

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031725AR\
 Data File : FF015675.D
 Signal(s) : FID2B.ch
 Acq On : 17 Mar 2025 12:09
 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: Mar 17 13:30:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 17 13:27:58 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...	8.002	10728658	99.360 ug/ml
Spiked Amount 50.000		Recovery =	198.72%
6) S 2-Fluorobiphenyl (SURR)	8.880	7127174	104.044 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	208.09%#
11) S ortho-Terphenyl (SURR)	11.941	12361473	96.817 ug/ml
Spiked Amount 50.000		Recovery =	193.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.607	11618443	97.081 ug/ml
2) T Naphthalene (C11.7)	6.280	11995964	99.501 ug/ml
3) T 2-Methylnaphthalene (...)	7.377	11784796	99.072 ug/ml
5) T Acenaphthylene (C15.06)	8.680	12283922	97.530 ug/ml
7) T Acenaphthene (C15.5)	8.980	12157617	95.997 ug/ml
8) T Fluorene (C16.55)	9.770	12159817	98.666 ug/ml
9) T Phenanthrene (C19.36)	11.179	11801416	100.021 ug/ml
10) T Anthracene (C19.43)	11.256	11514639	100.318 ug/ml
12) T Fluoranthene (C21.85)	13.005	11936272	98.864 ug/ml
13) T Pyrene (C20.8)	13.304	11813562	97.535 ug/ml
14) T Benzo[a]anthracene (C...	15.189	10955479	104.580 ug/ml
15) T Chrysene (C27.41)	15.235	11296782	95.922 ug/ml
16) T benzo[b]fluoranthene ...	16.755	11007589	101.010 ug/ml
17) T Bnezo[k]fluoranthene ...	16.791	11092975	95.350 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.138	10423295	98.777 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.518	10119610	109.652 ug/ml
20) T Dibenz[a,h]anthracene...	18.553	10520354	91.556 ug/ml
21) T Benzo[g,h,i]perylene ...	18.779	10948719	97.439 ug/ml

(f)=RT Delta > 1/2 Window

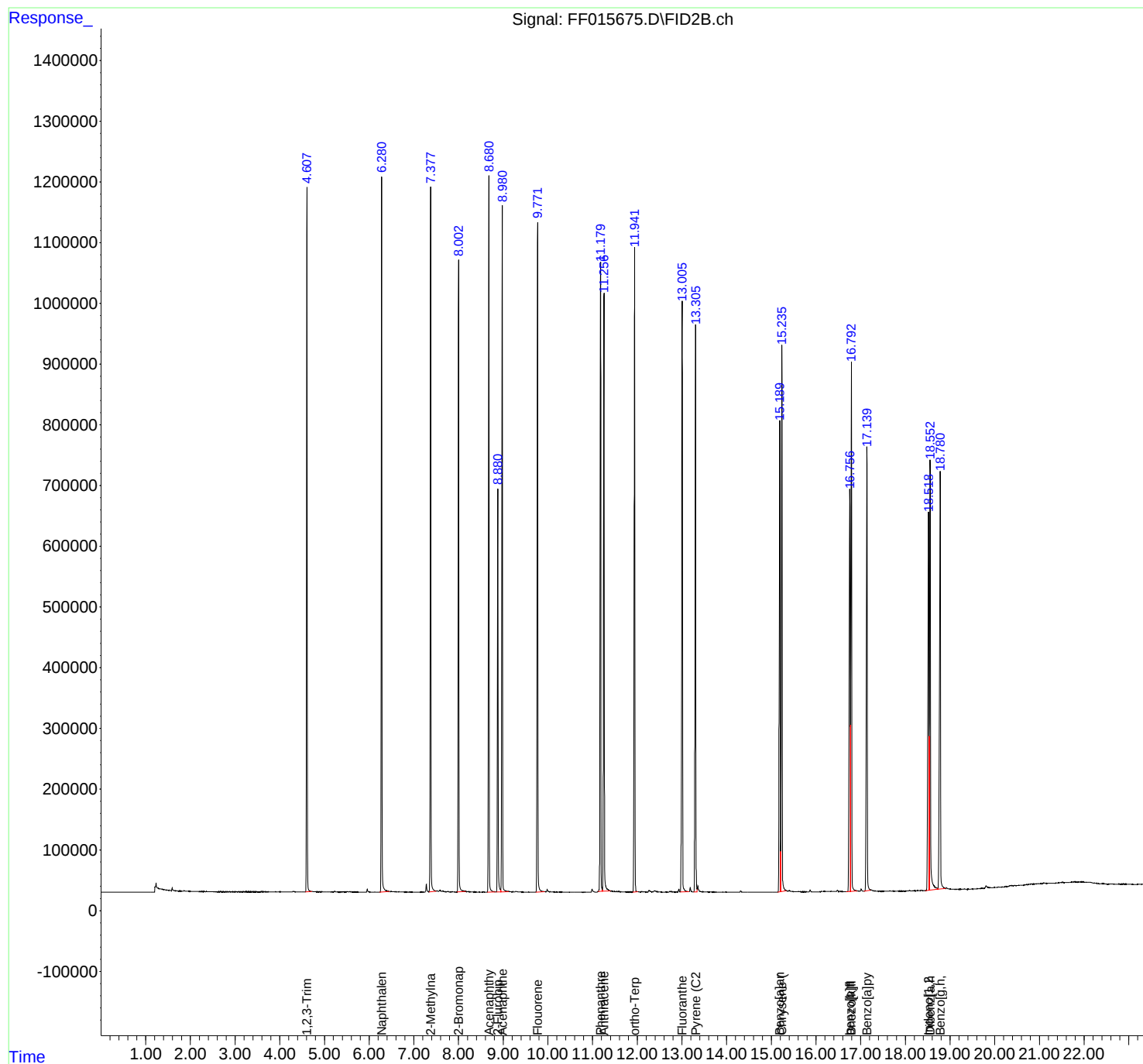
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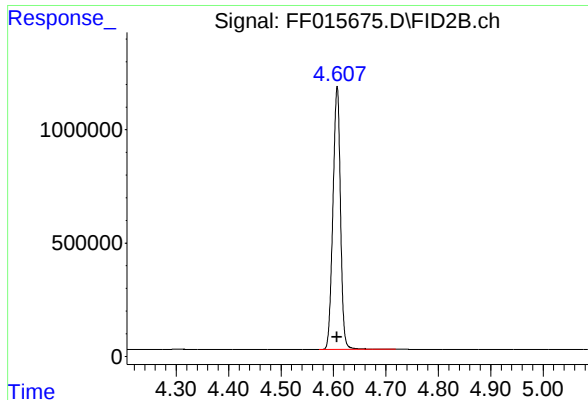
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#1 1,2,3-Trimethylbenzene (C10.1)

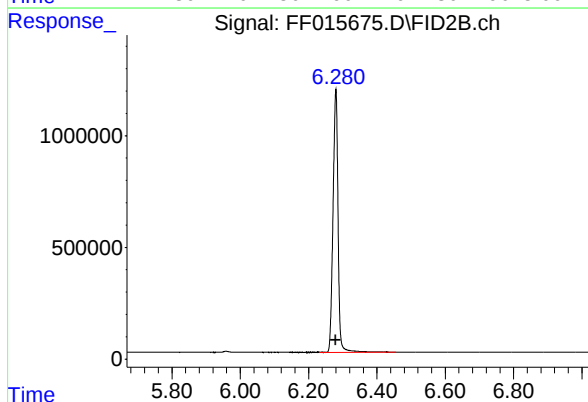
R.T.: 4.607 min
Delta R.T.: 0.000 min
Response: 11618443
Conc: 97.08 ug/ml

Instrument :

FID_F

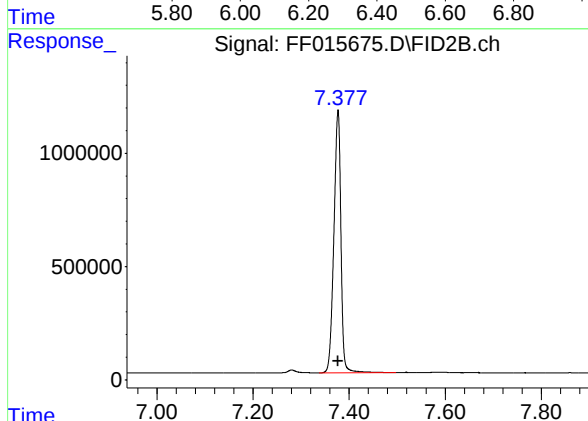
ClientSampleId :

100 PPM AROMATIC HC STD1



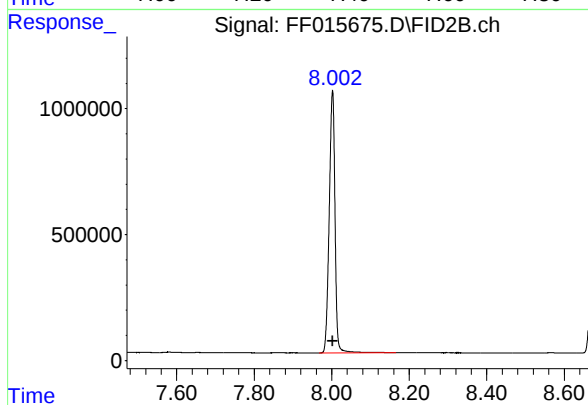
#2 Naphthalene (C11.7)

R.T.: 6.280 min
Delta R.T.: 0.000 min
Response: 11995964
Conc: 99.50 ug/ml



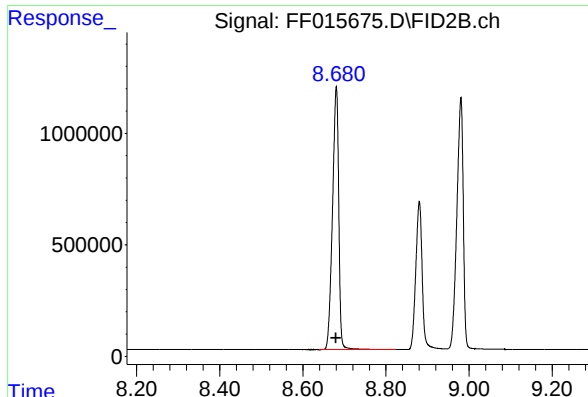
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.377 min
Delta R.T.: 0.000 min
Response: 11784796
Conc: 99.07 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.002 min
Delta R.T.: 0.000 min
Response: 10728658
Conc: 99.36 ug/ml



#5 Acenaphthylene (C15.06)

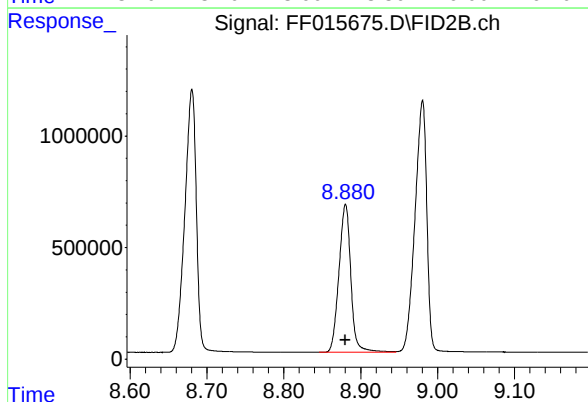
R.T.: 8.680 min
Delta R.T.: 0.000 min
Response: 12283922
Conc: 97.53 ug/ml

Instrument :

FID_F

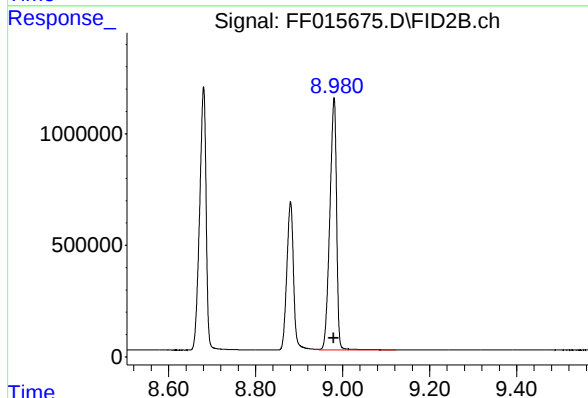
ClientSampleId :

100 PPM AROMATIC HC STD1



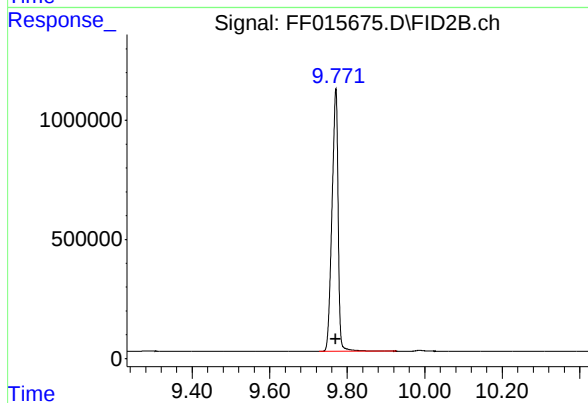
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.880 min
Delta R.T.: 0.000 min
Response: 7127174
Conc: 104.04 ug/ml



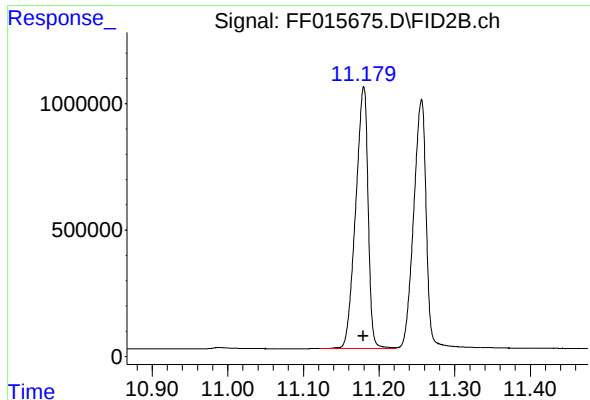
#7 Acenaphthene (C15.5)

R.T.: 8.980 min
Delta R.T.: 0.000 min
Response: 12157617
Conc: 96.00 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.770 min
Delta R.T.: 0.000 min
Response: 12159817
Conc: 98.67 ug/ml



#9 Phenanthrene (C19.36)

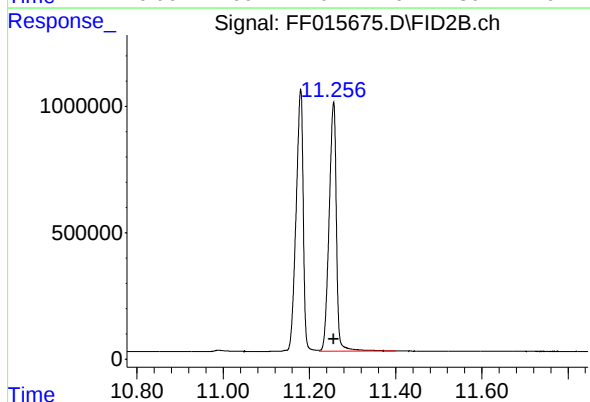
R.T.: 11.179 min
Delta R.T.: 0.000 min
Response: 11801416
Conc: 100.02 ug/ml

Instrument :

FID_F

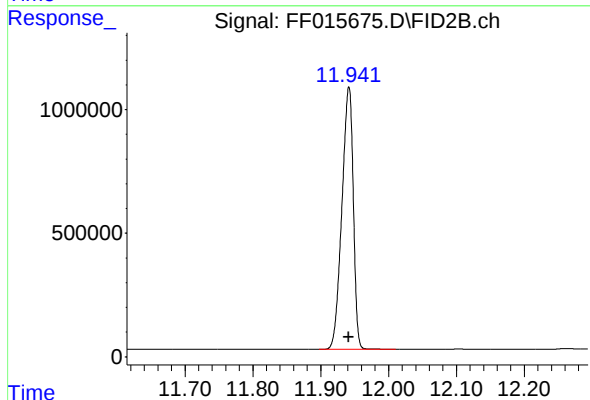
ClientSampleId :

100 PPM AROMATIC HC STD1



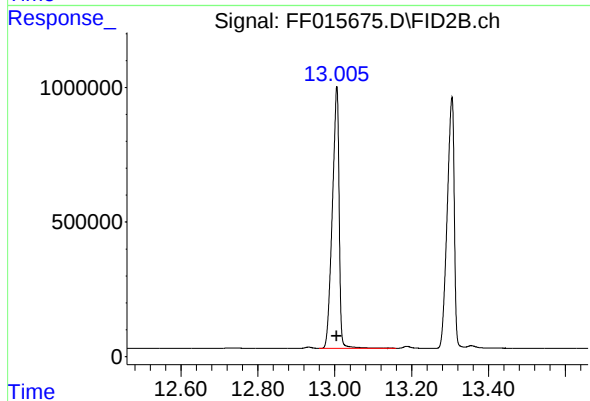
#10 Anthracene (C19.43)

R.T.: 11.256 min
Delta R.T.: 0.000 min
Response: 11514639
Conc: 100.32 ug/ml



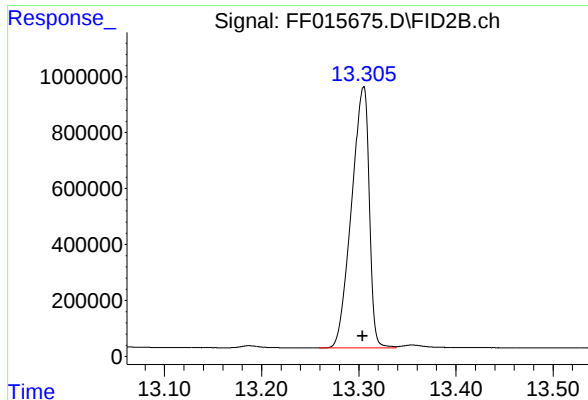
#11 ortho-Terphenyl (SURR)

R.T.: 11.941 min
Delta R.T.: 0.000 min
Response: 12361473
Conc: 96.82 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.005 min
Delta R.T.: 0.000 min
Response: 11936272
Conc: 98.86 ug/ml



#13 Pyrene (C20.8)

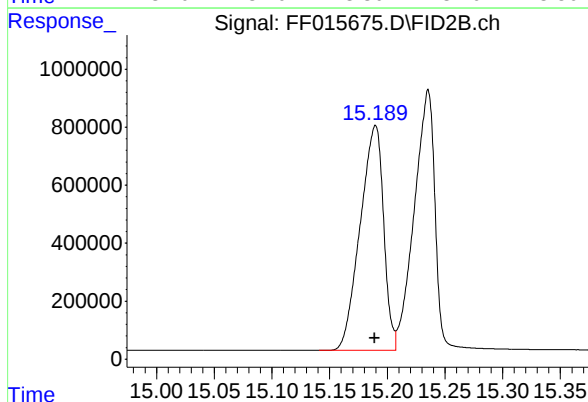
R.T.: 13.304 min
Delta R.T.: 0.000 min
Response: 11813562
Conc: 97.54 ug/ml

Instrument :

FID_F

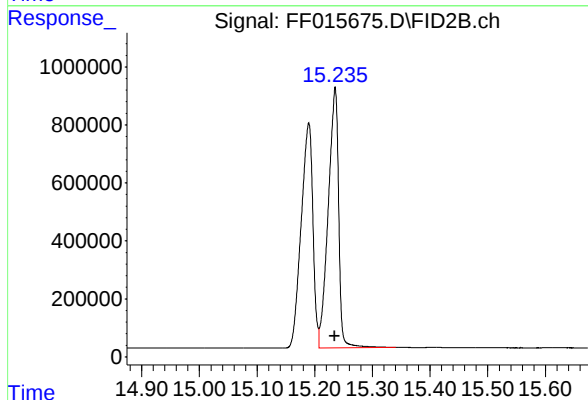
ClientSampleId :

100 PPM AROMATIC HC STD1



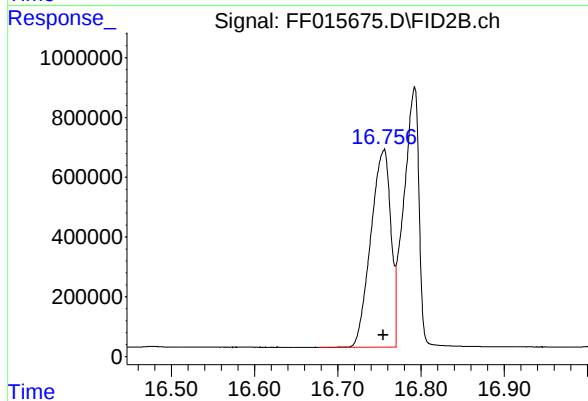
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.189 min
Delta R.T.: 0.000 min
Response: 10955479
Conc: 104.58 ug/ml



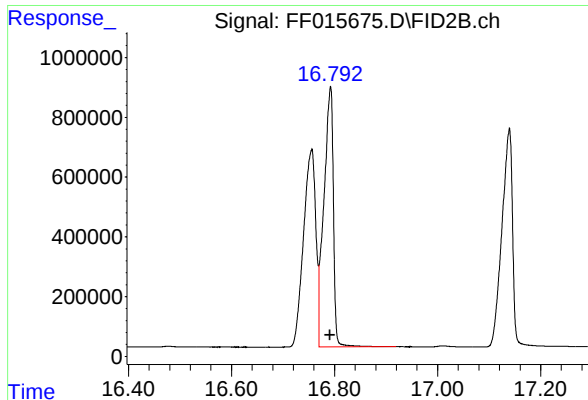
#15 Chrysene (C27.41)

R.T.: 15.235 min
Delta R.T.: 0.000 min
Response: 11296782
Conc: 95.92 ug/ml



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

R.T.: 16.755 min
Delta R.T.: 0.000 min
Response: 11007589
Conc: 101.01 ug/ml



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

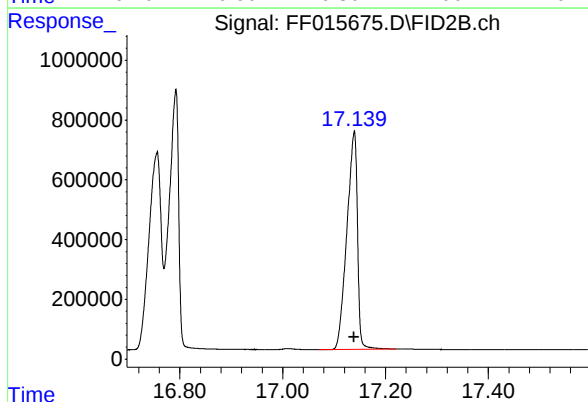
R.T.: 16.791 min
Delta R.T.: 0.000 min
Response: 11092975
Conc: 95.35 ug/ml

Instrument :

FID_F

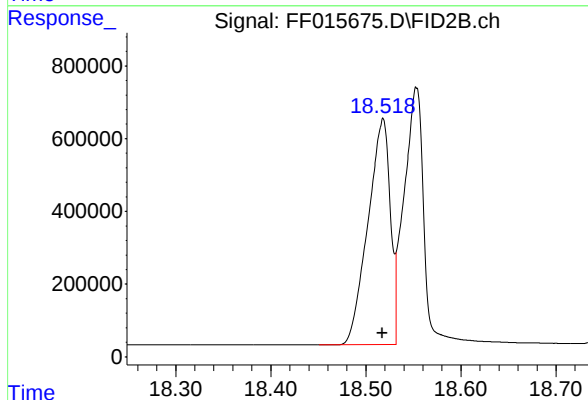
ClientSampleId :

100 PPM AROMATIC HC STD1



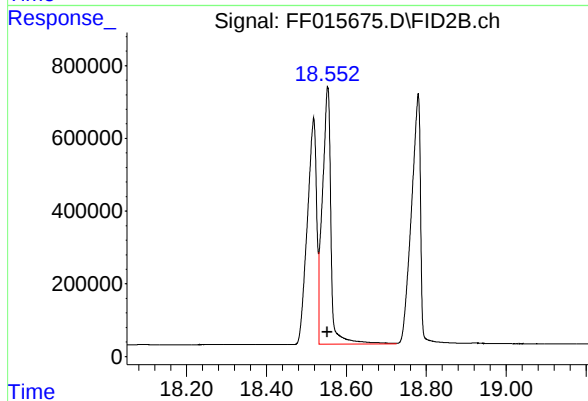
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.138 min
Delta R.T.: 0.000 min
Response: 10423295
Conc: 98.78 ug/ml



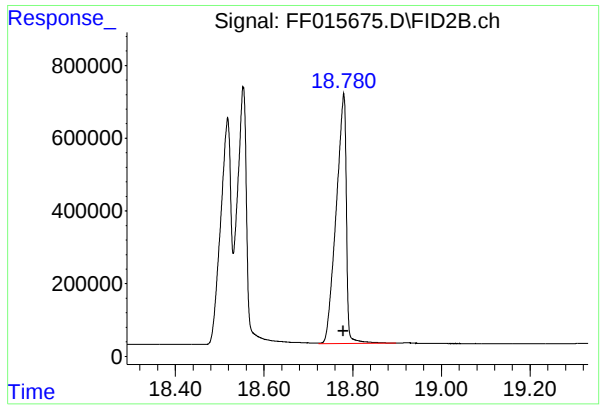
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.518 min
Delta R.T.: 0.000 min
Response: 10119610
Conc: 109.65 ug/ml



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

R.T.: 18.553 min
Delta R.T.: 0.000 min
Response: 10520354
Conc: 91.56 ug/ml



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

R.T.: 18.779 min

Delta R.T.: 0.000 min

Response: 10948719

Conc: 97.44 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM AROMATIC HC STD1