

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AR\
 Data File : FF016611.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2025 14:35
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Oct 29 15:56:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 15:56:24 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...	8.025	17656473	154.092 ug/ml
Spiked Amount 50.000		Recovery =	308.18%
6) S 2-Fluorobiphenyl (SURR)	8.903	12180022	161.105 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	322.21%#
11) S ortho-Terphenyl (SURR)	11.972	20916611	147.760 ug/ml
Spiked Amount 50.000		Recovery =	295.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.616	19108988	149.388 ug/ml
2) T Naphthalene (C11.7)	6.295	20421502	154.744 ug/ml
3) T 2-Methylnaphthalene (...)	7.397	20800124	154.781 ug/ml
5) T Acenaphthylene (C15.06)	8.704	20594497	153.017 ug/ml
7) T Acenaphthene (C15.5)	9.007	20664002	150.801 ug/ml
8) T Fluorene (C16.55)	9.796	20436068	154.542 ug/ml
9) T Phenanthrene (C19.36)	11.205	20391836	153.967 ug/ml
10) T Anthracene (C19.43)	11.283	18359666	141.364 ug/ml
12) T Fluoranthene (C21.85)	13.034	20297675	150.363 ug/ml
13) T Pyrene (C20.8)	13.334	19859556	148.180 ug/ml
14) T Benzo[a]anthracene (C...	15.219	18307368	155.619 ug/ml
15) T Chrysene (C27.41)	15.269	18848592	140.349 ug/ml
16) T benzo[b]fluoranthene ...	16.785	17452646	153.962 ug/ml
17) T Bnezo[k]fluoranthene ...	16.785	17452646	150.306 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.170	16318426	149.311 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.550	16348689	184.674 ug/ml
20) T Dibenz[a,h]anthracene...	18.550	16348689	136.212 ug/ml
21) T Benzo[g,h,i]perylene ...	18.815	16379215	158.540 ug/ml

(f)=RT Delta > 1/2 Window

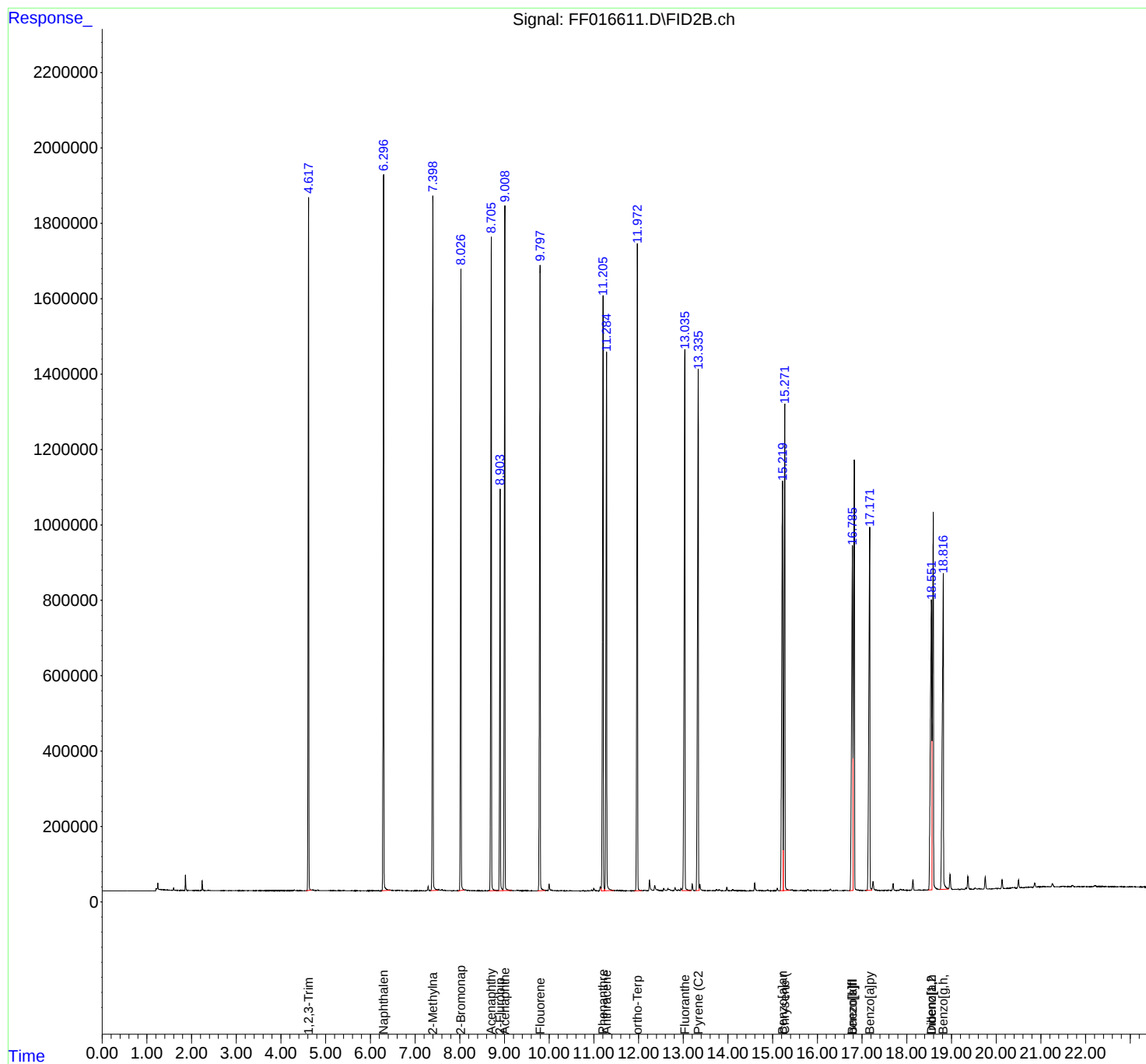
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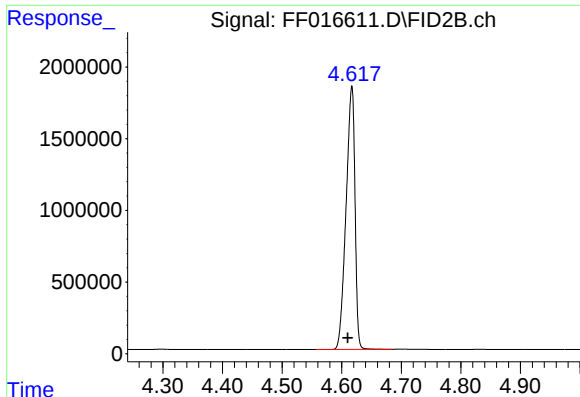
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#1 1,2,3-Trimethylbenzene (C10.1)

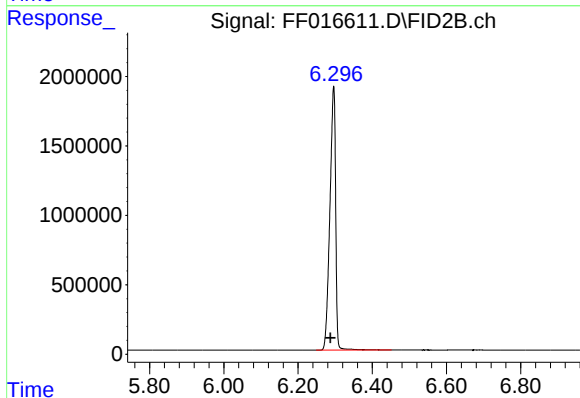
R.T.: 4.616 min
Delta R.T.: 0.006 min
Response: 19108988
Conc: 149.39 ug/ml

Instrument :

FID_F

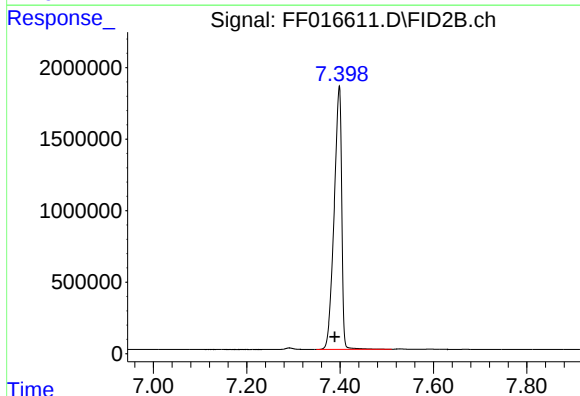
ClientSampleId :

100 PPM AROMATIC HC STD1



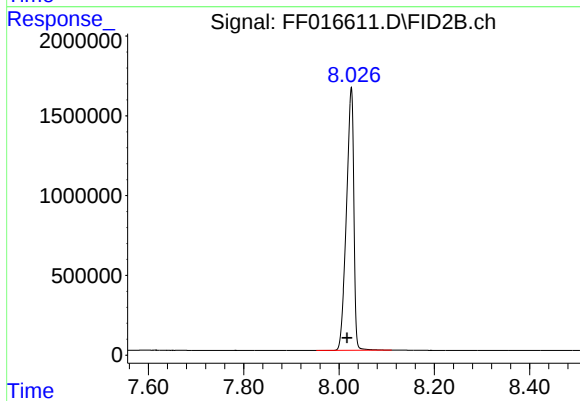
#2 Naphthalene (C11.7)

R.T.: 6.295 min
Delta R.T.: 0.008 min
Response: 20421502
Conc: 154.74 ug/ml



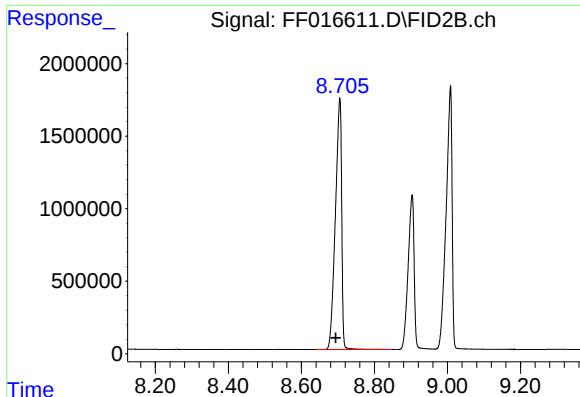
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.397 min
Delta R.T.: 0.009 min
Response: 20800124
Conc: 154.78 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.025 min
Delta R.T.: 0.008 min
Response: 17656473
Conc: 154.09 ug/ml



#5 Acenaphthylene (C15.06)

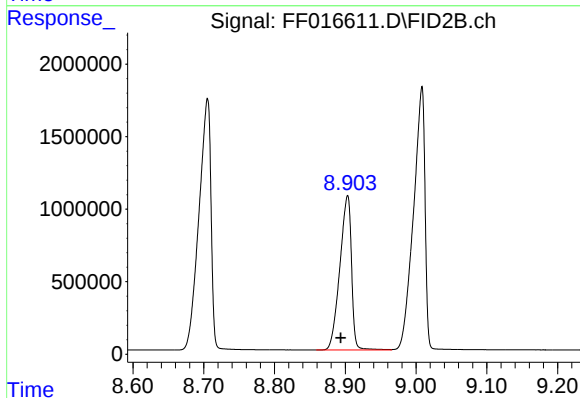
R.T.: 8.704 min
Delta R.T.: 0.011 min
Response: 20594497
Conc: 153.02 ug/ml

Instrument :

FID_F

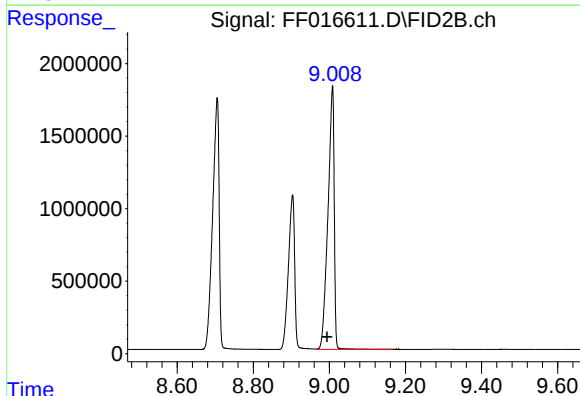
ClientSampleId :

100 PPM AROMATIC HC STD1



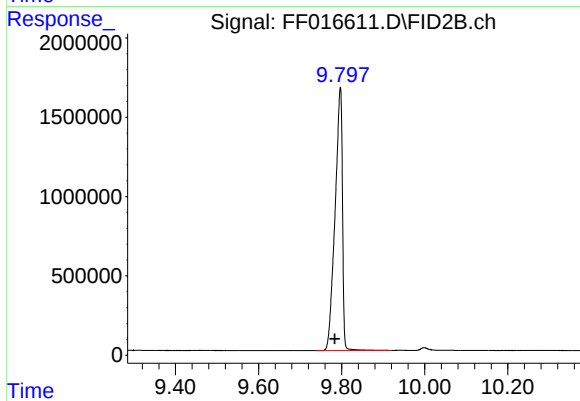
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.903 min
Delta R.T.: 0.009 min
Response: 12180022
Conc: 161.10 ug/ml



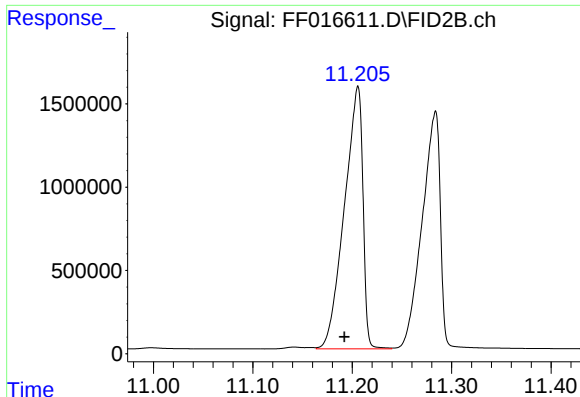
#7 Acenaphthene (C15.5)

R.T.: 9.007 min
Delta R.T.: 0.013 min
Response: 20664002
Conc: 150.80 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.796 min
Delta R.T.: 0.012 min
Response: 20436068
Conc: 154.54 ug/ml



#9 Phenanthrene (C19.36)

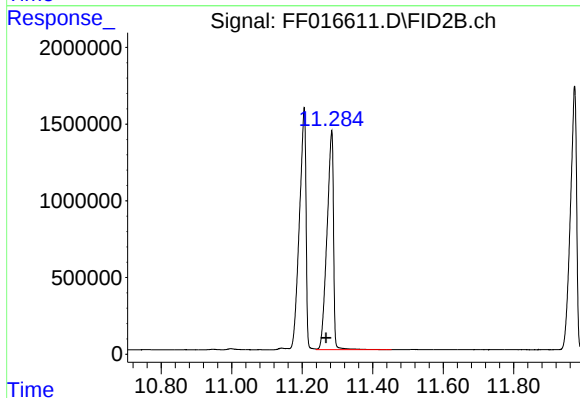
R.T.: 11.205 min
Delta R.T.: 0.013 min
Response: 20391836
Conc: 153.97 ug/ml

Instrument :

FID_F

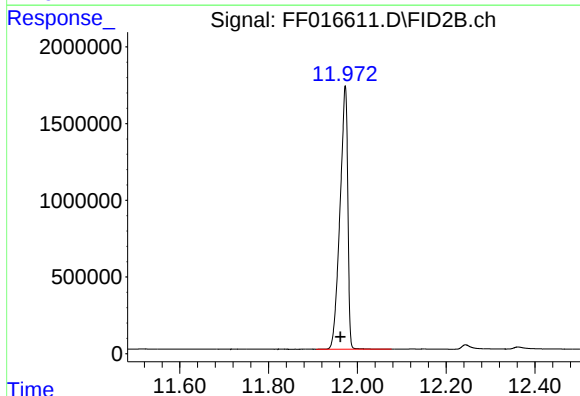
ClientSampleId :

100 PPM AROMATIC HC STD1



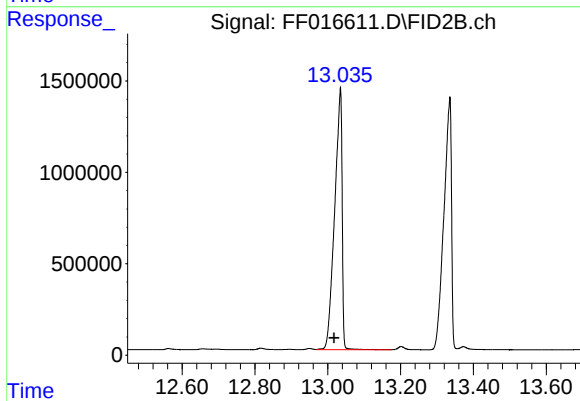
#10 Anthracene (C19.43)

R.T.: 11.283 min
Delta R.T.: 0.015 min
Response: 18359666
Conc: 141.36 ug/ml



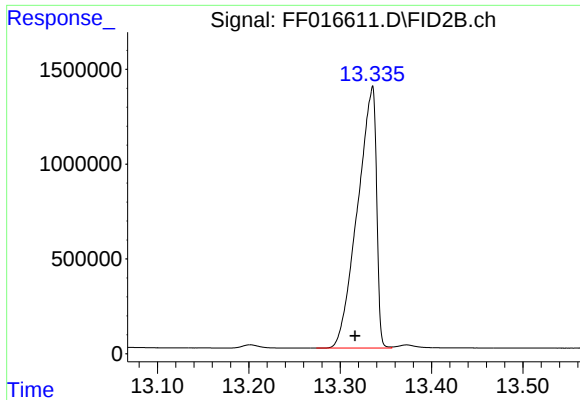
#11 ortho-Terphenyl (SURR)

R.T.: 11.972 min
Delta R.T.: 0.011 min
Response: 20916611
Conc: 147.76 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.034 min
Delta R.T.: 0.016 min
Response: 20297675
Conc: 150.36 ug/ml



#13 Pyrene (C20.8)

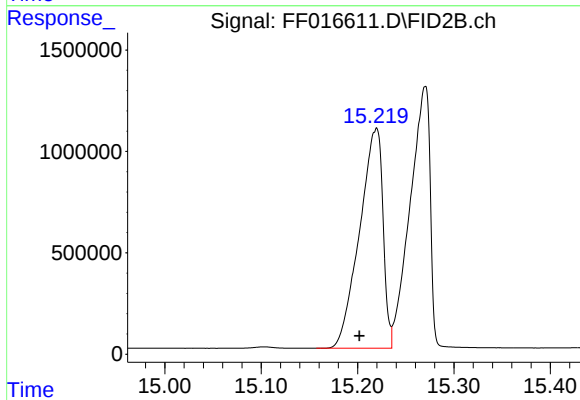
R.T.: 13.334 min
Delta R.T.: 0.017 min
Response: 19859556
Conc: 148.18 ug/ml

Instrument :

FID_F

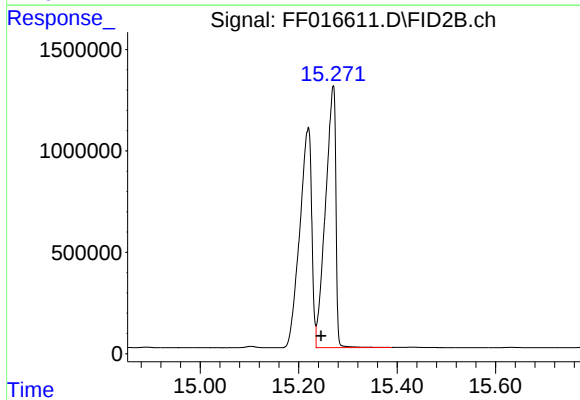
ClientSampleId :

100 PPM AROMATIC HC STD1



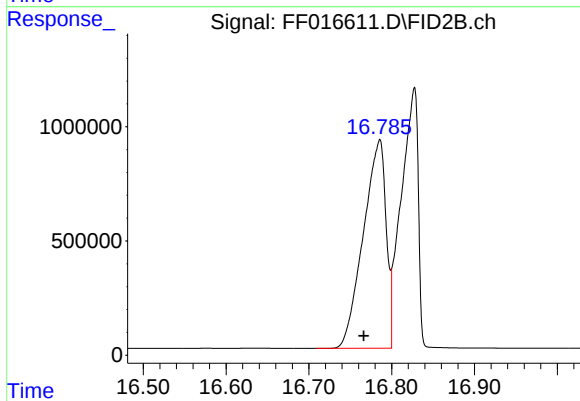
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.219 min
Delta R.T.: 0.017 min
Response: 18307368
Conc: 155.62 ug/ml



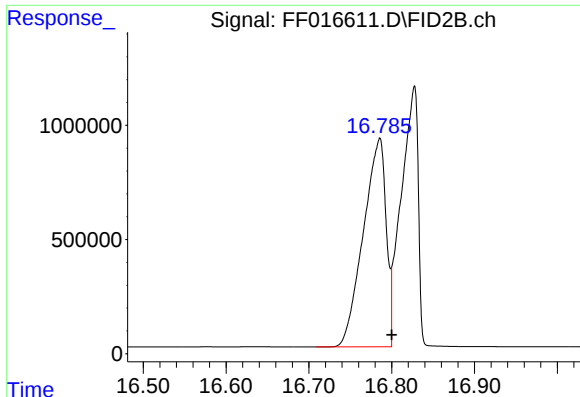
#15 Chrysene (C27.41)

R.T.: 15.269 min
Delta R.T.: 0.024 min
Response: 18848592
Conc: 140.35 ug/ml



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

R.T.: 16.785 min
Delta R.T.: 0.019 min
Response: 17452646
Conc: 153.96 ug/ml



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

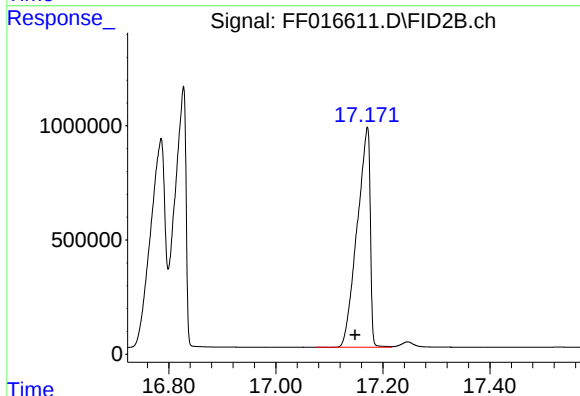
R.T.: 16.785 min
Delta R.T.: -0.015 min
Response: 17452646
Conc: 150.31 ug/ml

Instrument :

FID_F

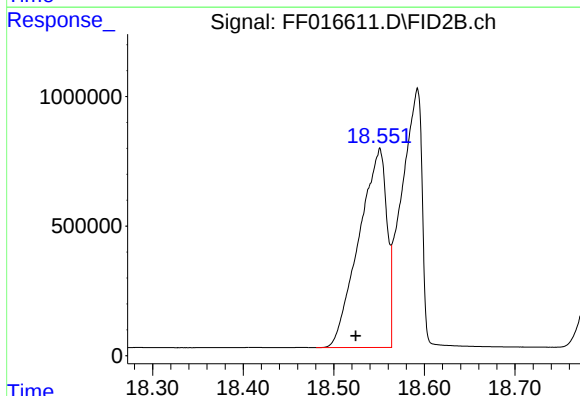
ClientSampleId :

100 PPM AROMATIC HC STD1



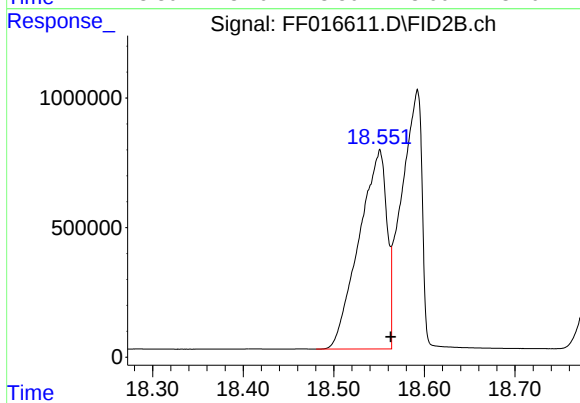
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.170 min
Delta R.T.: 0.022 min
Response: 16318426
Conc: 149.31 ug/ml



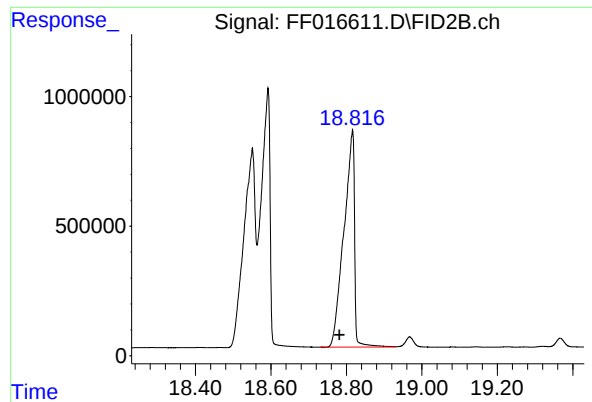
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.550 min
Delta R.T.: 0.026 min
Response: 16348689
Conc: 184.67 ug/ml



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

R.T.: 18.550 min
Delta R.T.: -0.013 min
Response: 16348689
Conc: 136.21 ug/ml



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

R.T.: 18.815 min
Delta R.T.: 0.033 min
Response: 16379215
Conc: 158.54 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM AROMATIC HC STD1