

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122422AR\
 Data File : FD044710.D
 Signal(s) : FID2B.ch
 Acq On : 24 Dec 2022 09:49
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Dec 25 16:33:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 16:32:43 2022
 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...	7.667	12467829	89.903 ug/ml
Spiked Amount 50.000		Recovery =	179.81%
6) S 2-Fluorobiphenyl (SURR)	8.526	8422281	90.456 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	180.91%#
11) S ortho-Terphenyl (SURR)	11.557	15545243	89.786 ug/ml
Spiked Amount 50.000		Recovery =	179.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.483	13867697	89.192 ug/ml
2) T Naphthalene (C11.7)	6.013	14412260	89.122 ug/ml
3) T 2-Methylnaphthalene (...)	7.061	14488658	89.931 ug/ml
5) T Acenaphthylene (C15.06)	8.331	12952676	87.604 ug/ml
7) T Acenaphthene (C15.5)	8.627	14000545	89.701 ug/ml
8) T Fluorene (C16.55)	9.403	13807061	89.637 ug/ml
9) T Phenanthrene (C19.36)	10.793	13573059	89.747 ug/ml
10) T Anthracene (C19.43)	10.865	8897488	61.897 ug/ml
12) T Fluoranthene (C21.85)	12.597	13498640	89.825 ug/ml
13) T Pyrene (C20.8)	12.893	13202478	89.676 ug/ml
14) T Benzo[a]anthracene (C...	14.753	12105610	86.908 ug/ml
15) T Chrysene (C27.41)	14.800	12928936	88.716 ug/ml
16) T benzo[b]fluoranthene ...	16.297	13111022	90.702 ug/ml
17) T Bnezo[k]fluoranthene ...	16.297	13111022	91.328 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.676	12682521	89.456 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.033	12610833	93.830 ug/ml
20) T Dibenz[a,h]anthracene...	18.033	12610833	91.237 ug/ml
21) T Benzo[g,h,i]perylene ...	18.292	12464256	91.184 ug/ml

(f)=RT Delta > 1/2 Window

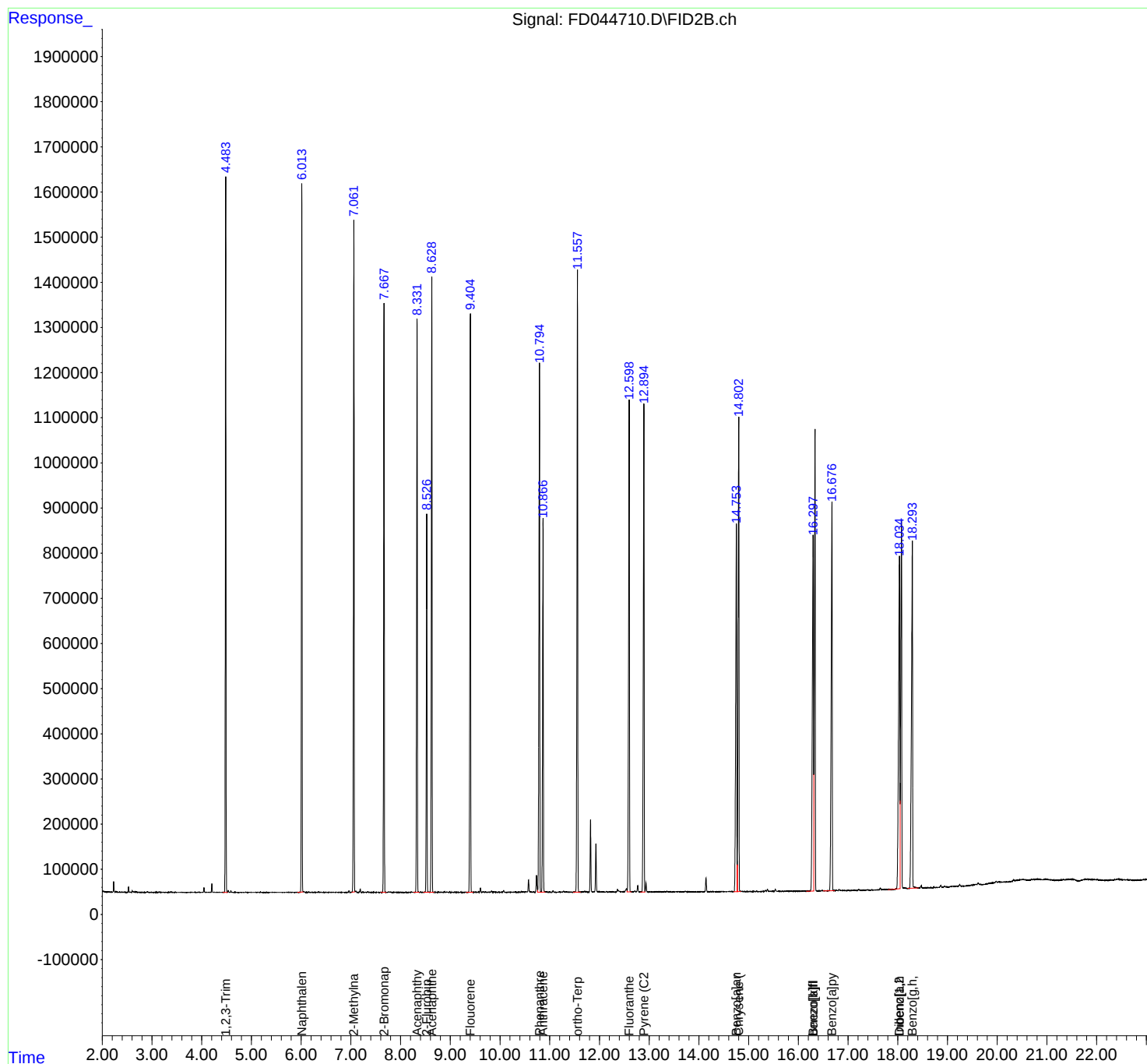
(m)=manual int.

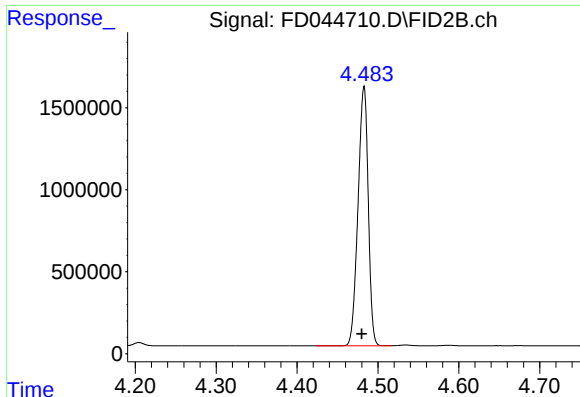
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#1 1,2,3-Trimethylbenzene (C10.1)

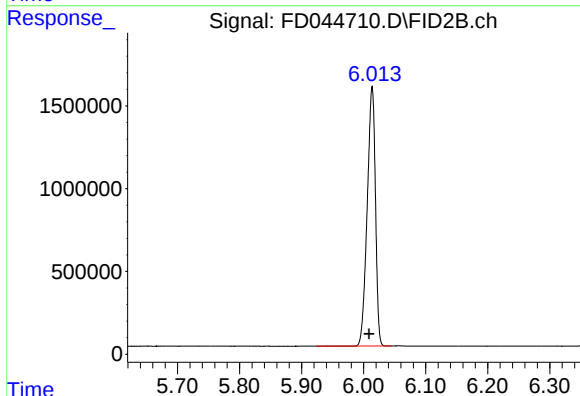
R.T.: 4.483 min
Delta R.T.: 0.003 min
Response: 13867697
Conc: 89.19 ug/ml

Instrument :

FID_D

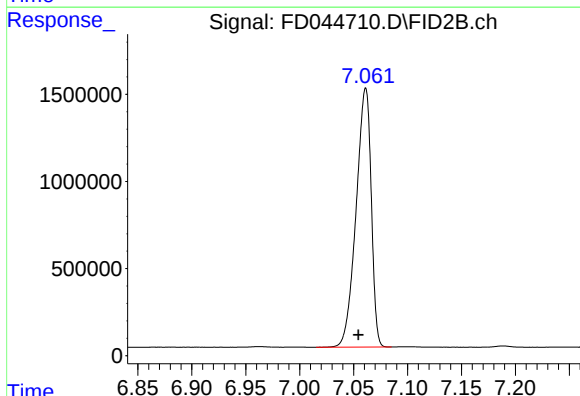
ClientSampleId :

100 PPM AROMATIC HC STD1



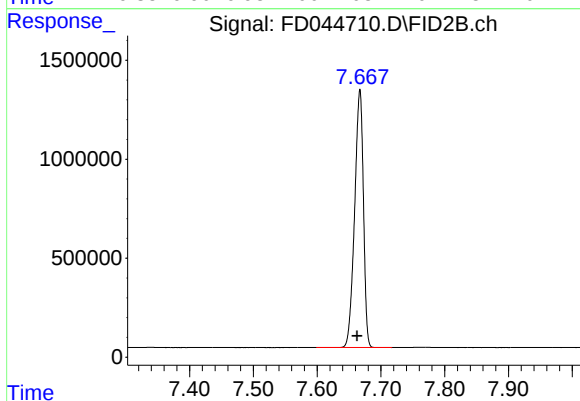
#2 Naphthalene (C11.7)

R.T.: 6.013 min
Delta R.T.: 0.004 min
Response: 14412260
Conc: 89.12 ug/ml



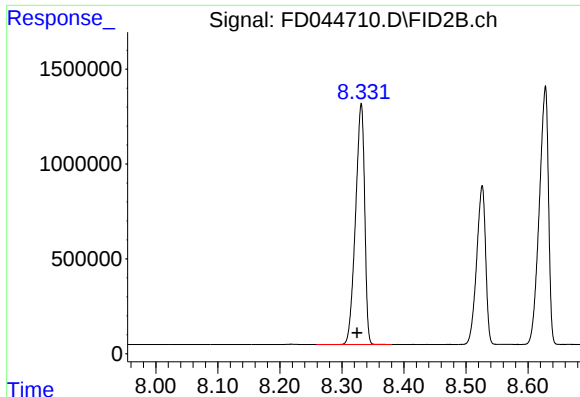
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.061 min
Delta R.T.: 0.006 min
Response: 14488658
Conc: 89.93 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.667 min
Delta R.T.: 0.004 min
Response: 12467829
Conc: 89.90 ug/ml



#5 Acenaphthylene (C15.06)

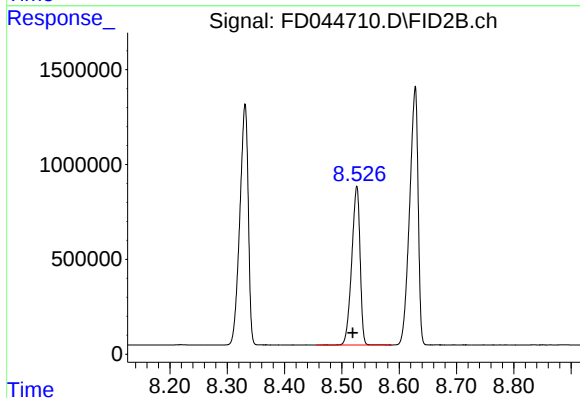
R.T.: 8.331 min
Delta R.T.: 0.007 min
Response: 12952676
Conc: 87.60 ug/ml

Instrument :

FID_D

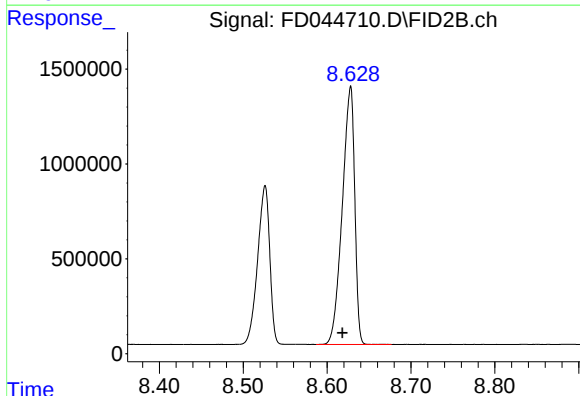
ClientSampleId :

100 PPM AROMATIC HC STD1



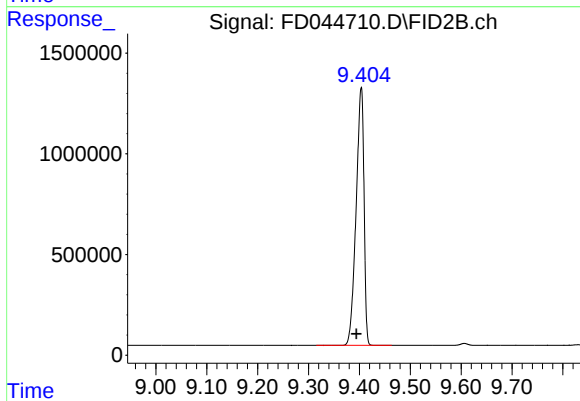
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.526 min
Delta R.T.: 0.007 min
Response: 8422281
Conc: 90.46 ug/ml



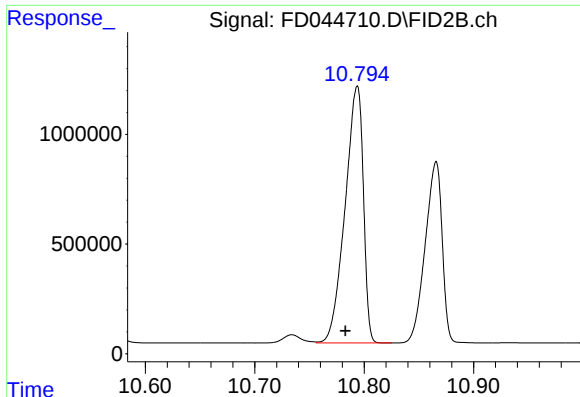
#7 Acenaphthene (C15.5)

R.T.: 8.627 min
Delta R.T.: 0.009 min
Response: 14000545
Conc: 89.70 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.403 min
Delta R.T.: 0.009 min
Response: 13807061
Conc: 89.64 ug/ml



#9 Phenanthrene (C19.36)

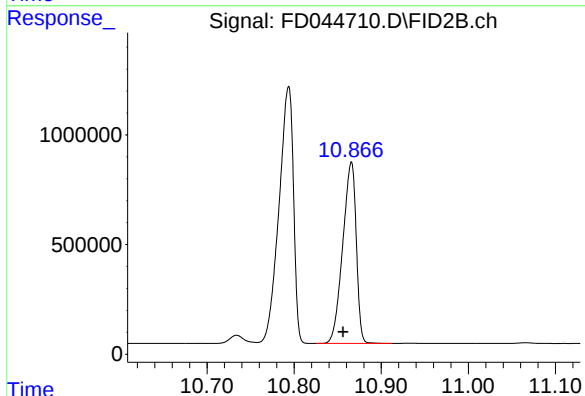
R.T.: 10.793 min
Delta R.T.: 0.010 min
Response: 13573059
Conc: 89.75 ug/ml

Instrument :

FID_D

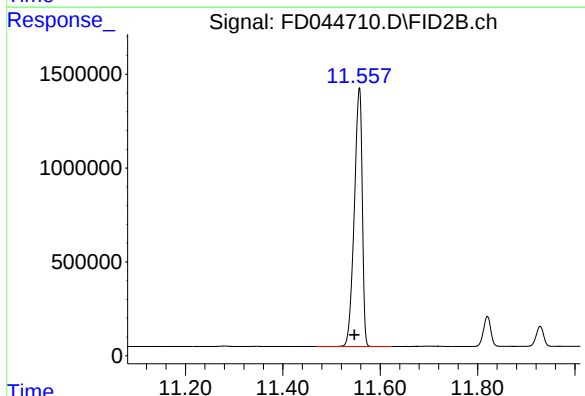
ClientSampleId :

100 PPM AROMATIC HC STD1



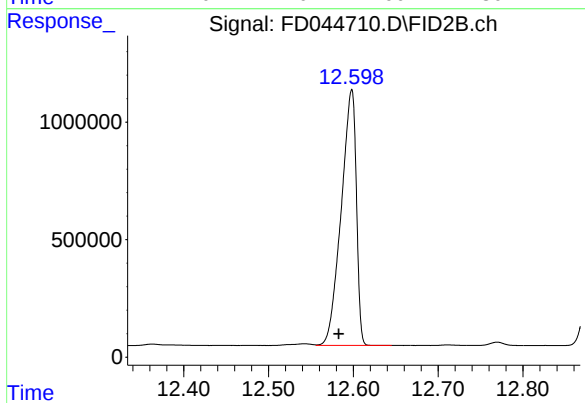
#10 Anthracene (C19.43)

R.T.: 10.865 min
Delta R.T.: 0.009 min
Response: 8897488
Conc: 61.90 ug/ml



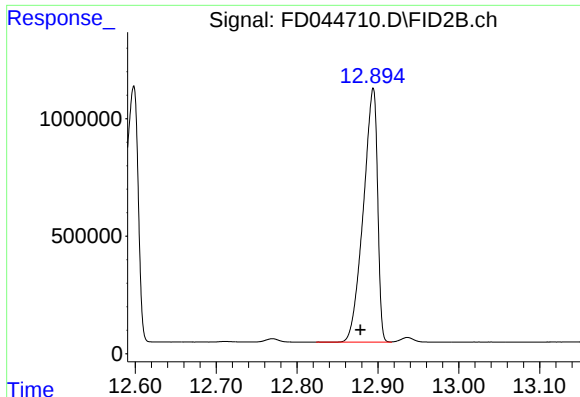
#11 ortho-Terphenyl (SURR)

R.T.: 11.557 min
Delta R.T.: 0.010 min
Response: 15545243
Conc: 89.79 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.597 min
Delta R.T.: 0.015 min
Response: 13498640
Conc: 89.82 ug/ml



#13 Pyrene (C20.8)

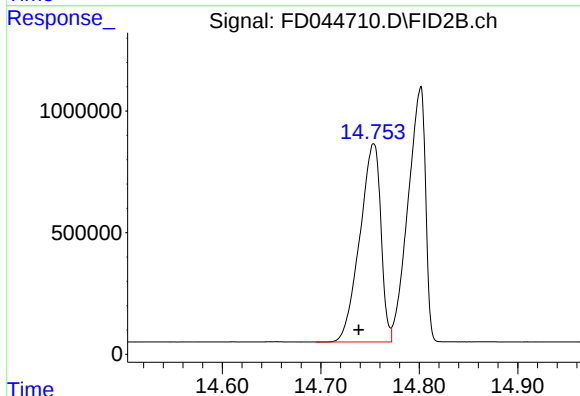
R.T.: 12.893 min
Delta R.T.: 0.015 min
Response: 13202478
Conc: 89.68 ug/ml

Instrument :

FID_D

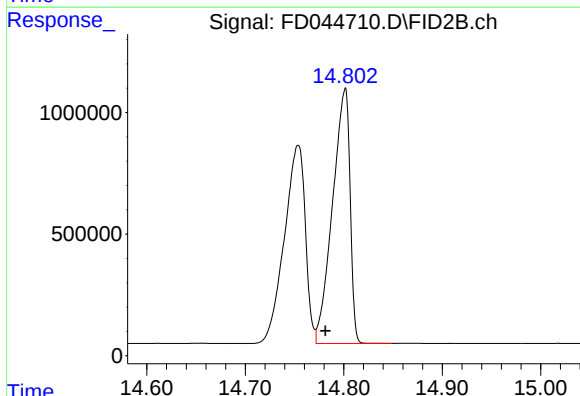
ClientSampleId :

100 PPM AROMATIC HC STD1



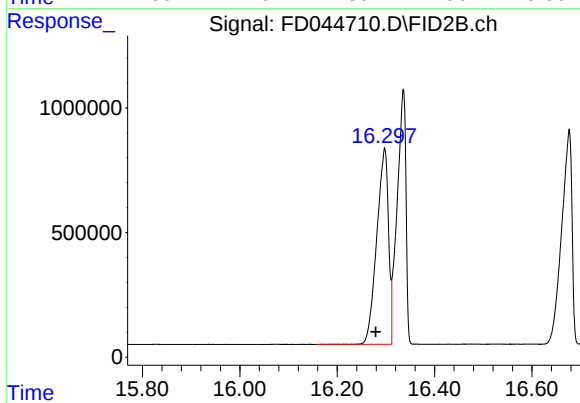
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.753 min
Delta R.T.: 0.015 min
Response: 12105610
Conc: 86.91 ug/ml



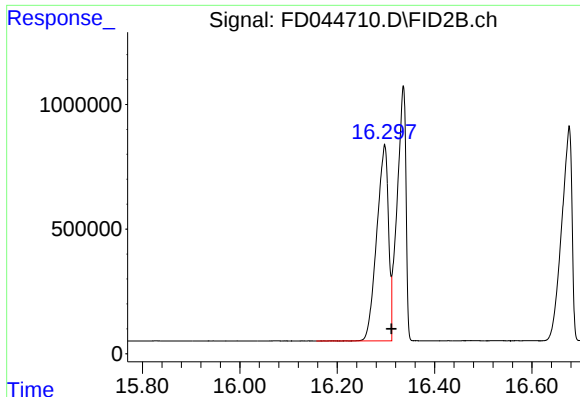
#15 Chrysene (C27.41)

R.T.: 14.800 min
Delta R.T.: 0.019 min
Response: 12928936
Conc: 88.72 ug/ml



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

R.T.: 16.297 min
Delta R.T.: 0.018 min
Response: 13111022
Conc: 90.70 ug/ml



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

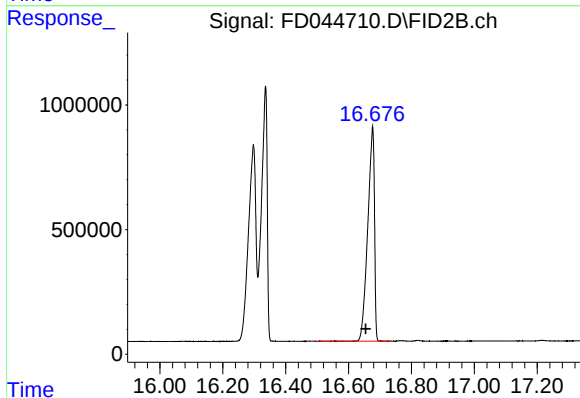
R.T.: 16.297 min
Delta R.T.: -0.014 min
Response: 13111022
Conc: 91.33 ug/ml

Instrument :

FID_D

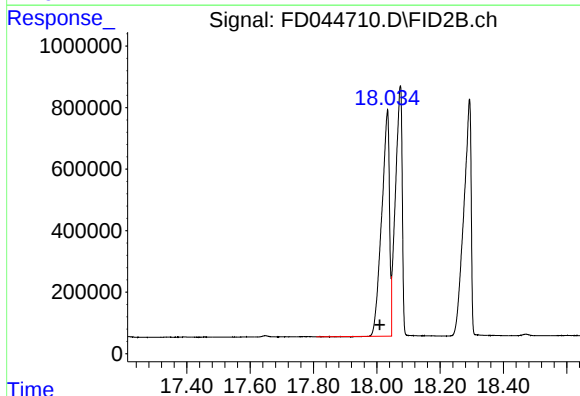
ClientSampleId :

100 PPM AROMATIC HC STD1



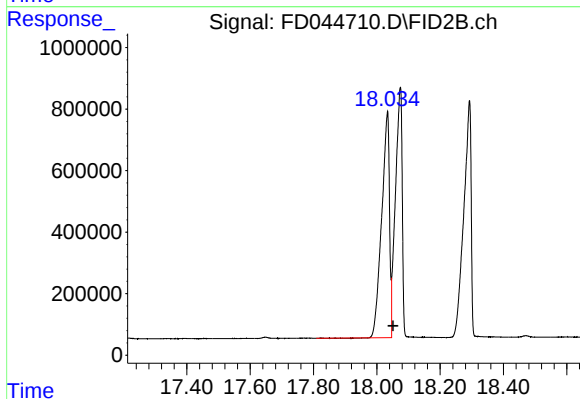
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.676 min
Delta R.T.: 0.021 min
Response: 12682521
Conc: 89.46 ug/ml



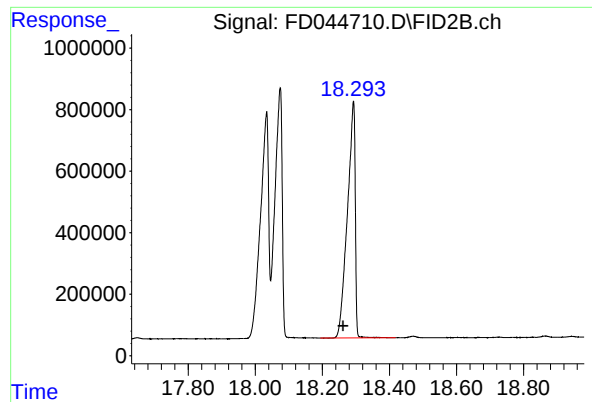
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.033 min
Delta R.T.: 0.023 min
Response: 12610833
Conc: 93.83 ug/ml



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

R.T.: 18.033 min
Delta R.T.: -0.018 min
Response: 12610833
Conc: 91.24 ug/ml



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

R.T.: 18.292 min
Delta R.T.: 0.030 min
Response: 12464256
Conc: 91.18 ug/ml

Instrument :
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ClientSampleId :
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