

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082024AR\
 Data File : FF014442.D
 Signal(s) : FID2B.ch
 Acq On : 20 Aug 2024 15:25
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Aug 20 15:49:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 082024.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 20 15:49:23 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...	7.878	10611307	94.767 ug/ml
Spiked Amount 50.000		Recovery =	189.53%
6) S 2-Fluorobiphenyl (SURR)	8.749	7120996	106.365 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	212.73%#
11) S ortho-Terphenyl (SURR)	11.813	12544845	87.073 ug/ml
Spiked Amount 50.000		Recovery =	174.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.491	11852405	88.956 ug/ml
2) T Naphthalene (C11.7)	6.156	12440468	93.441 ug/ml
3) T 2-Methylnaphthalene (...)	7.252	12527482	93.847 ug/ml
5) T Acenaphthylene (C15.06)	8.551	12334123	92.074 ug/ml
7) T Acenaphthene (C15.5)	8.851	12592189	88.241 ug/ml
8) T Fluorene (C16.55)	9.639	12246459	94.455 ug/ml
9) T Phenanthrene (C19.36)	11.043	12099029	94.962 ug/ml
10) T Anthracene (C19.43)	11.118	11086173	83.087 ug/ml
12) T Fluoranthene (C21.85)	12.863	12441302	90.547 ug/ml
13) T Pyrene (C20.8)	13.162	12267398	88.566 ug/ml
14) T Benzo[a]anthracene (C...	15.041	11534780	103.576 ug/ml
15) T Chrysene (C27.41)	15.089	12647763	80.962 ug/ml
16) T benzo[b]fluoranthene ...	16.602	11812378	100.397 ug/ml
17) T Bnezo[k]fluoranthene ...	16.640	11664417	80.409 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.984	11598736	91.809 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.353	9731110	116.929 ug/ml
20) T Dibenz[a,h]anthracene...	18.393	11769651	85.186 ug/ml
21) T Benzo[g,h,i]perylene ...	18.614	10781875	87.874 ug/ml

(f)=RT Delta > 1/2 Window

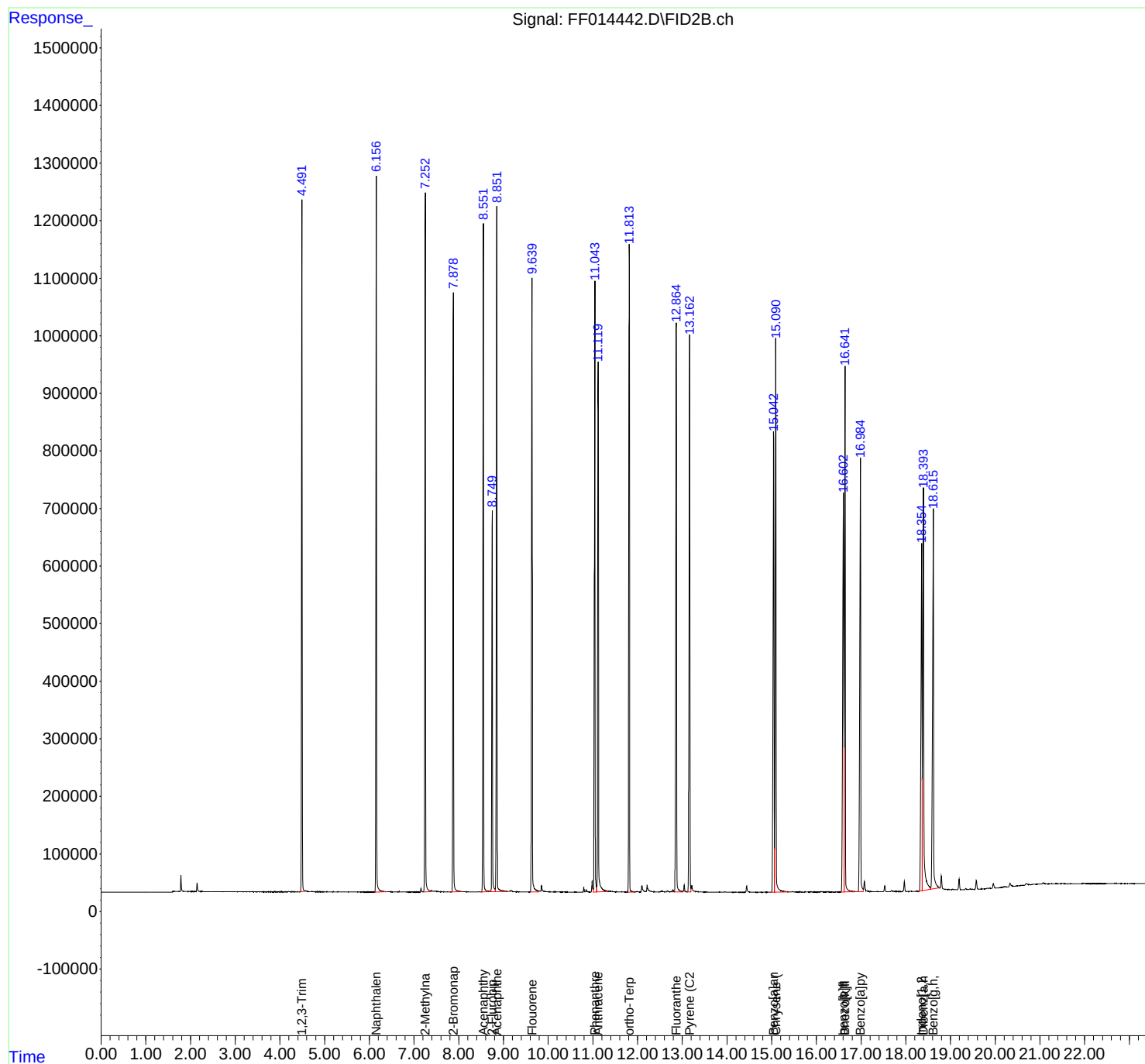
(m)=manual int.

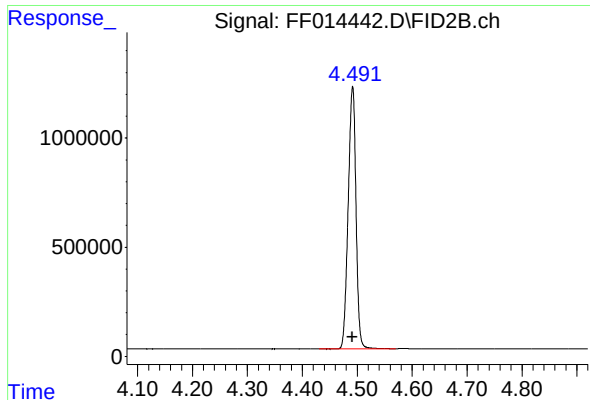
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#1 1,2,3-Trimethylbenzene (C10.1)

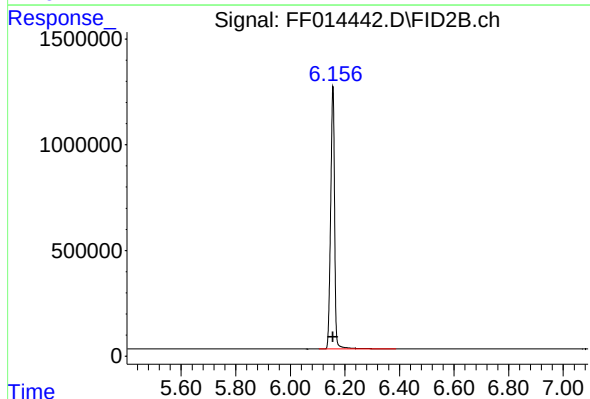
R.T.: 4.491 min
Delta R.T.: 0.000 min
Response: 11852405
Conc: 88.96 ug/ml

Instrument :

FID_F

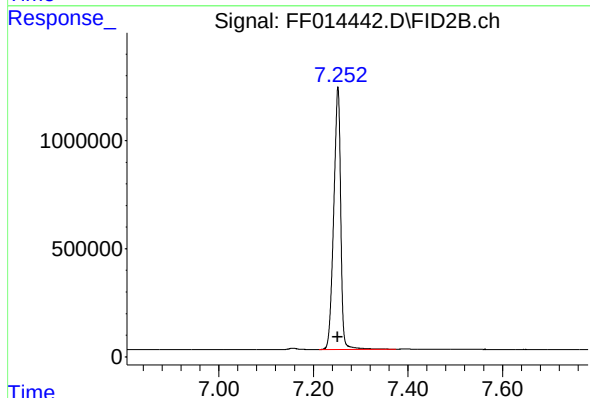
ClientSampleId :

100 PPM AROMATIC HC STD1



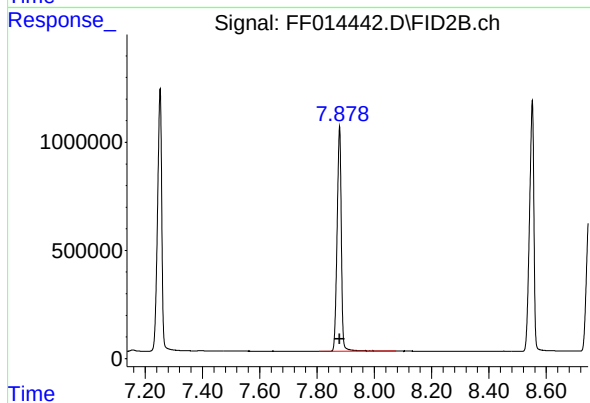
#2 Naphthalene (C11.7)

R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 12440468
Conc: 93.44 ug/ml



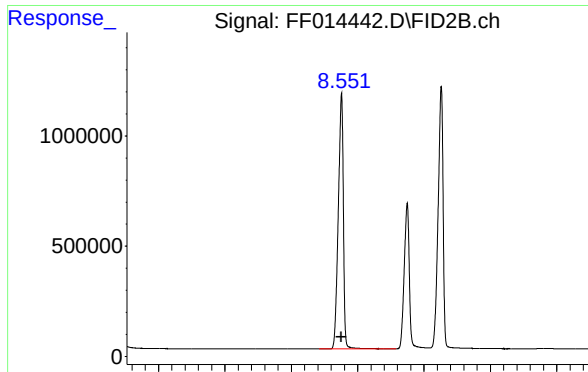
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.252 min
Delta R.T.: 0.000 min
Response: 12527482
Conc: 93.85 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.878 min
Delta R.T.: 0.000 min
Response: 10611307
Conc: 94.77 ug/ml



#5 Acenaphthylene (C15.06)

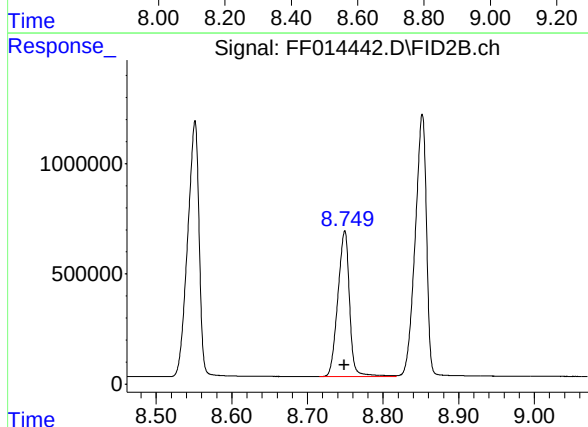
R.T.: 8.551 min
Delta R.T.: 0.000 min
Response: 12334123
Conc: 92.07 ug/ml

Instrument :

FID_F

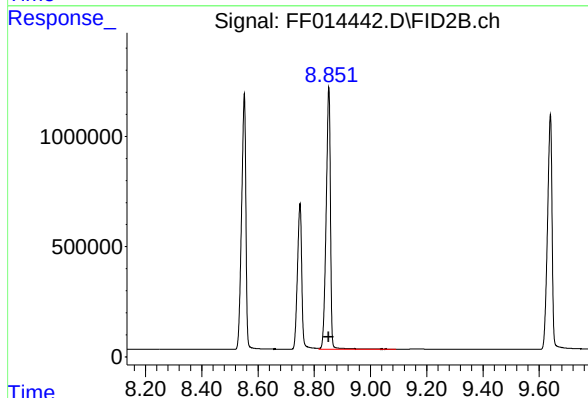
ClientSampleId :

100 PPM AROMATIC HC STD1



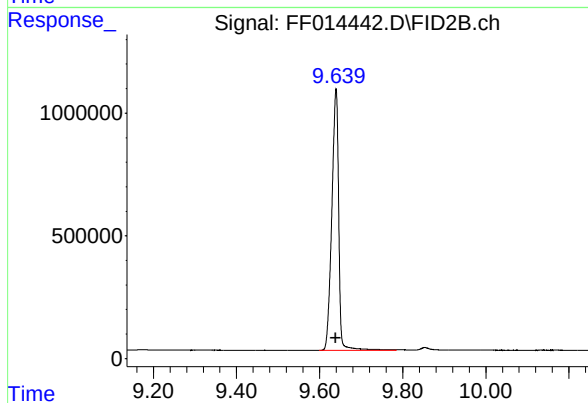
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.749 min
Delta R.T.: 0.000 min
Response: 7120996
Conc: 106.37 ug/ml



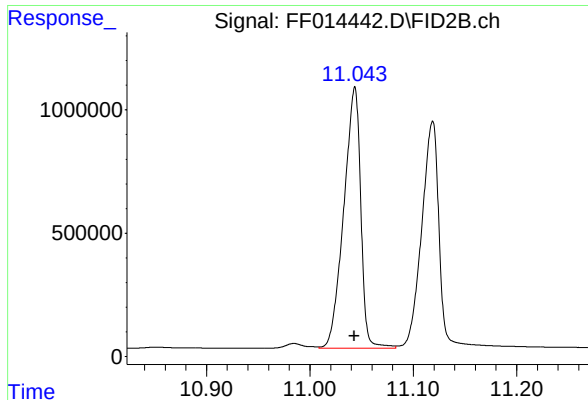
#7 Acenaphthene (C15.5)

R.T.: 8.851 min
Delta R.T.: 0.000 min
Response: 12592189
Conc: 88.24 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.639 min
Delta R.T.: 0.000 min
Response: 12246459
Conc: 94.45 ug/ml



#9 Phenanthrene (C19.36)

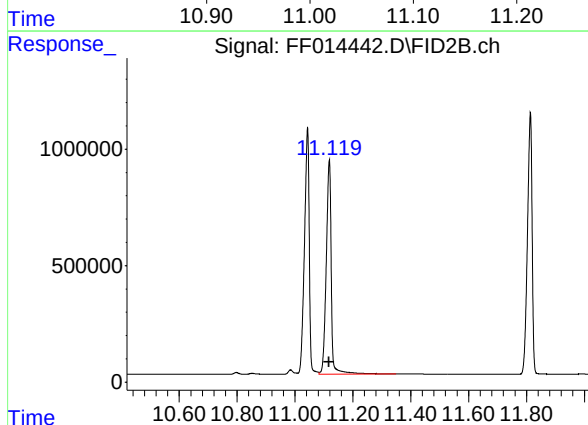
R.T.: 11.043 min
Delta R.T.: 0.000 min
Response: 12099029
Conc: 94.96 ug/ml

Instrument :

FID_F

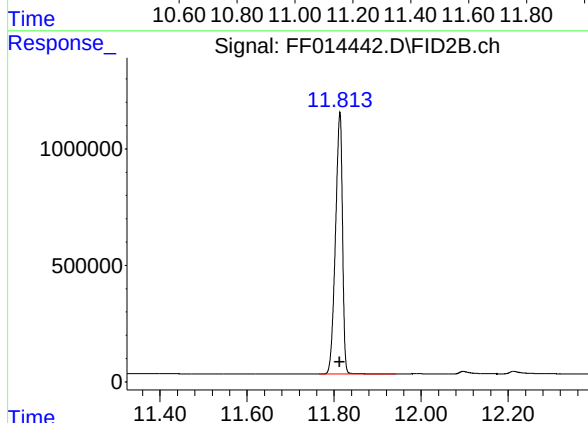
ClientSampleId :

100 PPM AROMATIC HC STD1



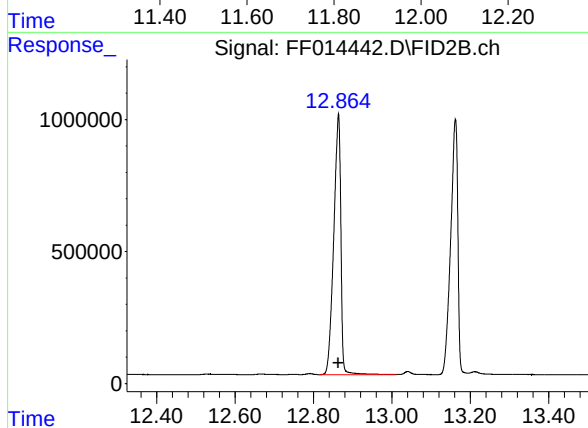
#10 Anthracene (C19.43)

R.T.: 11.118 min
Delta R.T.: 0.000 min
Response: 11086173
Conc: 83.09 ug/ml



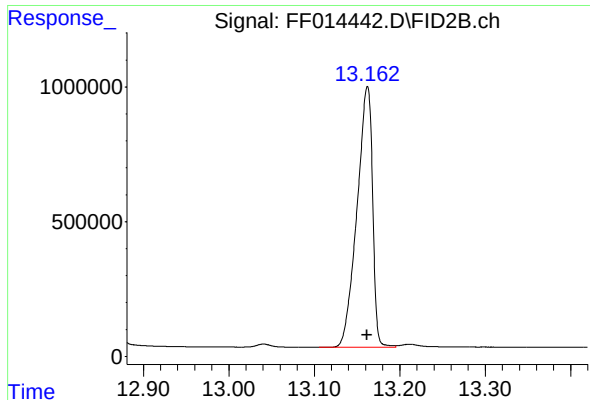
#11 ortho-Terphenyl (SURR)

R.T.: 11.813 min
Delta R.T.: 0.000 min
Response: 12544845
Conc: 87.07 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.863 min
Delta R.T.: 0.000 min
Response: 12441302
Conc: 90.55 ug/ml



#13 Pyrene (C20.8)

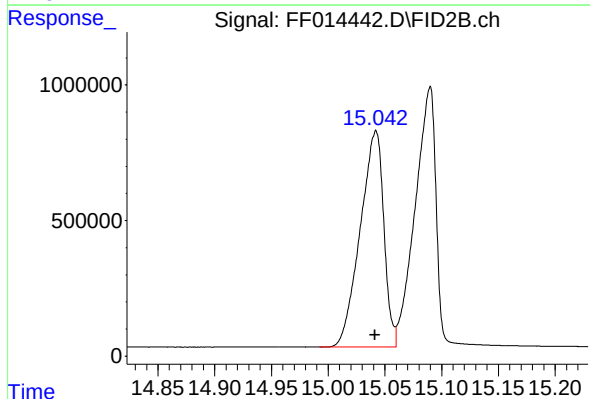
R.T.: 13.162 min
Delta R.T.: 0.000 min
Response: 12267398
Conc: 88.57 ug/ml

Instrument :

FID_F

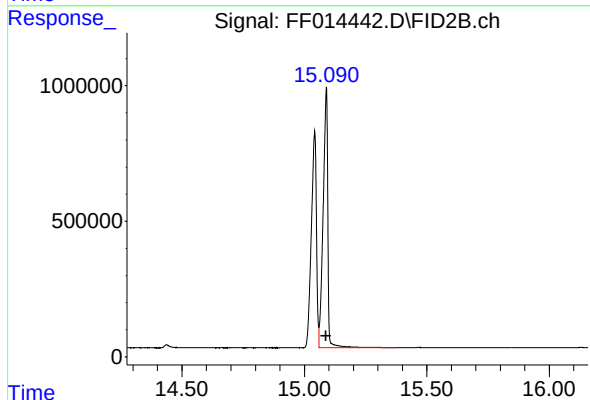
ClientSampleId :

100 PPM AROMATIC HC STD1



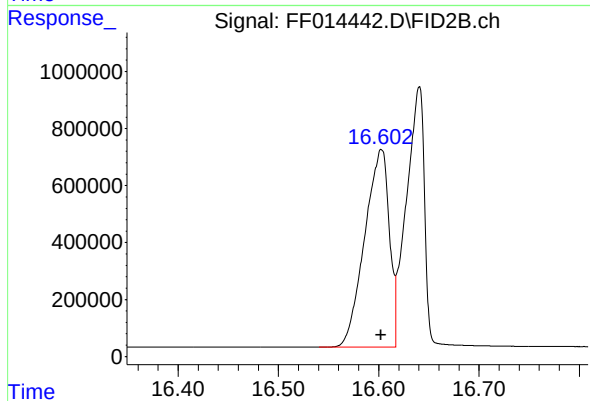
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.041 min
Delta R.T.: 0.000 min
Response: 11534780
Conc: 103.58 ug/ml



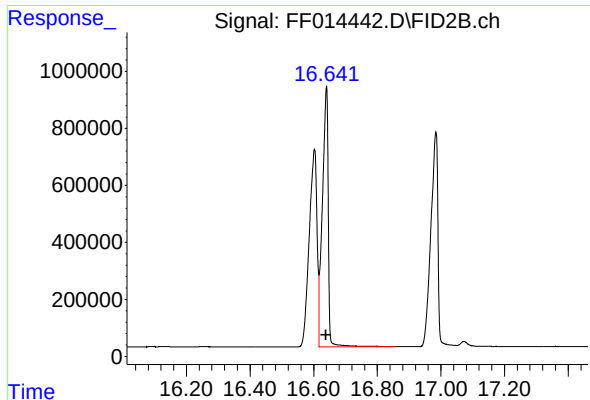
#15 Chrysene (C27.41)

R.T.: 15.089 min
Delta R.T.: 0.000 min
Response: 12647763
Conc: 80.96 ug/ml



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

R.T.: 16.602 min
Delta R.T.: 0.000 min
Response: 11812378
Conc: 100.40 ug/ml



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

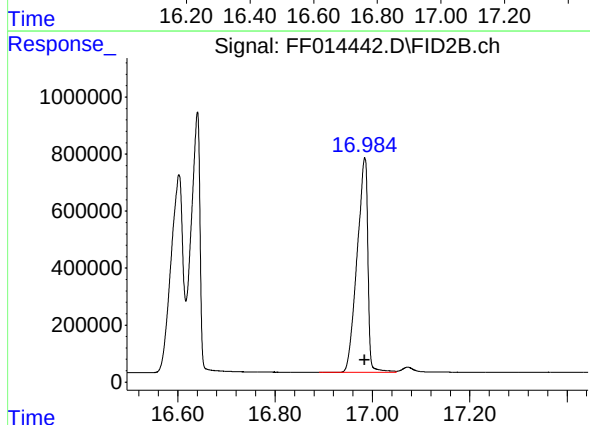
R.T.: 16.640 min
Delta R.T.: 0.000 min
Response: 11664417
Conc: 80.41 ug/ml

Instrument :

FID_F

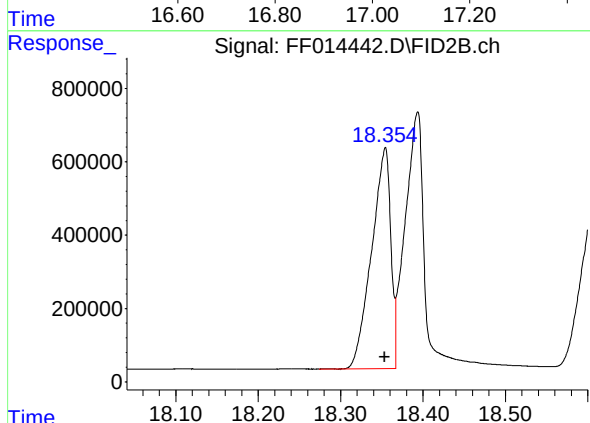
ClientSampleId :

100 PPM AROMATIC HC STD1



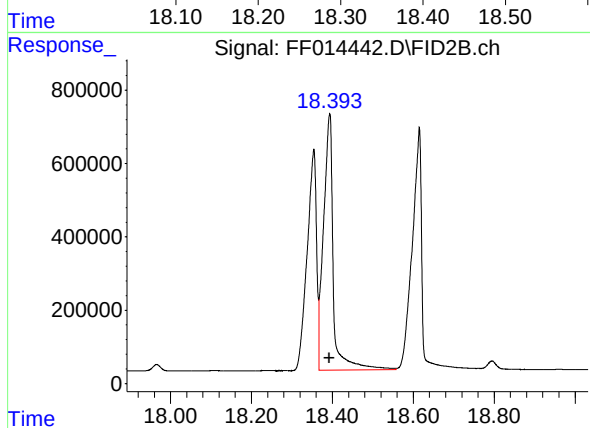
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.984 min
Delta R.T.: 0.000 min
Response: 11598736
Conc: 91.81 ug/ml



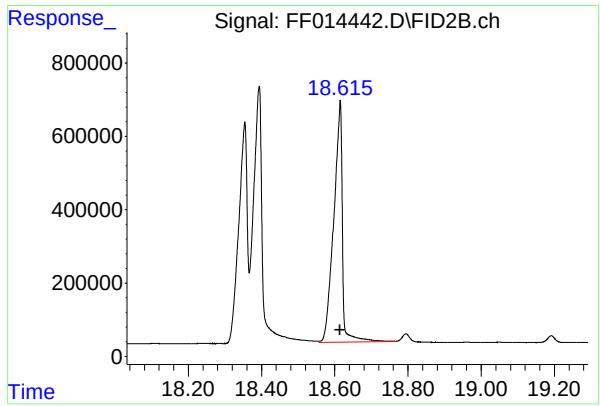
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.353 min
Delta R.T.: 0.000 min
Response: 9731110
Conc: 116.93 ug/ml



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

R.T.: 18.393 min
Delta R.T.: 0.000 min
Response: 11769651
Conc: 85.19 ug/ml



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

R.T.: 18.614 min

Delta R.T.: 0.000 min

Response: 10781875

Conc: 87.87 ug/ml

Instrument :

FID_F

ClientSampleId :

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