

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031725AR\
 Data File : FF015678.D
 Signal(s) : FID2B.ch
 Acq On : 17 Mar 2025 13:37
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Mar 17 13:57:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 17 13:56:57 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...	8.001	1000086	9.398 ug/ml
Spiked Amount 50.000		Recovery =	18.80%
6) S 2-Fluorobiphenyl (SURR)	8.886	532177	8.144 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	16.29%
11) S ortho-Terphenyl (SURR)	11.935	1282843	10.031 ug/ml
Spiked Amount 50.000		Recovery =	20.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.605	1197135	9.997 ug/ml
2) T Naphthalene (C11.7)	6.279	1104868	9.326 ug/ml
3) T 2-Methylnaphthalene (...)	7.375	1091129	9.341 ug/ml
5) T Acenaphthylene (C15.06)	8.676	1238616	9.859 ug/ml
7) T Acenaphthene (C15.5)	8.973	1302879	10.217 ug/ml
8) T Fluorene (C16.55)	9.767	1164470	9.556 ug/ml
9) T Phenanthrene (C19.36)	11.177	1067418	9.225 ug/ml
10) T Anthracene (C19.43)	11.256	1017256	9.074 ug/ml
12) T Fluoranthene (C21.85)	13.002	1160887	9.686 ug/ml
13) T Pyrene (C20.8)	13.299	1188816	9.871 ug/ml
14) T Benzo[a]anthracene (C...	15.187	809108	8.113 ug/ml
15) T Chrysene (C27.41)	15.226	1215400	10.253 ug/ml
16) T benzo[b]fluoranthene ...	16.747	962433	9.051 ug/ml
17) T Bnezo[k]fluoranthene ...	16.779	1217750	10.377 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.136	999171	9.560 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.514	704056	8.043 ug/ml
20) T Dibenz[a,h]anthracene...	18.554	1218110	10.426 ug/ml
21) T Benzo[g,h,i]perylene ...	18.761	1125790	9.999 ug/ml

(f)=RT Delta > 1/2 Window

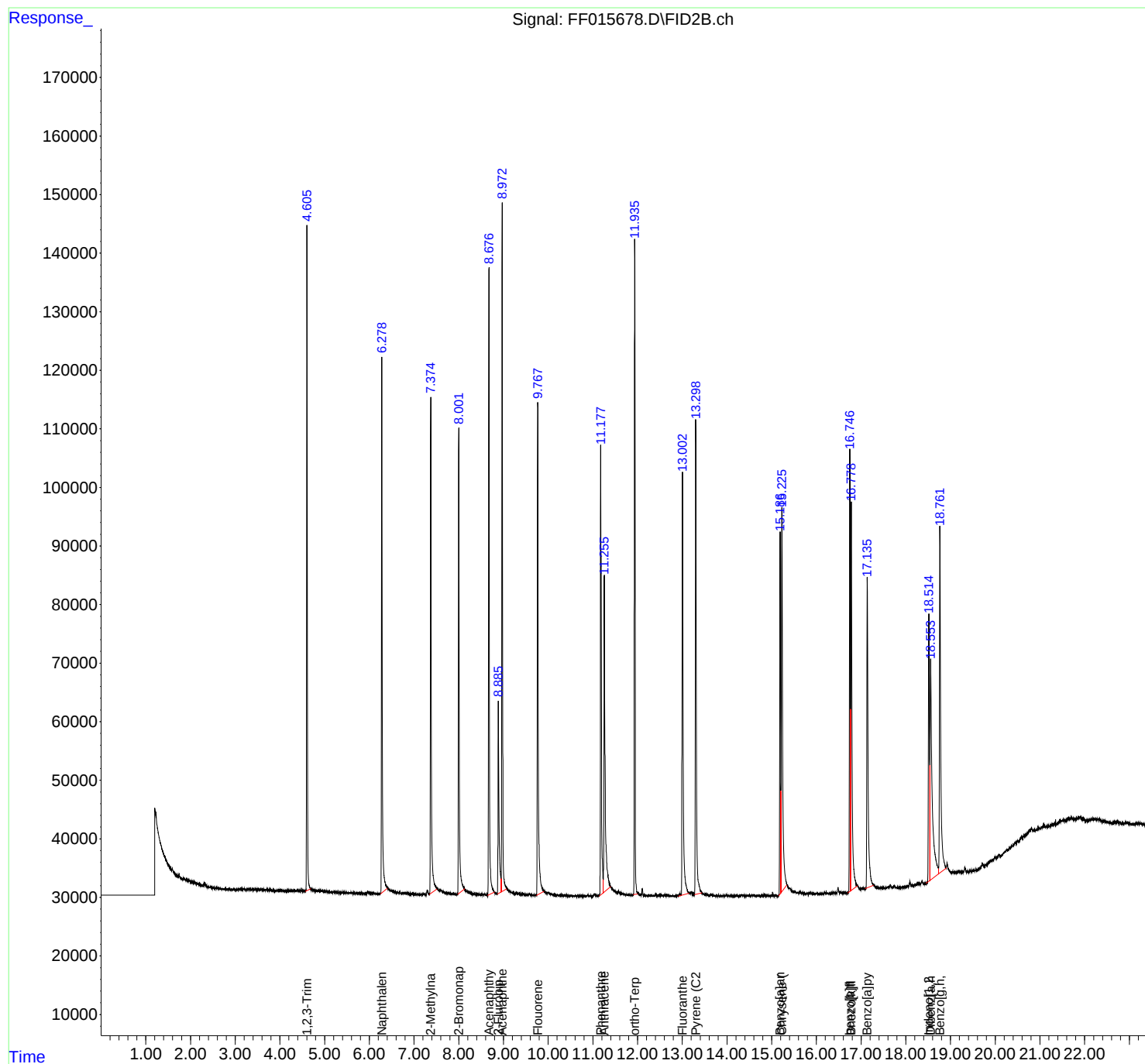
(m)=manual int.

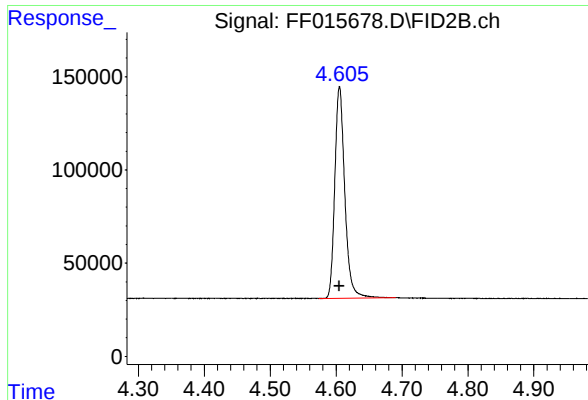
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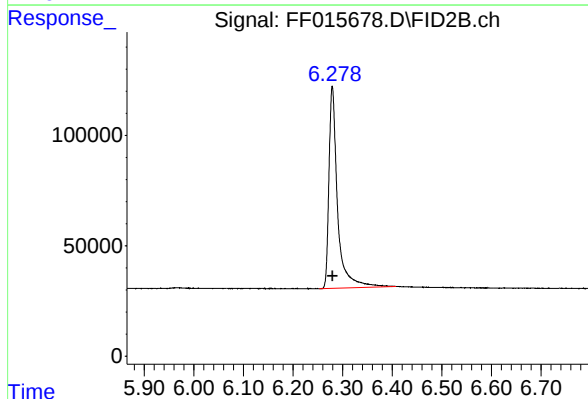




#1 1,2,3-Trimethylbenzene (C10.1)

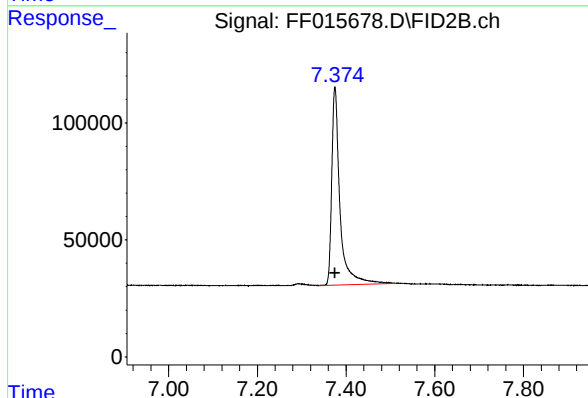
R.T.: 4.605 min
Delta R.T.: 0.000 min
Response: 1197135
Conc: 10.00 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



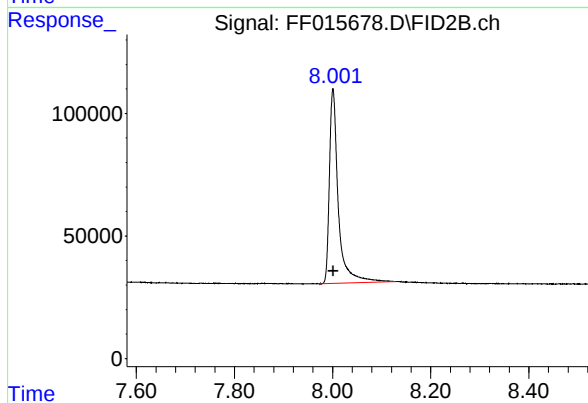
#2 Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: 0.000 min
Response: 1104868
Conc: 9.33 ug/ml



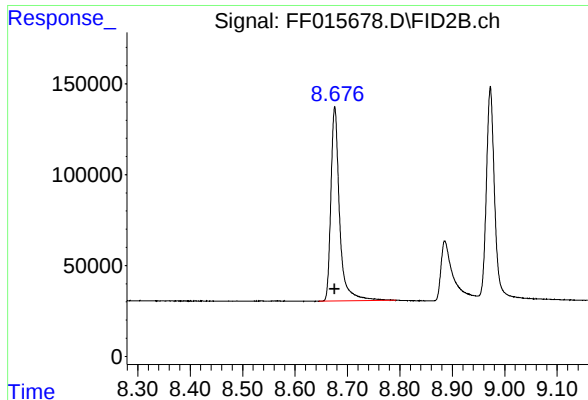
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.375 min
Delta R.T.: 0.000 min
Response: 1091129
Conc: 9.34 ug/ml



#4 2-Bromonaphthalene (SURR)

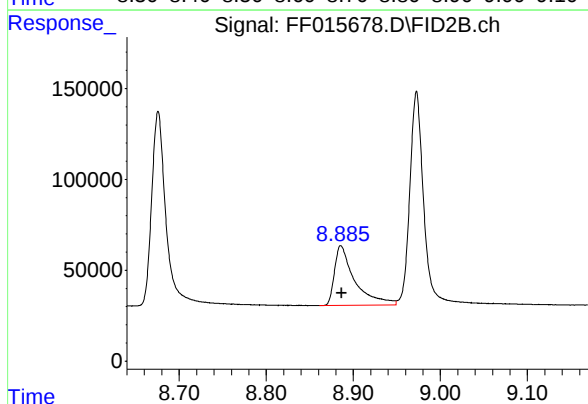
R.T.: 8.001 min
Delta R.T.: 0.000 min
Response: 1000086
Conc: 9.40 ug/ml



#5 Acenaphthylene (C15.06)

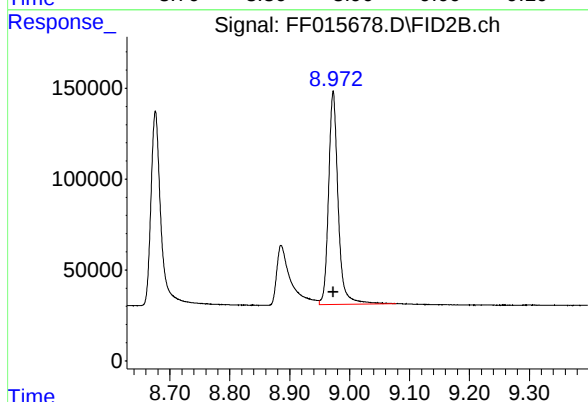
R.T.: 8.676 min
Delta R.T.: 0.000 min
Response: 1238616
Conc: 9.86 ug/ml

Instrument :
FID_F
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10 PPM AROMATIC HC STD4



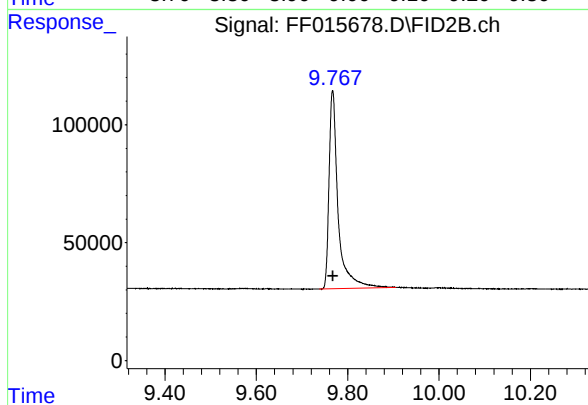
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.886 min
Delta R.T.: 0.000 min
Response: 532177
Conc: 8.14 ug/ml



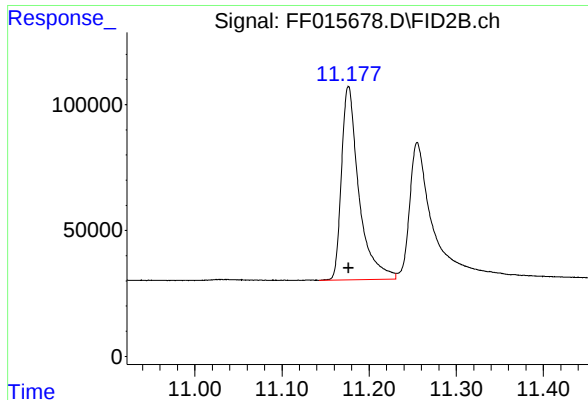
#7 Acenaphthene (C15.5)

R.T.: 8.973 min
Delta R.T.: 0.000 min
Response: 1302879
Conc: 10.22 ug/ml



#8 Flouorene (C16.55)

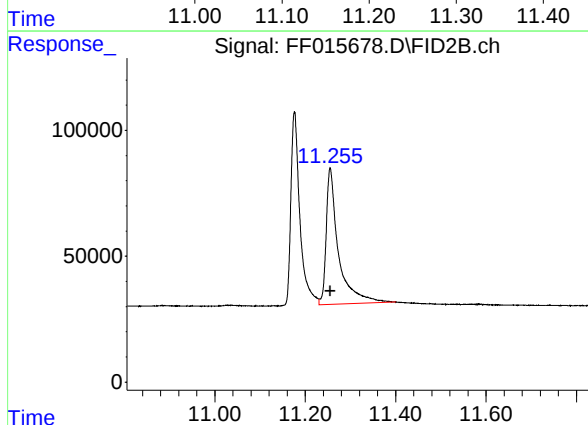
R.T.: 9.767 min
Delta R.T.: 0.000 min
Response: 1164470
Conc: 9.56 ug/ml



#9 Phenanthrene (C19.36)

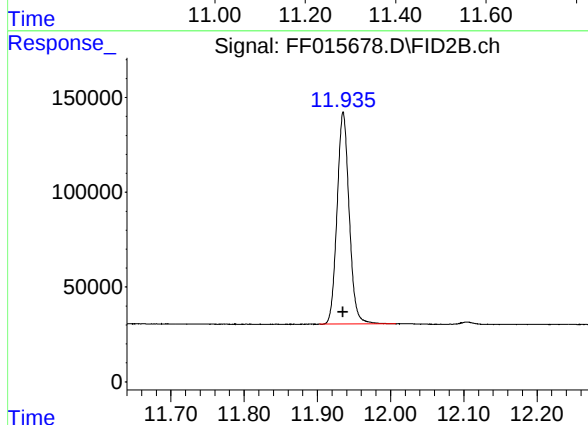
R.T.: 11.177 min
Delta R.T.: 0.000 min
Response: 1067418
Conc: 9.22 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



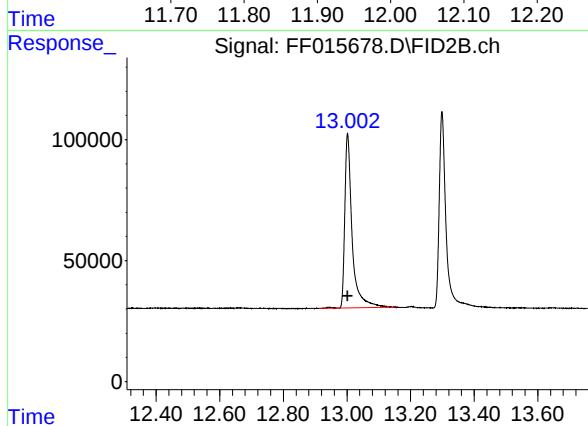
#10 Anthracene (C19.43)

R.T.: 11.256 min
Delta R.T.: 0.000 min
Response: 1017256
Conc: 9.07 ug/ml



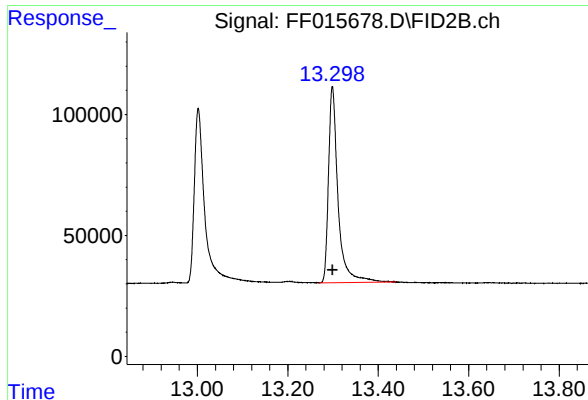
#11 ortho-Terphenyl (SURR)

R.T.: 11.935 min
Delta R.T.: 0.000 min
Response: 1282843
Conc: 10.03 ug/ml



#12 Fluoranthene (C21.85)

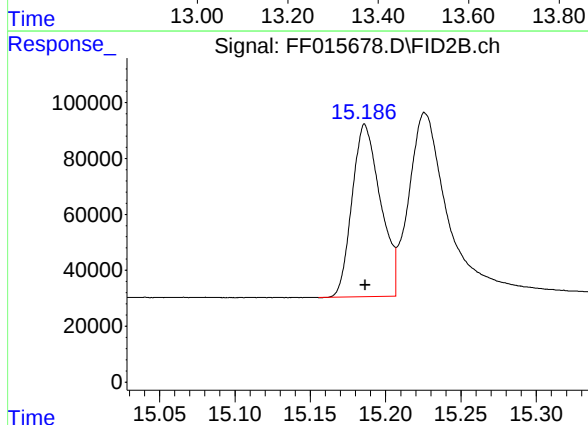
R.T.: 13.002 min
Delta R.T.: 0.000 min
Response: 1160887
Conc: 9.69 ug/ml



#13 Pyrene (C20.8)

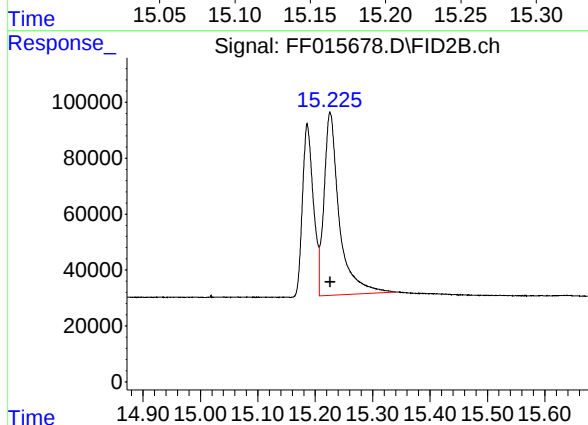
R.T.: 13.299 min
Delta R.T.: 0.000 min
Response: 1188816
Conc: 9.87 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



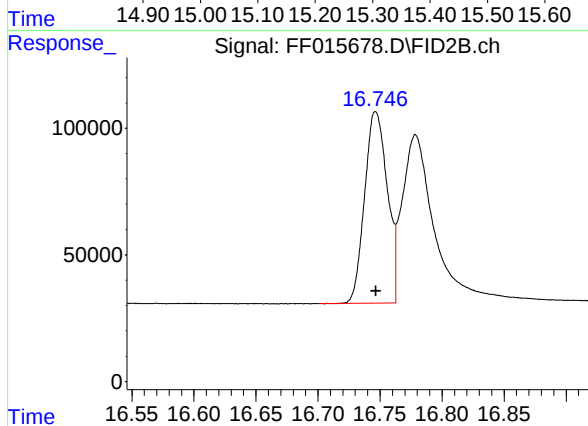
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.187 min
Delta R.T.: 0.000 min
Response: 809108
Conc: 8.11 ug/ml



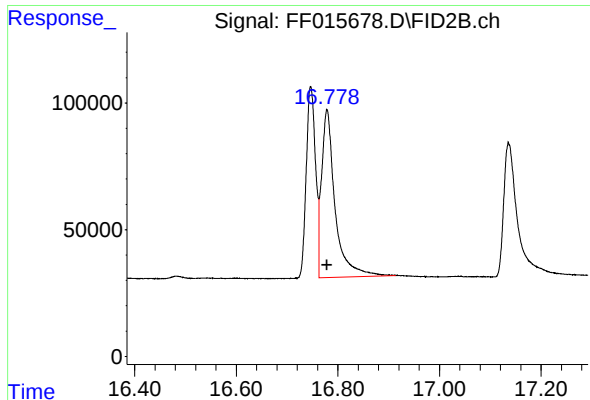
#15 Chrysene (C27.41)

R.T.: 15.226 min
Delta R.T.: 0.000 min
Response: 1215400
Conc: 10.25 ug/ml



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

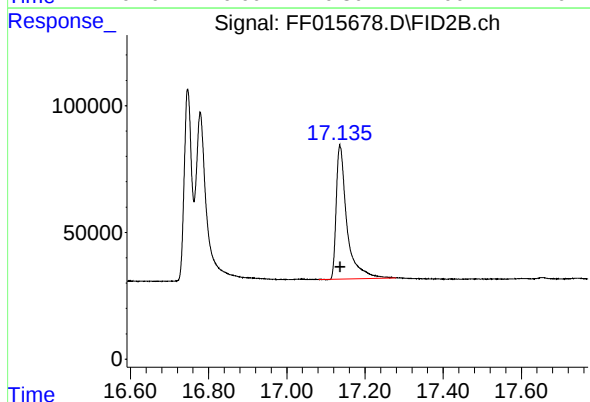
R.T.: 16.747 min
Delta R.T.: 0.000 min
Response: 962433
Conc: 9.05 ug/ml



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

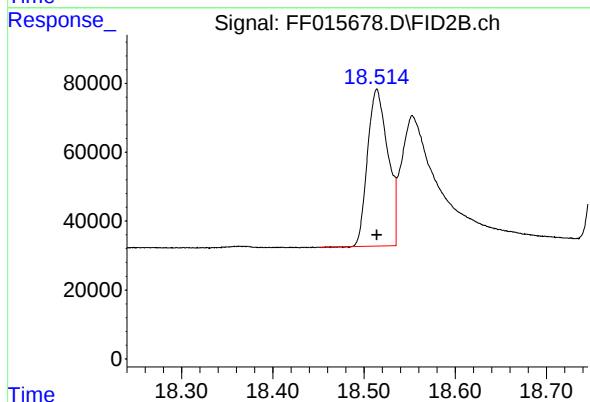
R.T.: 16.779 min
Delta R.T.: 0.000 min
Response: 1217750
Conc: 10.38 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



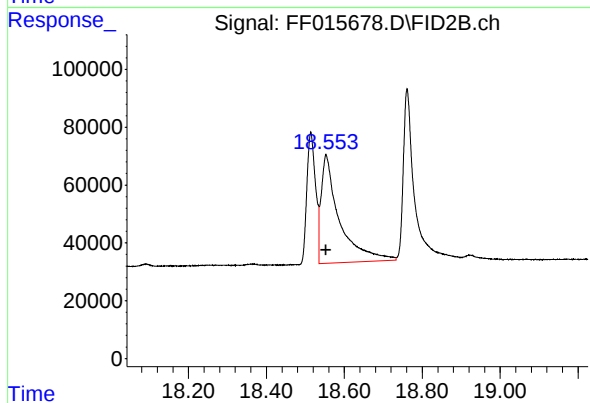
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.136 min
Delta R.T.: 0.000 min
Response: 999171
Conc: 9.56 ug/ml



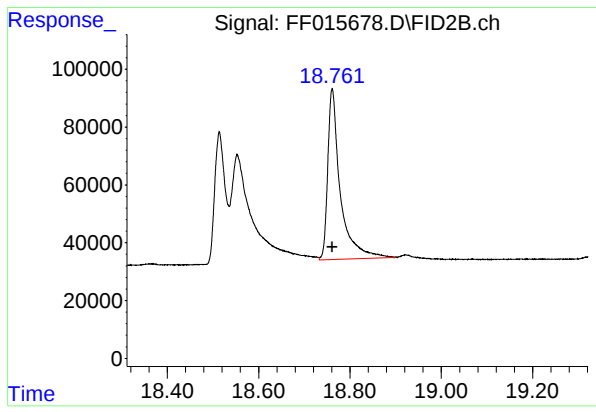
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.514 min
Delta R.T.: 0.000 min
Response: 704056
Conc: 8.04 ug/ml



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

R.T.: 18.554 min
Delta R.T.: 0.000 min
Response: 1218110
Conc: 10.43 ug/ml



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

R.T.: 18.761 min
Delta R.T.: 0.000 min
Response: 1125790
Conc: 10.00 ug/ml

Instrument :

FID_F

ClientSampleId :

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