

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100225AR\
 Data File : FG016740.D
 Signal(s) : FID1A.ch
 Acq On : 02 Oct 2025 15:21
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 03 01:40:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 01:39:10 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...	8.087	6222984	54.493 ug/ml
Spiked Amount 50.000		Recovery =	108.99%
6) S 2-Fluorobiphenyl (SURR)	8.970	4179331	58.252 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	116.50%
11) S ortho-Terphenyl (SURR)	12.053	7403748	52.555 ug/ml
Spiked Amount 50.000		Recovery =	105.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.673	6887618	52.396 ug/ml
2) T Naphthalene (C11.7)	6.355	7276619	53.123 ug/ml
3) T 2-Methylnaphthalene (...)	7.458	7239639	54.719 ug/ml
5) T Acenaphthylene (C15.06)	8.769	7129012	56.286 ug/ml
7) T Acenaphthene (C15.5)	9.071	7455182	54.476 ug/ml
8) T Flouorene (C16.55)	9.866	7150116	54.447 ug/ml
9) T Phenanthrene (C19.36)	11.283	6982886	55.163 ug/ml
10) T Anthracene (C19.43)	11.359	6902169	48.393 ug/ml
12) T Fluoranthene (C21.85)	13.117	7151938	52.565 ug/ml
13) T Pyrene (C20.8)	13.419	7169168	52.205 ug/ml
14) T Benzo[a]anthracene (C...	15.313	6425367	56.214 ug/ml
15) T Chrysene (C27.41)	15.358	7135692	50.291 ug/ml
16) T benzo[b]fluoranthene ...	16.883	6350450	58.673 ug/ml
17) T Bnezo[k]fluoranthene ...	16.918	6592046	48.010 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.266	6236805	54.124 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.647	4806005	62.487 ug/ml
20) T Dibenz[a,h]anthracene...	18.685	7110629	48.283 ug/ml
21) T Benzo[g,h,i]perylene ...	18.905	5866780	53.268 ug/ml

(f)=RT Delta > 1/2 Window

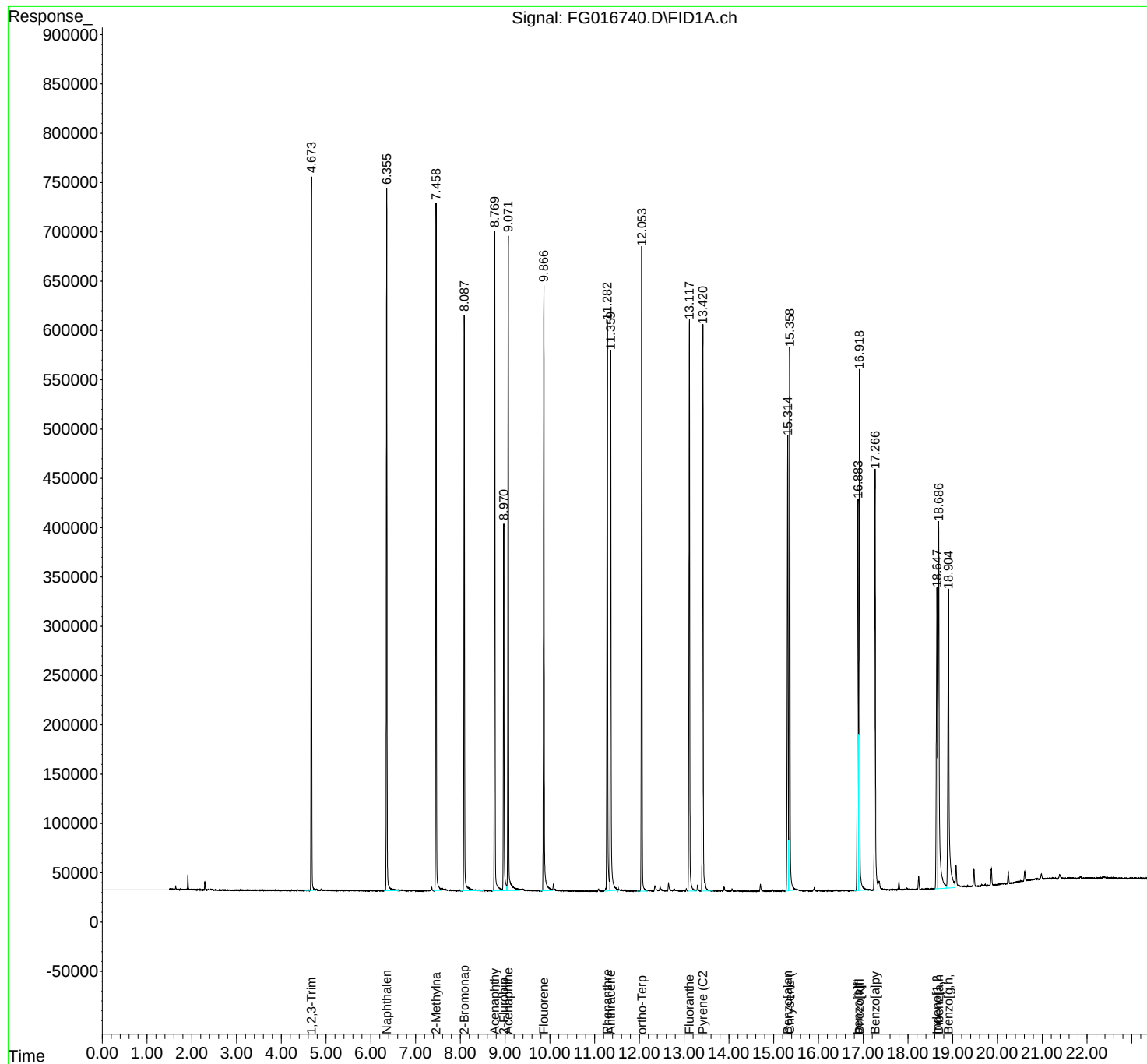
(m)=manual int.

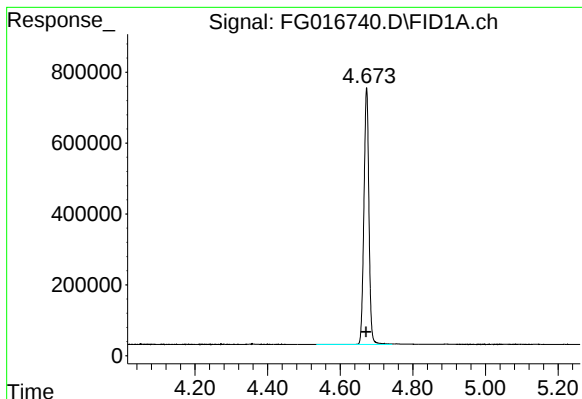
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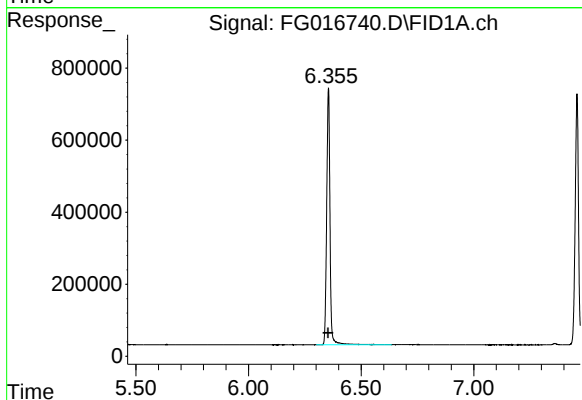




#1 1,2,3-Trimethylbenzene (C10.1)

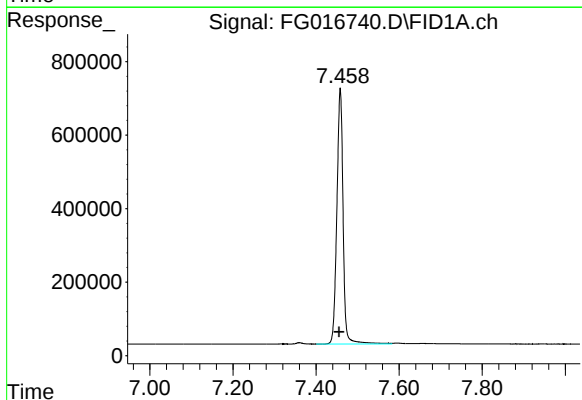
R.T.: 4.673 min
Delta R.T.: 0.002 min
Response: 6887618
Conc: 52.40 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



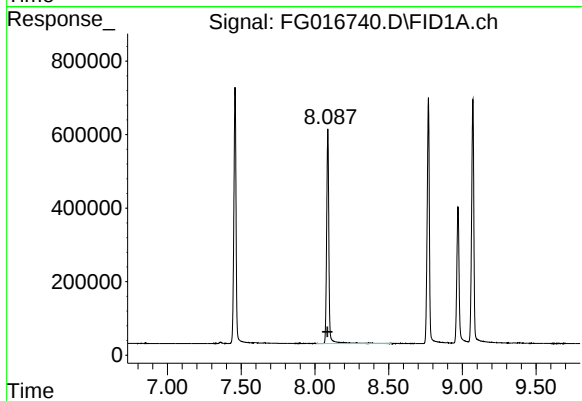
#2 Naphthalene (C11.7)

R.T.: 6.355 min
Delta R.T.: 0.002 min
Response: 7276619
Conc: 53.12 ug/ml



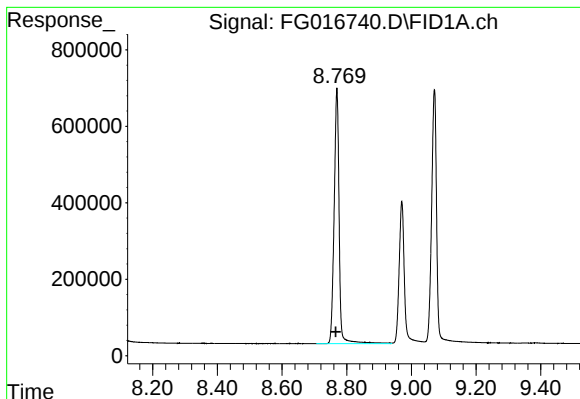
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.458 min
Delta R.T.: 0.003 min
Response: 7239639
Conc: 54.72 ug/ml



#4 2-Bromonaphthalene (SURR)

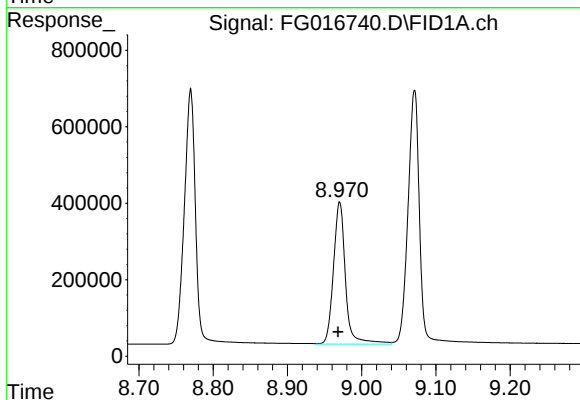
R.T.: 8.087 min
Delta R.T.: 0.002 min
Response: 6222984
Conc: 54.49 ug/ml



#5 Acenaphthylene (C15.06)

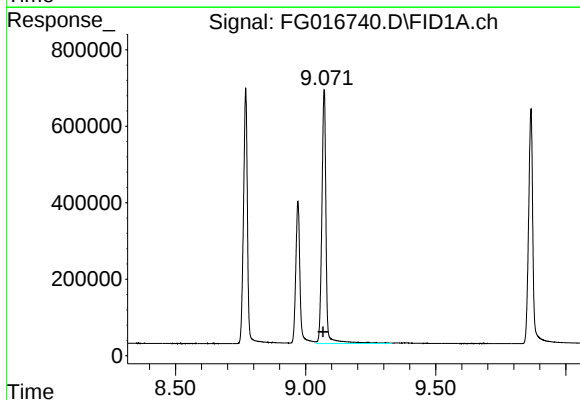
R.T.: 8.769 min
Delta R.T.: 0.003 min
Response: 7129012
Conc: 56.29 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



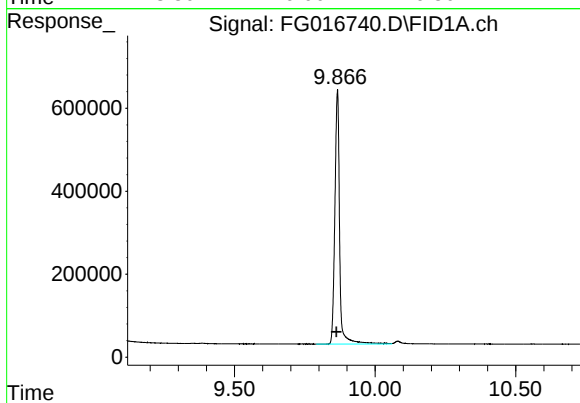
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.970 min
Delta R.T.: 0.002 min
Response: 4179331
Conc: 58.25 ug/ml



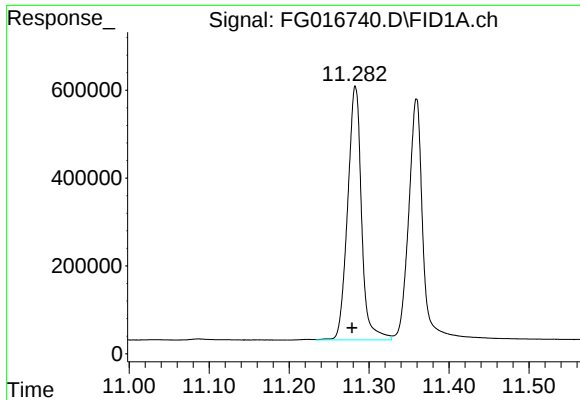
#7 Acenaphthene (C15.5)

R.T.: 9.071 min
Delta R.T.: 0.004 min
Response: 7455182
Conc: 54.48 ug/ml



#8 Fluorene (C16.55)

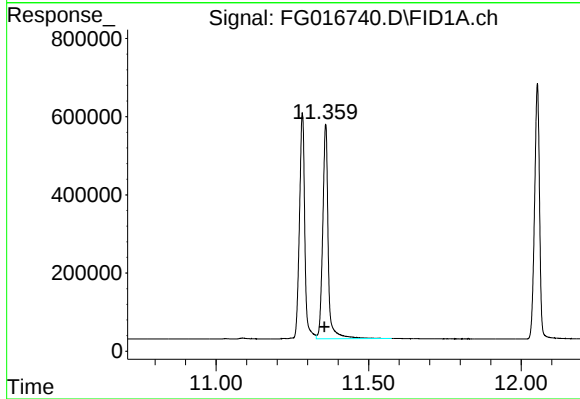
R.T.: 9.866 min
Delta R.T.: 0.003 min
Response: 7150116
Conc: 54.45 ug/ml



#9 Phenanthrene (C19.36)

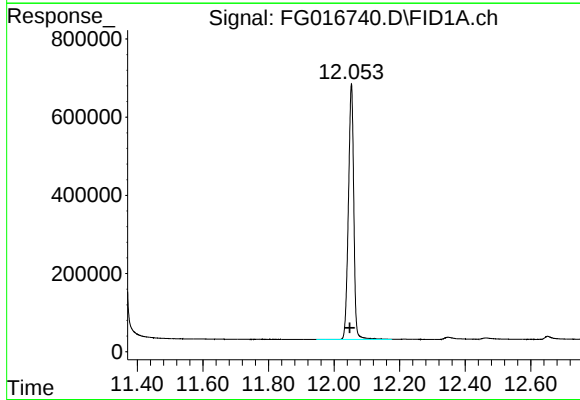
R.T.: 11.283 min
Delta R.T.: 0.004 min
Response: 6982886
Conc: 55.16 ug/ml

Instrument :
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50 PPM AROMATIC HC STD2



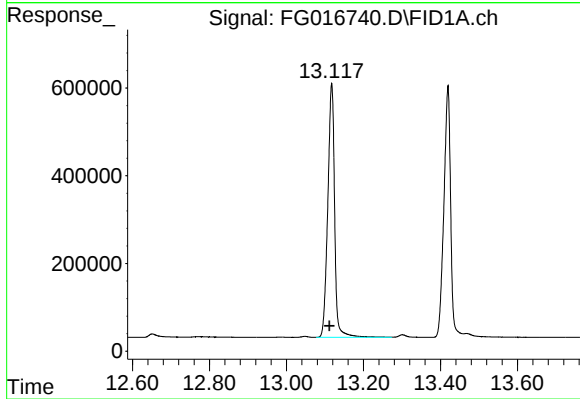
#10 Anthracene (C19.43)

R.T.: 11.359 min
Delta R.T.: 0.004 min
Response: 6902169
Conc: 48.39 ug/ml



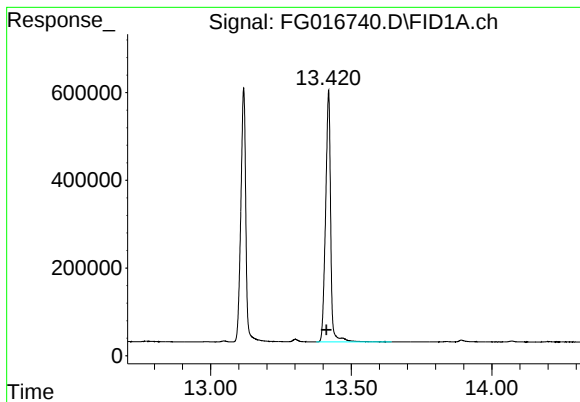
#11 ortho-Terphenyl (SURR)

R.T.: 12.053 min
Delta R.T.: 0.005 min
Response: 7403748
Conc: 52.56 ug/ml



#12 Fluoranthene (C21.85)

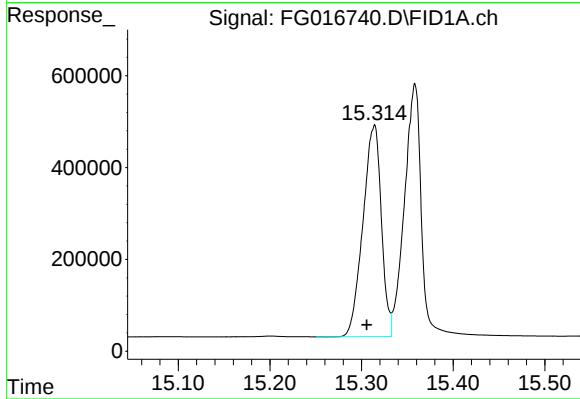
R.T.: 13.117 min
Delta R.T.: 0.006 min
Response: 7151938
Conc: 52.57 ug/ml



#13 Pyrene (C20.8)

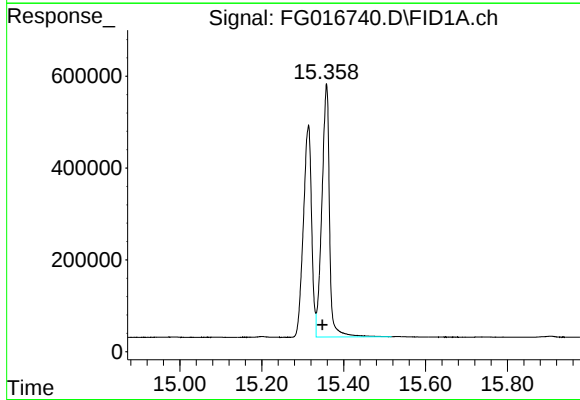
R.T.: 13.419 min
Delta R.T.: 0.007 min
Response: 7169168
Conc: 52.21 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM AROMATIC HC STD2



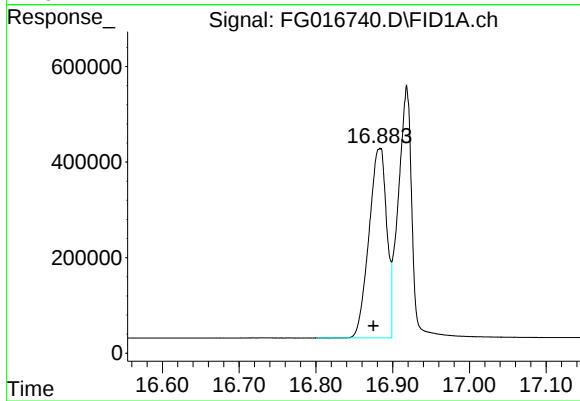
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.313 min
Delta R.T.: 0.008 min
Response: 6425367
Conc: 56.21 ug/ml



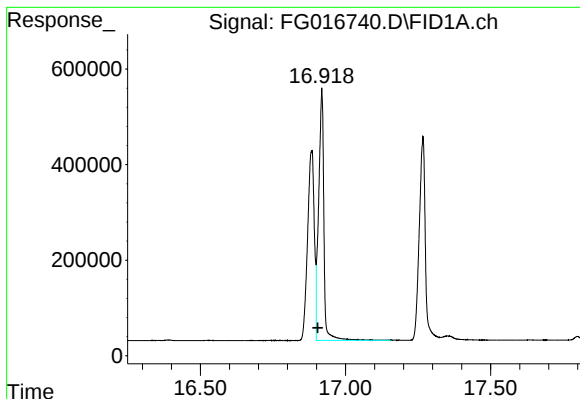
#15 Chrysene (C27.41)

R.T.: 15.358 min
Delta R.T.: 0.009 min
Response: 7135692
Conc: 50.29 ug/ml



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

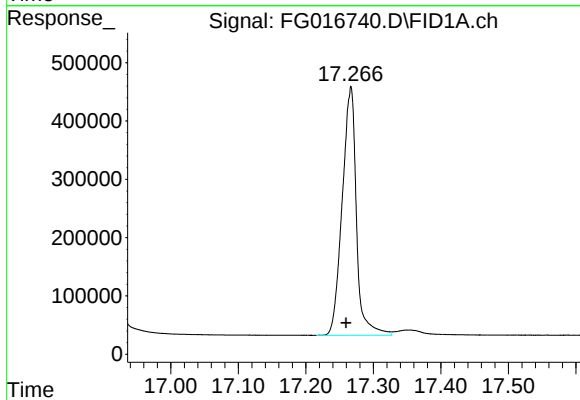
R.T.: 16.883 min
Delta R.T.: 0.008 min
Response: 6350450
Conc: 58.67 ug/ml



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

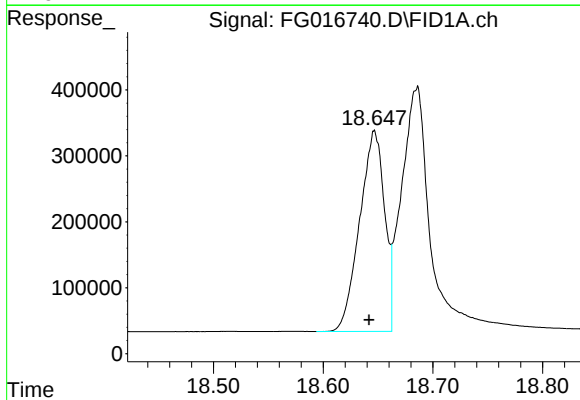
R.T.: 16.918 min
Delta R.T.: 0.013 min
Response: 6592046
Conc: 48.01 ug/ml

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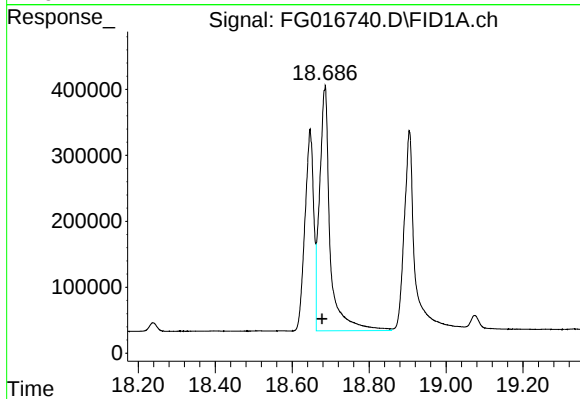
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.266 min
Delta R.T.: 0.006 min
Response: 6236805
Conc: 54.12 ug/ml



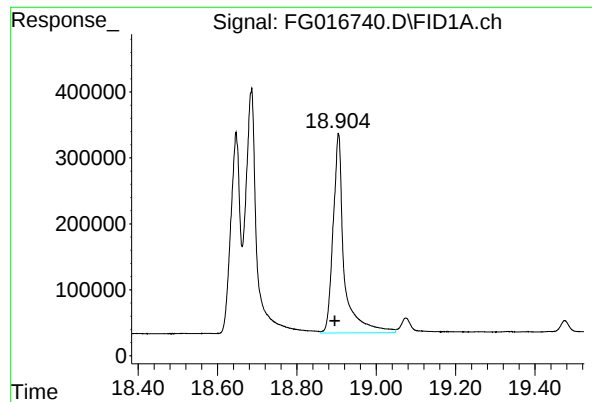
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.647 min
Delta R.T.: 0.005 min
Response: 4806005
Conc: 62.49 ug/ml



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

R.T.: 18.685 min
Delta R.T.: 0.007 min
Response: 7110629
Conc: 48.28 ug/ml



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

R.T.: 18.905 min
Delta R.T.: 0.009 min
Response: 5866780
Conc: 53.27 ug/ml

Instrument :

FID_G

ClientSampleId :

50 PPM AROMATIC HC STD2