

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110322AR\
 Data File : FD044383.D
 Signal(s) : FID2B.ch
 Acq On : 03 Nov 2022 15:47
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Nov 04 05:52:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 04 05:41:11 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...	7.718	12232053	95.997 ug/ml
Spiked Amount 50.000		Recovery =	191.99%
6) S 2-Fluorobiphenyl (SURR)	8.583	8394119	95.530 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	191.06%#
11) S ortho-Terphenyl (SURR)	11.624	15453823	95.411 ug/ml
Spiked Amount 50.000		Recovery =	190.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.515	13237360	96.297 ug/ml
2) T Naphthalene (C11.7)	6.057	14079989	96.122 ug/ml
3) T 2-Methylnaphthalene (...)	7.110	14253868	96.125 ug/ml
5) T Acenaphthylene (C15.06)	8.387	13214202	94.797 ug/ml
7) T Acenaphthene (C15.5)	8.685	13893732	95.754 ug/ml
8) T Fluorene (C16.55)	9.464	13778679	95.643 ug/ml
9) T Phenanthrene (C19.36)	10.860	13555399	95.476 ug/ml
10) T Anthracene (C19.43)	10.937	13243735	95.710 ug/ml
12) T Fluoranthene (C21.85)	12.671	13671345	95.422 ug/ml
13) T Pyrene (C20.8)	12.969	13402384	95.423 ug/ml
14) T Benzo[a]anthracene (C...	14.836	12641915	95.622 ug/ml
15) T Chrysene (C27.41)	14.883	13171406	95.515 ug/ml
16) T benzo[b]fluoranthene ...	16.385	13061555	95.925 ug/ml
17) T Bnezo[k]fluoranthene ...	16.423	12689798	94.403 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.766	12688658	95.629 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.128	12657087	97.064 ug/ml
20) T Dibenz[a,h]anthracene...	18.168	11886725	94.170 ug/ml
21) T Benzo[g,h,i]perylene ...	18.388	12388978	95.733 ug/ml

(f)=RT Delta > 1/2 Window

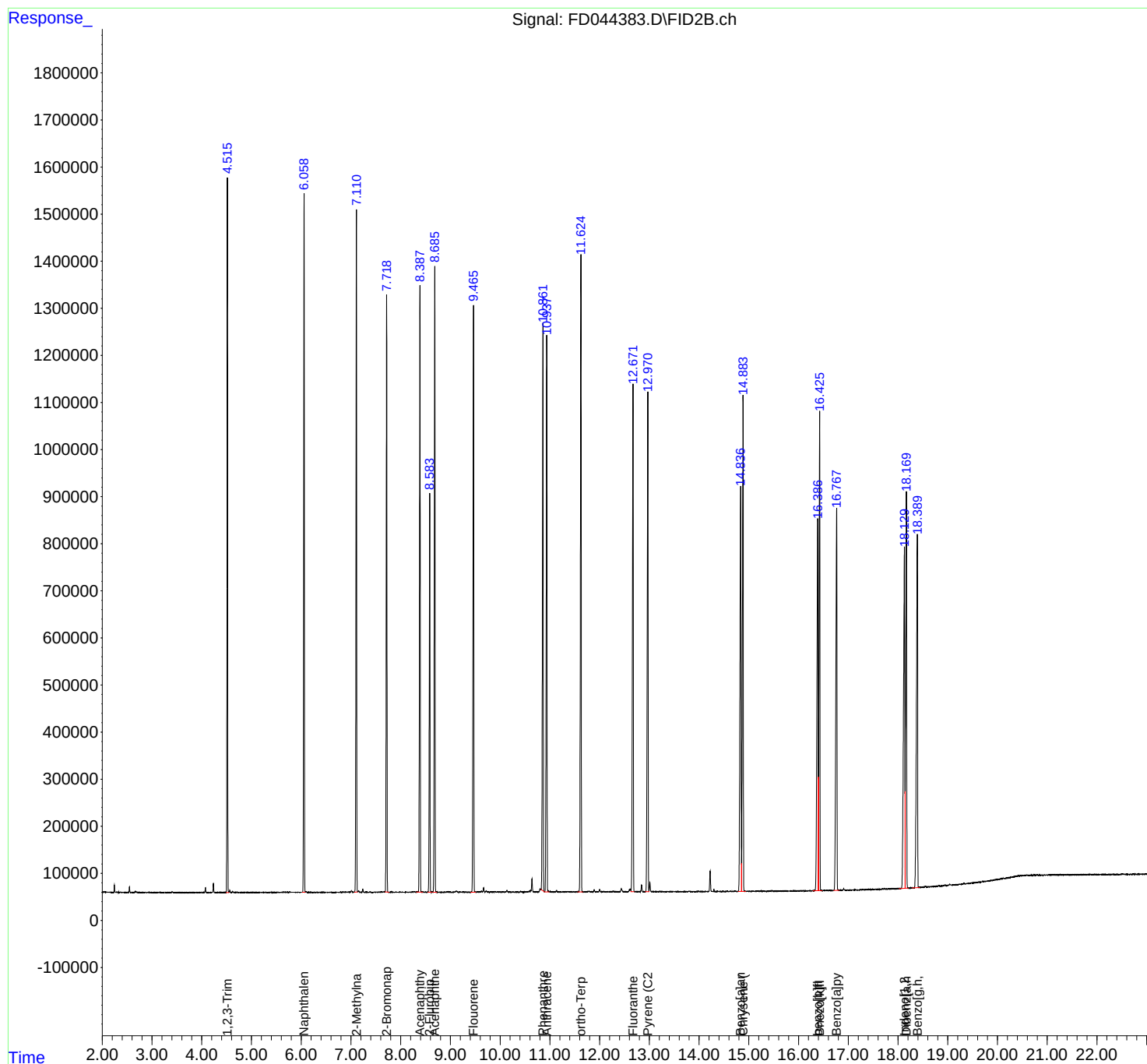
(m)=manual int.

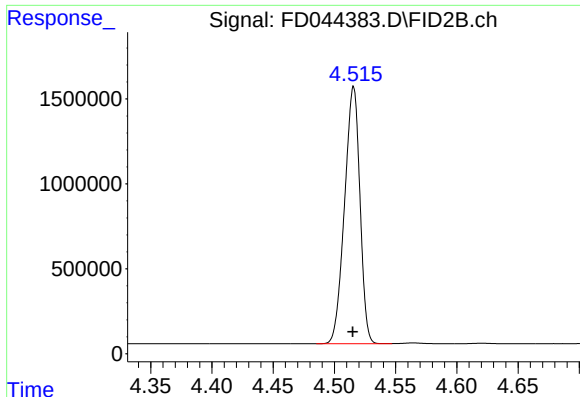
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#1 1,2,3-Trimethylbenzene (C10.1)

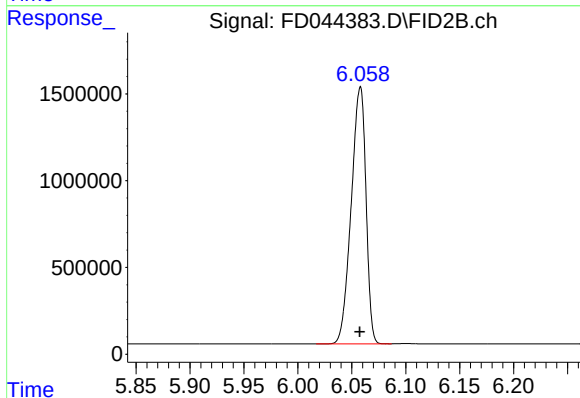
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 13237360
Conc: 96.30 ug/ml

Instrument :

FID_D

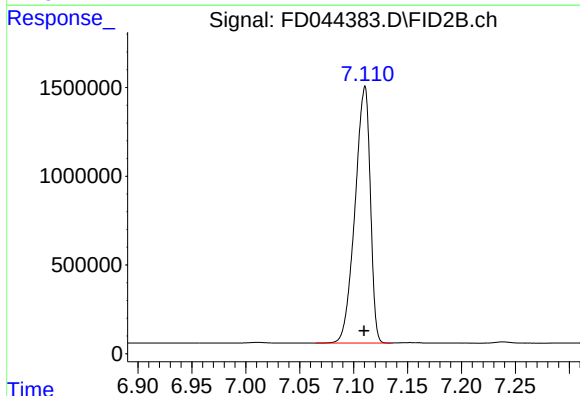
ClientSampleId :

100 PPM AROMATIC HC STD1



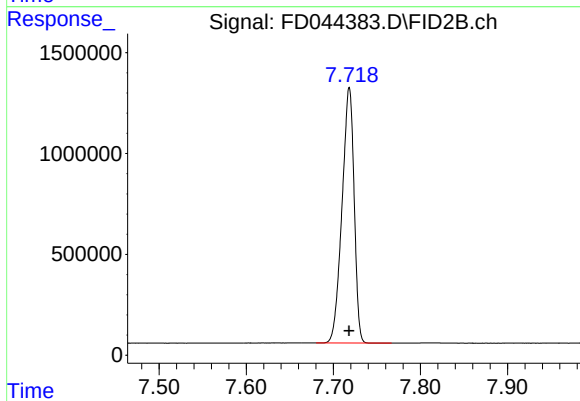
#2 Naphthalene (C11.7)

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 14079989
Conc: 96.12 ug/ml



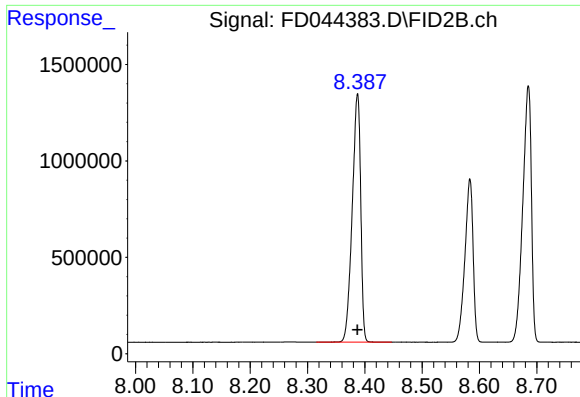
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 14253868
Conc: 96.13 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.718 min
Delta R.T.: 0.000 min
Response: 12232053
Conc: 96.00 ug/ml



#5 Acenaphthylene (C15.06)

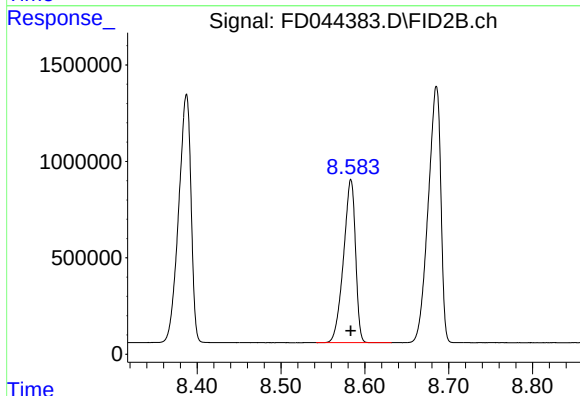
R.T.: 8.387 min
Delta R.T.: 0.000 min
Response: 13214202
Conc: 94.80 ug/ml

Instrument :

FID_D

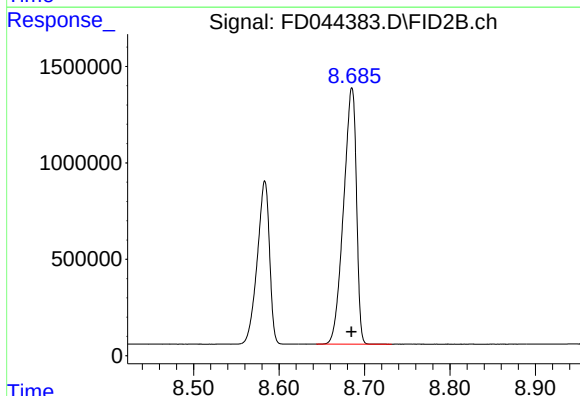
ClientSampleId :

100 PPM AROMATIC HC STD1



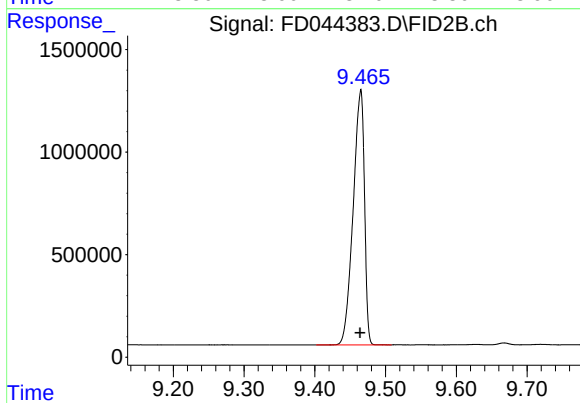
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 8394119
Conc: 95.53 ug/ml



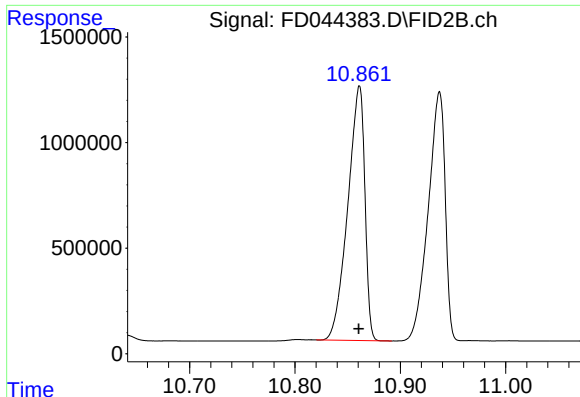
#7 Acenaphthene (C15.5)

R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 13893732
Conc: 95.75 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.464 min
Delta R.T.: 0.000 min
Response: 13778679
Conc: 95.64 ug/ml



#9 Phenanthrene (C19.36)

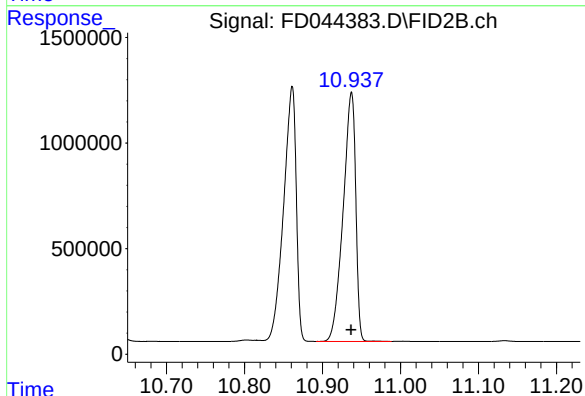
R.T.: 10.860 min
Delta R.T.: 0.000 min
Response: 13555399
Conc: 95.48 ug/ml

Instrument :

FID_D

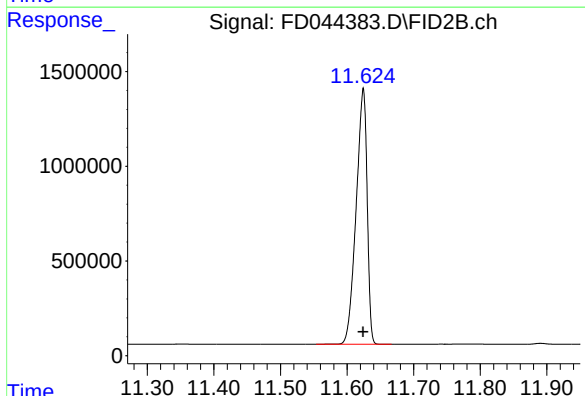
ClientSampleId :

100 PPM AROMATIC HC STD1



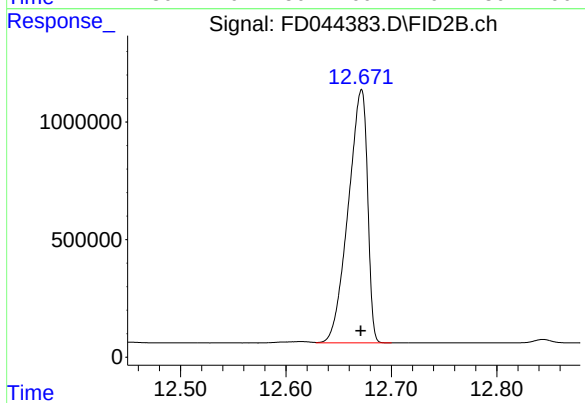
#10 Anthracene (C19.43)

R.T.: 10.937 min
Delta R.T.: 0.000 min
Response: 13243735
Conc: 95.71 ug/ml



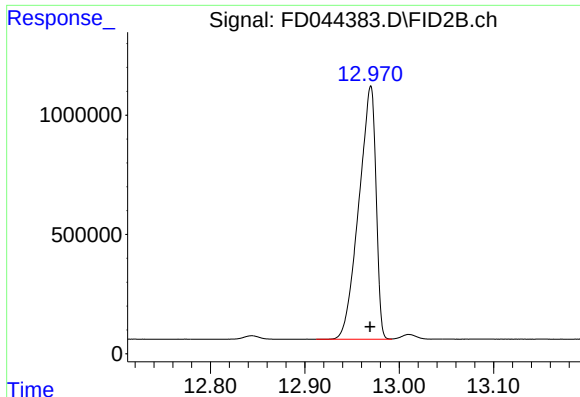
#11 ortho-Terphenyl (SURR)

R.T.: 11.624 min
Delta R.T.: 0.000 min
Response: 15453823
Conc: 95.41 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.671 min
Delta R.T.: 0.000 min
Response: 13671345
Conc: 95.42 ug/ml



#13 Pyrene (C20.8)

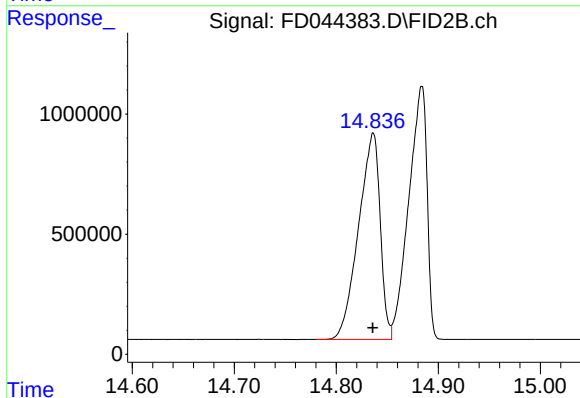
R.T.: 12.969 min
Delta R.T.: 0.000 min
Response: 13402384
Conc: 95.42 ug/ml

Instrument :

FID_D

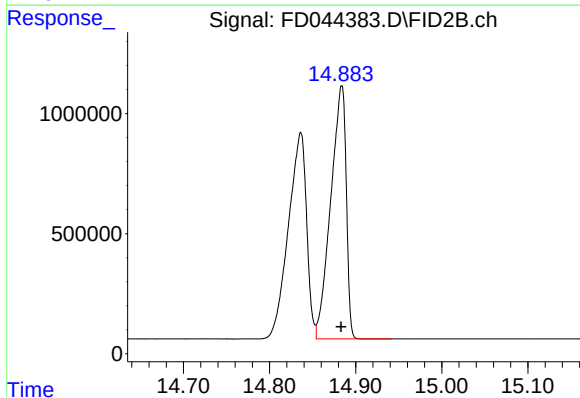
ClientSampleId :

100 PPM AROMATIC HC STD1



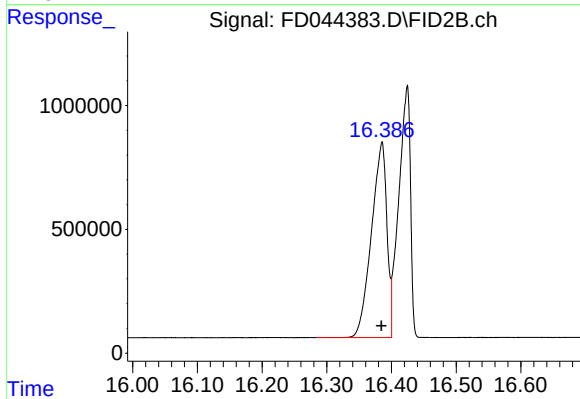
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.836 min
Delta R.T.: 0.000 min
Response: 12641915
Conc: 95.62 ug/ml



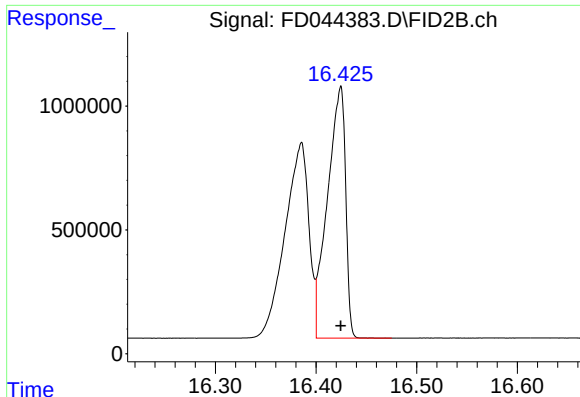
#15 Chrysene (C27.41)

R.T.: 14.883 min
Delta R.T.: 0.000 min
Response: 13171406
Conc: 95.52 ug/ml



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

R.T.: 16.385 min
Delta R.T.: 0.000 min
Response: 13061555
Conc: 95.92 ug/ml



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

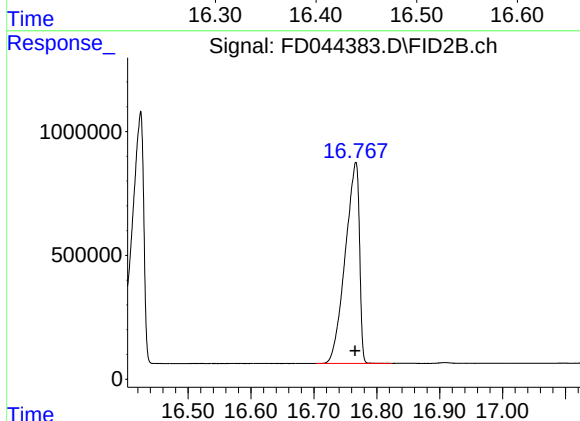
R.T.: 16.423 min
Delta R.T.: -0.001 min
Response: 12689798
Conc: 94.40 ug/ml

Instrument :

FID_D

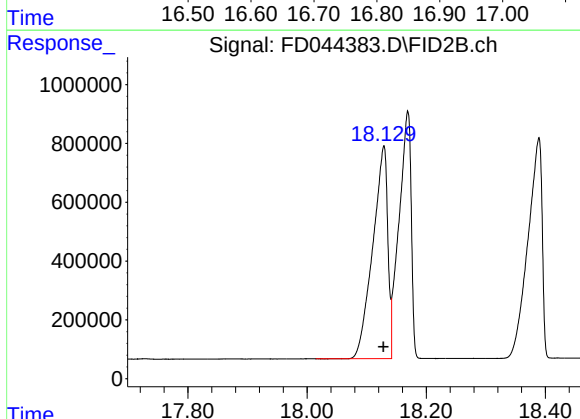
ClientSampleId :

100 PPM AROMATIC HC STD1



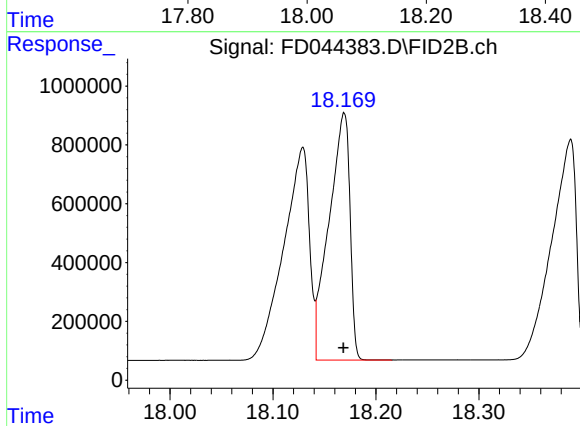
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.766 min
Delta R.T.: 0.000 min
Response: 12688658
Conc: 95.63 ug/ml



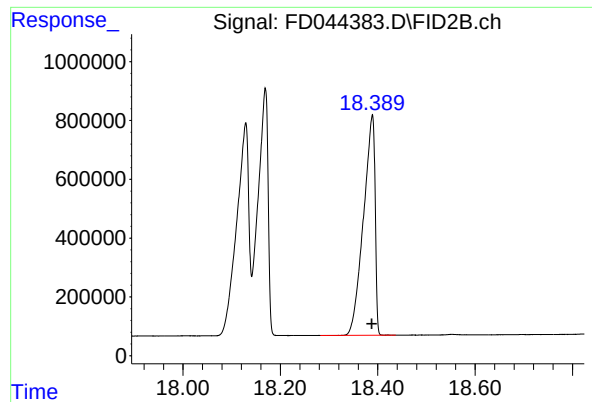
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.128 min
Delta R.T.: 0.000 min
Response: 12657087
Conc: 97.06 ug/ml



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

R.T.: 18.168 min
Delta R.T.: 0.000 min
Response: 11886725
Conc: 94.17 ug/ml



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

R.T.: 18.388 min
Delta R.T.: 0.000 min
Response: 12388978
Conc: 95.73 ug/ml

Instrument :
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ClientSampleId :
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