

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG122024AR\
 Data File : FG015005.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2024 14:24
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Dec 20 15:41:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 122024.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 20 15:37:30 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...	8.007	11856188	96.273 ug/ml
Spiked Amount 50.000		Recovery =	192.55%
6) S 2-Fluorobiphenyl (SURR)	8.886	8175231	95.879 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	191.76%#
11) S ortho-Terphenyl (SURR)	11.967	13792895	95.614 ug/ml
Spiked Amount 50.000		Recovery =	191.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.593	12407523	96.405 ug/ml
2) T Naphthalene (C11.7)	6.274	13143606	96.755 ug/ml
3) T 2-Methylnaphthalene (...)	7.377	13024860	96.504 ug/ml
5) T Acenaphthylene (C15.06)	8.687	13490848	96.110 ug/ml
7) T Acenaphthene (C15.5)	8.989	13171767	96.187 ug/ml
8) T Fluorene (C16.55)	9.782	13573561	96.055 ug/ml
9) T Phenanthrene (C19.36)	11.195	13571996	95.962 ug/ml
10) T Anthracene (C19.43)	11.273	13129084	95.494 ug/ml
12) T Fluoranthene (C21.85)	13.027	13735369	95.573 ug/ml
13) T Pyrene (C20.8)	13.328	13684607	95.509 ug/ml
14) T Benzo[a]anthracene (C...	15.216	13545985	95.252 ug/ml
15) T Chrysene (C27.41)	15.265	13381152	94.924 ug/ml
16) T benzo[b]fluoranthene ...	16.781	13449170	95.337 ug/ml
17) T Bnezo[k]fluoranthene ...	16.822	13018451	94.022 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.166	12581309	94.734 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.544	12243661	96.590 ug/ml
20) T Dibenz[a,h]anthracene...	18.585	12030065	92.320 ug/ml
21) T Benzo[g,h,i]perylene ...	18.808	12360188	94.808 ug/ml

(f)=RT Delta > 1/2 Window

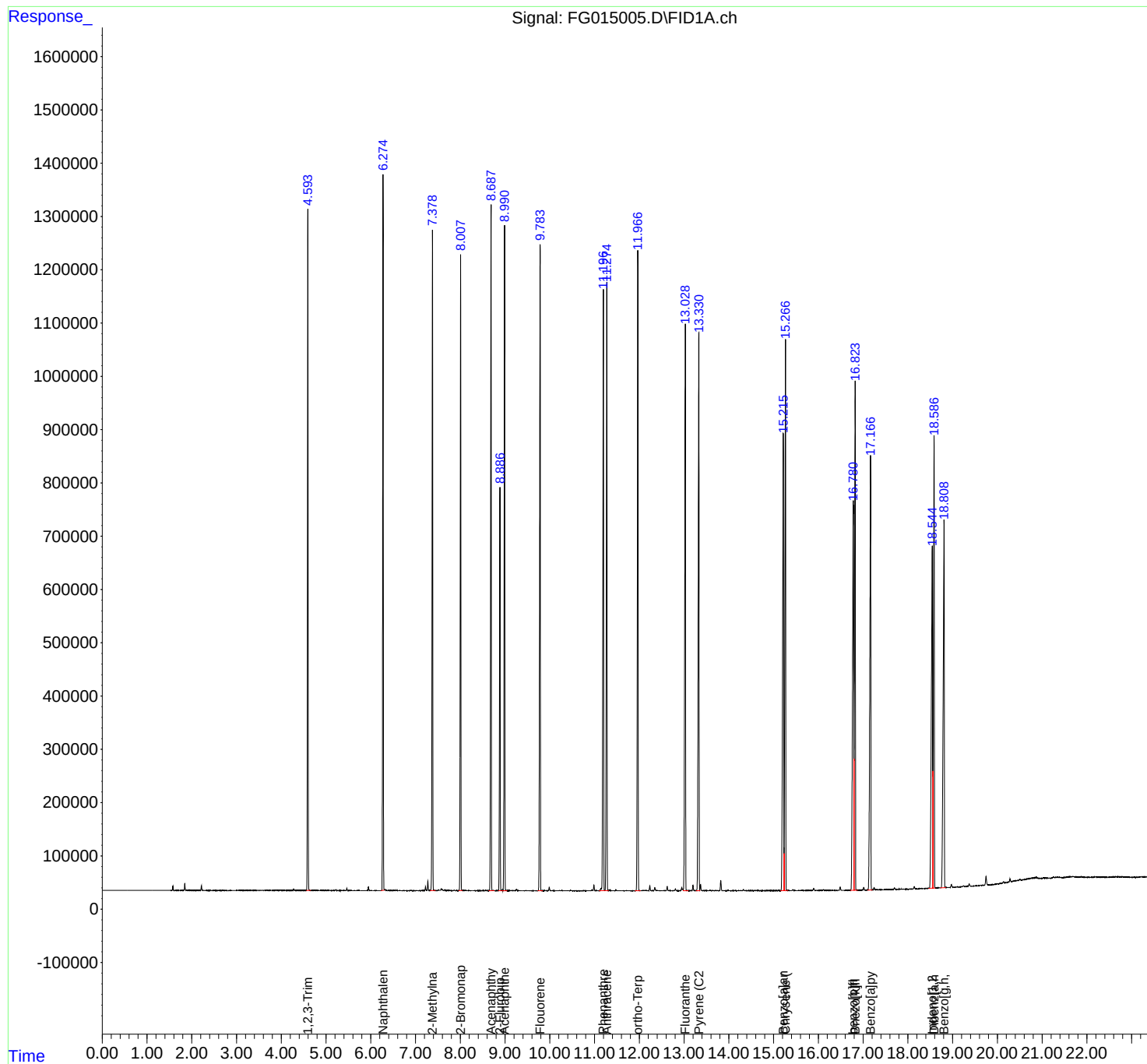
(m)=manual int.

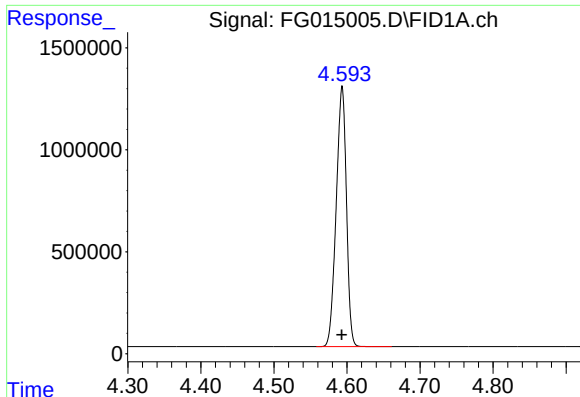
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#1 1,2,3-Trimethylbenzene (C10.1)

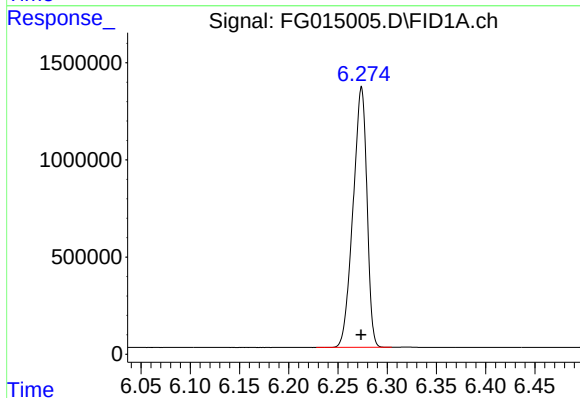
R.T.: 4.593 min
Delta R.T.: 0.000 min
Response: 12407523
Conc: 96.41 ug/ml

Instrument :

FID_G

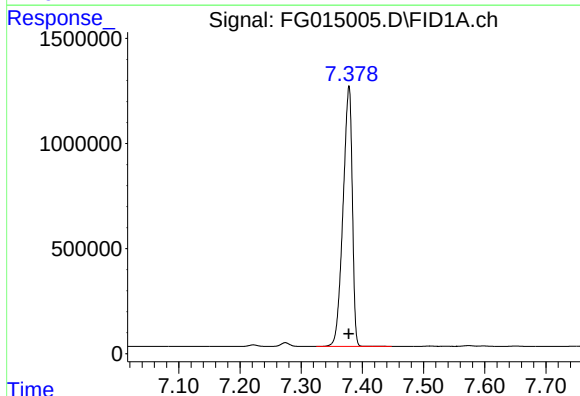
ClientSampleId :

100 PPM AROMATIC HC STD1



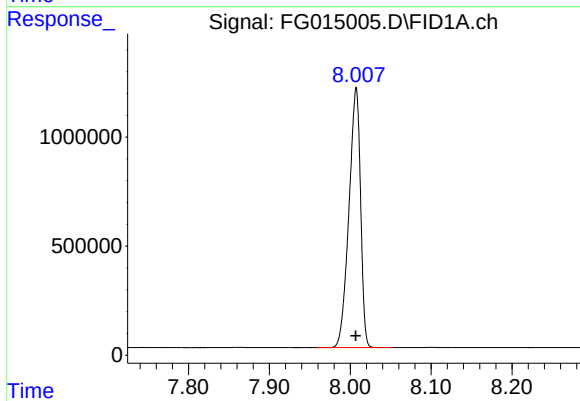
#2 Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 13143606
Conc: 96.76 ug/ml



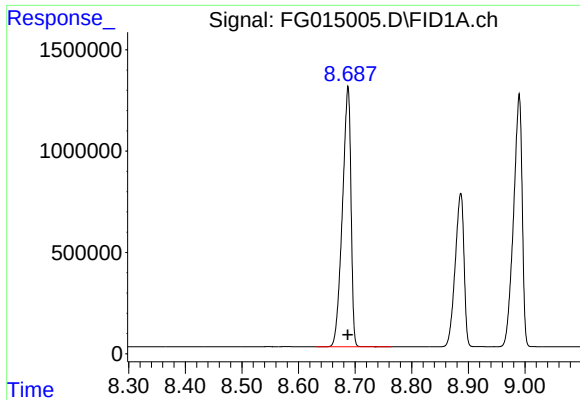
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.377 min
Delta R.T.: 0.000 min
Response: 13024860
Conc: 96.50 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.007 min
Delta R.T.: 0.000 min
Response: 11856188
Conc: 96.27 ug/ml



#5 Acenaphthylene (C15.06)

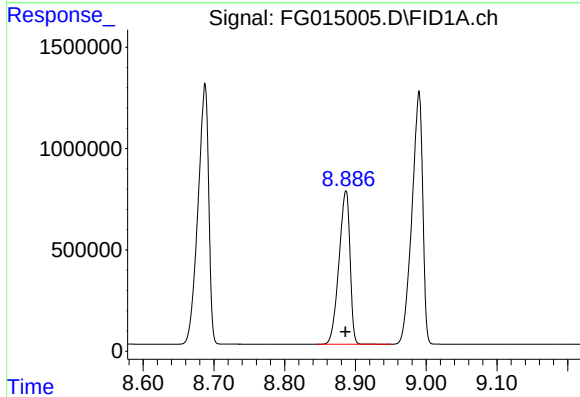
R.T.: 8.687 min
Delta R.T.: 0.000 min
Response: 13490848
Conc: 96.11 ug/ml

Instrument :

FID_G

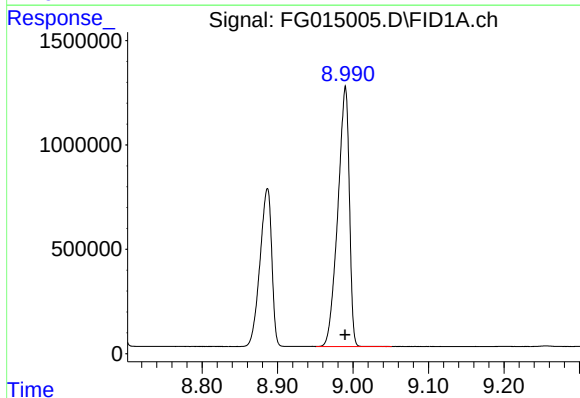
ClientSampleId :

100 PPM AROMATIC HC STD1



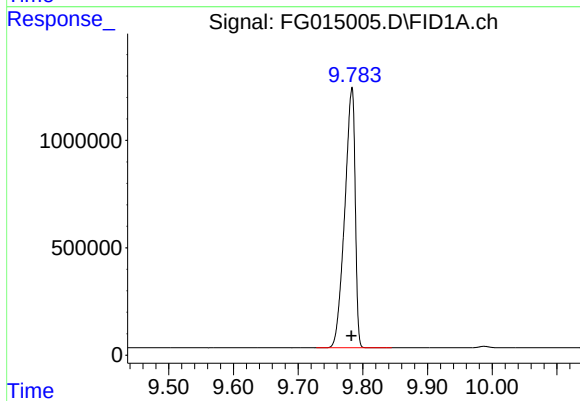
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.886 min
Delta R.T.: 0.000 min
Response: 8175231
Conc: 95.88 ug/ml



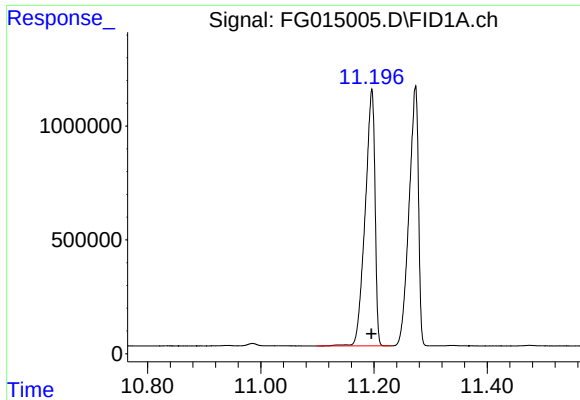
#7 Acenaphthene (C15.5)

R.T.: 8.989 min
Delta R.T.: 0.000 min
Response: 13171767
Conc: 96.19 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.782 min
Delta R.T.: 0.000 min
Response: 13573561
Conc: 96.05 ug/ml



#9 Phenanthrene (C19.36)

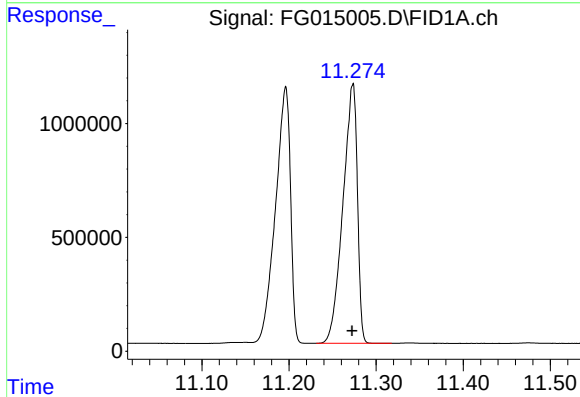
R.T.: 11.195 min
Delta R.T.: 0.000 min
Response: 13571996
Conc: 95.96 ug/ml

Instrument :

FID_G

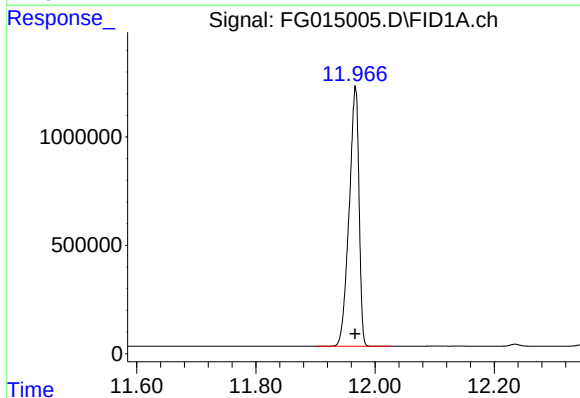
ClientSampleId :

100 PPM AROMATIC HC STD1



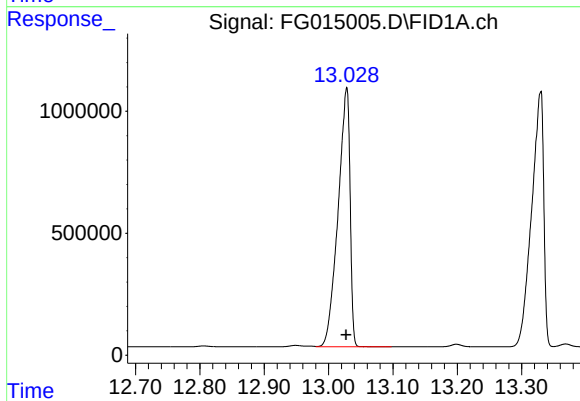
#10 Anthracene (C19.43)

R.T.: 11.273 min
Delta R.T.: 0.000 min
Response: 13129084
Conc: 95.49 ug/ml



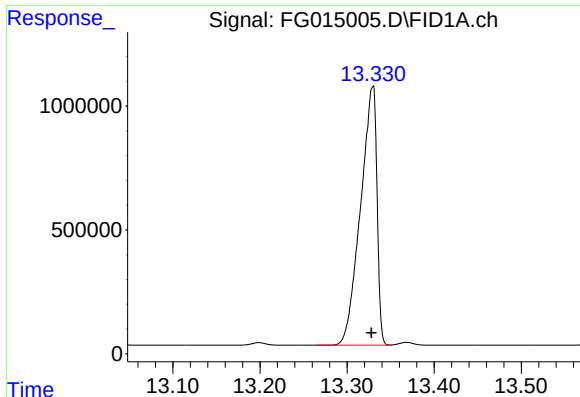
#11 ortho-Terphenyl (SURR)

R.T.: 11.967 min
Delta R.T.: 0.000 min
Response: 13792895
Conc: 95.61 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.027 min
Delta R.T.: 0.000 min
Response: 13735369
Conc: 95.57 ug/ml



#13 Pyrene (C20.8)

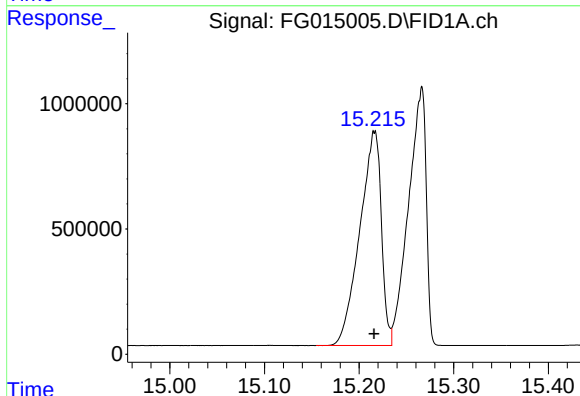
R.T.: 13.328 min
Delta R.T.: 0.000 min
Response: 13684607
Conc: 95.51 ug/ml

Instrument :

FID_G

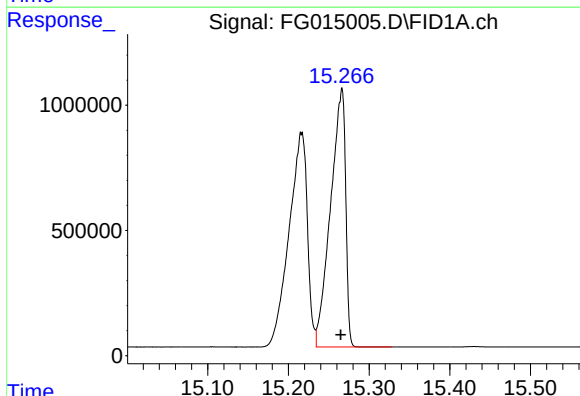
ClientSampleId :

100 PPM AROMATIC HC STD1



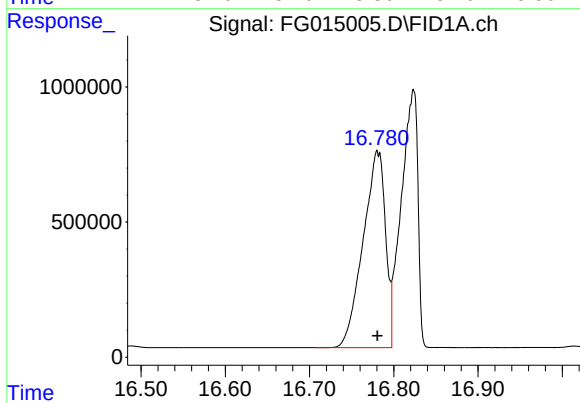
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.216 min
Delta R.T.: 0.000 min
Response: 13545985
Conc: 95.25 ug/ml



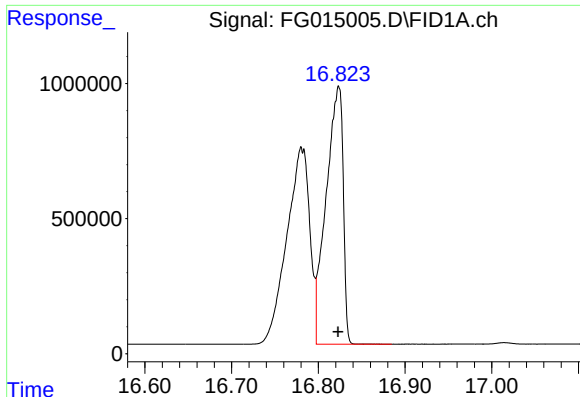
#15 Chrysene (C27.41)

R.T.: 15.265 min
Delta R.T.: 0.000 min
Response: 13381152
Conc: 94.92 ug/ml



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

R.T.: 16.781 min
Delta R.T.: 0.000 min
Response: 13449170
Conc: 95.34 ug/ml



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

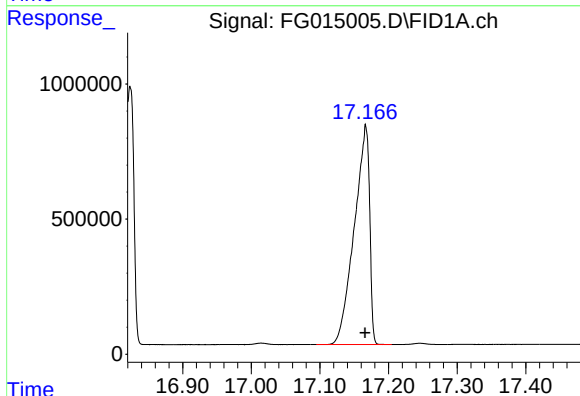
R.T.: 16.822 min
Delta R.T.: 0.000 min
Response: 13018451
Conc: 94.02 ug/ml

Instrument :

FID_G

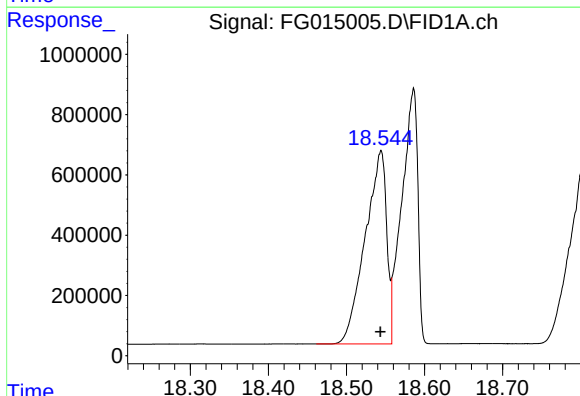
ClientSampleId :

100 PPM AROMATIC HC STD1



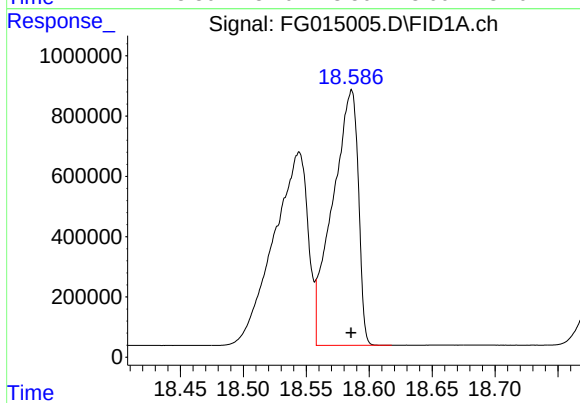
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.166 min
Delta R.T.: 0.000 min
Response: 12581309
Conc: 94.73 ug/ml



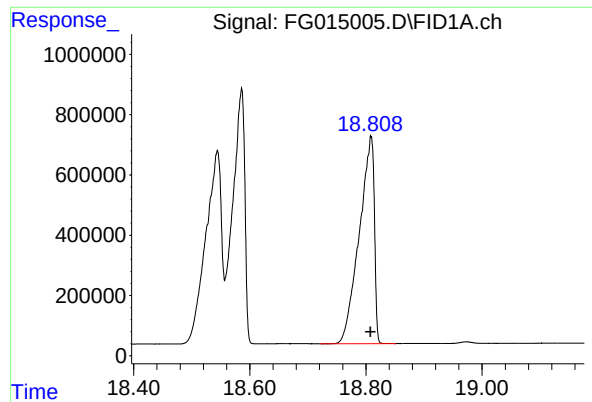
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.544 min
Delta R.T.: 0.000 min
Response: 12243661
Conc: 96.59 ug/ml



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

R.T.: 18.585 min
Delta R.T.: 0.000 min
Response: 12030065
Conc: 92.32 ug/ml



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

R.T.: 18.808 min
Delta R.T.: 0.000 min
Response: 12360188
Conc: 94.81 ug/ml

Instrument :

FID_G

ClientSampleId :

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