31 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5

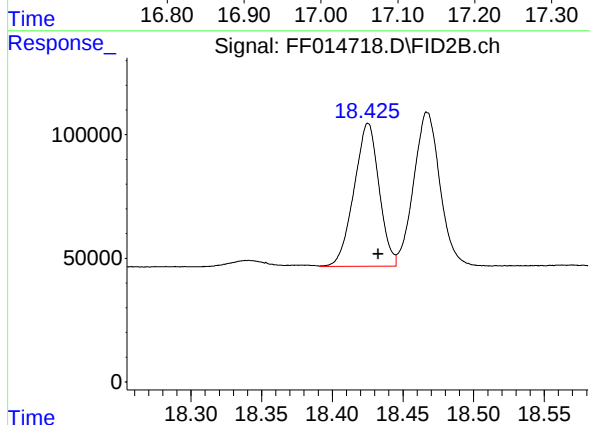
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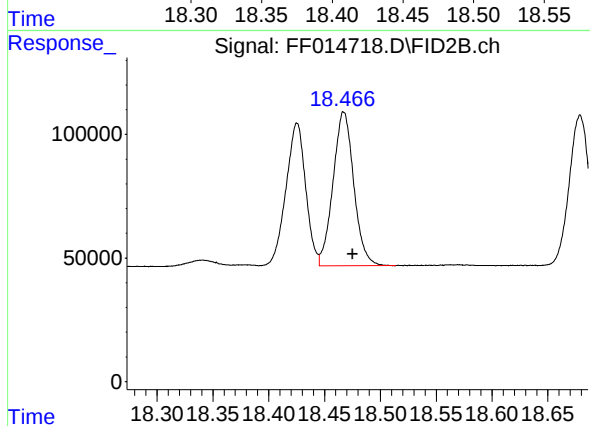
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.059 min
Delta R.T.: -0.007 min
Response: 791992
Conc: 5.23 ug/ml



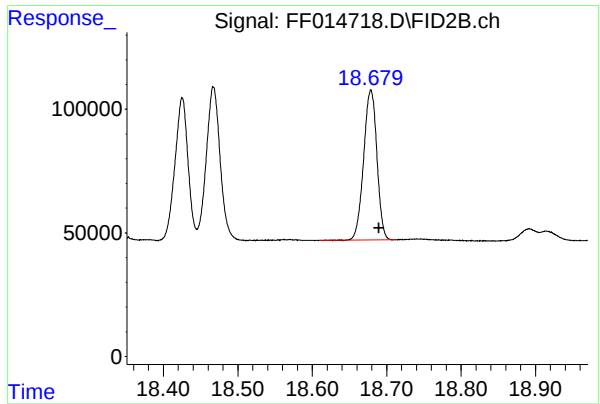
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.425 min
Delta R.T.: -0.007 min
Response: 712044
Conc: 5.16 ug/ml



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

R.T.: 18.467 min
Delta R.T.: -0.008 min
Response: 805632
Conc: 5.49 ug/ml



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

R.T.: 18.679 min
Delta R.T.: -0.011 min
Response: 750689
Conc: 5.18 ug/ml

Instrument :

FID_F

ClientSampleId :

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