

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111524AR\
 Data File : FF015048.D
 Signal(s) : FID2B.ch
 Acq On : 14 Nov 2024 19:55
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Nov 15 02:04:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 111524.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 15 02:02:38 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...	7.990	2307596	18.897 ug/ml
Spiked Amount 50.000		Recovery =	37.79%
6) S 2-Fluorobiphenyl (SURR)	8.863	1548832	18.971 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.94%
11) S ortho-Terphenyl (SURR)	11.924	2541843	18.948 ug/ml
Spiked Amount 50.000		Recovery =	37.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.608	2544338	18.781 ug/ml
2) T Naphthalene (C11.7)	6.272	2614528	18.933 ug/ml
3) T 2-Methylnaphthalene (...)	7.365	2547059	18.886 ug/ml
5) T Acenaphthylene (C15.06)	8.664	2585134	18.931 ug/ml
7) T Acenaphthene (C15.5)	8.963	2529120	18.924 ug/ml
8) T Fluorene (C16.55)	9.751	2528998	18.946 ug/ml
9) T Phenanthrene (C19.36)	11.156	2429410	18.919 ug/ml
10) T Anthracene (C19.43)	11.231	2382894	18.890 ug/ml
12) T Fluoranthene (C21.85)	12.975	2366132	18.921 ug/ml
13) T Pyrene (C20.8)	13.274	2342086	18.959 ug/ml
14) T Benzo[a]anthracene (C...	15.151	2224057	18.760 ug/ml
15) T Chrysene (C27.41)	15.194	2235234	18.718 ug/ml
16) T benzo[b]fluoranthene ...	16.709	2259609	18.707 ug/ml
17) T Bnezo[k]fluoranthene ...	16.741	2254846	18.730 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.089	2178925	18.698 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.458	2181342	18.401 ug/ml
20) T Dibenz[a,h]anthracene...	18.498	2329278	18.221 ug/ml
21) T Benzo[g,h,i]perylene ...	18.715	2422583	18.672 ug/ml

(f)=RT Delta > 1/2 Window

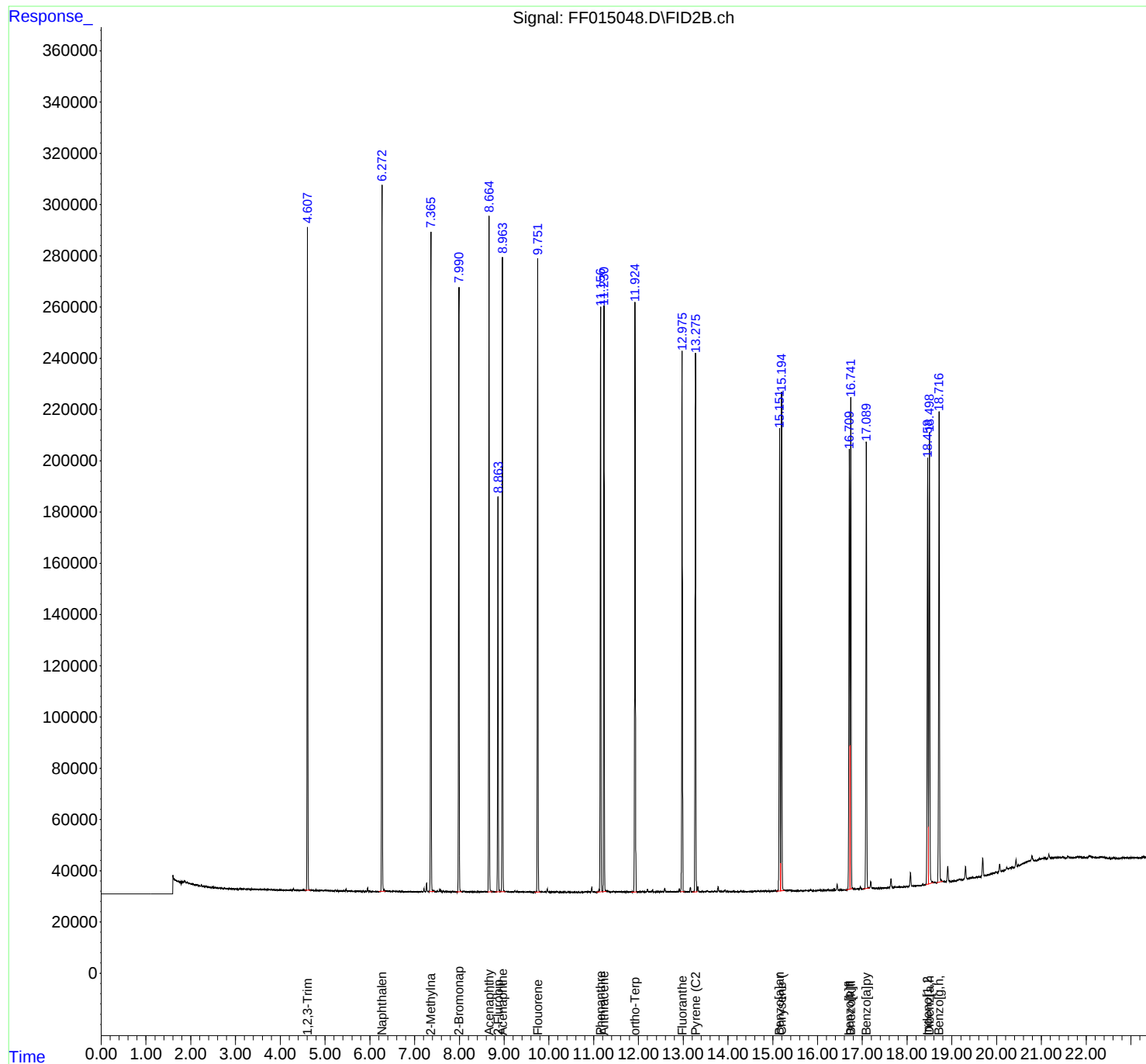
(m)=manual int.

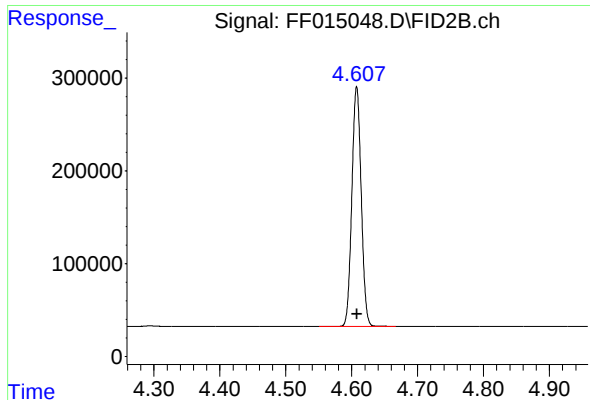
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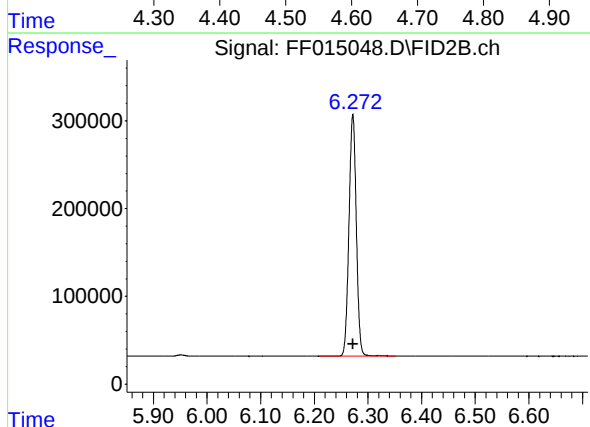




#1 1,2,3-Trimethylbenzene (C10.1)

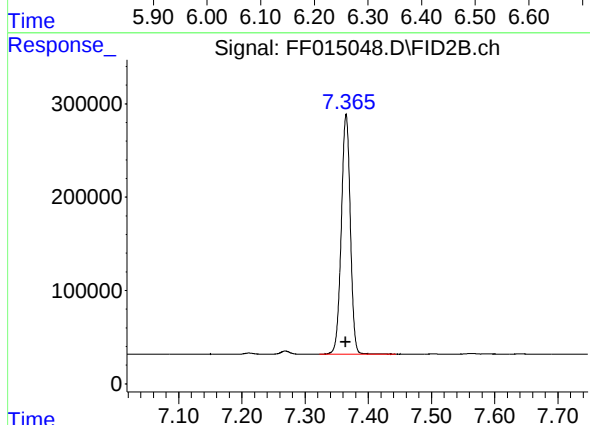
R.T.: 4.608 min
Delta R.T.: 0.000 min
Response: 2544338
Conc: 18.78 ug/ml

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FID_F
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20 PPM AROMATIC HC STD ICV



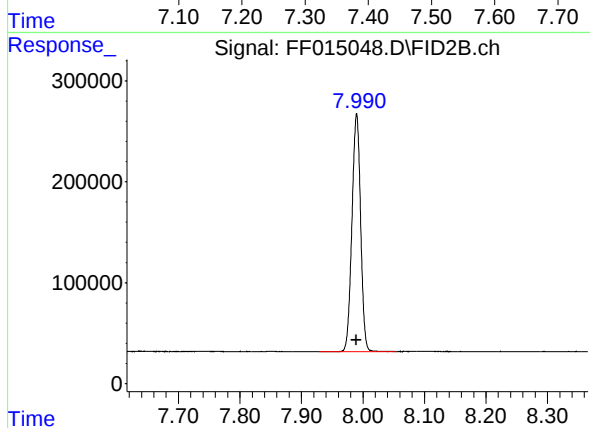
#2 Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 2614528
Conc: 18.93 ug/ml



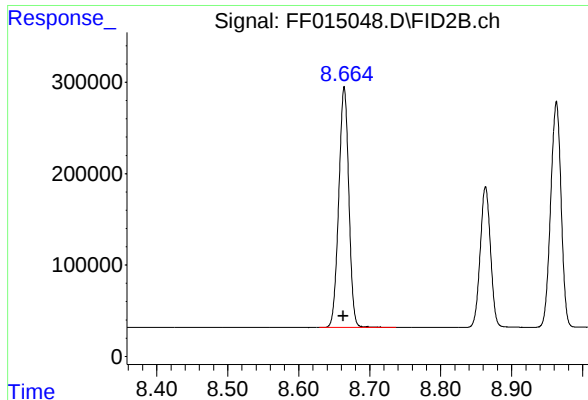
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.365 min
Delta R.T.: 0.000 min
Response: 2547059
Conc: 18.89 ug/ml



#4 2-Bromonaphthalene (SURR)

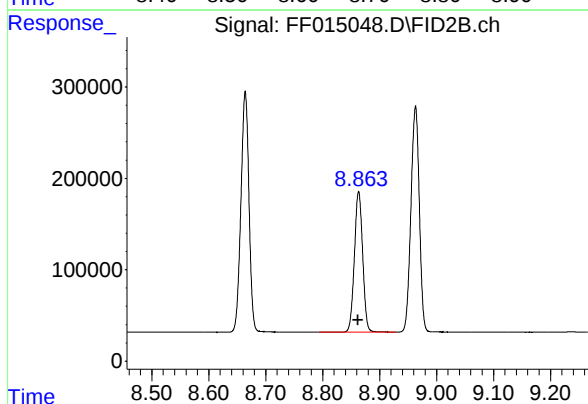
R.T.: 7.990 min
Delta R.T.: 0.000 min
Response: 2307596
Conc: 18.90 ug/ml



#5 Acenaphthylene (C15.06)

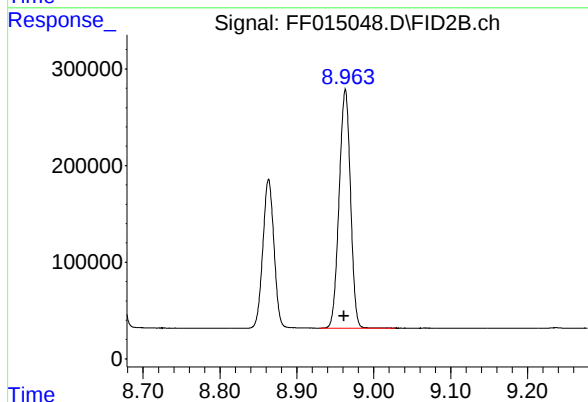
R.T.: 8.664 min
Delta R.T.: 0.001 min
Response: 2585134
Conc: 18.93 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD ICV



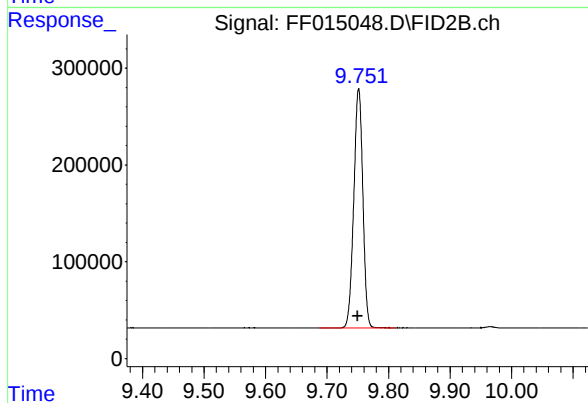
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.863 min
Delta R.T.: 0.000 min
Response: 1548832
Conc: 18.97 ug/ml



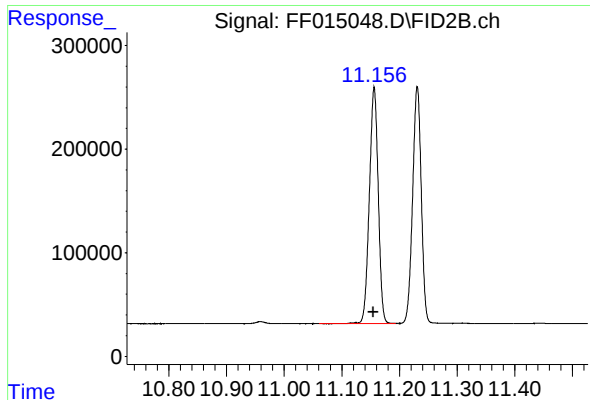
#7 Acenaphthene (C15.5)

R.T.: 8.963 min
Delta R.T.: 0.002 min
Response: 2529120
Conc: 18.92 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.751 min
Delta R.T.: 0.002 min
Response: 2528998
Conc: 18.95 ug/ml



#9 Phenanthrene (C19.36)

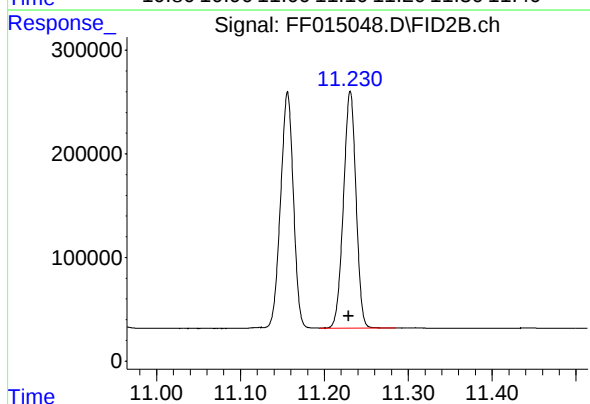
R.T.: 11.156 min
Delta R.T.: 0.001 min
Response: 2429410
Conc: 18.92 ug/ml

Instrument :

FID_F

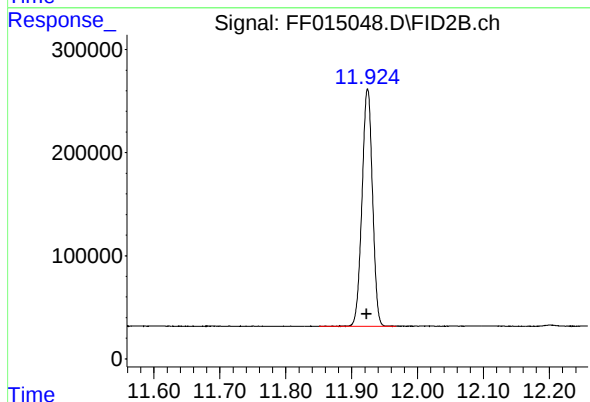
ClientSampleId :

20 PPM AROMATIC HC STD ICV



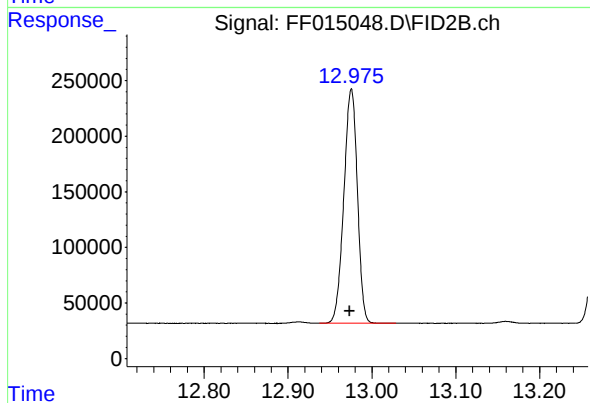
#10 Anthracene (C19.43)

R.T.: 11.231 min
Delta R.T.: 0.002 min
Response: 2382894
Conc: 18.89 ug/ml



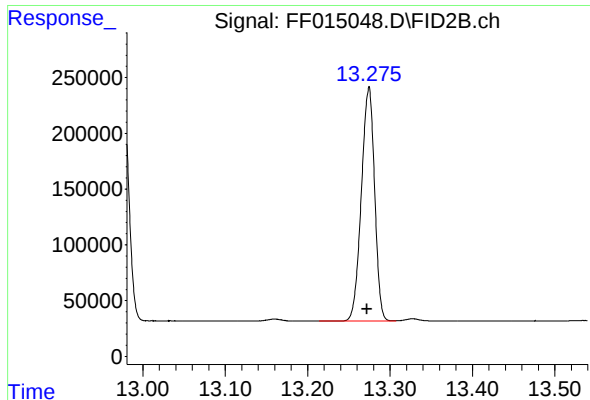
#11 ortho-Terphenyl (SURR)

R.T.: 11.924 min
Delta R.T.: 0.001 min
Response: 2541843
Conc: 18.95 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.975 min
Delta R.T.: 0.002 min
Response: 2366132
Conc: 18.92 ug/ml



#13 Pyrene (C20.8)

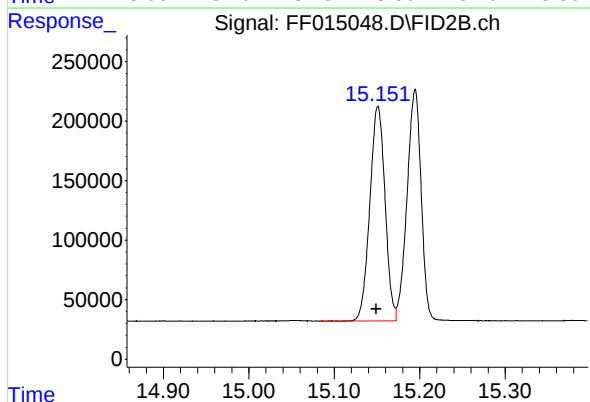
R.T.: 13.274 min
Delta R.T.: 0.002 min
Response: 2342086
Conc: 18.96 ug/ml

Instrument :

FID_F

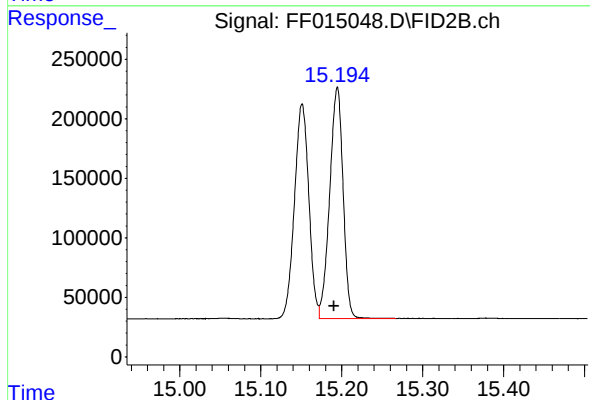
ClientSampleId :

20 PPM AROMATIC HC STD ICV



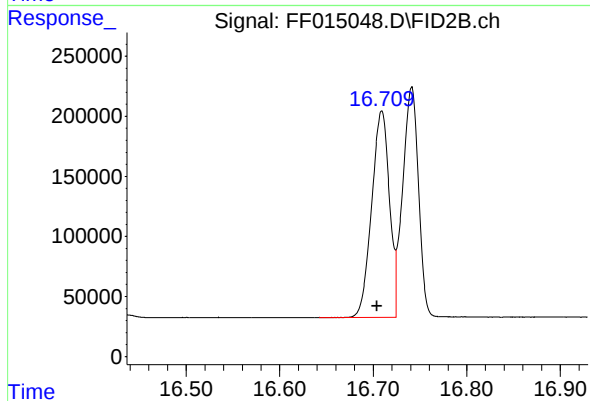
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.151 min
Delta R.T.: 0.002 min
Response: 2224057
Conc: 18.76 ug/ml



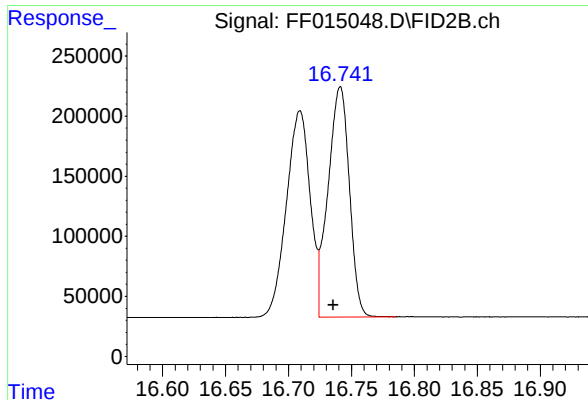
#15 Chrysene (C27.41)

R.T.: 15.194 min
Delta R.T.: 0.004 min
Response: 2235234
Conc: 18.72 ug/ml



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

R.T.: 16.709 min
Delta R.T.: 0.005 min
Response: 2259609
Conc: 18.71 ug/ml



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

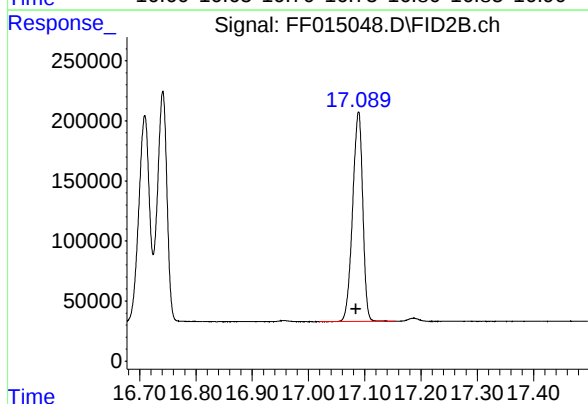
R.T.: 16.741 min
Delta R.T.: 0.005 min
Response: 2254846
Conc: 18.73 ug/ml

Instrument :

FID_F

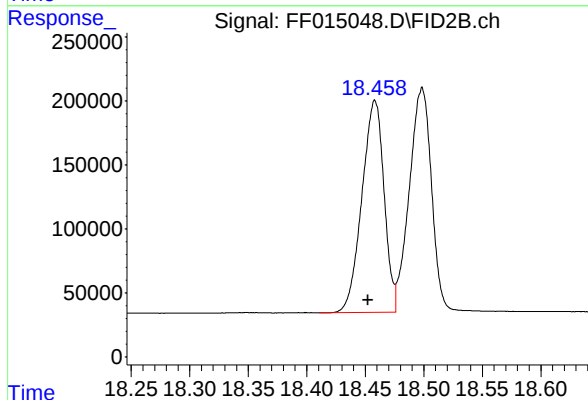
ClientSampleId :

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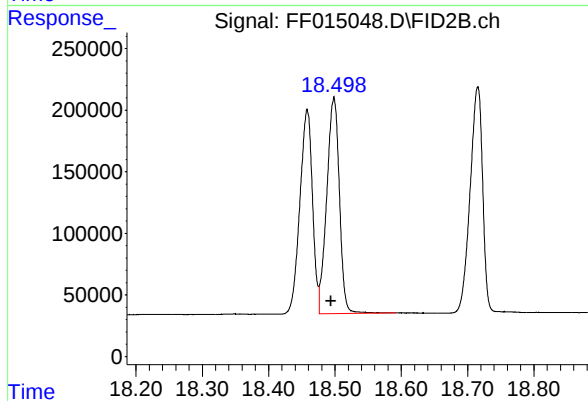
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.089 min
Delta R.T.: 0.005 min
Response: 2178925
Conc: 18.70 ug/ml



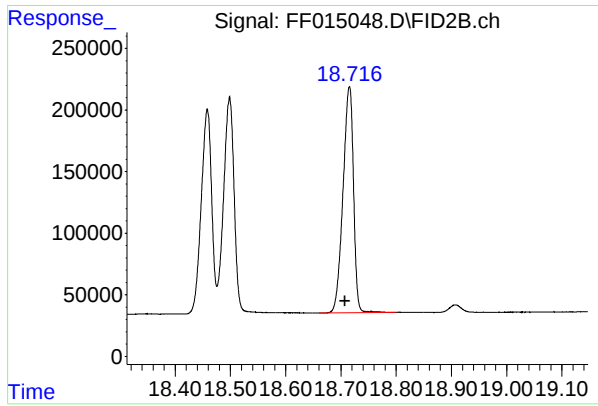
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.458 min
Delta R.T.: 0.006 min
Response: 2181342
Conc: 18.40 ug/ml



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

R.T.: 18.498 min
Delta R.T.: 0.004 min
Response: 2329278
Conc: 18.22 ug/ml



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

R.T.: 18.715 min

Delta R.T.: 0.008 min

Response: 2422583

Conc: 18.67 ug/ml

Instrument :

FID_F

ClientSampleId :

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