

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050125AR\
 Data File : FD049298.D
 Signal(s) : FID2B.ch
 Acq On : 01 May 2025 10:30
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: May 01 12:27:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 12:24:43 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...	7.745	11463954	96.108 ug/ml
Spiked Amount 50.000		Recovery =	192.22%
6) S 2-Fluorobiphenyl (SURR)	8.611	7800759	96.832 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	193.66%#
11) S ortho-Terphenyl (SURR)	11.657	13203715	95.222 ug/ml
Spiked Amount 50.000		Recovery =	190.44%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.533	12023424	96.262 ug/ml
2) T Naphthalene (C11.7)	6.080	12923661	96.696 ug/ml
3) T 2-Methylnaphthalene (...)	7.135	12548644	96.359 ug/ml
5) T Acenaphthylene (C15.06)	8.416	13558134	95.743 ug/ml
7) T Acenaphthene (C15.5)	8.713	13212373	95.931 ug/ml
8) T Fluorene (C16.55)	9.494	13224001	95.995 ug/ml
9) T Phenanthrene (C19.36)	10.894	13198540	96.327 ug/ml
10) T Anthracene (C19.43)	10.970	11932871	97.422 ug/ml
12) T Fluoranthene (C21.85)	12.710	13459488	97.026 ug/ml
13) T Pyrene (C20.8)	13.010	13508747	97.173 ug/ml
14) T Benzo[a]anthracene (C...	14.880	11905065	99.763 ug/ml
15) T Chrysene (C27.41)	14.928	11971428	99.233 ug/ml
16) T benzo[b]fluoranthene ...	16.435	12128915	98.221 ug/ml
17) T Bnezo[k]fluoranthene ...	16.474	11789554	97.799 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.817	11413341	97.782 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.183	11097989	98.710 ug/ml
20) T Dibenz[a,h]anthracene...	18.223	10329974	96.013 ug/ml
21) T Benzo[g,h,i]perylene ...	18.446	11675578	96.897 ug/ml

(f)=RT Delta > 1/2 Window

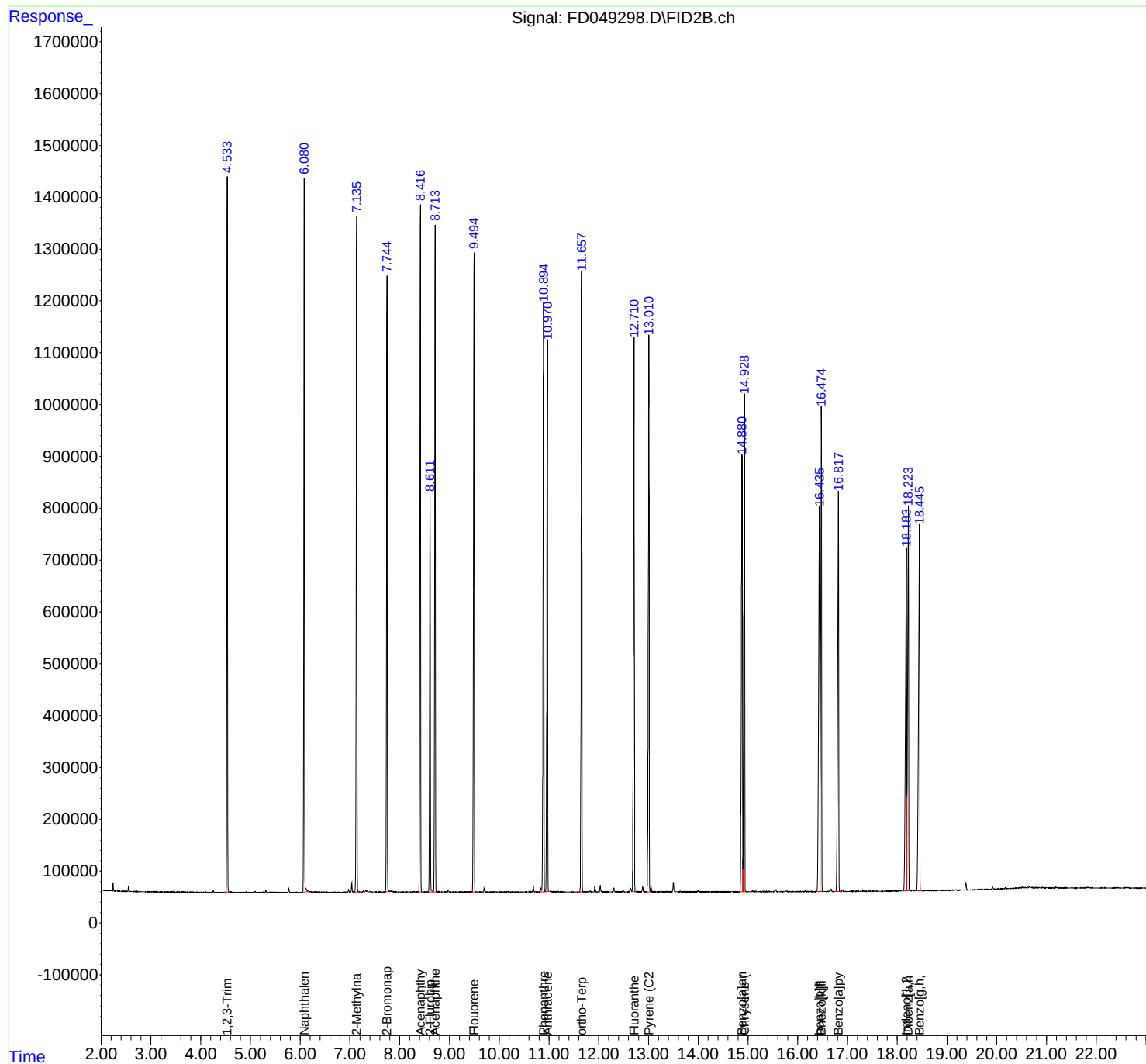
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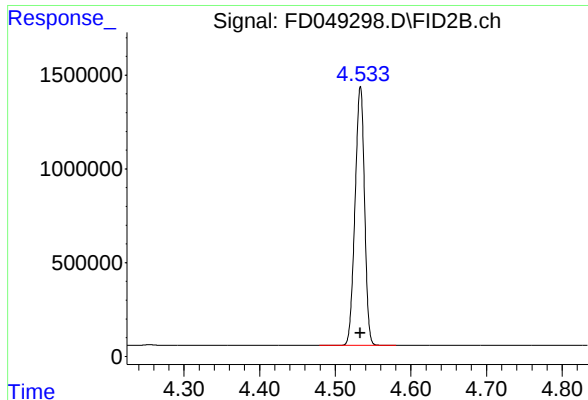
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#1 1,2,3-Trimethylbenzene (C10.1)

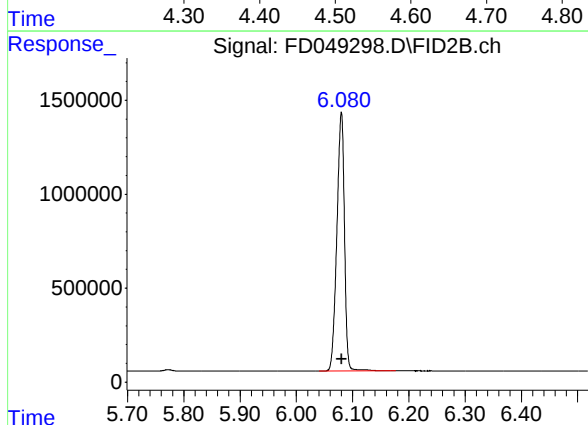
R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 12023424
Conc: 96.26 ug/ml

Instrument :

FID_D

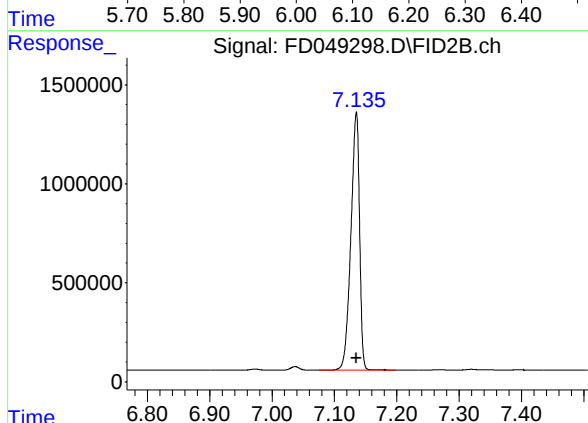
ClientSampleId :

100 PPM AROMATIC HC STD1



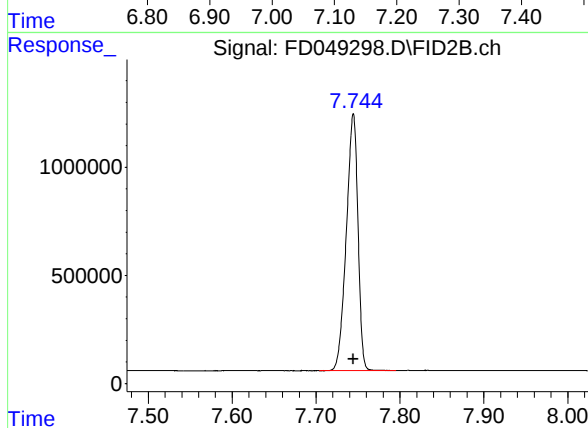
#2 Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 12923661
Conc: 96.70 ug/ml



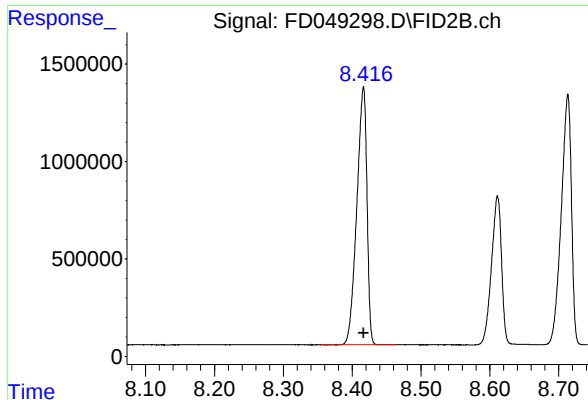
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 12548644
Conc: 96.36 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.745 min
Delta R.T.: 0.000 min
Response: 11463954
Conc: 96.11 ug/ml



#5 Acenaphthylene (C15.06)

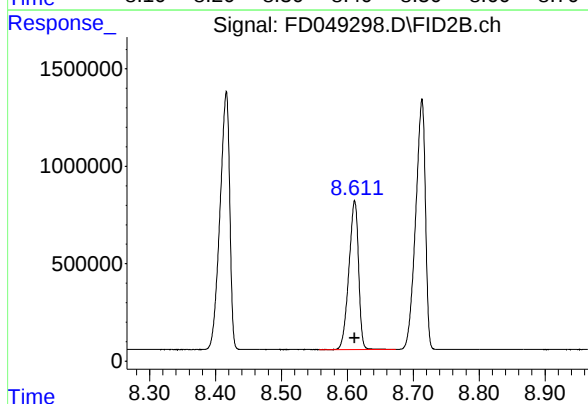
R.T.: 8.416 min
Delta R.T.: 0.000 min
Response: 13558134
Conc: 95.74 ug/ml

Instrument :

FID_D

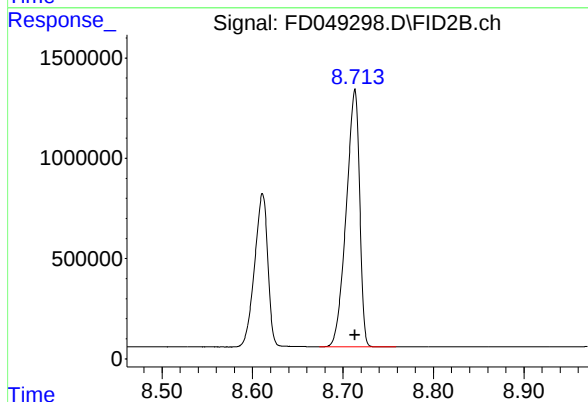
ClientSampleId :

100 PPM AROMATIC HC STD1



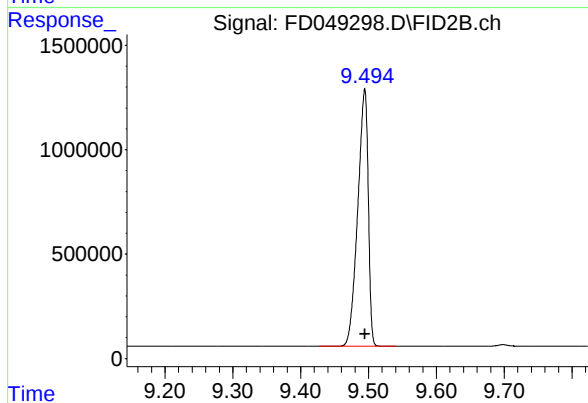
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 7800759
Conc: 96.83 ug/ml



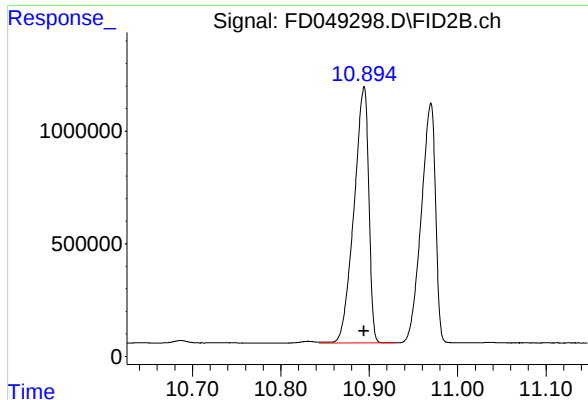
#7 Acenaphthene (C15.5)

R.T.: 8.713 min
Delta R.T.: 0.000 min
Response: 13212373
Conc: 95.93 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.494 min
Delta R.T.: 0.000 min
Response: 13224001
Conc: 96.00 ug/ml



#9 Phenanthrene (C19.36)

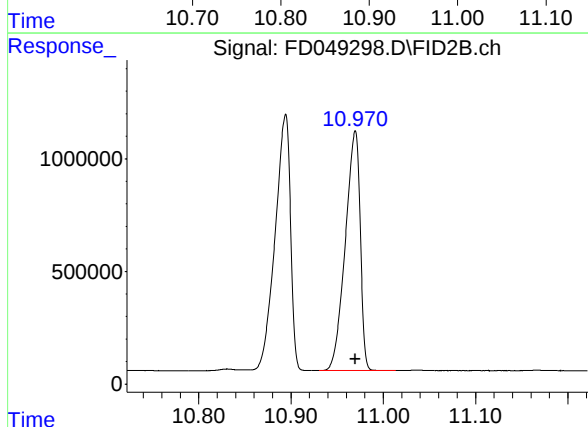
R.T.: 10.894 min
Delta R.T.: 0.000 min
Response: 13198540
Conc: 96.33 ug/ml

Instrument :

FID_D

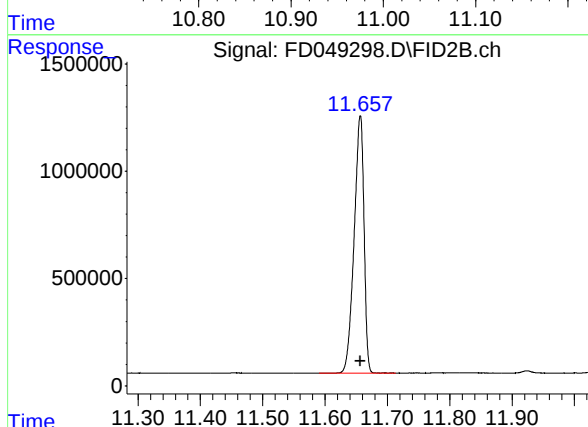
ClientSampleId :

100 PPM AROMATIC HC STD1



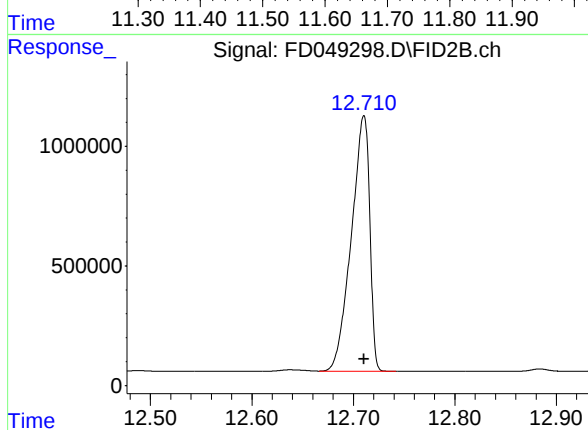
#10 Anthracene (C19.43)

R.T.: 10.970 min
Delta R.T.: 0.000 min
Response: 11932871
Conc: 97.42 ug/ml



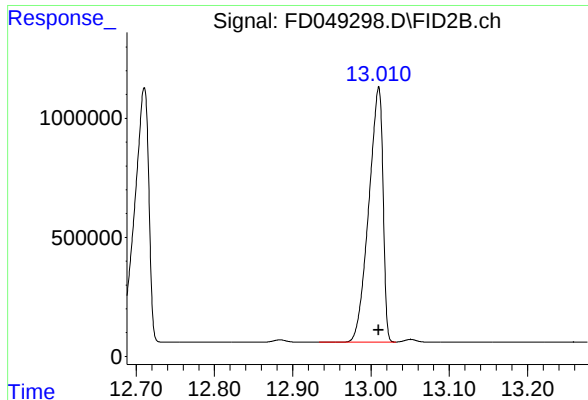
#11 ortho-Terphenyl (SURR)

R.T.: 11.657 min
Delta R.T.: 0.000 min
Response: 13203715
Conc: 95.22 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.710 min
Delta R.T.: 0.000 min
Response: 13459488
Conc: 97.03 ug/ml



#13 Pyrene (C20.8)

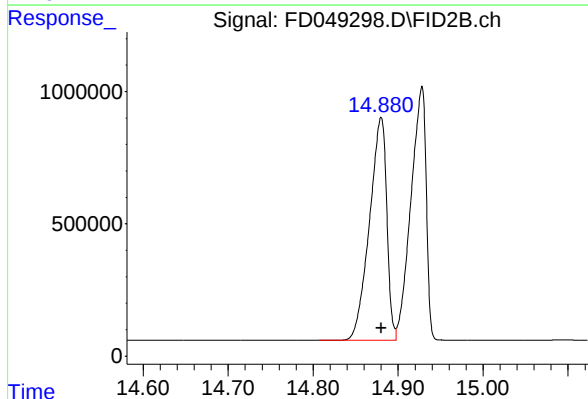
R.T.: 13.010 min
Delta R.T.: 0.000 min
Response: 13508747
Conc: 97.17 ug/ml

Instrument :

FID_D

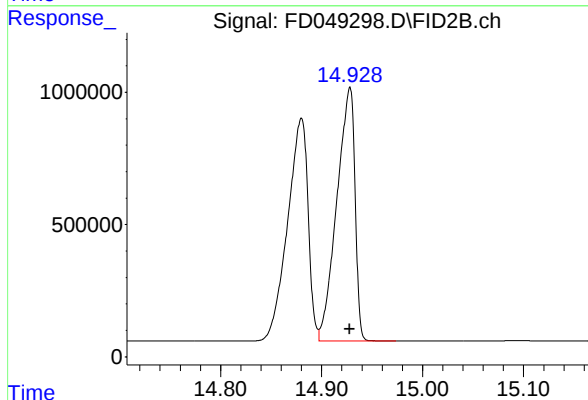
ClientSampleId :

100 PPM AROMATIC HC STD1



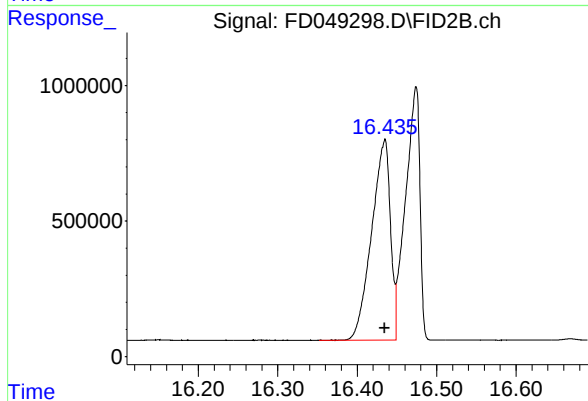
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.880 min
Delta R.T.: 0.000 min
Response: 11905065
Conc: 99.76 ug/ml



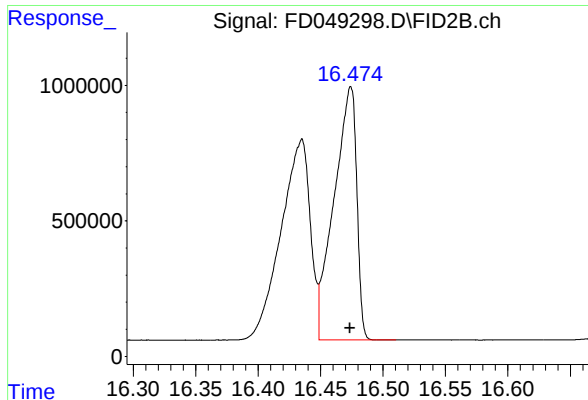
#15 Chrysene (C27.41)

R.T.: 14.928 min
Delta R.T.: 0.000 min
Response: 11971428
Conc: 99.23 ug/ml



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

R.T.: 16.435 min
Delta R.T.: 0.000 min
Response: 12128915
Conc: 98.22 ug/ml



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

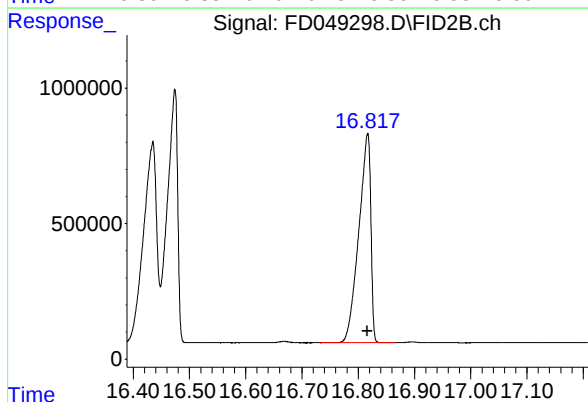
R.T.: 16.474 min
Delta R.T.: 0.000 min
Response: 11789554
Conc: 97.80 ug/ml

Instrument :

FID_D

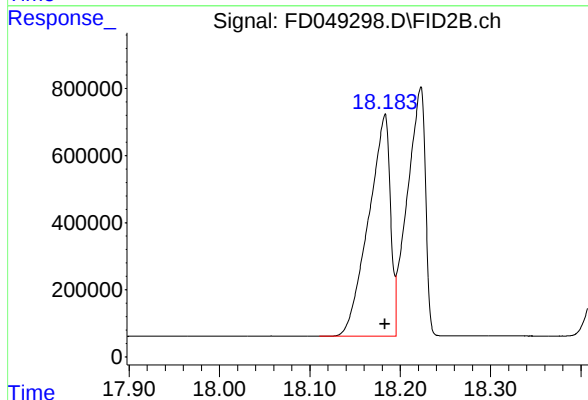
ClientSampleId :

100 PPM AROMATIC HC STD1



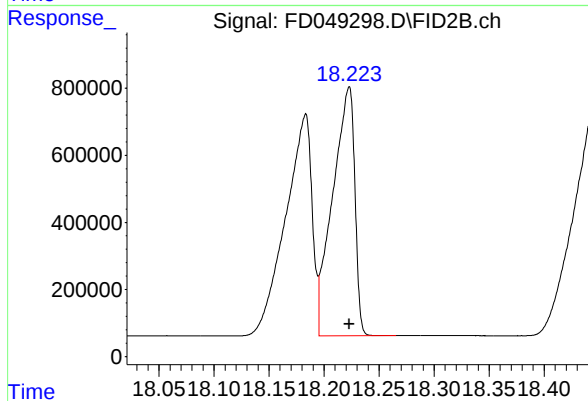
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.817 min
Delta R.T.: 0.000 min
Response: 11413341
Conc: 97.78 ug/ml



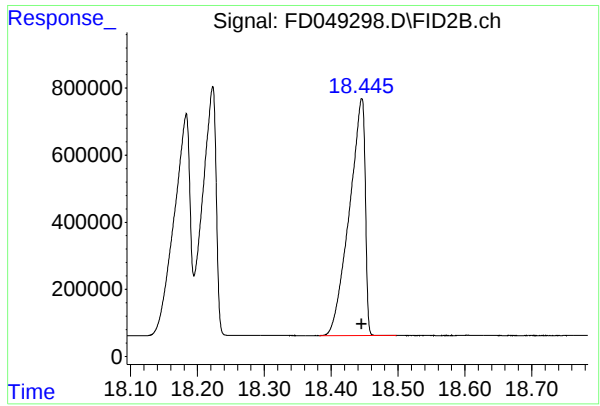
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.183 min
Delta R.T.: 0.000 min
Response: 11097989
Conc: 98.71 ug/ml



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

R.T.: 18.223 min
Delta R.T.: 0.000 min
Response: 10329974
Conc: 96.01 ug/ml



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

R.T.: 18.446 min
Delta R.T.: 0.000 min
Response: 11675578
Conc: 96.90 ug/ml

Instrument :

FID_D

ClientSampleId :

100 PPM AROMATIC HC STD1