

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092425AR\
 Data File : FF016431.D
 Signal(s) : FID2B.ch
 Acq On : 24 Sep 2025 13:59
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Sep 24 15:18:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 15:16:11 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...	8.039	11754305	95.774 ug/ml
Spiked Amount 50.000		Recovery =	191.55%
6) S 2-Fluorobiphenyl (SURR)	8.917	8058977	96.138 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	192.28%#
11) S ortho-Terphenyl (SURR)	11.986	13753707	94.360 ug/ml
Spiked Amount 50.000		Recovery =	188.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.630	12963406	95.293 ug/ml
2) T Naphthalene (C11.7)	6.309	13608516	95.751 ug/ml
3) T 2-Methylnaphthalene (...)	7.411	13820236	95.722 ug/ml
5) T Acenaphthylene (C15.06)	8.719	13570625	95.611 ug/ml
7) T Acenaphthene (C15.5)	9.020	13512842	96.140 ug/ml
8) T Fluorene (C16.55)	9.810	13450975	94.941 ug/ml
9) T Phenanthrene (C19.36)	11.220	13438313	94.914 ug/ml
10) T Anthracene (C19.43)	11.297	12723925	93.585 ug/ml
12) T Fluoranthene (C21.85)	13.047	13192658	94.131 ug/ml
13) T Pyrene (C20.8)	13.348	13029172	94.511 ug/ml
14) T Benzo[a]anthracene (C...	15.231	12303315	93.967 ug/ml
15) T Chrysene (C27.41)	15.280	12463435	93.088 ug/ml
16) T benzo[b]fluoranthene ...	16.796	11802907	93.353 ug/ml
17) T Bnezo[k]fluoranthene ...	16.835	10991506	92.578 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.181	11301951	93.024 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.558	10849044	96.965 ug/ml
20) T Dibenz[a,h]anthracene...	18.597	10510879	89.285 ug/ml
21) T Benzo[g,h,i]perylene ...	18.822	10967237	93.492 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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QLast Update : Wed Sep 24 15:16:11 2025

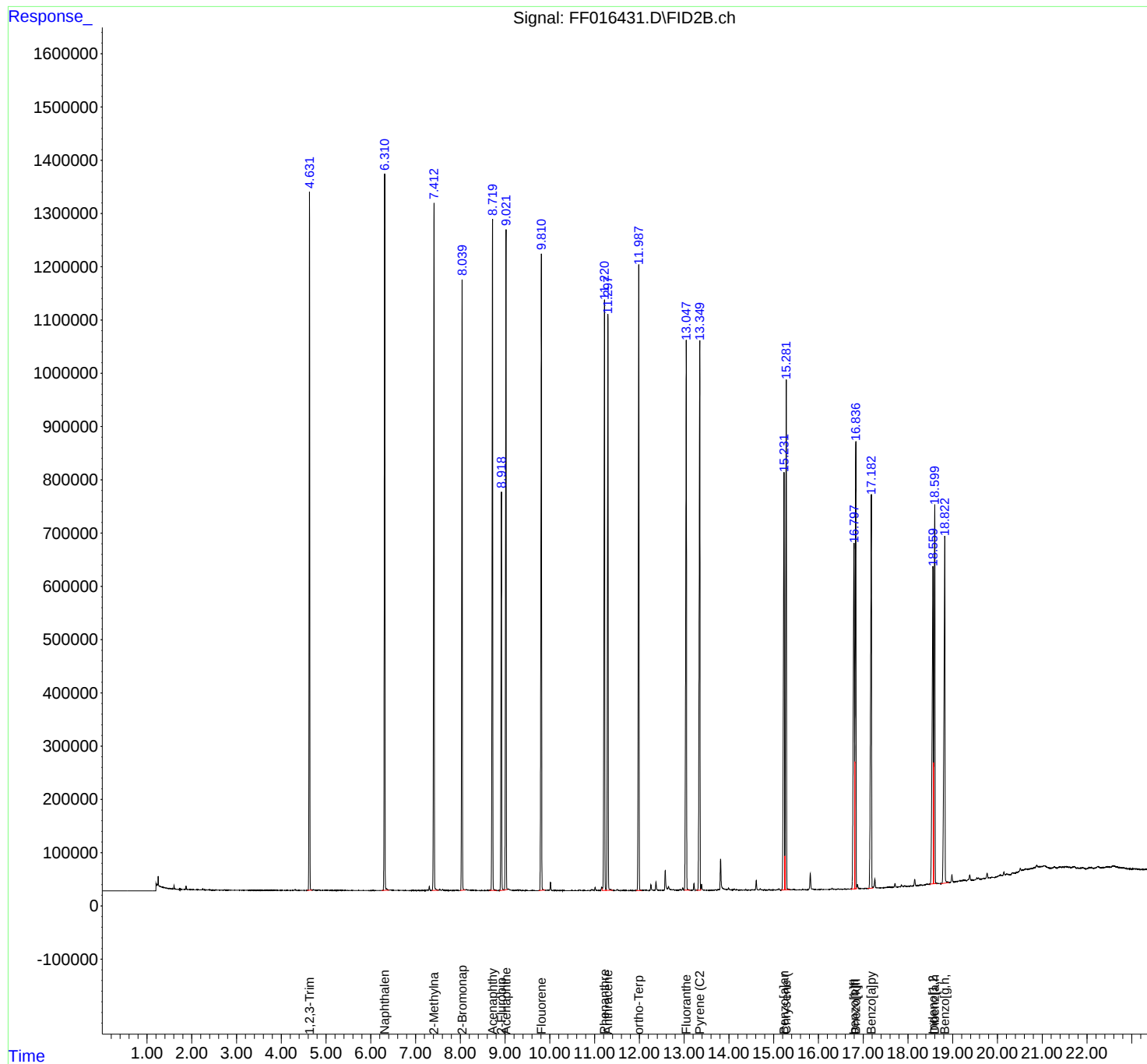
Response via : Initial Calibration

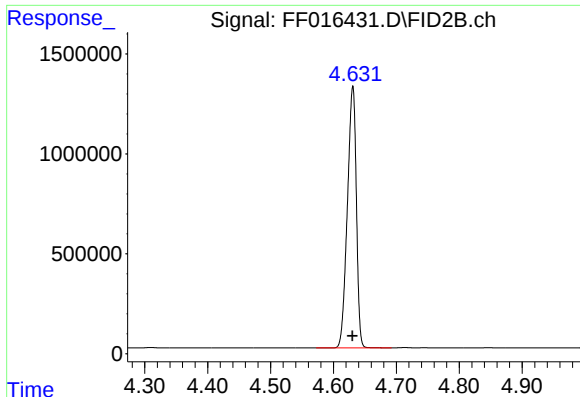
Integrator: ChemStation

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Signal Info : 20M x 0.18mm x 0.18µm





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

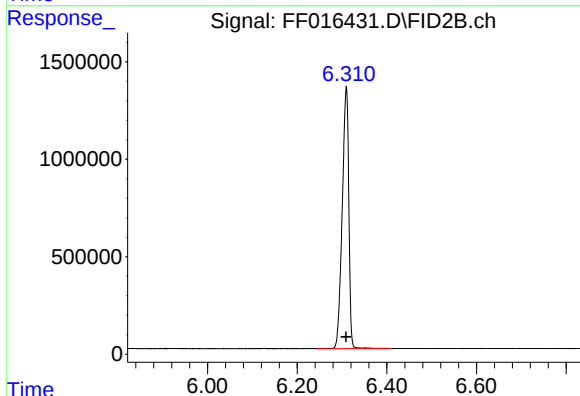
R.T.: 4.630 min
Delta R.T.: 0.000 min
Response: 12963406
Conc: 95.29 ug/ml

Instrument :

FID_F

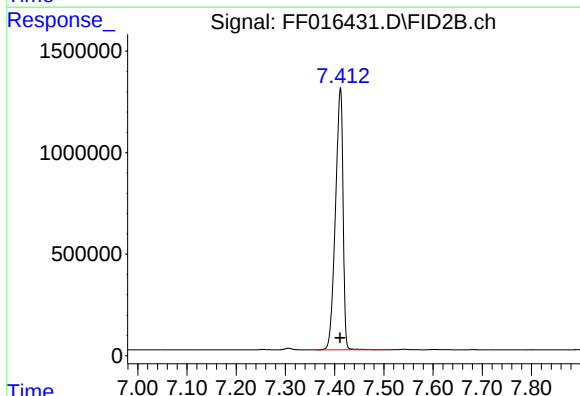
ClientSampleId :

100 PPM AROMATIC HC STD1



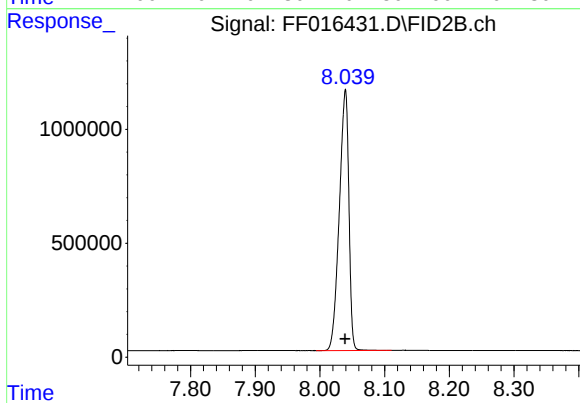
#2 Naphthalene (C11.7)

R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 13608516
Conc: 95.75 ug/ml



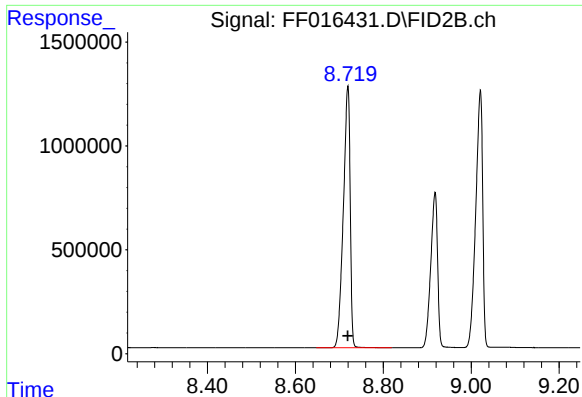
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.411 min
Delta R.T.: 0.000 min
Response: 13820236
Conc: 95.72 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.039 min
Delta R.T.: 0.000 min
Response: 11754305
Conc: 95.77 ug/ml



#5 Acenaphthylene (C15.06)

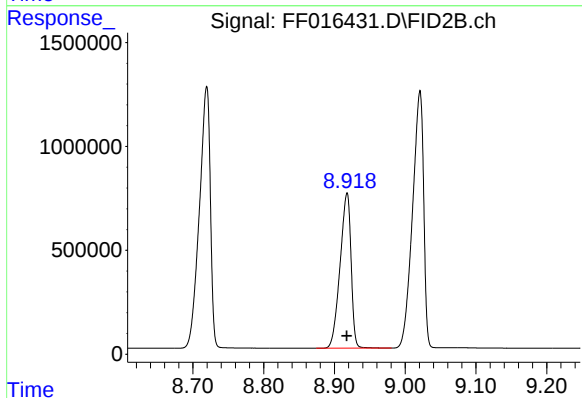
R.T.: 8.719 min
Delta R.T.: 0.000 min
Response: 13570625
Conc: 95.61 ug/ml

Instrument :

FID_F

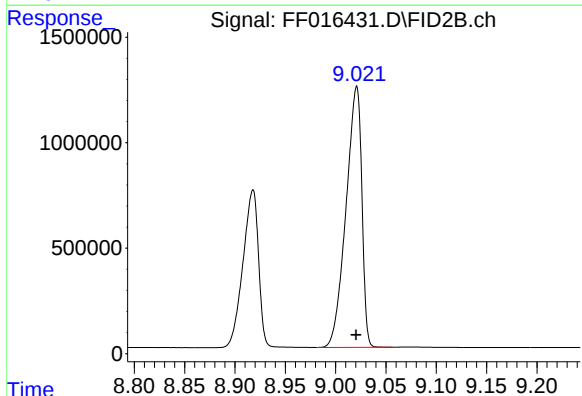
ClientSampleId :

100 PPM AROMATIC HC STD1



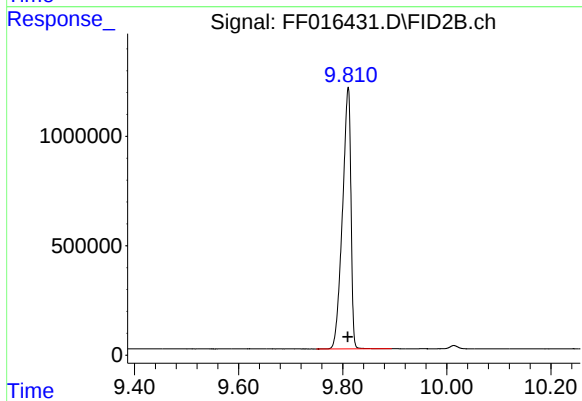
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.917 min
Delta R.T.: 0.000 min
Response: 8058977
Conc: 96.14 ug/ml



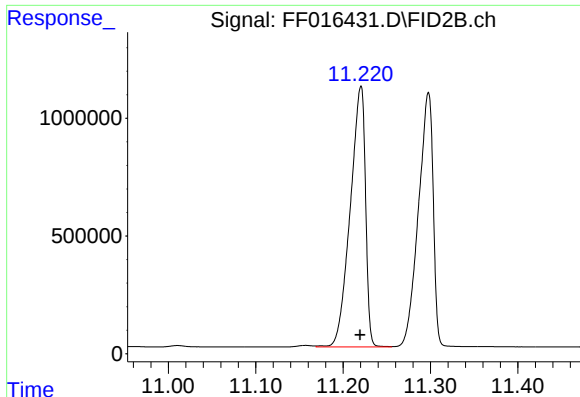
#7 Acenaphthene (C15.5)

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 13512842
Conc: 96.14 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.810 min
Delta R.T.: 0.000 min
Response: 13450975
Conc: 94.94 ug/ml



#9 Phenanthrene (C19.36)

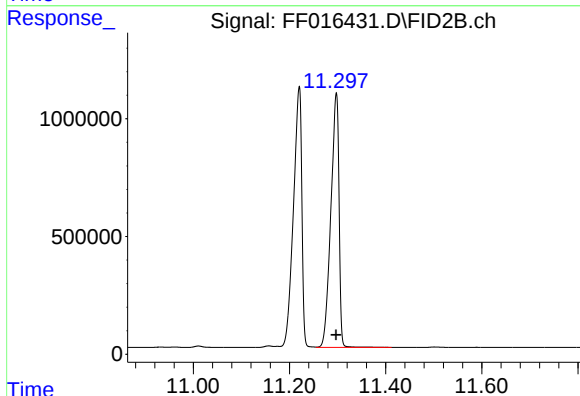
R.T.: 11.220 min
Delta R.T.: 0.000 min
Response: 13438313
Conc: 94.91 ug/ml

Instrument :

FID_F

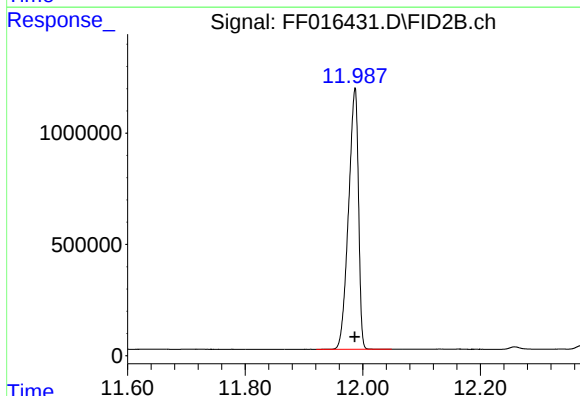
ClientSampleId :

100 PPM AROMATIC HC STD1



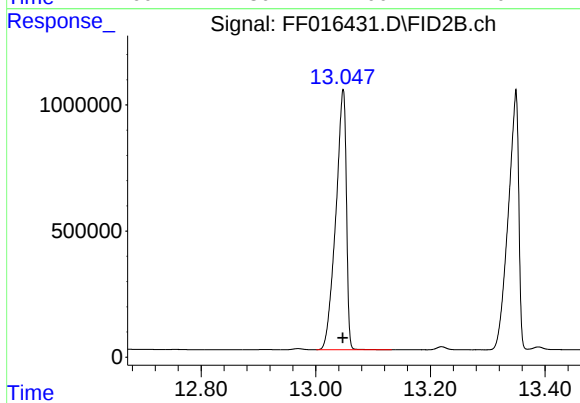
#10 Anthracene (C19.43)

R.T.: 11.297 min
Delta R.T.: 0.000 min
Response: 12723925
Conc: 93.58 ug/ml



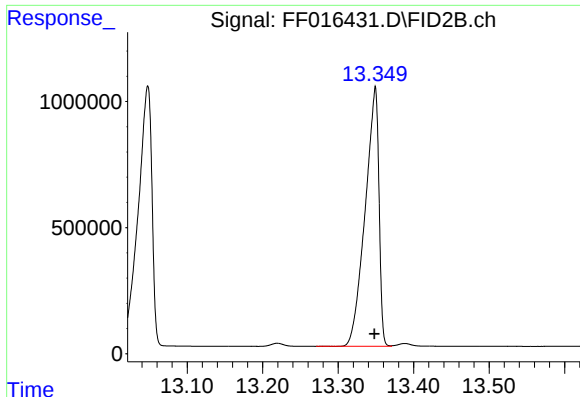
#11 ortho-Terphenyl (SURR)

R.T.: 11.986 min
Delta R.T.: 0.000 min
Response: 13753707
Conc: 94.36 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.047 min
Delta R.T.: 0.000 min
Response: 13192658
Conc: 94.13 ug/ml



#13 Pyrene (C20.8)

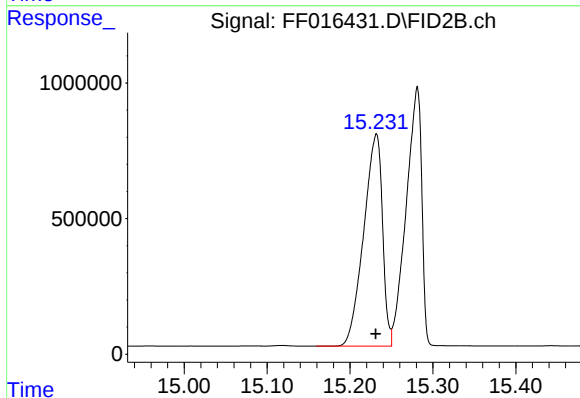
R.T.: 13.348 min
Delta R.T.: 0.000 min
Response: 13029172
Conc: 94.51 ug/ml

Instrument :

FID_F

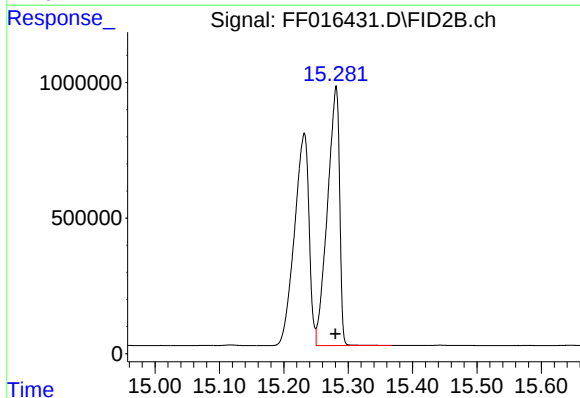
ClientSampleId :

100 PPM AROMATIC HC STD1



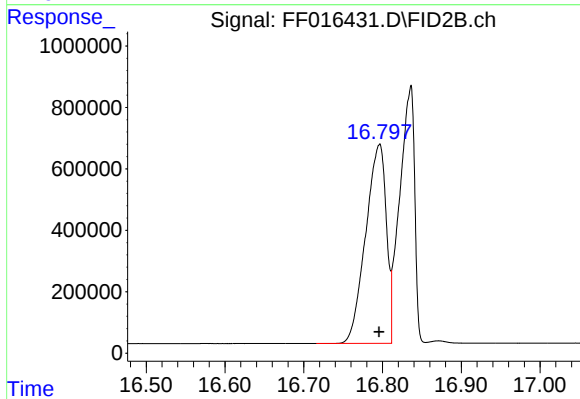
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.231 min
Delta R.T.: 0.000 min
Response: 12303315
Conc: 93.97 ug/ml



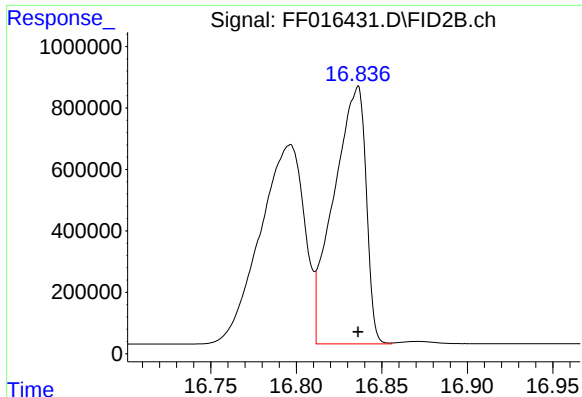
#15 Chrysene (C27.41)

R.T.: 15.280 min
Delta R.T.: 0.000 min
Response: 12463435
Conc: 93.09 ug/ml



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

R.T.: 16.796 min
Delta R.T.: 0.000 min
Response: 11802907
Conc: 93.35 ug/ml



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

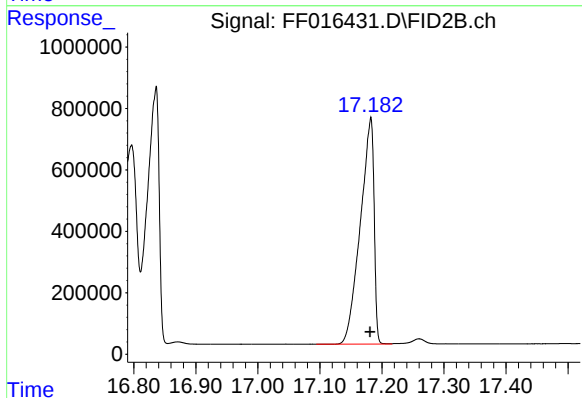
R.T.: 16.835 min
Delta R.T.: -0.002 min
Response: 10991506
Conc: 92.58 ug/ml

Instrument :

FID_F

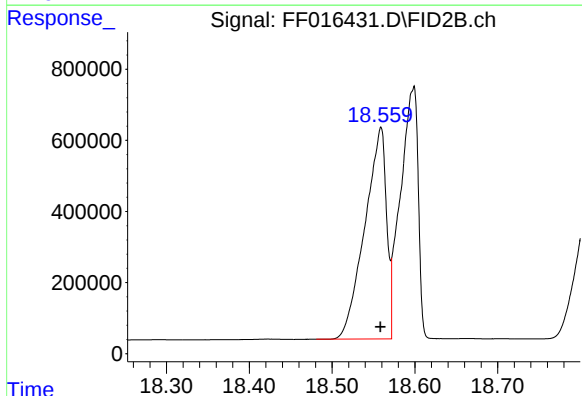
ClientSampleId :

100 PPM AROMATIC HC STD1



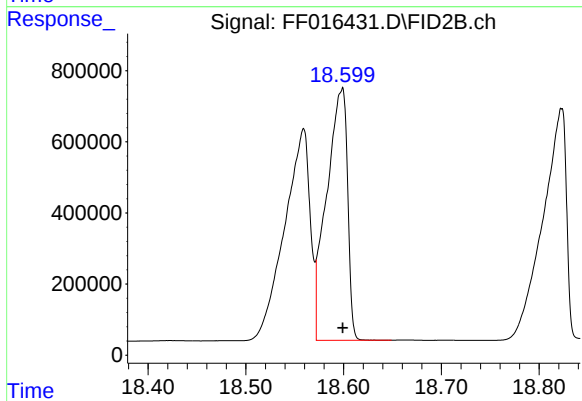
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.181 min
Delta R.T.: 0.000 min
Response: 11301951
Conc: 93.02 ug/ml



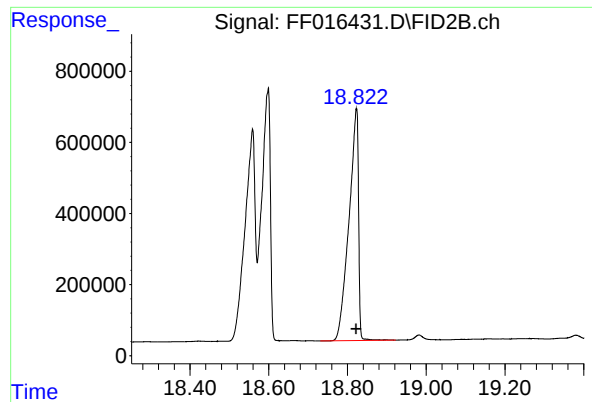
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.558 min
Delta R.T.: 0.000 min
Response: 10849044
Conc: 96.96 ug/ml



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

R.T.: 18.597 min
Delta R.T.: -0.002 min
Response: 10510879
Conc: 89.28 ug/ml



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

R.T.: 18.822 min
Delta R.T.: 0.000 min
Response: 10967237
Conc: 93.49 ug/ml

Instrument :
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ClientSampleId :
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