

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082825AR\
 Data File : FG016441.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2025 15:56
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Aug 29 04:55:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 04:51:23 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...	8.109	1085787	10.170 ug/ml
Spiked Amount 50.000		Recovery =	20.34%
6) S 2-Fluorobiphenyl (SURR)	8.993	731751	10.102 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.20%
11) S ortho-Terphenyl (SURR)	12.075	1289316	10.240 ug/ml
Spiked Amount 50.000		Recovery =	20.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.695	1231060	10.356 ug/ml
2) T Naphthalene (C11.7)	6.377	1273896	10.191 ug/ml
3) T 2-Methylnaphthalene (...)	7.480	1241337	9.955 ug/ml
5) T Acenaphthylene (C15.06)	8.791	1242360	10.023 ug/ml
7) T Acenaphthene (C15.5)	9.092	1307292	10.279 ug/ml
8) T Flouorene (C16.55)	9.887	1254069	10.223 ug/ml
9) T Phenanthrene (C19.36)	11.305	1225425	10.089 ug/ml
10) T Anthracene (C19.43)	11.381	1242899	10.302 ug/ml
12) T Fluoranthene (C21.85)	13.140	1238400	10.221 ug/ml
13) T Pyrene (C20.8)	13.442	1219809	10.200 ug/ml
14) T Benzo[a]anthracene (C...	15.334	1144781	10.092 ug/ml
15) T Chrysene (C27.41)	15.377	1222342	10.370 ug/ml
16) T benzo[b]fluoranthene ...	16.904	1155656	10.009 ug/ml
17) T Bnezo[k]fluoranthene ...	16.936	1179947	10.494 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.289	1186512	10.277 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.671	1024813	9.900 ug/ml
20) T Dibenz[a,h]anthracene...	18.709	1367066	10.746 ug/ml
21) T Benzo[g,h,i]perylene ...	18.927	1268573	10.326 ug/ml

(f)=RT Delta > 1/2 Window

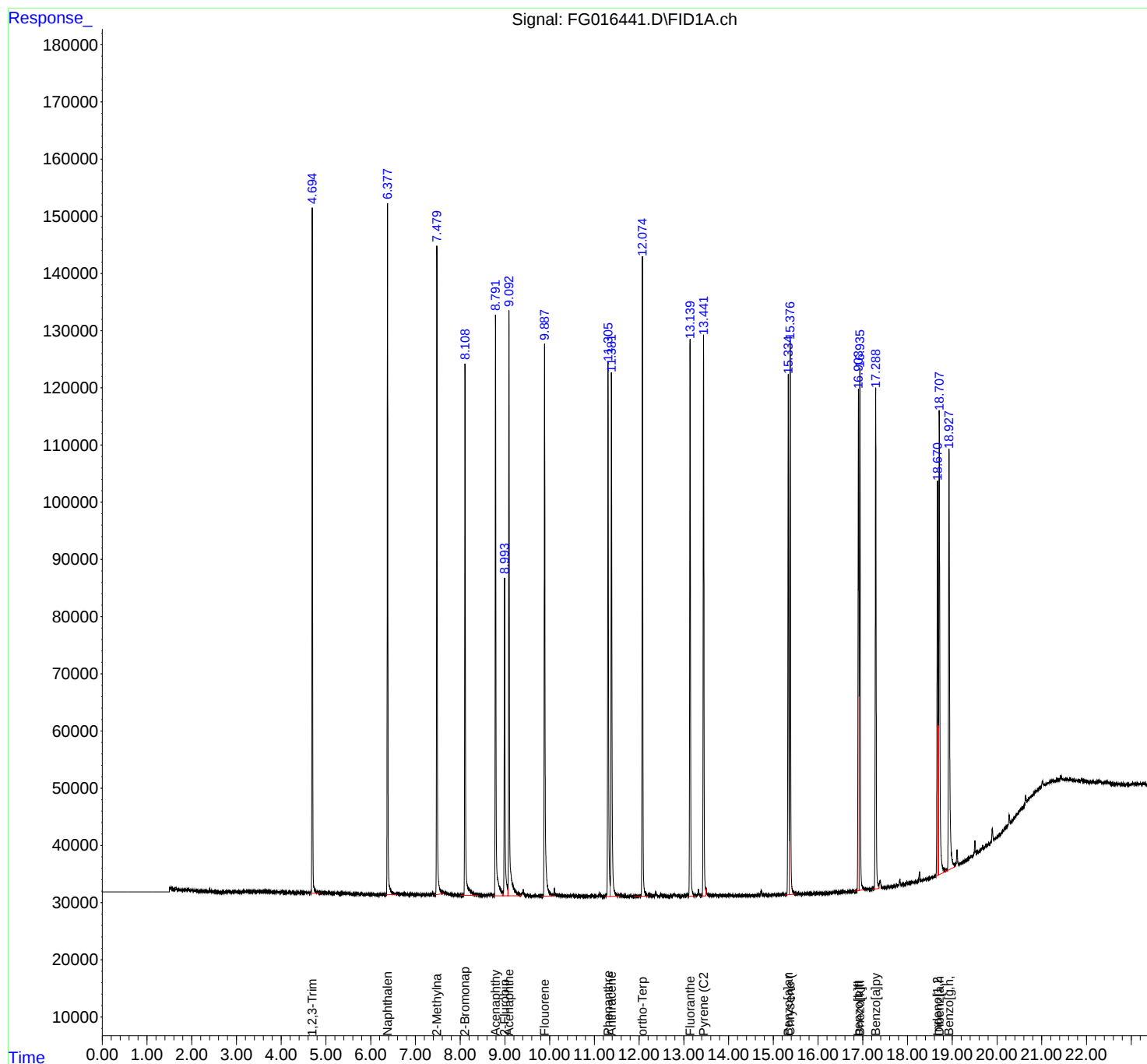
(m)=manual int.

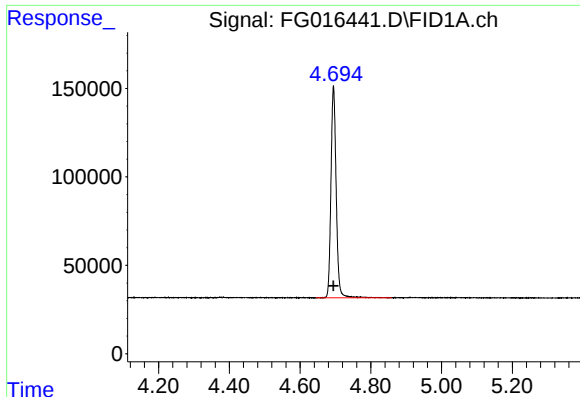
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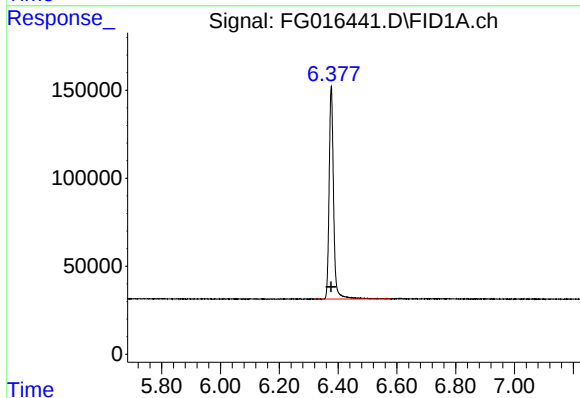




#1 1,2,3-Trimethylbenzene (C10.1)

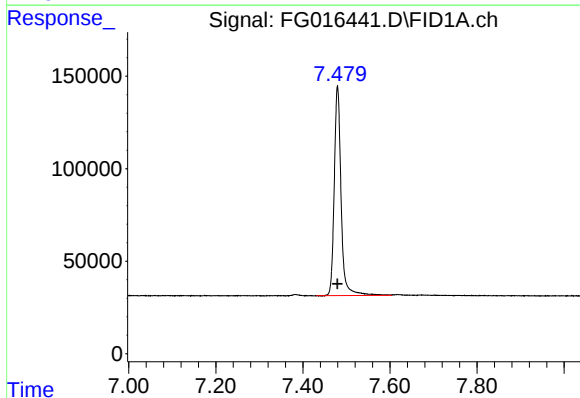
R.T.: 4.695 min
Delta R.T.: 0.000 min
Response: 1231060
Conc: 10.36 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



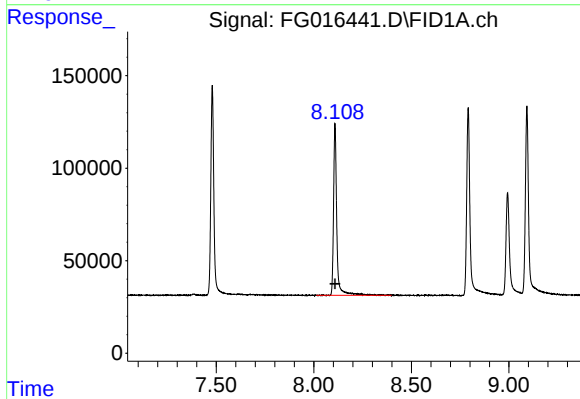
#2 Naphthalene (C11.7)

R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 1273896
Conc: 10.19 ug/ml



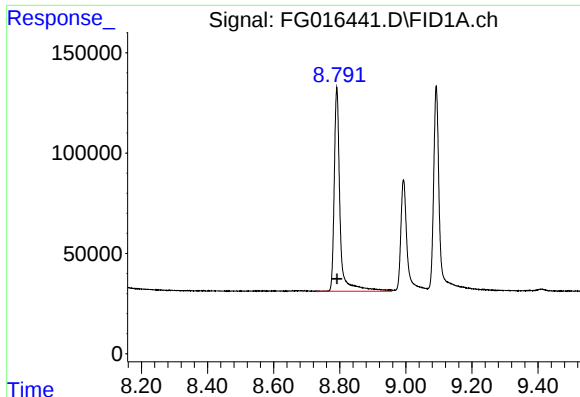
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.480 min
Delta R.T.: 0.000 min
Response: 1241337
Conc: 9.95 ug/ml



#4 2-Bromonaphthalene (SURR)

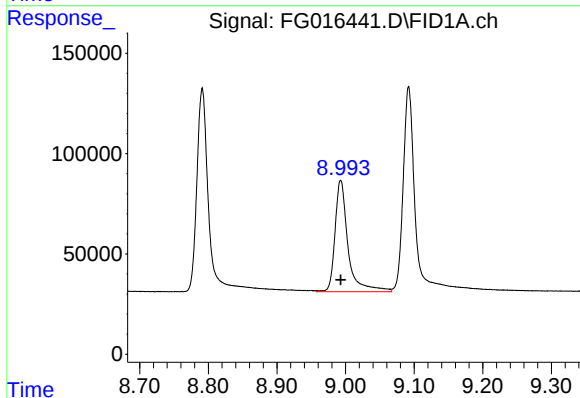
R.T.: 8.109 min
Delta R.T.: 0.000 min
Response: 1085787
Conc: 10.17 ug/ml



#5 Acenaphthylene (C15.06)

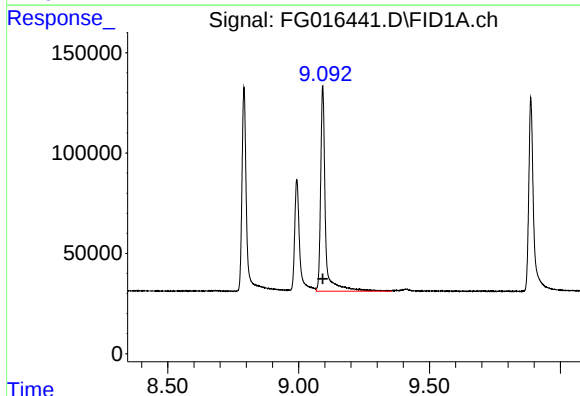
R.T.: 8.791 min
Delta R.T.: 0.000 min
Response: 1242360
Conc: 10.02 ug/ml

Instrument :
FID_G
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10 PPM AROMATIC HC STD4



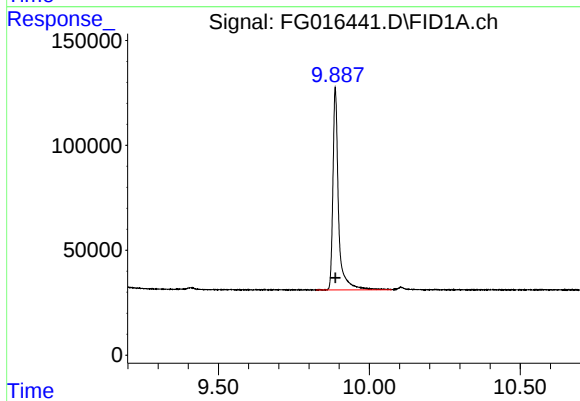
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.993 min
Delta R.T.: 0.000 min
Response: 731751
Conc: 10.10 ug/ml



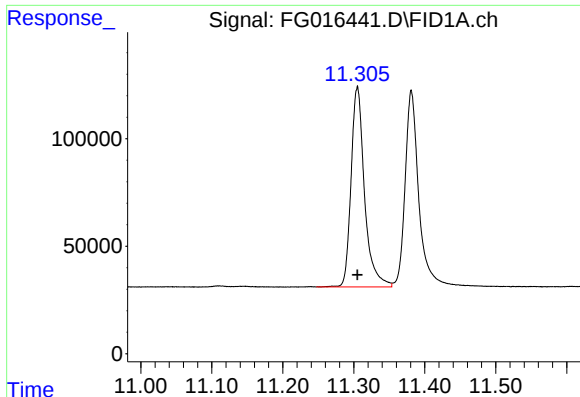
#7 Acenaphthene (C15.5)

R.T.: 9.092 min
Delta R.T.: 0.000 min
Response: 1307292
Conc: 10.28 ug/ml



#8 Fluorene (C16.55)

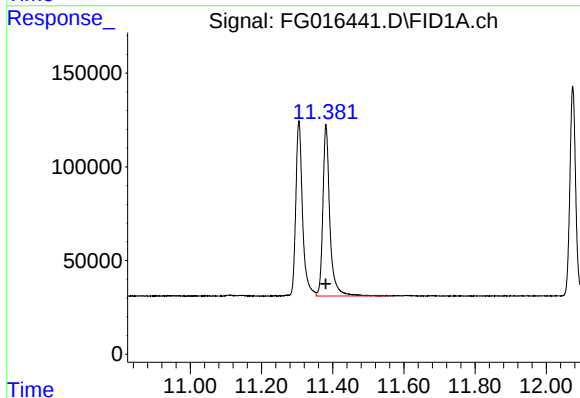
R.T.: 9.887 min
Delta R.T.: 0.000 min
Response: 1254069
Conc: 10.22 ug/ml



#9 Phenanthrene (C19.36)

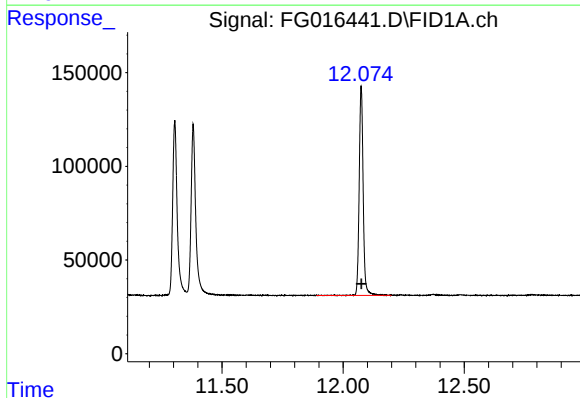
R.T.: 11.305 min
Delta R.T.: 0.000 min
Response: 1225425
Conc: 10.09 ug/ml

Instrument :
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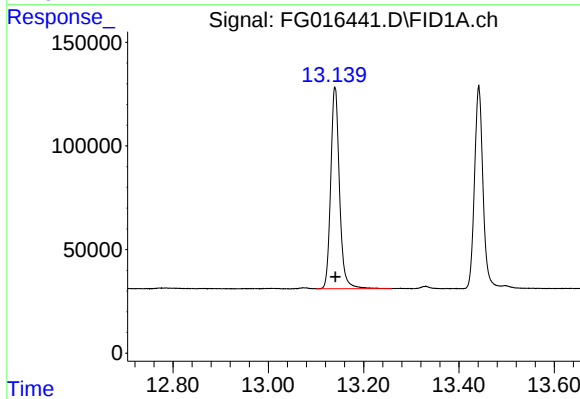
#10 Anthracene (C19.43)

R.T.: 11.381 min
Delta R.T.: 0.000 min
Response: 1242899
Conc: 10.30 ug/ml



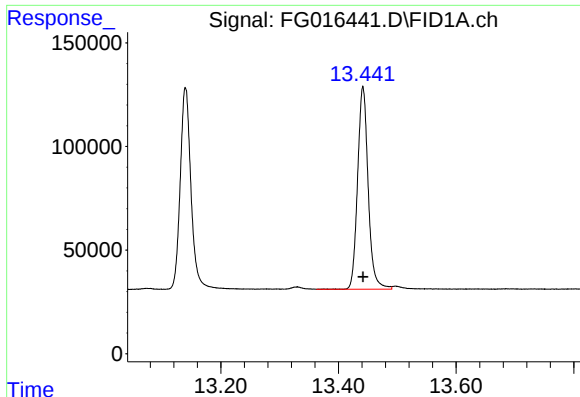
#11 ortho-Terphenyl (SURR)

R.T.: 12.075 min
Delta R.T.: 0.000 min
Response: 1289316
Conc: 10.24 ug/ml



#12 Fluoranthene (C21.85)

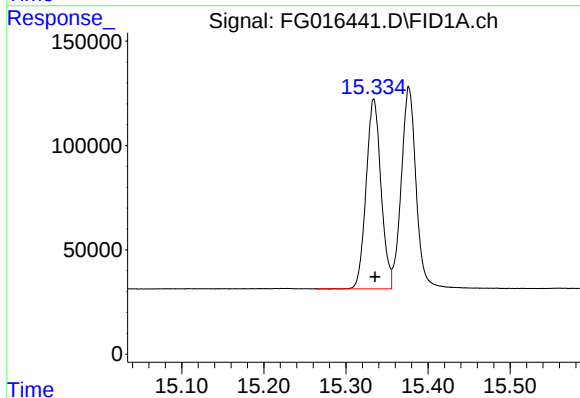
R.T.: 13.140 min
Delta R.T.: 0.000 min
Response: 1238400
Conc: 10.22 ug/ml



#13 Pyrene (C20.8)

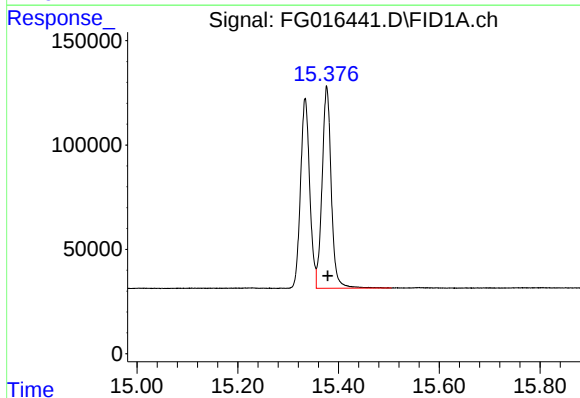
R.T.: 13.442 min
Delta R.T.: 0.000 min
Response: 1219809
Conc: 10.20 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



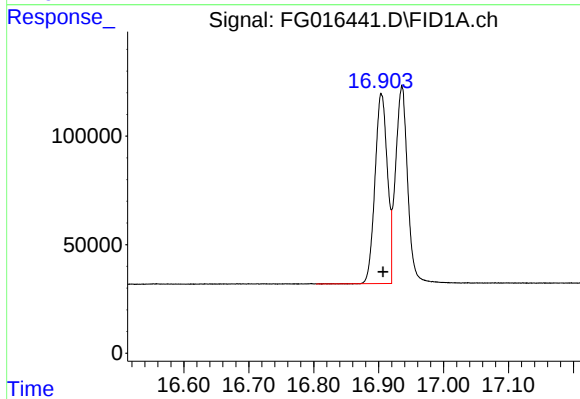
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.334 min
Delta R.T.: -0.001 min
Response: 1144781
Conc: 10.09 ug/ml



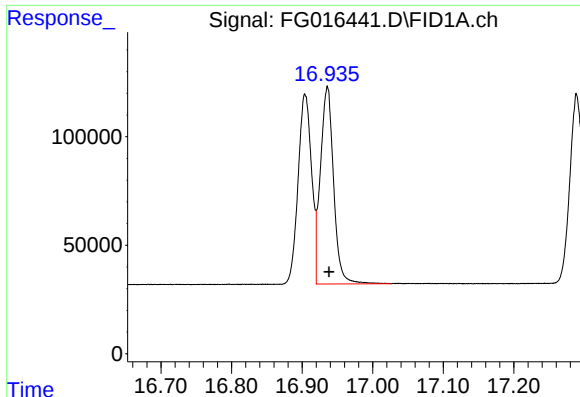
#15 Chrysene (C27.41)

R.T.: 15.377 min
Delta R.T.: -0.002 min
Response: 1222342
Conc: 10.37 ug/ml



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

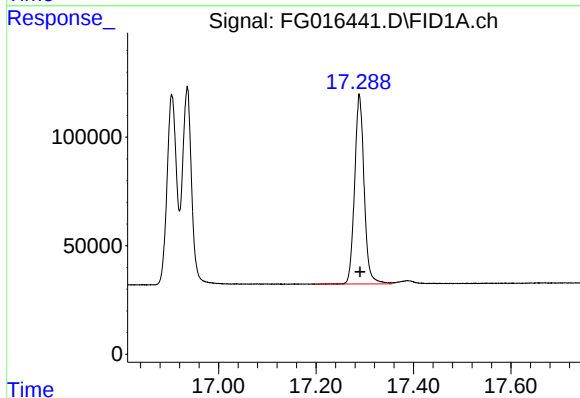
R.T.: 16.904 min
Delta R.T.: -0.003 min
Response: 1155656
Conc: 10.01 ug/ml



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

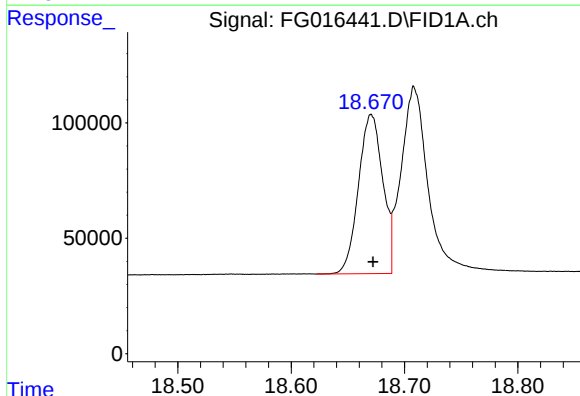
R.T.: 16.936 min
Delta R.T.: -0.002 min
Response: 1179947
Conc: 10.49 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



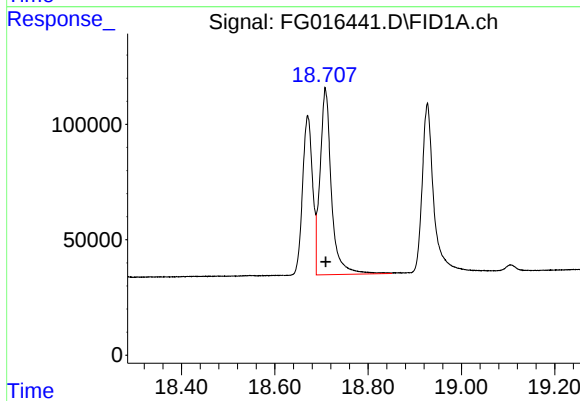
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.289 min
Delta R.T.: -0.001 min
Response: 1186512
Conc: 10.28 ug/ml



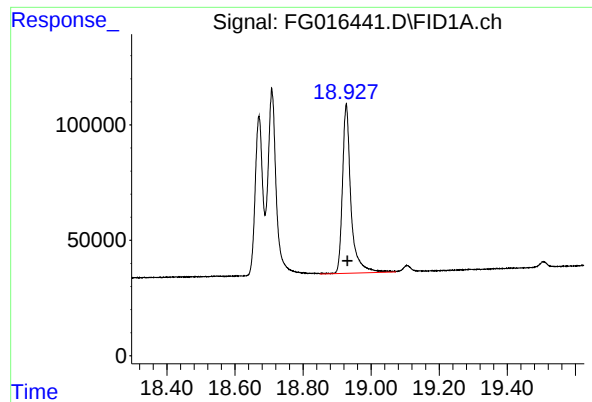
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.671 min
Delta R.T.: -0.002 min
Response: 1024813
Conc: 9.90 ug/ml



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

R.T.: 18.709 min
Delta R.T.: -0.001 min
Response: 1367066
Conc: 10.75 ug/ml



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

R.T.: 18.927 min
Delta R.T.: -0.004 min
Response: 1268573
Conc: 10.33 ug/ml

Instrument :

FID_G

ClientSampleId :

10 PPM AROMATIC HC STD4