

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD093024AR\
 Data File : FD048398.D
 Signal(s) : FID2B.ch
 Acq On : 30 Sep 2024 10:32
 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: Sep 30 12:32:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 12:29:39 2024
 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...	7.387	15133598	96.497 ug/ml
Spiked Amount 50.000		Recovery =	192.99%
6) S 2-Fluorobiphenyl (SURR)	8.238	10225240	98.366 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	196.73%#
11) S ortho-Terphenyl (SURR)	11.276	17090754	95.957 ug/ml
Spiked Amount 50.000		Recovery =	191.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.207	16849228	97.651 ug/ml
2) T Naphthalene (C11.7)	5.727	17798831	97.384 ug/ml
3) T 2-Methylnaphthalene (...)	6.776	17826888	97.043 ug/ml
5) T Acenaphthylene (C15.06)	8.042	17456164	95.975 ug/ml
7) T Acenaphthene (C15.5)	8.339	17489337	96.084 ug/ml
8) T Fluorene (C16.55)	9.117	17164502	96.742 ug/ml
9) T Phenanthrene (C19.36)	10.505	17038003	97.268 ug/ml
10) T Anthracene (C19.43)	10.582	16550190	96.030 ug/ml
12) T Fluoranthene (C21.85)	12.312	16931938	96.606 ug/ml
13) T Pyrene (C20.8)	12.605	16804934	96.504 ug/ml
14) T Benzo[a]anthracene (C...	14.474	16142668	98.545 ug/ml
15) T Chrysene (C27.41)	14.521	16511891	94.840 ug/ml
16) T benzo[b]fluoranthene ...	16.024	16340653	97.826 ug/ml
17) T Bnezo[k]fluoranthene ...	16.062	15204824	95.933 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.403	15774557	97.005 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.769	14738374	104.652 ug/ml
20) T Dibenz[a,h]anthracene...	17.808	14680138	92.545 ug/ml
21) T Benzo[g,h,i]perylene ...	18.026	15193201	96.345 ug/ml

(f)=RT Delta > 1/2 Window

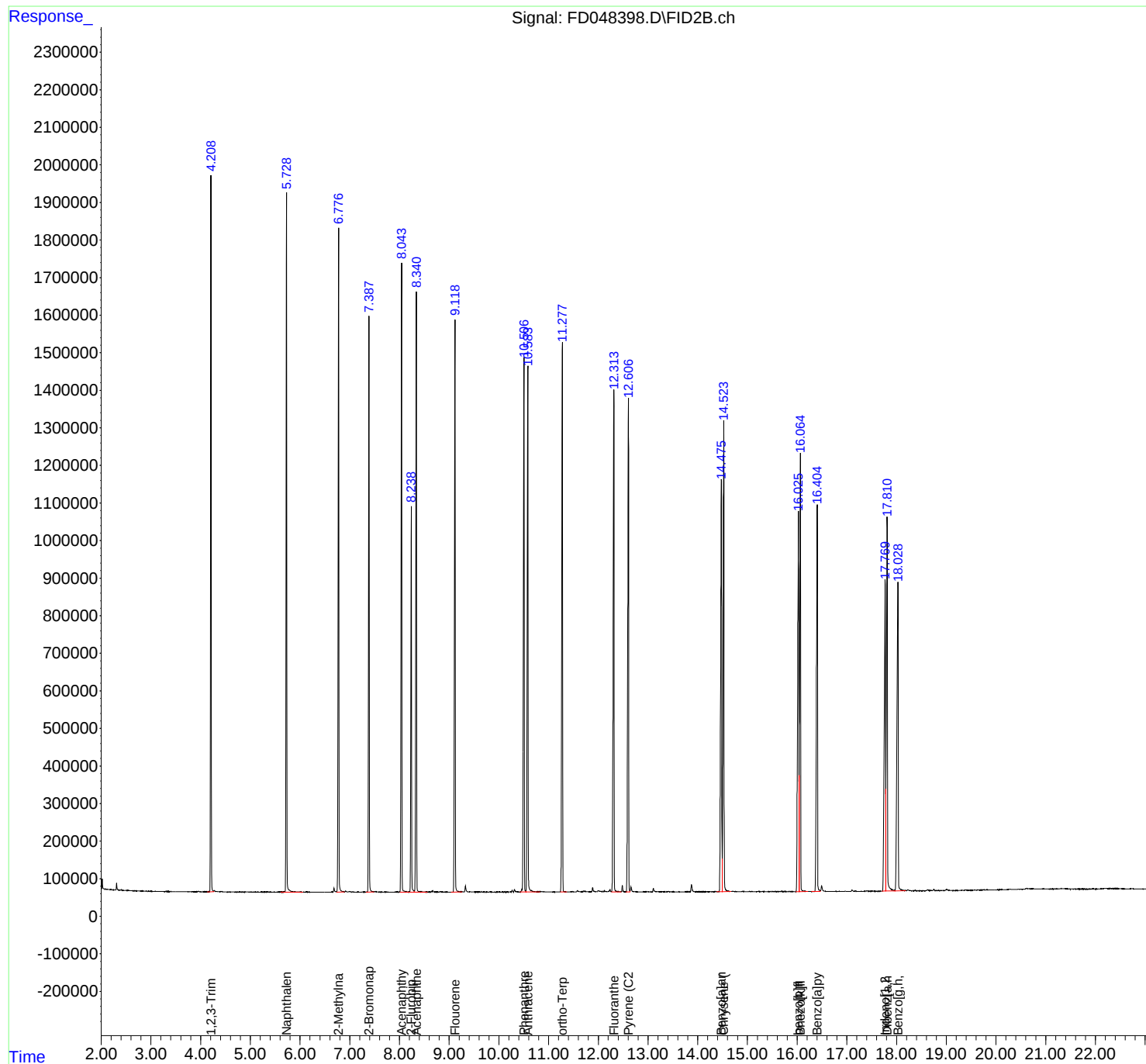
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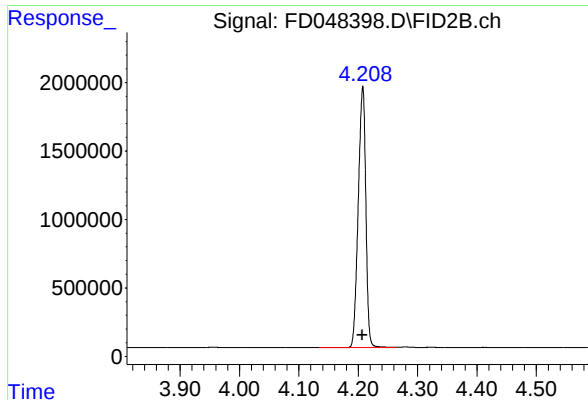
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#1 1,2,3-Trimethylbenzene (C10.1)

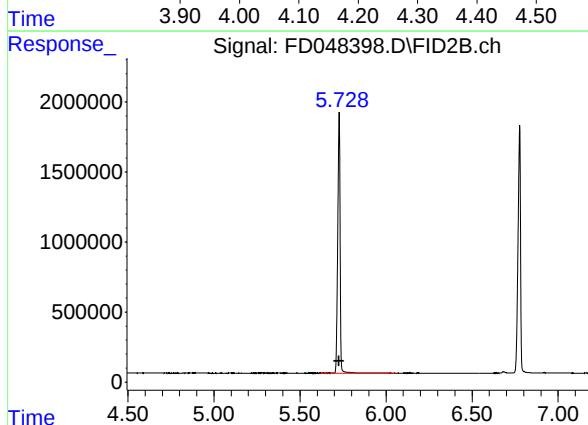
R.T.: 4.207 min
Delta R.T.: 0.000 min
Response: 16849228
Conc: 97.65 ug/ml

Instrument :

FID_D

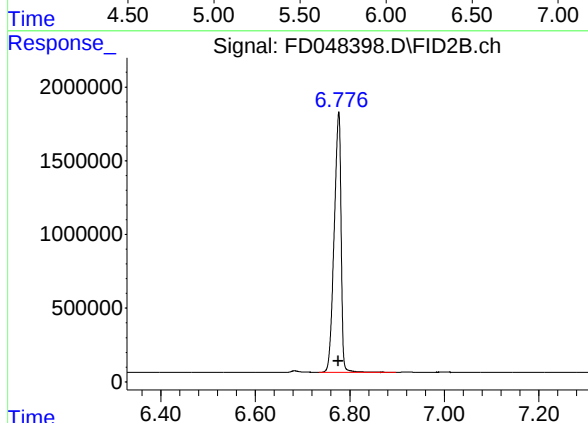
ClientSampleId :

100 PPM AROMATIC HC STD1



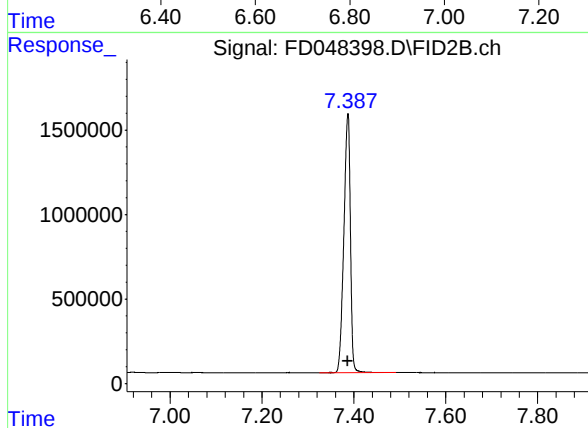
#2 Naphthalene (C11.7)

R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 17798831
Conc: 97.38 ug/ml



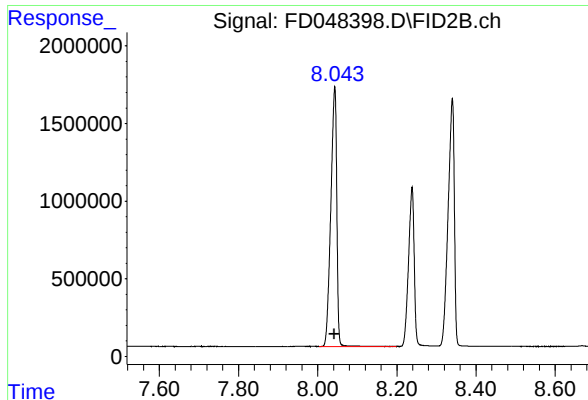
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.776 min
Delta R.T.: 0.000 min
Response: 17826888
Conc: 97.04 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.387 min
Delta R.T.: 0.000 min
Response: 15133598
Conc: 96.50 ug/ml



#5 Acenaphthylene (C15.06)

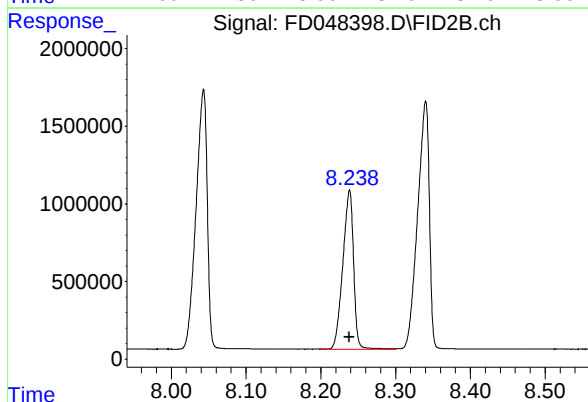
R.T.: 8.042 min
Delta R.T.: 0.000 min
Response: 17456164
Conc: 95.98 ug/ml

Instrument :

FID_D

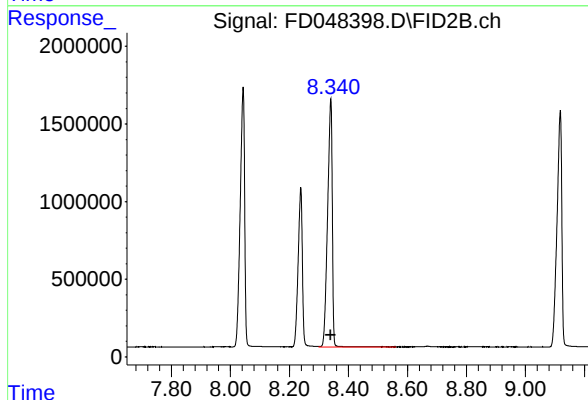
ClientSampleId :

100 PPM AROMATIC HC STD1



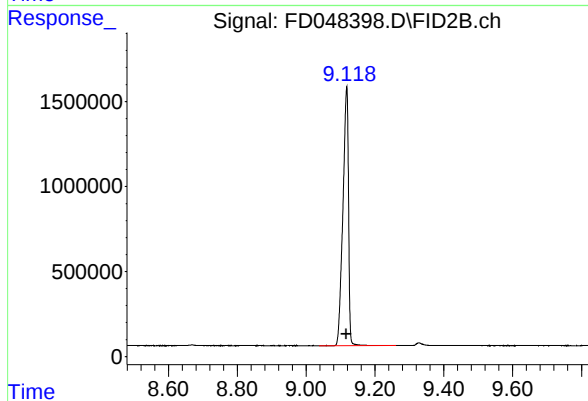
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.238 min
Delta R.T.: 0.000 min
Response: 10225240
Conc: 98.37 ug/ml



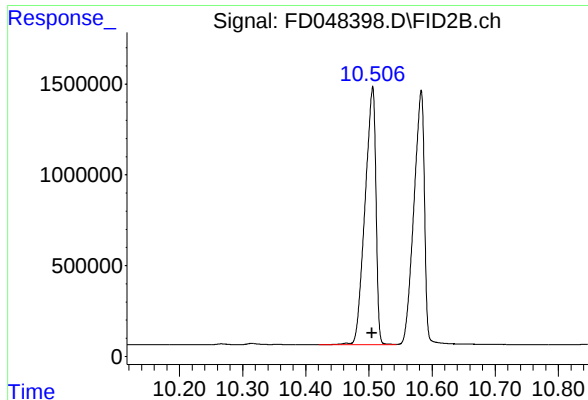
#7 Acenaphthene (C15.5)

R.T.: 8.339 min
Delta R.T.: 0.000 min
Response: 17489337
Conc: 96.08 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.117 min
Delta R.T.: 0.000 min
Response: 17164502
Conc: 96.74 ug/ml



#9 Phenanthrene (C19.36)

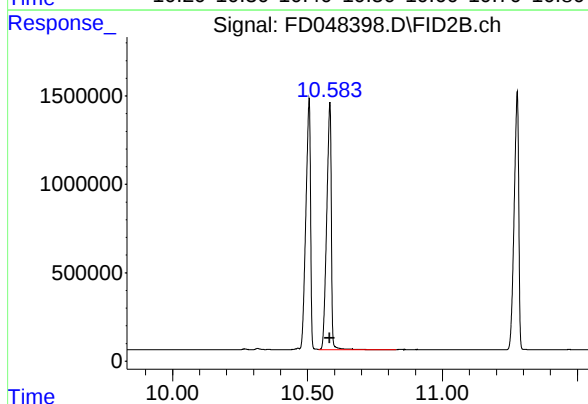
R.T.: 10.505 min
Delta R.T.: 0.000 min
Response: 17038003
Conc: 97.27 ug/ml

Instrument :

FID_D

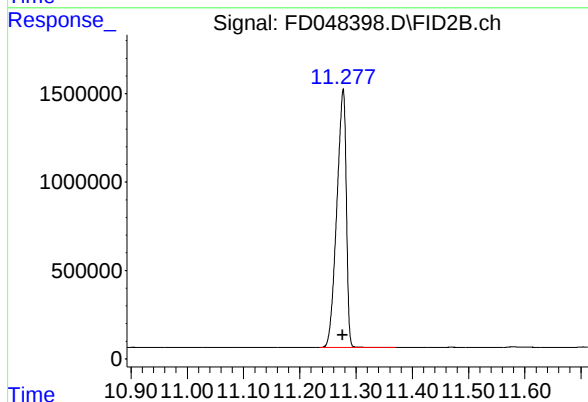
ClientSampleId :

100 PPM AROMATIC HC STD1



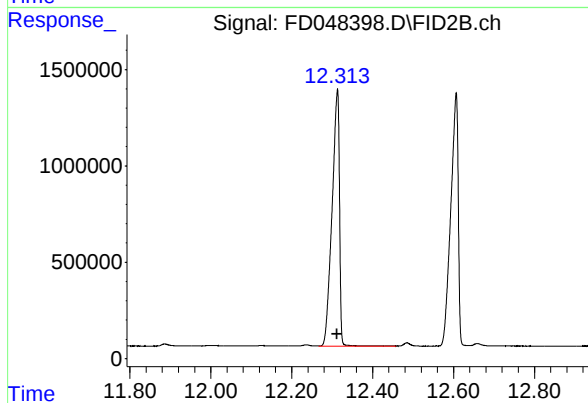
#10 Anthracene (C19.43)

R.T.: 10.582 min
Delta R.T.: 0.000 min
Response: 16550190
Conc: 96.03 ug/ml



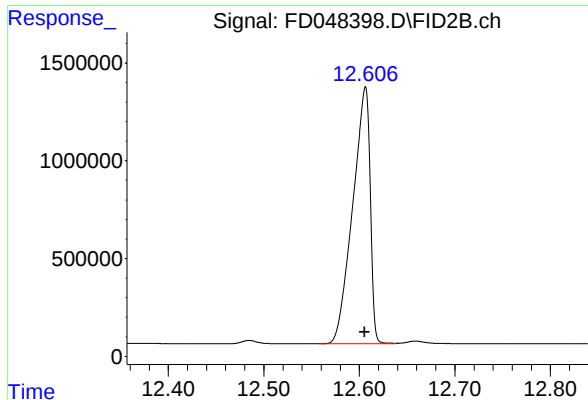
#11 ortho-Terphenyl (SURR)

R.T.: 11.276 min
Delta R.T.: 0.000 min
Response: 17090754
Conc: 95.96 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.312 min
Delta R.T.: 0.000 min
Response: 16931938
Conc: 96.61 ug/ml



#13 Pyrene (C20.8)

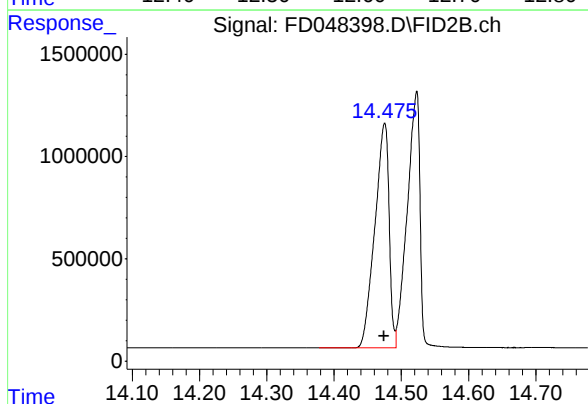
R.T.: 12.605 min
Delta R.T.: 0.000 min
Response: 16804934
Conc: 96.50 ug/ml

Instrument :

FID_D

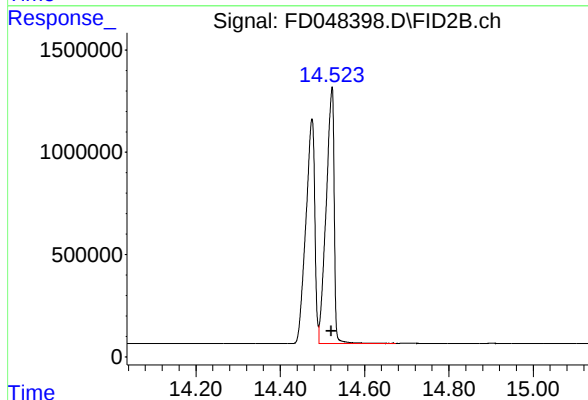
ClientSampleId :

100 PPM AROMATIC HC STD1



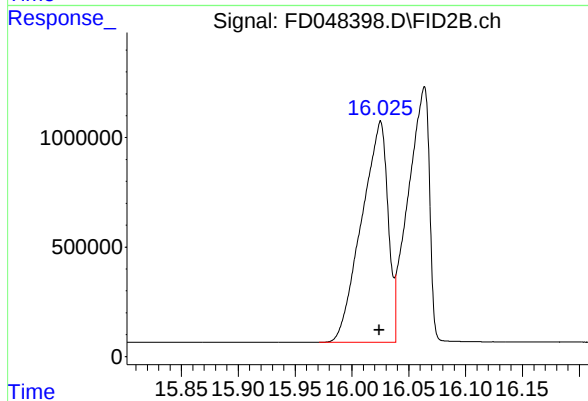
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.474 min
Delta R.T.: 0.000 min
Response: 16142668
Conc: 98.54 ug/ml



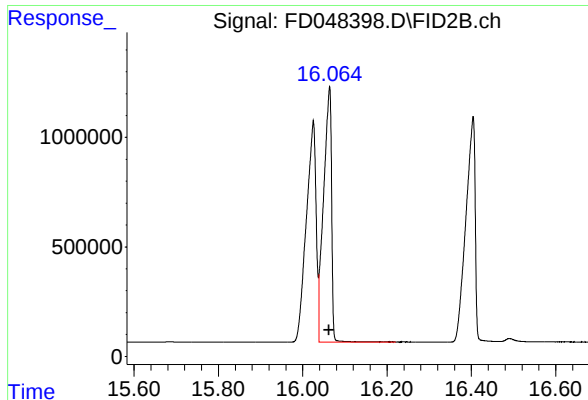
#15 Chrysene (C27.41)

R.T.: 14.521 min
Delta R.T.: 0.000 min
Response: 16511891
Conc: 94.84 ug/ml



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

R.T.: 16.024 min
Delta R.T.: 0.000 min
Response: 16340653
Conc: 97.83 ug/ml



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

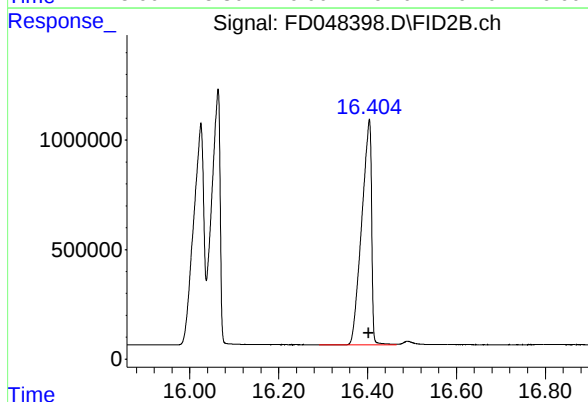
R.T.: 16.062 min
Delta R.T.: 0.000 min
Response: 15204824
Conc: 95.93 ug/ml

Instrument :

FID_D

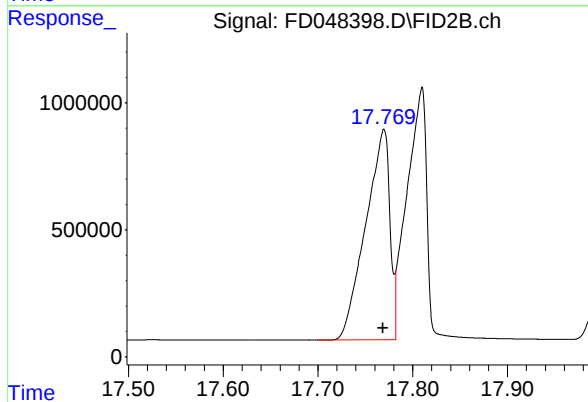
ClientSampleId :

100 PPM AROMATIC HC STD1



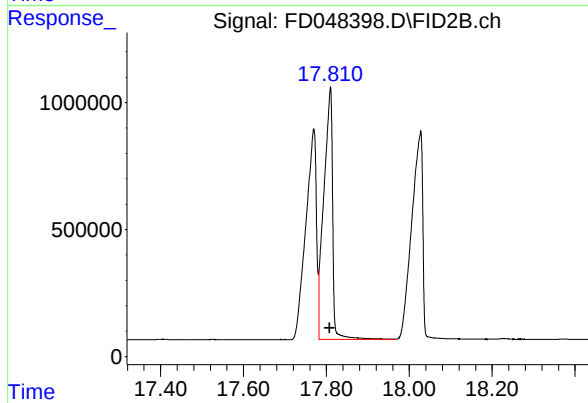
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.403 min
Delta R.T.: 0.000 min
Response: 15774557
Conc: 97.01 ug/ml



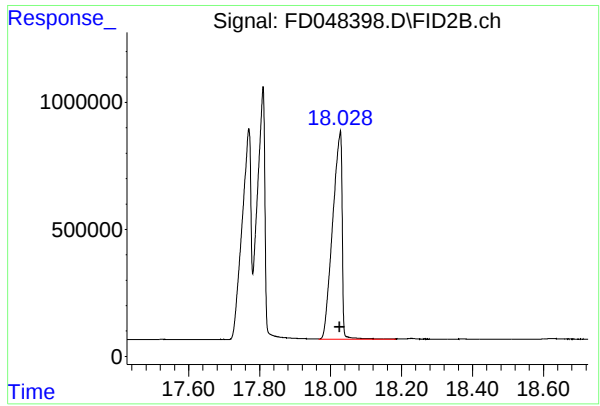
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.769 min
Delta R.T.: 0.000 min
Response: 14738374
Conc: 104.65 ug/ml



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

R.T.: 17.808 min
Delta R.T.: 0.000 min
Response: 14680138
Conc: 92.54 ug/ml



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

R.T.: 18.026 min

Delta R.T.: 0.000 min

Response: 15193201

Conc: 96.34 ug/ml

Instrument :

FID_D

ClientSampleId :

100 PPM AROMATIC HC STD1