

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AR\
 Data File : FF015242.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 20:39
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jan 15 07:01:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 15 06:59:49 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...	7.989	610289	4.469 ug/ml
Spiked Amount 50.000		Recovery =	8.94%
6) S 2-Fluorobiphenyl (SURR)	8.861	364751	4.172 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.34%
11) S ortho-Terphenyl (SURR)	11.921	892597	5.059 ug/ml
Spiked Amount 50.000		Recovery =	10.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.603	825147	5.047 ug/ml
2) T Naphthalene (C11.7)	6.269	789640	4.799 ug/ml
3) T 2-Methylnaphthalene (...)	7.362	756966	4.620 ug/ml
5) T Acenaphthylene (C15.06)	8.661	759771	4.628 ug/ml
7) T Acenaphthene (C15.5)	8.959	793818	4.714 ug/ml
8) T Fluorene (C16.55)	9.748	761825	4.695 ug/ml
9) T Phenanthrene (C19.36)	11.152	794849	4.837 ug/ml
10) T Anthracene (C19.43)	11.227	745852	4.909 ug/ml
12) T Fluoranthene (C21.85)	12.970	853770	5.050 ug/ml
13) T Pyrene (C20.8)	13.269	819344	4.911 ug/ml
14) T Benzo[a]anthracene (C...	15.147	744827	4.870 ug/ml
15) T Chrysene (C27.41)	15.188	810280	5.140 ug/ml
16) T benzo[b]fluoranthene ...	16.703	734955	4.843 ug/ml
17) T Bnezo[k]fluoranthene ...	16.733	729393	5.095 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.084	717031	4.960 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.454	599225	4.677 ug/ml
20) T Dibenz[a,h]anthracene...	18.497	843394	5.552 ug/ml
21) T Benzo[g,h,i]perylene ...	18.707	673965	4.900 ug/ml

(f)=RT Delta > 1/2 Window

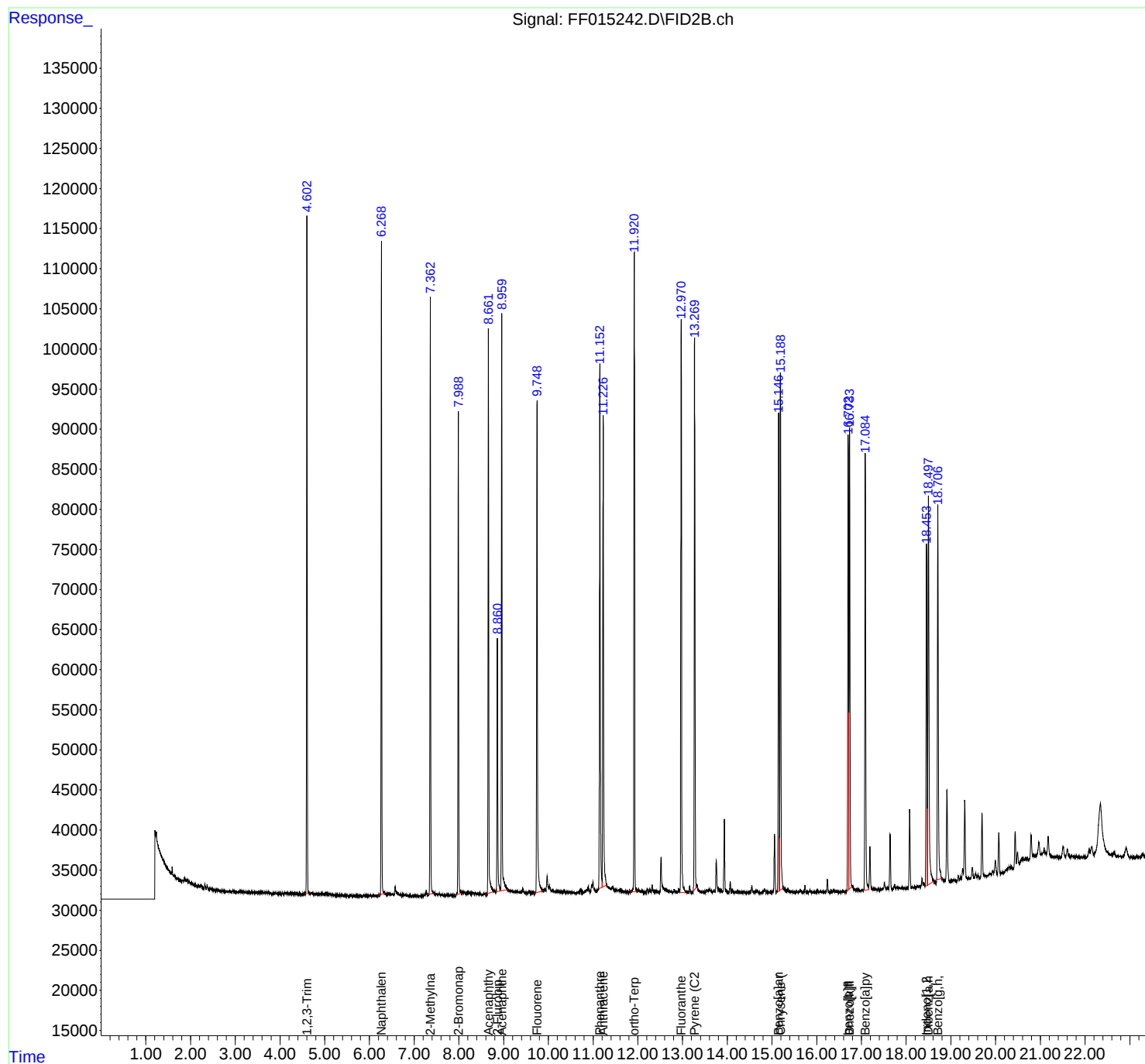
(m)=manual int.

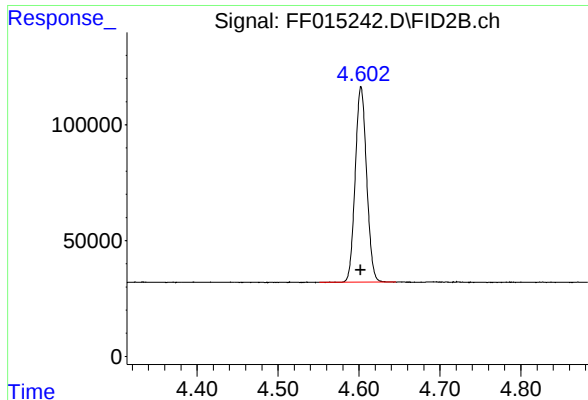
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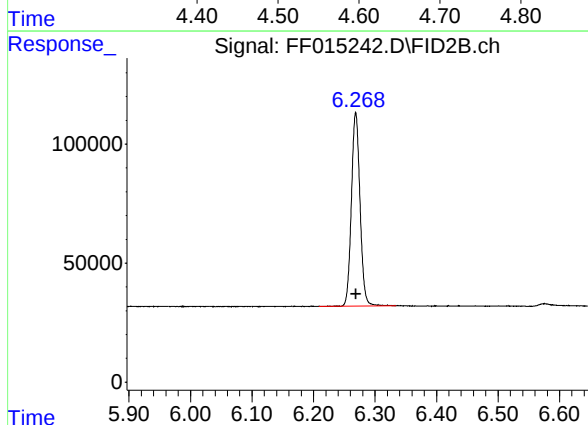




#1 1,2,3-Trimethylbenzene (C10.1)

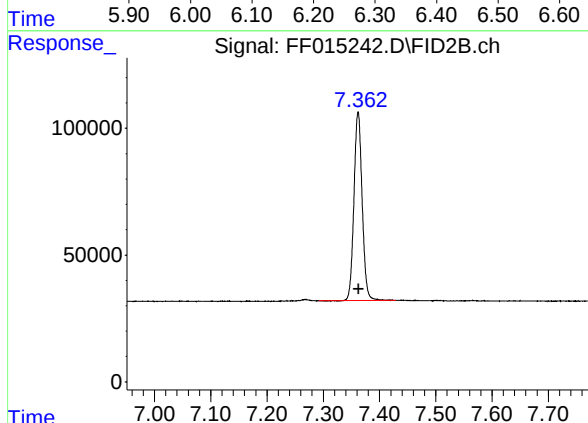
R.T.: 4.603 min
Delta R.T.: 0.000 min
Response: 825147
Conc: 5.05 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



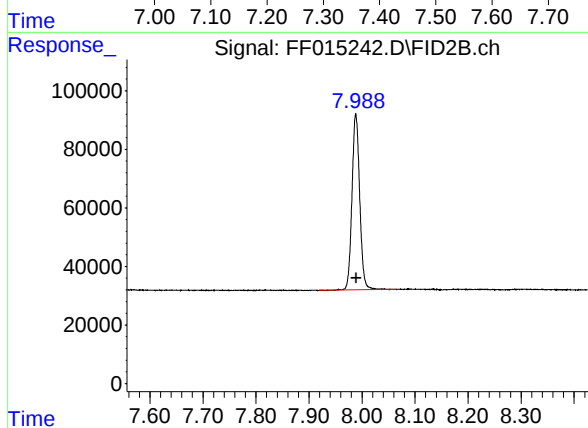
#2 Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 789640
Conc: 4.80 ug/ml



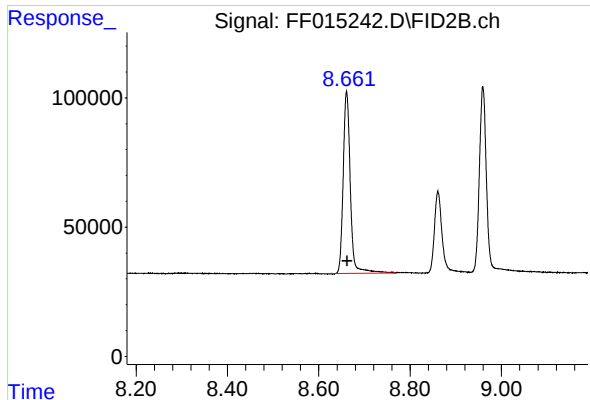
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.362 min
Delta R.T.: -0.001 min
Response: 756966
Conc: 4.62 ug/ml



#4 2-Bromonaphthalene (SURR)

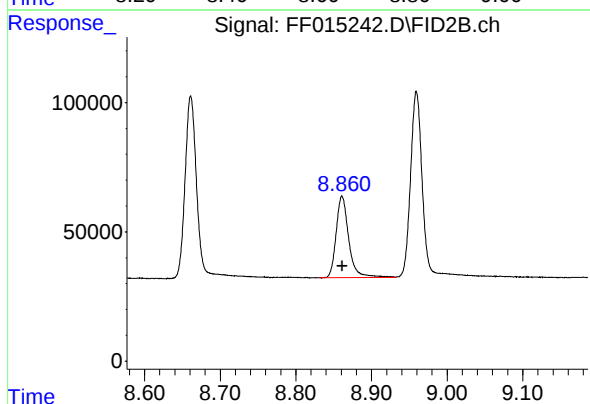
R.T.: 7.989 min
Delta R.T.: 0.000 min
Response: 610289
Conc: 4.47 ug/ml



#5 Acenaphthylene (C15.06)

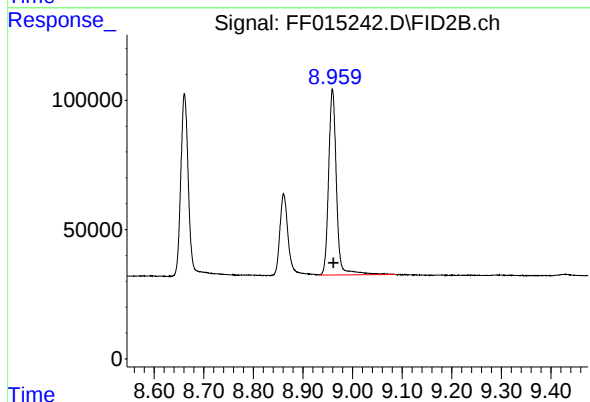
R.T.: 8.661 min
Delta R.T.: -0.001 min
Response: 759771
Conc: 4.63 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



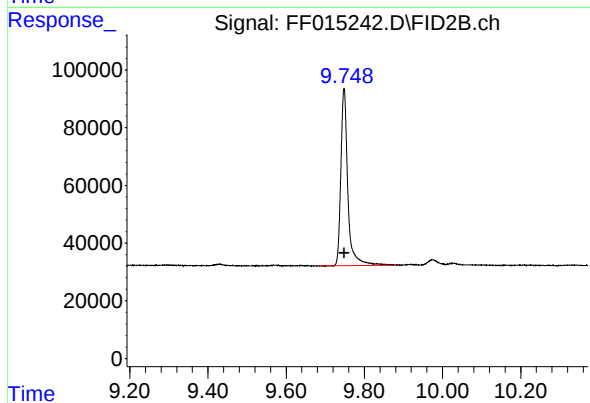
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.861 min
Delta R.T.: 0.000 min
Response: 364751
Conc: 4.17 ug/ml



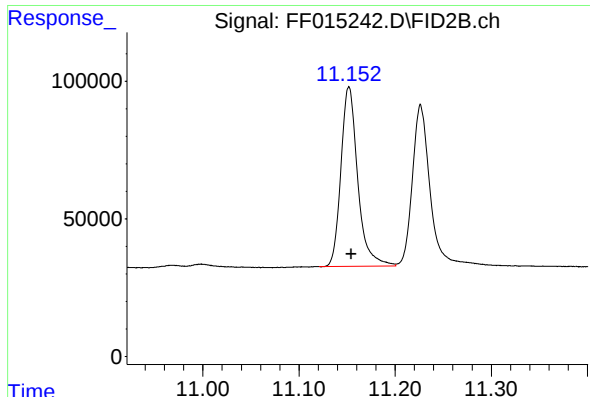
#7 Acenaphthene (C15.5)

R.T.: 8.959 min
Delta R.T.: -0.002 min
Response: 793818
Conc: 4.71 ug/ml



#8 Flouorene (C16.55)

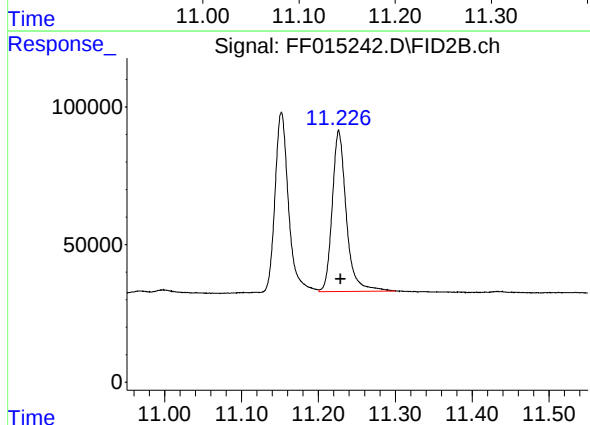
R.T.: 9.748 min
Delta R.T.: -0.001 min
Response: 761825
Conc: 4.70 ug/ml



#9 Phenanthrene (C19.36)

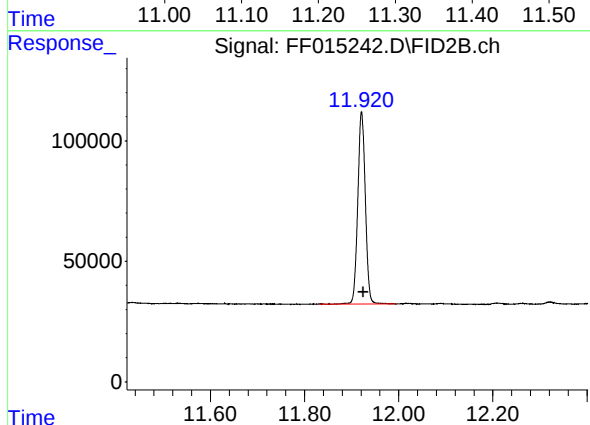
R.T.: 11.152 min
Delta R.T.: -0.002 min
Response: 794849
Conc: 4.84 ug/ml

Instrument :
FID_F
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5 PPM AROMATIC HC STD5



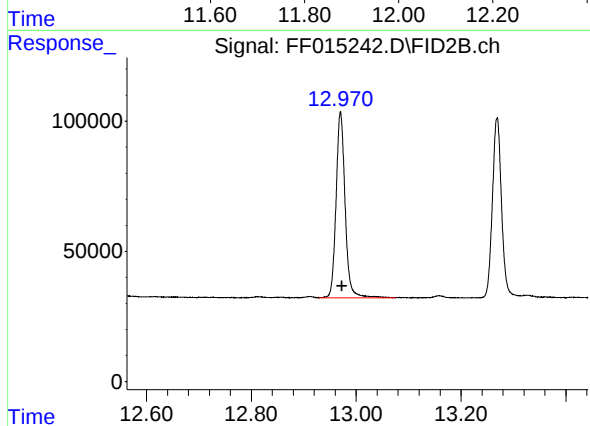
#10 Anthracene (C19.43)

R.T.: 11.227 min
Delta R.T.: -0.002 min
Response: 745852
Conc: 4.91 ug/ml



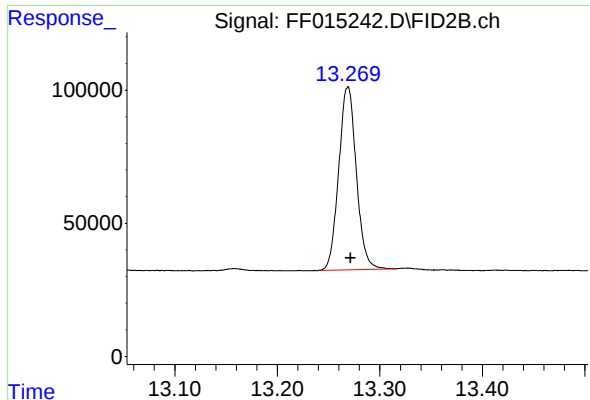
#11 ortho-Terphenyl (SURRE)

R.T.: 11.921 min
Delta R.T.: -0.003 min
Response: 892597
Conc: 5.06 ug/ml



#12 Fluoranthene (C21.85)

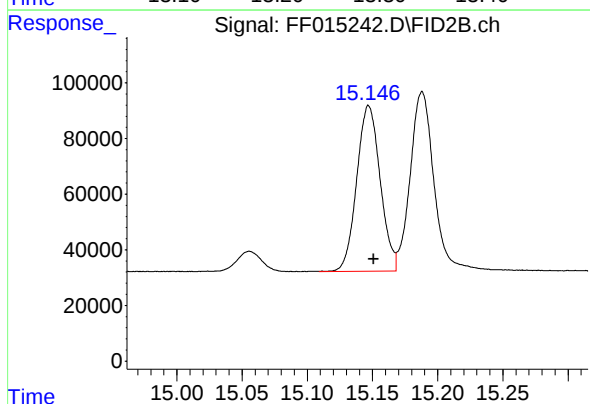
R.T.: 12.970 min
Delta R.T.: -0.003 min
Response: 853770
Conc: 5.05 ug/ml



#13 Pyrene (C20.8)

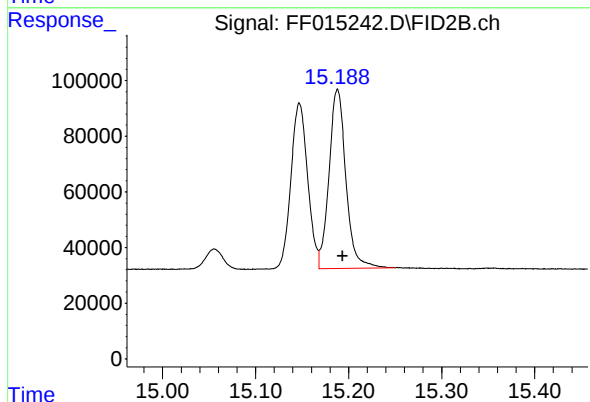
R.T.: 13.269 min
Delta R.T.: -0.003 min
Response: 819344
Conc: 4.91 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



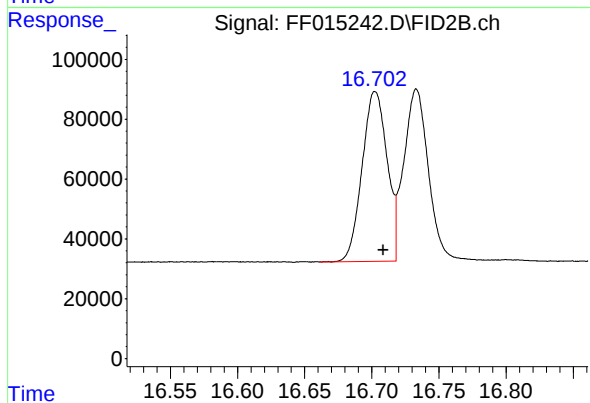
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.147 min
Delta R.T.: -0.004 min
Response: 744827
Conc: 4.87 ug/ml



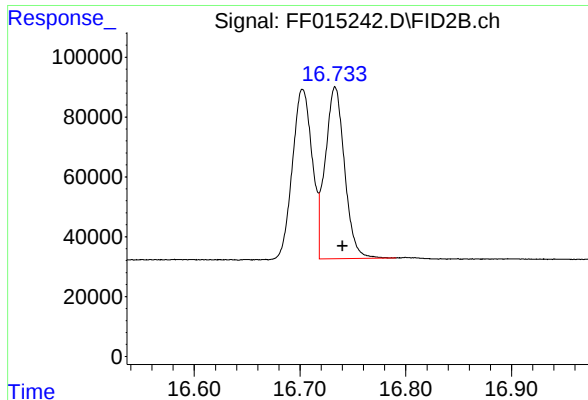
#15 Chrysene (C27.41)

R.T.: 15.188 min
Delta R.T.: -0.006 min
Response: 810280
Conc: 5.14 ug/ml



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

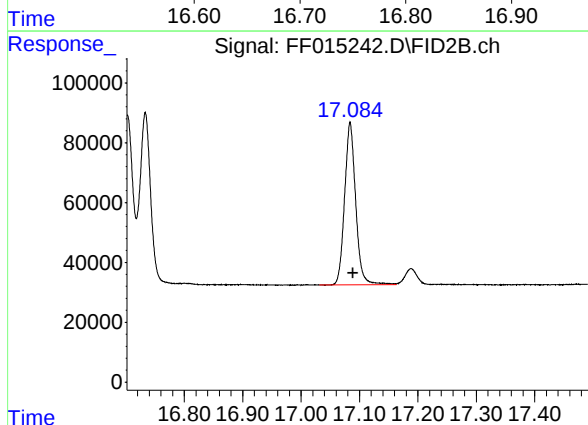
R.T.: 16.703 min
Delta R.T.: -0.006 min
Response: 734955
Conc: 4.84 ug/ml



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

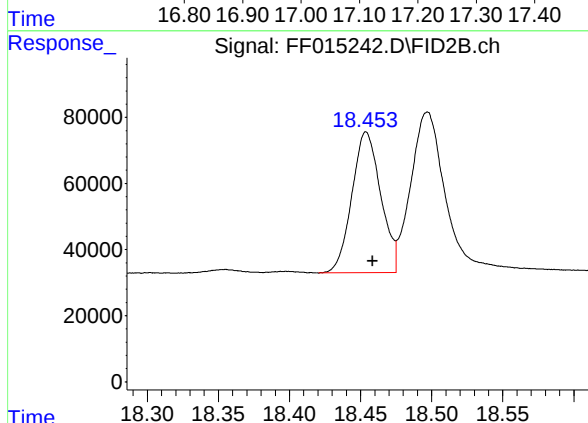
R.T.: 16.733 min
Delta R.T.: -0.007 min
Response: 729393
Conc: 5.09 ug/ml

Instrument :
FID_F
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5 PPM AROMATIC HC STD5



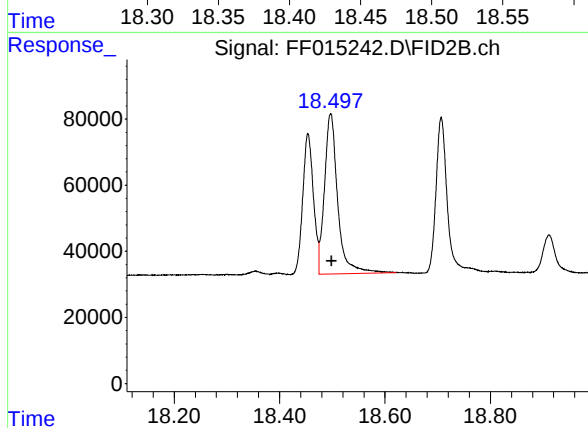
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.084 min
Delta R.T.: -0.005 min
Response: 717031
Conc: 4.96 ug/ml



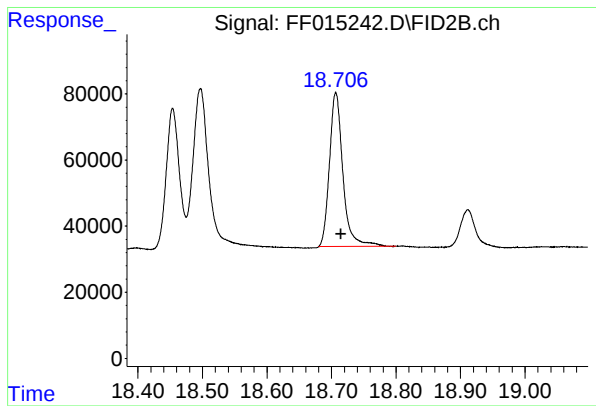
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.454 min
Delta R.T.: -0.004 min
Response: 599225
Conc: 4.68 ug/ml



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

R.T.: 18.497 min
Delta R.T.: -0.002 min
Response: 843394
Conc: 5.55 ug/ml



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

R.T.: 18.707 min
Delta R.T.: -0.008 min
Response: 673965
Conc: 4.90 ug/ml

Instrument :

FID_F

ClientSampleId :

5 PPM AROMATIC HC STD5