

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092525AR\
 Data File : FG016637.D
 Signal(s) : FID1A.ch
 Acq On : 25 Sep 2025 09:20
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Sep 25 12:38:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 092525.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 25 12:34:32 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...	8.097	11667116	96.559 ug/ml
Spiked Amount 50.000		Recovery =	193.12%
6) S 2-Fluorobiphenyl (SURR)	8.981	7960037	97.288 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	194.58%#
11) S ortho-Terphenyl (SURR)	12.064	13444838	93.143 ug/ml
Spiked Amount 50.000		Recovery =	186.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.681	12900474	94.794 ug/ml
2) T Naphthalene (C11.7)	6.364	13681034	94.733 ug/ml
3) T 2-Methylnaphthalene (...)	7.469	13705597	96.199 ug/ml
5) T Acenaphthylene (C15.06)	8.781	13447718	96.186 ug/ml
7) T Acenaphthene (C15.5)	9.084	13598089	92.515 ug/ml
8) T Flouorene (C16.55)	9.878	13269475	94.479 ug/ml
9) T Phenanthrene (C19.36)	11.296	13033717	95.579 ug/ml
10) T Anthracene (C19.43)	11.373	12527388	89.841 ug/ml
12) T Fluoranthene (C21.85)	13.132	12994506	93.229 ug/ml
13) T Pyrene (C20.8)	13.434	12680078	91.899 ug/ml
14) T Benzo[a]anthracene (C...	15.328	12095626	97.265 ug/ml
15) T Chrysene (C27.41)	15.376	12716546	90.341 ug/ml
16) T benzo[b]fluoranthene ...	16.900	12066412	98.996 ug/ml
17) T Bnezo[k]fluoranthene ...	16.938	11533930	90.413 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.286	11619967	94.627 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.666	9754194	107.770 ug/ml
20) T Dibenz[a,h]anthracene...	18.705	12017488	83.671 ug/ml
21) T Benzo[g,h,i]perylene ...	18.926	10655106	92.865 ug/ml

(f)=RT Delta > 1/2 Window

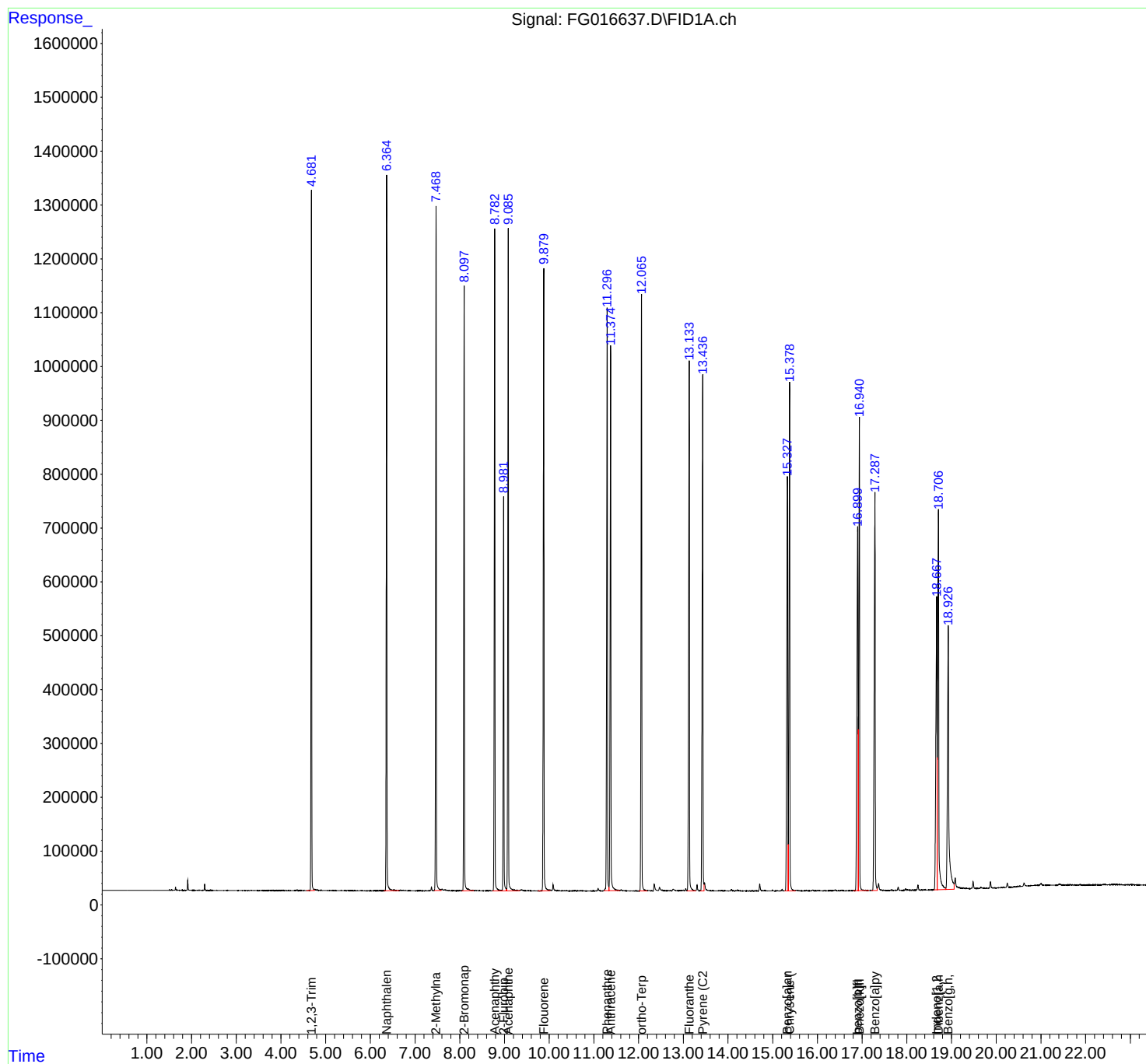
(m)=manual int.

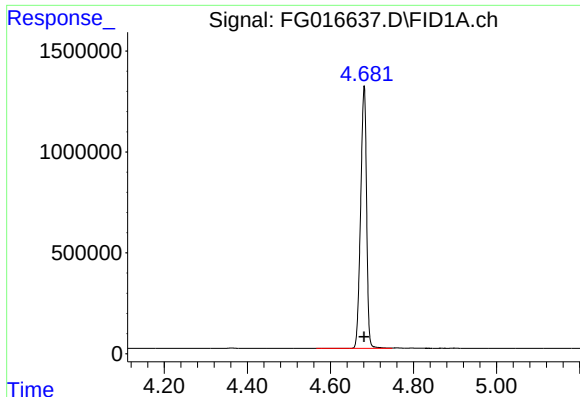
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#1 1,2,3-Trimethylbenzene (C10.1)

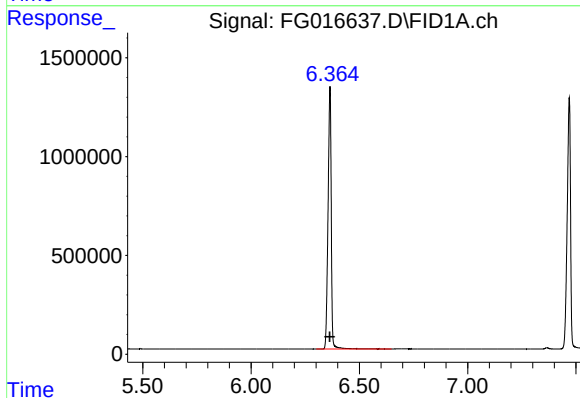
R.T.: 4.681 min
Delta R.T.: 0.000 min
Response: 12900474
Conc: 94.79 ug/ml

Instrument :

FID_G

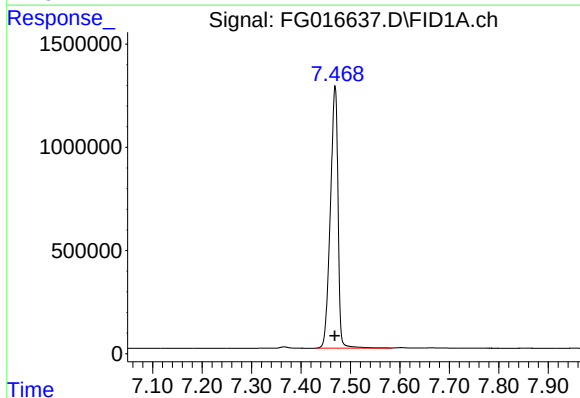
ClientSampleId :

100 PPM AROMATIC HC STD1



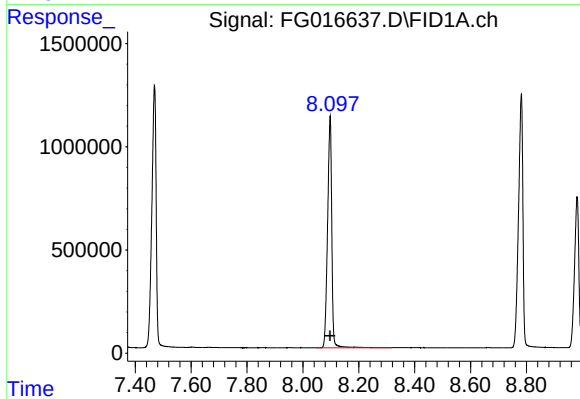
#2 Naphthalene (C11.7)

R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 13681034
Conc: 94.73 ug/ml



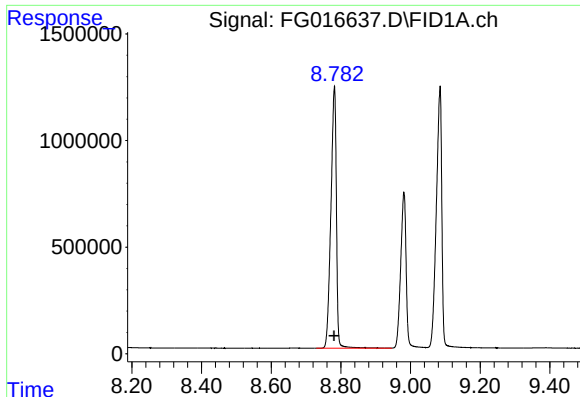
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 13705597
Conc: 96.20 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.097 min
Delta R.T.: 0.000 min
Response: 11667116
Conc: 96.56 ug/ml



#5 Acenaphthylene (C15.06)

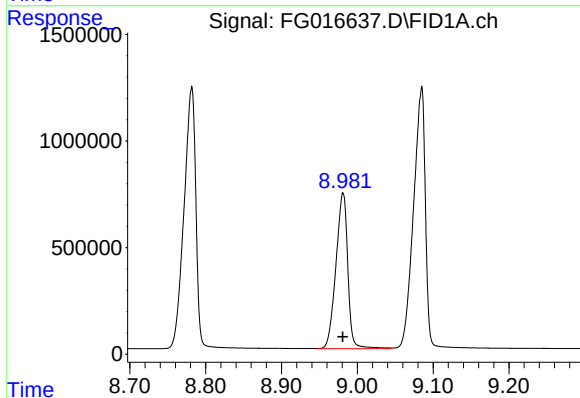
R.T.: 8.781 min
Delta R.T.: 0.000 min
Response: 13447718
Conc: 96.19 ug/ml

Instrument :

FID_G

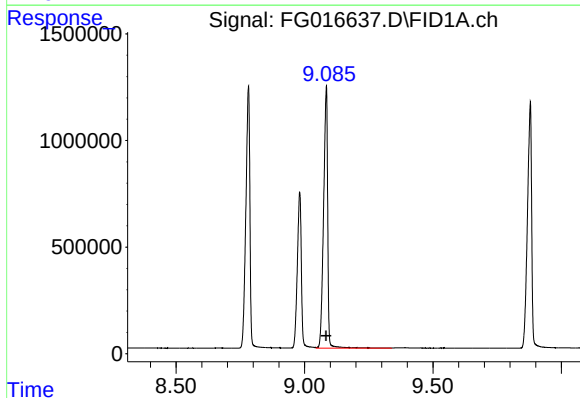
ClientSampleId :

100 PPM AROMATIC HC STD1



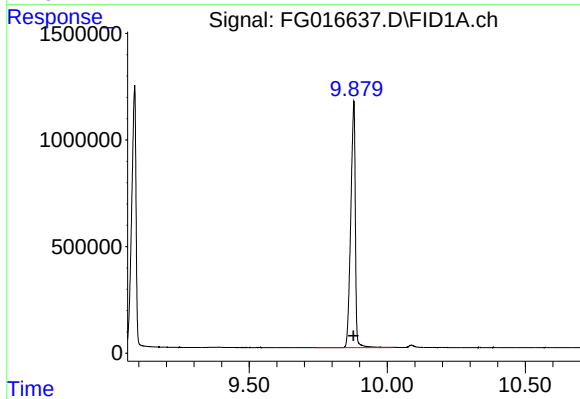
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.981 min
Delta R.T.: 0.000 min
Response: 7960037
Conc: 97.29 ug/ml



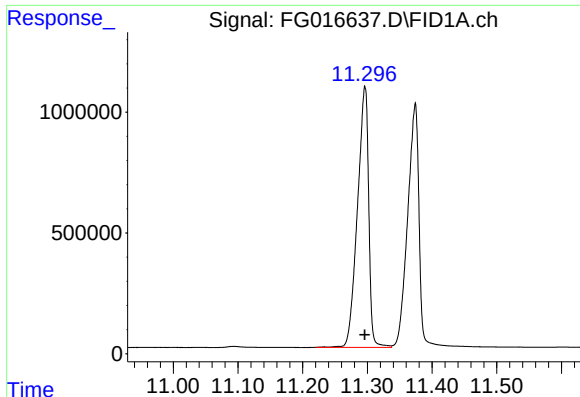
#7 Acenaphthene (C15.5)

R.T.: 9.084 min
Delta R.T.: 0.000 min
Response: 13598089
Conc: 92.51 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.878 min
Delta R.T.: 0.000 min
Response: 13269475
Conc: 94.48 ug/ml



#9 Phenanthrene (C19.36)

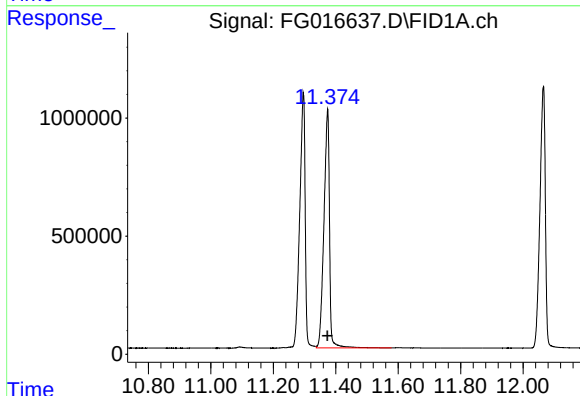
R.T.: 11.296 min
Delta R.T.: 0.000 min
Response: 13033717
Conc: 95.58 ug/ml

Instrument :

FID_G

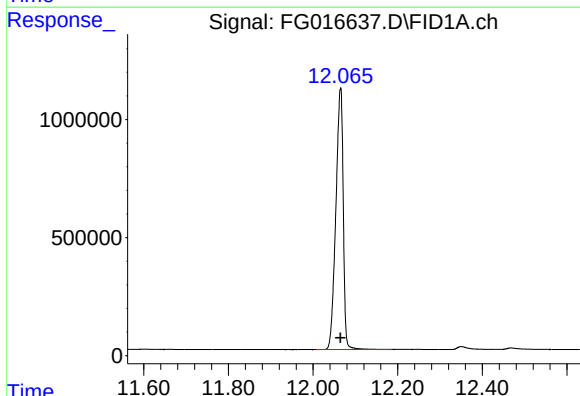
ClientSampleId :

100 PPM AROMATIC HC STD1



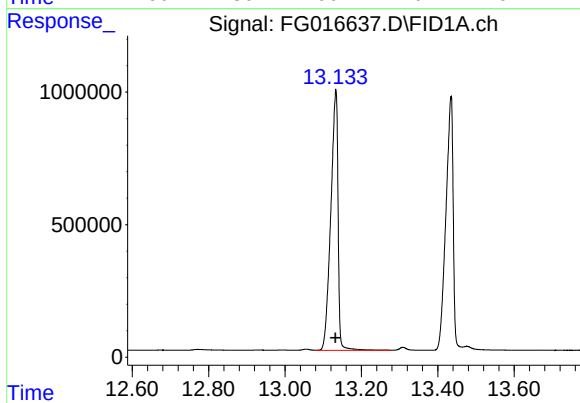
#10 Anthracene (C19.43)

R.T.: 11.373 min
Delta R.T.: 0.000 min
Response: 12527388
Conc: 89.84 ug/ml



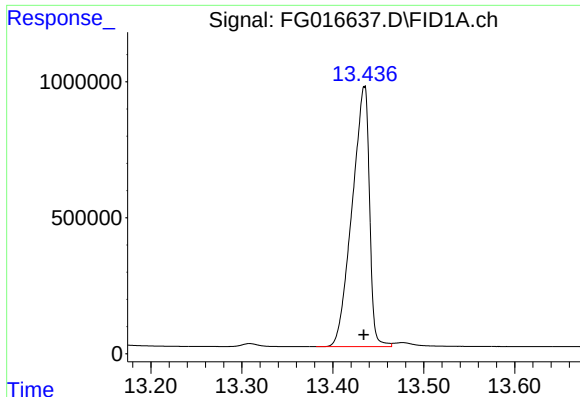
#11 ortho-Terphenyl (SURR)

R.T.: 12.064 min
Delta R.T.: 0.000 min
Response: 13444838
Conc: 93.14 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.132 min
Delta R.T.: 0.000 min
Response: 12994506
Conc: 93.23 ug/ml



#13 Pyrene (C20.8)

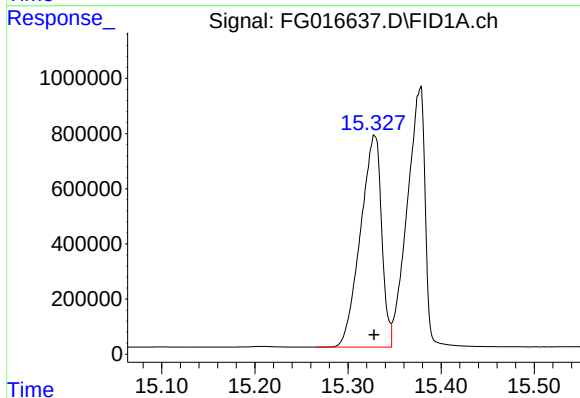
R.T.: 13.434 min
Delta R.T.: 0.000 min
Response: 12680078
Conc: 91.90 ug/ml

Instrument :

FID_G

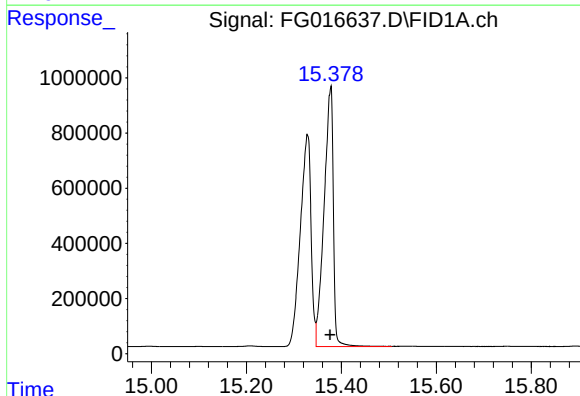
ClientSampleId :

100 PPM AROMATIC HC STD1



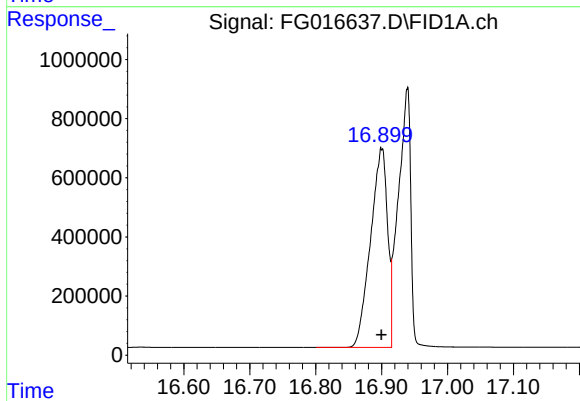
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.328 min
Delta R.T.: 0.000 min
Response: 12095626
Conc: 97.26 ug/ml



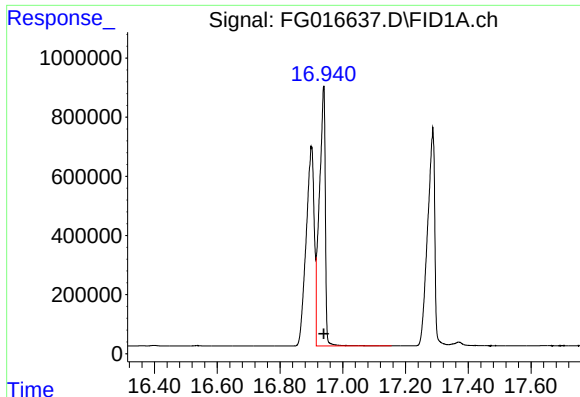
#15 Chrysene (C27.41)

R.T.: 15.376 min
Delta R.T.: 0.000 min
Response: 12716546
Conc: 90.34 ug/ml



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

R.T.: 16.900 min
Delta R.T.: 0.000 min
Response: 12066412
Conc: 99.00 ug/ml



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

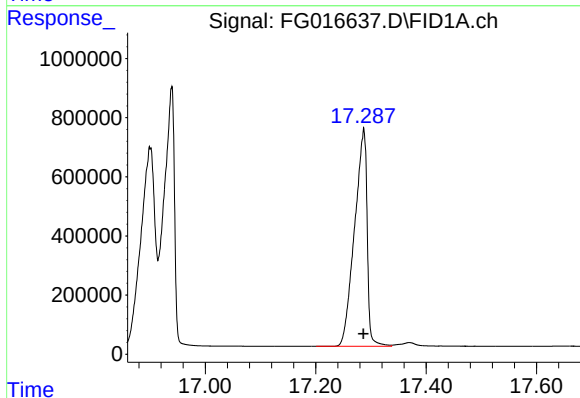
R.T.: 16.938 min
Delta R.T.: -0.001 min
Response: 11533930
Conc: 90.41 ug/ml

Instrument :

FID_G

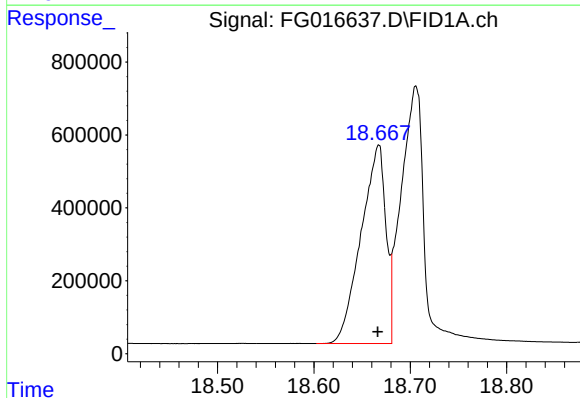
ClientSampleId :

100 PPM AROMATIC HC STD1



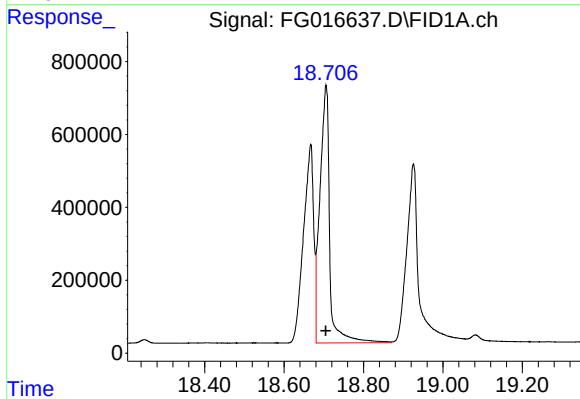
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.286 min
Delta R.T.: 0.000 min
Response: 11619967
Conc: 94.63 ug/ml



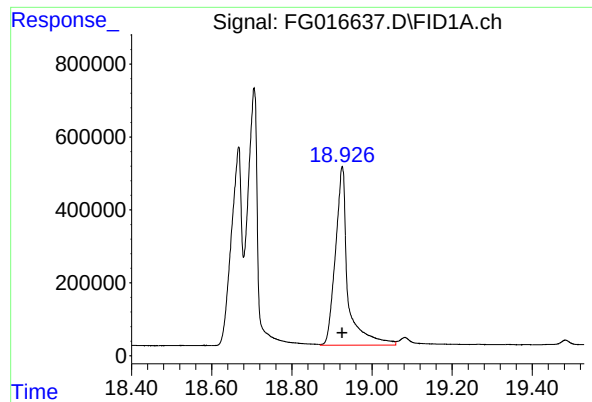
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.666 min
Delta R.T.: 0.000 min
Response: 9754194
Conc: 107.77 ug/ml



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

R.T.: 18.705 min
Delta R.T.: 0.000 min
Response: 12017488
Conc: 83.67 ug/ml



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

R.T.: 18.926 min
Delta R.T.: 0.000 min
Response: 10655106
Conc: 92.86 ug/ml

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