

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325AR\
 Data File : FG016085.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jun 2025 21:25
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jun 16 05:21:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 05:20:17 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...	8.128	1140337	10.337 ug/ml
Spiked Amount 50.000		Recovery =	20.67%
6) S 2-Fluorobiphenyl (SURR)	9.008	788581	10.339 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.68%
11) S ortho-Terphenyl (SURR)	12.092	1349168	10.335 ug/ml
Spiked Amount 50.000		Recovery =	20.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.719	1240372	10.358 ug/ml
2) T Naphthalene (C11.7)	6.397	1310691	10.345 ug/ml
3) T 2-Methylnaphthalene (...)	7.498	1335552	10.342 ug/ml
5) T Acenaphthylene (C15.06)	8.808	1321962	10.337 ug/ml
7) T Acenaphthene (C15.5)	9.110	1316823	10.327 ug/ml
8) T Fluorene (C16.55)	9.903	1320524	10.339 ug/ml
9) T Phenanthrene (C19.36)	11.318	1322650	10.337 ug/ml
10) T Anthracene (C19.43)	11.393	1328287	10.363 ug/ml
12) T Fluoranthene (C21.85)	13.149	1334027	10.353 ug/ml
13) T Pyrene (C20.8)	13.450	1321624	10.354 ug/ml
14) T Benzo[a]anthracene (C...	15.339	1306014	10.368 ug/ml
15) T Chrysene (C27.41)	15.382	1317590	10.373 ug/ml
16) T benzo[b]fluoranthene ...	16.904	1305422	10.381 ug/ml
17) T Bnezo[k]fluoranthene ...	16.936	1231397	10.390 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.287	1273823	10.381 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.662	1159111	10.344 ug/ml
20) T Dibenz[a,h]anthracene...	18.704	1248068	10.525 ug/ml
21) T Benzo[g,h,i]perylene ...	18.919	1217911	10.359 ug/ml

(f)=RT Delta > 1/2 Window

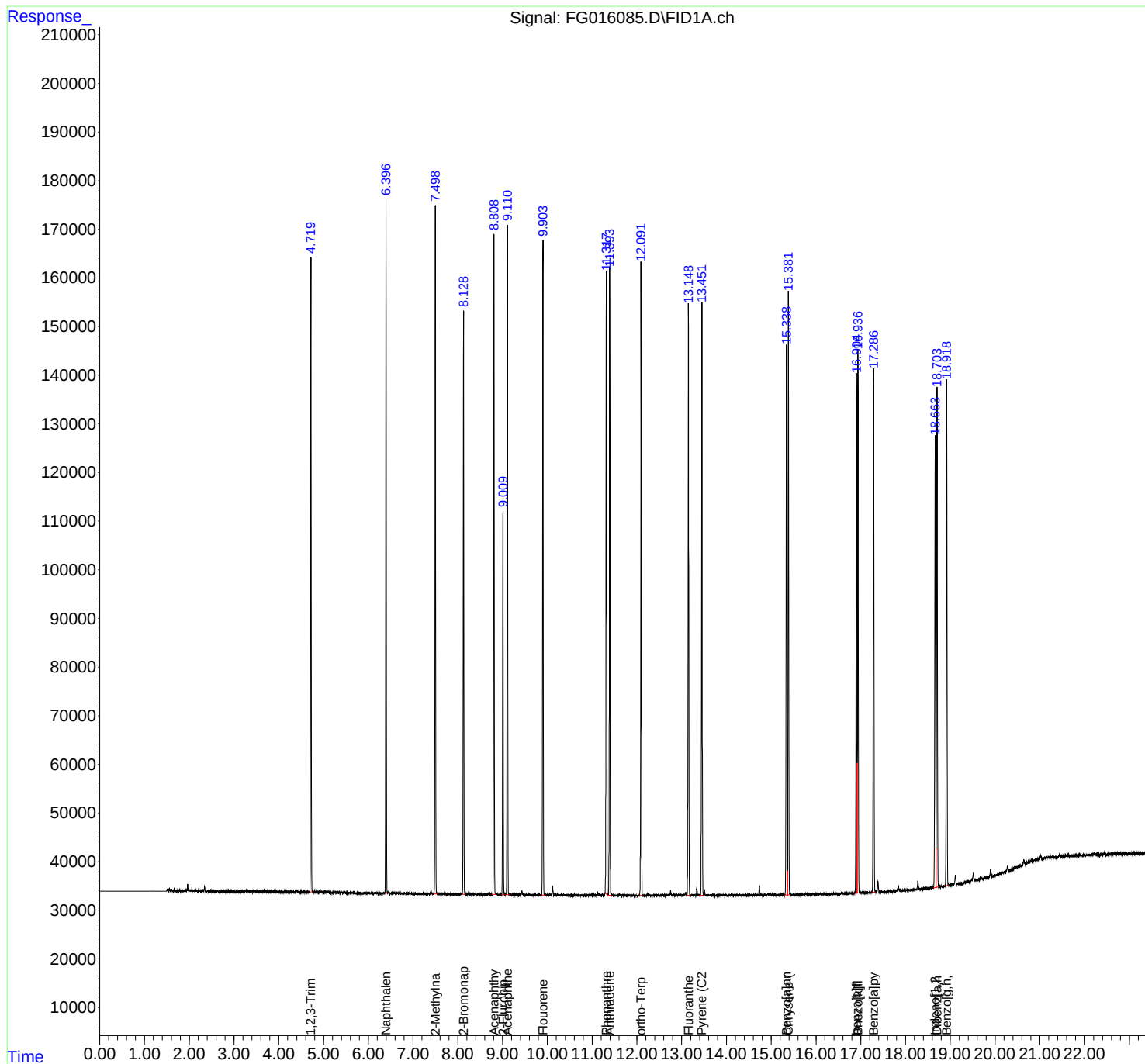
(m)=manual int.

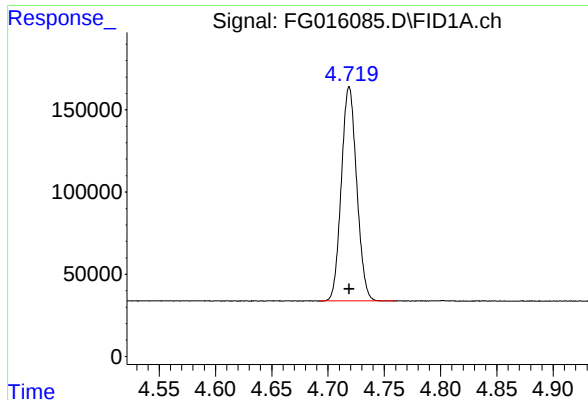
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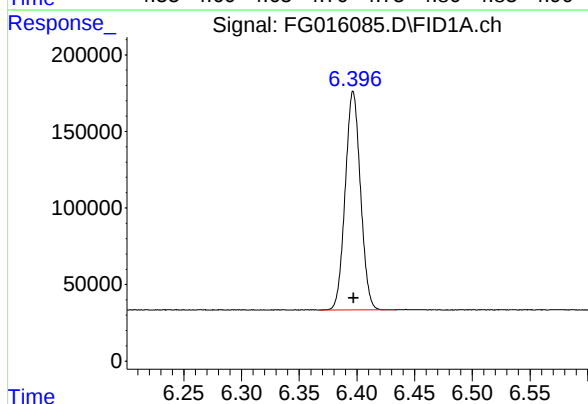




#1 1,2,3-Trimethylbenzene (C10.1)

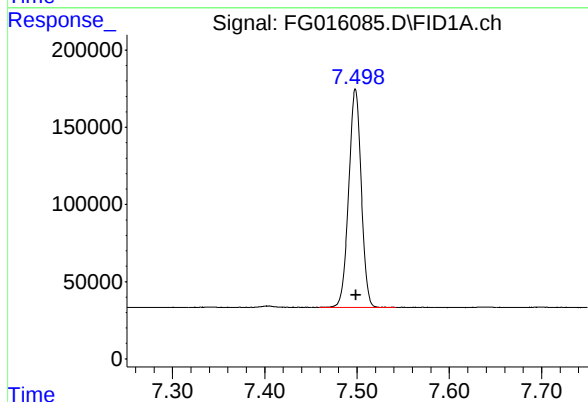
R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 1240372
Conc: 10.36 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



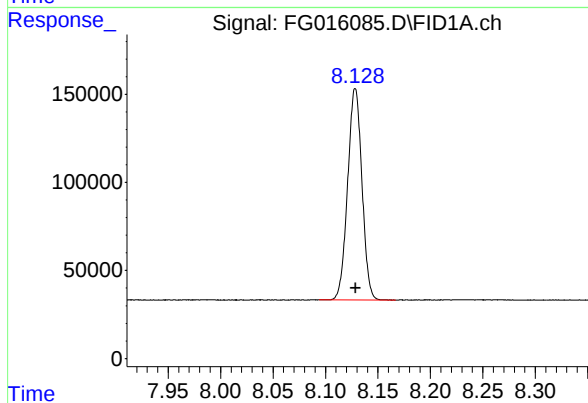
#2 Naphthalene (C11.7)

R.T.: 6.397 min
Delta R.T.: 0.000 min
Response: 1310691
Conc: 10.35 ug/ml



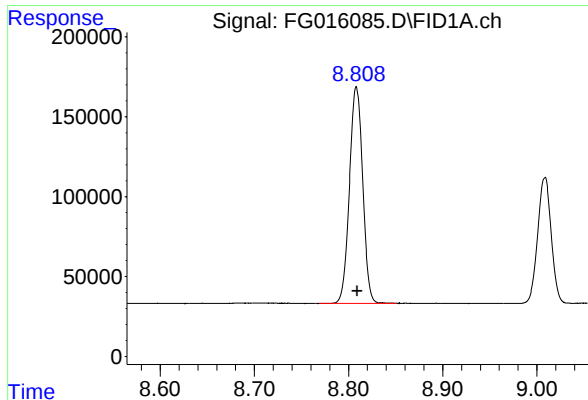
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 1335552
Conc: 10.34 ug/ml



#4 2-Bromonaphthalene (SURR)

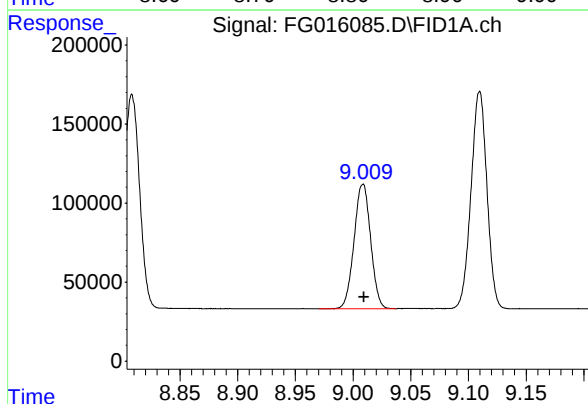
R.T.: 8.128 min
Delta R.T.: 0.000 min
Response: 1140337
Conc: 10.34 ug/ml



#5 Acenaphthylene (C15.06)

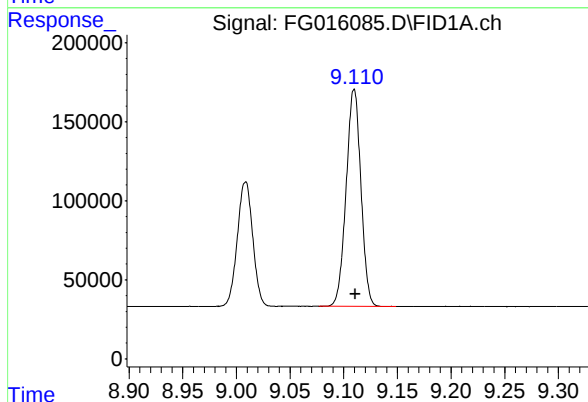
R.T.: 8.808 min
Delta R.T.: 0.000 min
Response: 1321962
Conc: 10.34 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



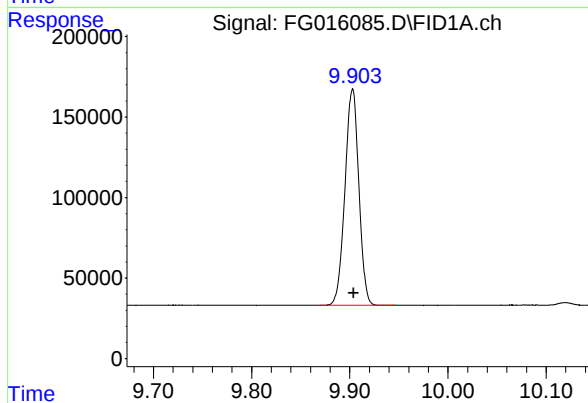
#6 2-Fluorobiphenyl (SURR)

R.T.: 9.008 min
Delta R.T.: 0.000 min
Response: 788581
Conc: 10.34 ug/ml



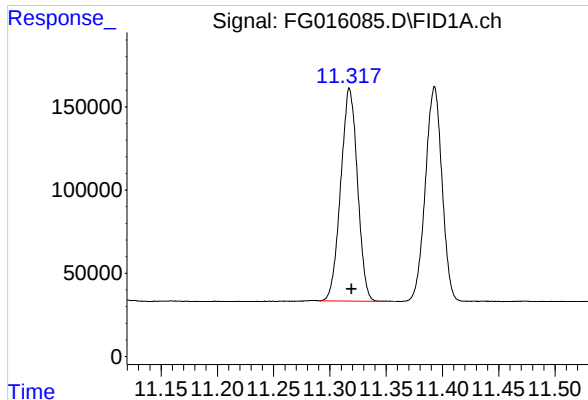
#7 Acenaphthene (C15.5)

R.T.: 9.110 min
Delta R.T.: -0.001 min
Response: 1316823
Conc: 10.33 ug/ml



#8 Flouorene (C16.55)

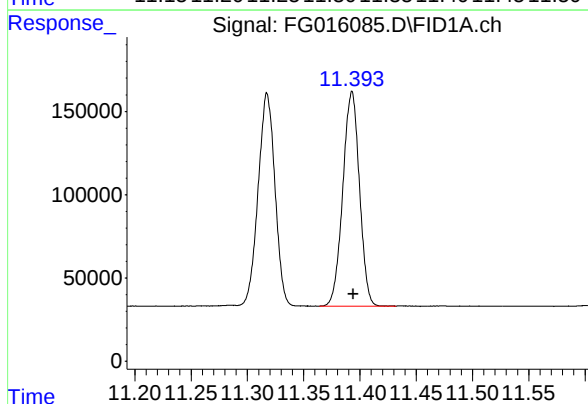
R.T.: 9.903 min
Delta R.T.: -0.001 min
Response: 1320524
Conc: 10.34 ug/ml



#9 Phenanthrene (C19.36)

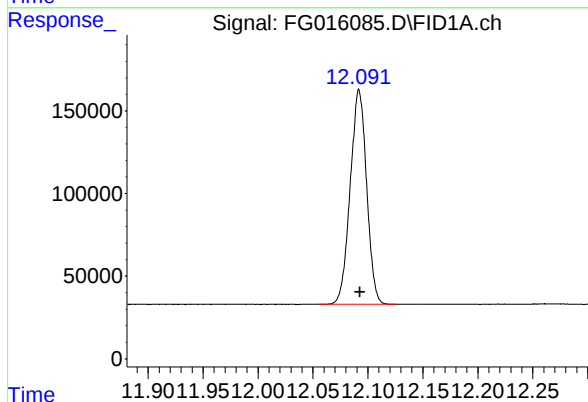
R.T.: 11.318 min
Delta R.T.: -0.002 min
Response: 1322650
Conc: 10.34 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



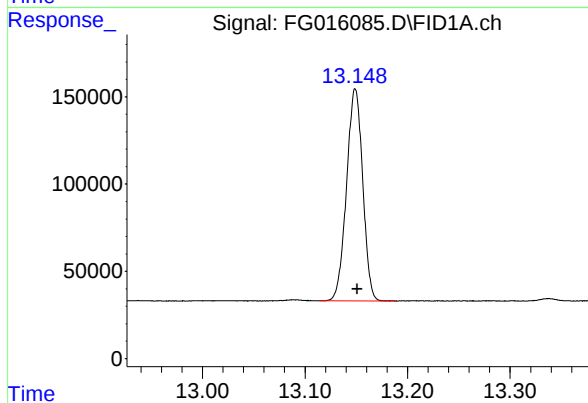
#10 Anthracene (C19.43)

R.T.: 11.393 min
Delta R.T.: -0.001 min
Response: 1328287
Conc: 10.36 ug/ml



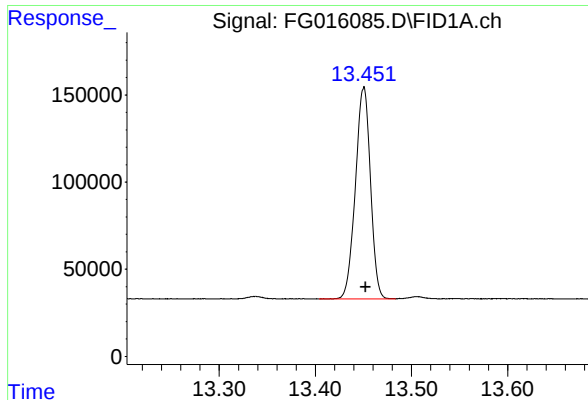
#11 ortho-Terphenyl (SURR)

R.T.: 12.092 min
Delta R.T.: 0.000 min
Response: 1349168
Conc: 10.34 ug/ml



#12 Fluoranthene (C21.85)

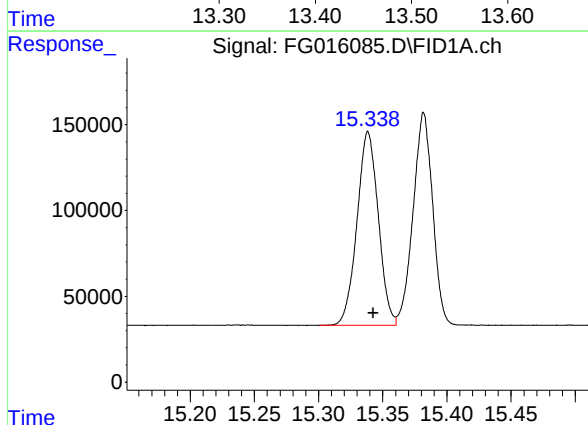
R.T.: 13.149 min
Delta R.T.: -0.002 min
Response: 1334027
Conc: 10.35 ug/ml



#13 Pyrene (C20.8)

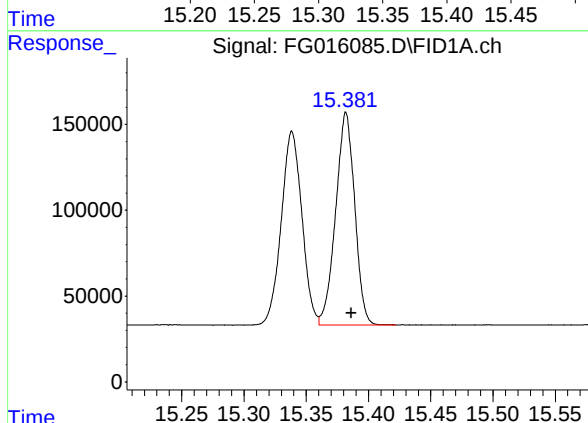
R.T.: 13.450 min
Delta R.T.: -0.002 min
Response: 1321624
Conc: 10.35 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



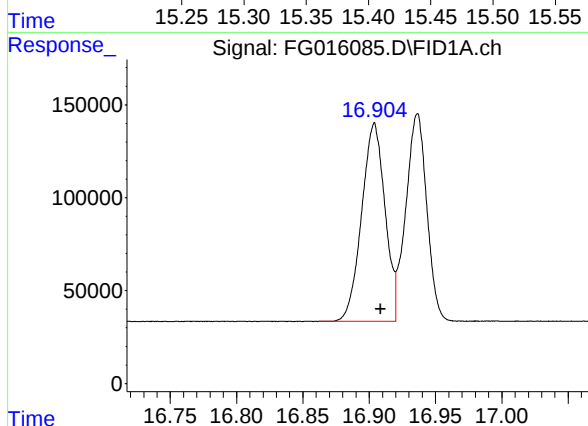
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.339 min
Delta R.T.: -0.004 min
Response: 1306014
Conc: 10.37 ug/ml



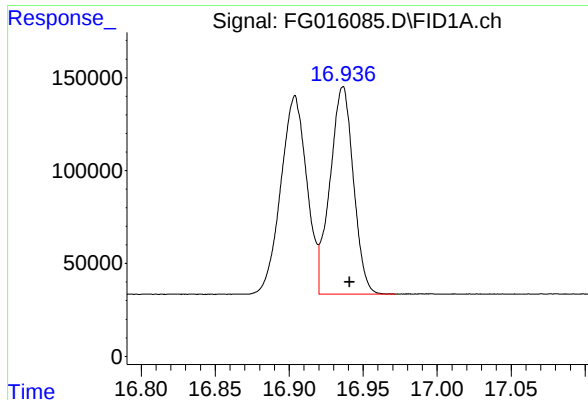
#15 Chrysene (C27.41)

R.T.: 15.382 min
Delta R.T.: -0.004 min
Response: 1317590
Conc: 10.37 ug/ml



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

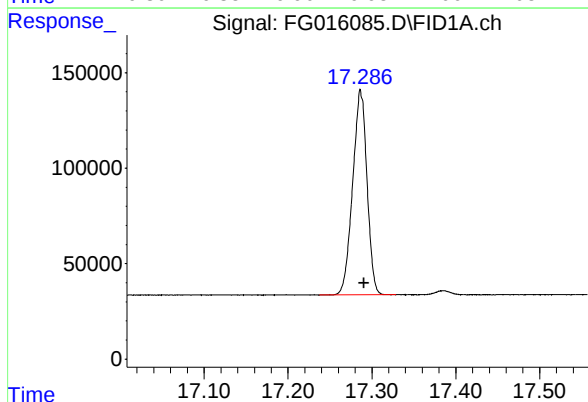
R.T.: 16.904 min
Delta R.T.: -0.005 min
Response: 1305422
Conc: 10.38 ug/ml



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

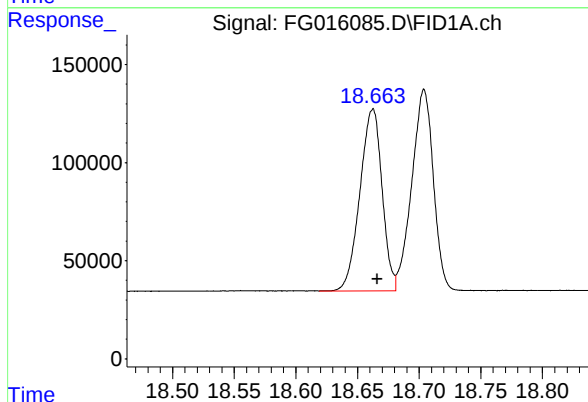
R.T.: 16.936 min
Delta R.T.: -0.005 min
Response: 1231397
Conc: 10.39 ug/ml

Instrument :
FID_G
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10 PPM AROMATIC HC STD4



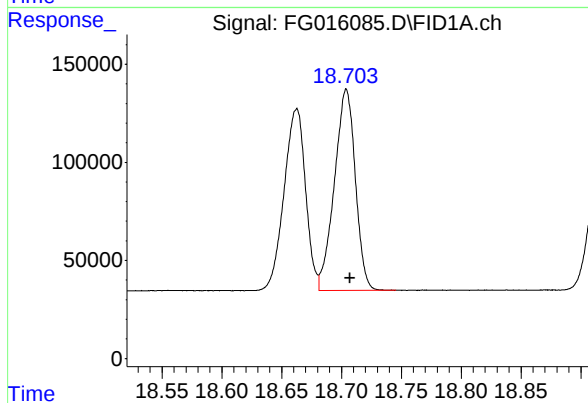
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.287 min
Delta R.T.: -0.004 min
Response: 1273823
Conc: 10.38 ug/ml



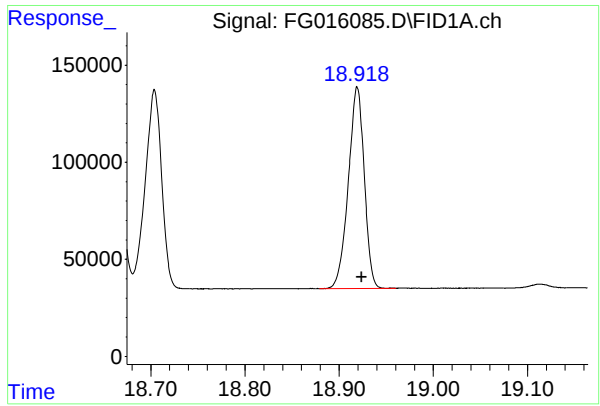
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.662 min
Delta R.T.: -0.004 min
Response: 1159111
Conc: 10.34 ug/ml



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

R.T.: 18.704 min
Delta R.T.: -0.003 min
Response: 1248068
Conc: 10.52 ug/ml



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

R.T.: 18.919 min
Delta R.T.: -0.005 min
Response: 1217911
Conc: 10.36 ug/ml

Instrument :

FID_G

ClientSampleId :

10 PPM AROMATIC HC STD4