

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD103025AR\
 Data File : FD049851.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2025 13:11
 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: Oct 30 15:52:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 15:52:03 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...	7.704	10447728	99.138 ug/ml
Spiked Amount 50.000		Recovery =	198.28%
6) S 2-Fluorobiphenyl (SURR)	8.570	7481253	99.711 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	199.42%#
11) S ortho-Terphenyl (SURR)	11.618	13099652	98.431 ug/ml
Spiked Amount 50.000		Recovery =	196.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.495	10160652	97.876 ug/ml
2) T Naphthalene (C11.7)	6.040	11717214	98.965 ug/ml
3) T 2-Methylnaphthalene (...)	7.095	12207557	99.103 ug/ml
5) T Acenaphthylene (C15.06)	8.375	12806520	99.221 ug/ml
7) T Acenaphthene (C15.5)	8.673	12809420	98.953 ug/ml
8) T Fluorene (C16.55)	9.454	12851547	99.396 ug/ml
9) T Phenanthrene (C19.36)	10.853	13149086	99.566 ug/ml
10) T Anthracene (C19.43)	10.930	12566920	102.226 ug/ml
12) T Fluoranthene (C21.85)	12.670	13162067	99.288 ug/ml
13) T Pyrene (C20.8)	12.969	13111876	99.061 ug/ml
14) T Benzo[a]anthracene (C...	14.840	11841084	98.265 ug/ml
15) T Chrysene (C27.41)	14.888	11985966	97.321 ug/ml
16) T benzo[b]fluoranthene ...	16.395	11778495	96.989 ug/ml
17) T Bnezo[k]fluoranthene ...	16.433	10853155	97.216 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.777	11399145	96.388 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.143	10775670	98.325 ug/ml
20) T Dibenz[a,h]anthracene...	18.182	10048060	90.285 ug/ml
21) T Benzo[g,h,i]perylene ...	18.404	11173264	95.457 ug/ml

(f)=RT Delta > 1/2 Window

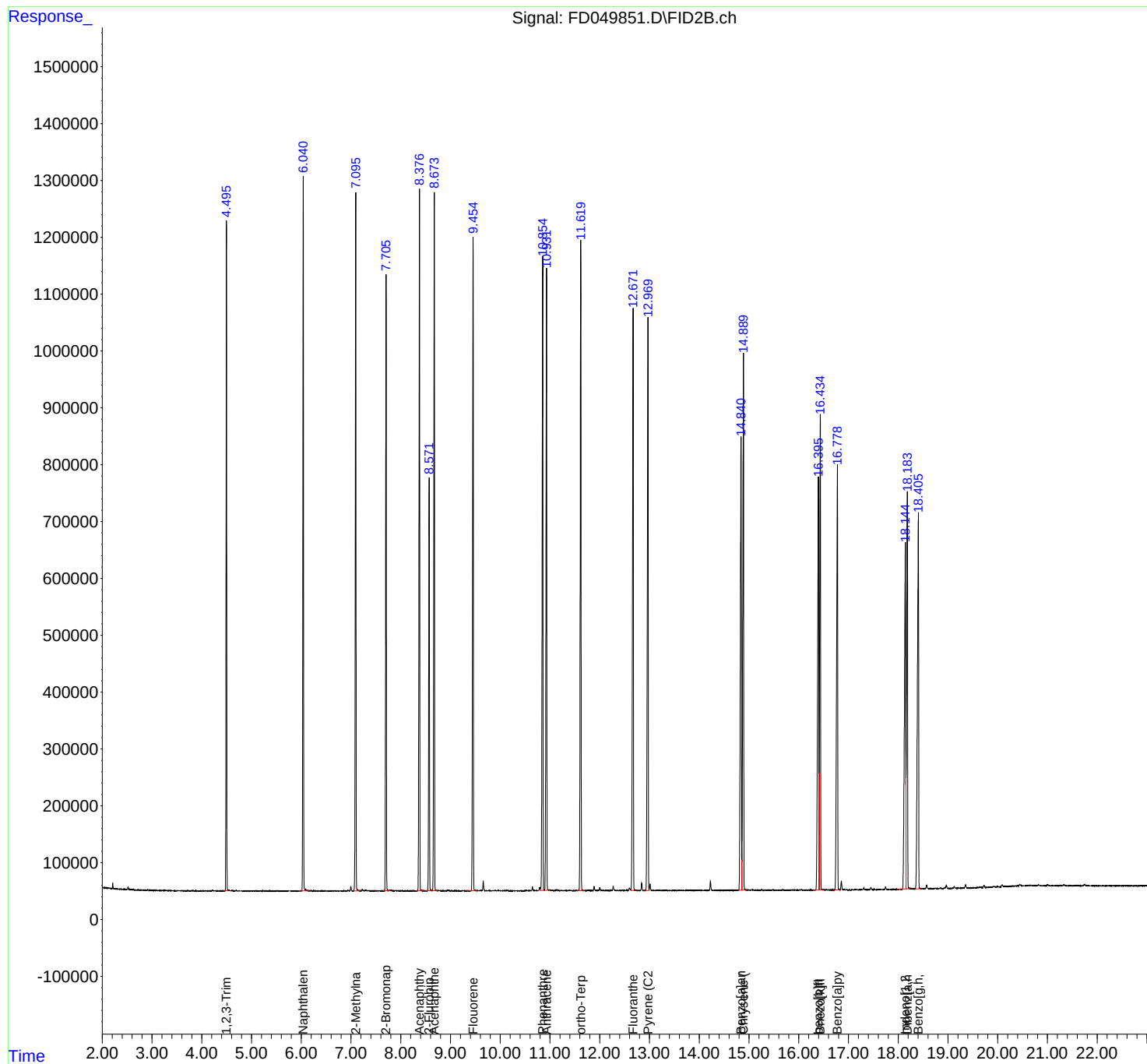
(m)=manual int.

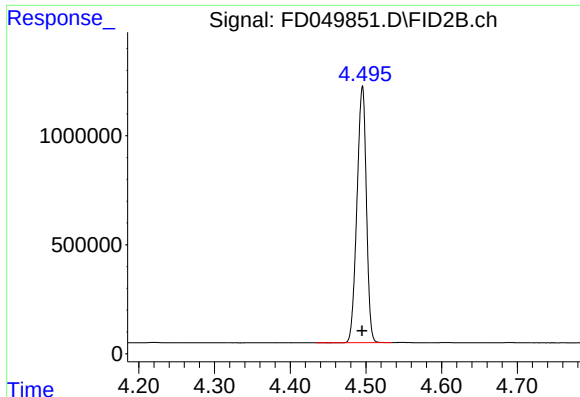
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#1 1,2,3-Trimethylbenzene (C10.1)

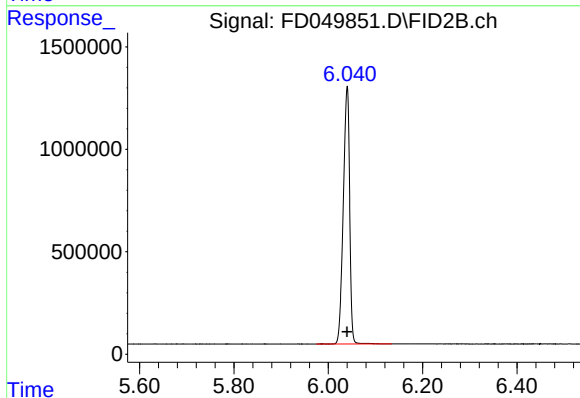
R.T.: 4.495 min
Delta R.T.: 0.000 min
Response: 10160652
Conc: 97.88 ug/ml

Instrument :

FID_D

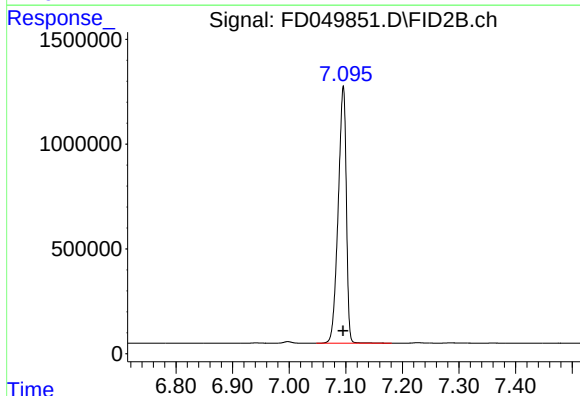
ClientSampleId :

100 PPM AROMATIC HC STD1



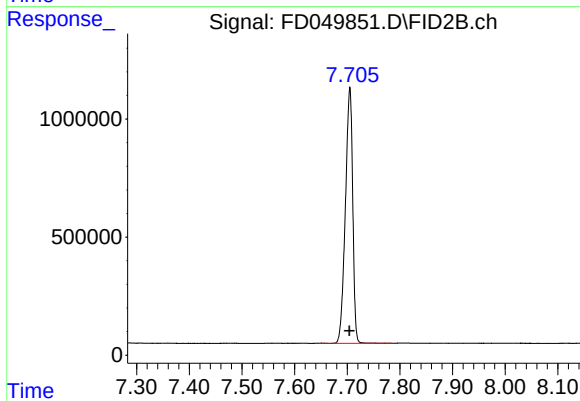
#2 Naphthalene (C11.7)

R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 11717214
Conc: 98.97 ug/ml



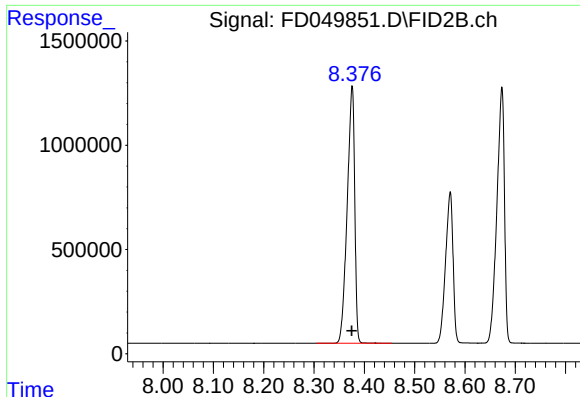
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.095 min
Delta R.T.: 0.000 min
Response: 12207557
Conc: 99.10 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.704 min
Delta R.T.: 0.000 min
Response: 10447728
Conc: 99.14 ug/ml



#5 Acenaphthylene (C15.06)

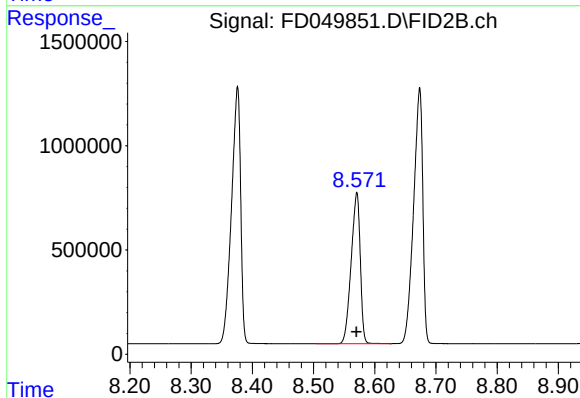
R.T.: 8.375 min
Delta R.T.: 0.000 min
Response: 12806520
Conc: 99.22 ug/ml

Instrument :

FID_D

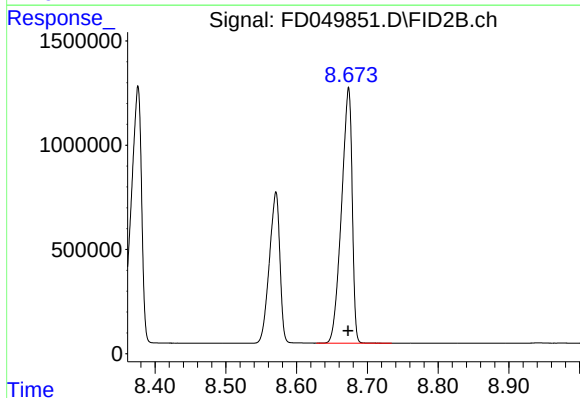
ClientSampleId :

100 PPM AROMATIC HC STD1



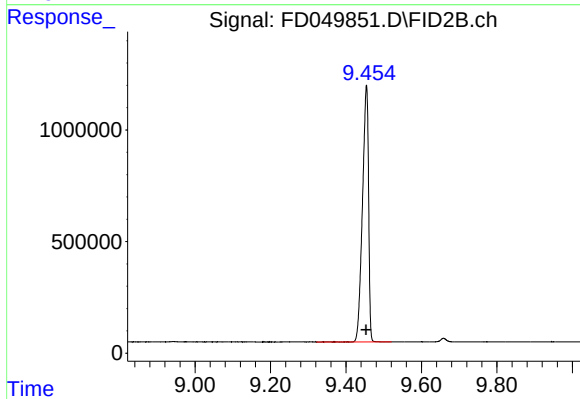
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 7481253
Conc: 99.71 ug/ml



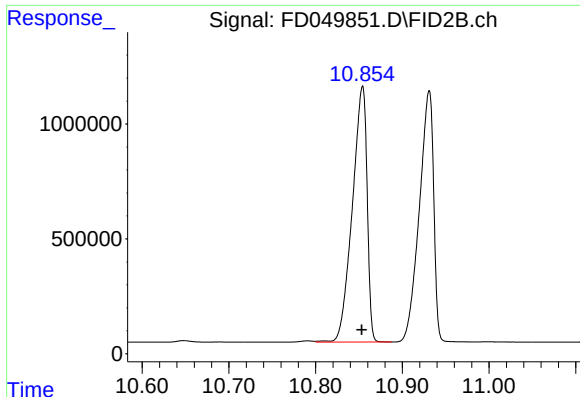
#7 Acenaphthene (C15.5)

R.T.: 8.673 min
Delta R.T.: 0.000 min
Response: 12809420
Conc: 98.95 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.454 min
Delta R.T.: 0.000 min
Response: 12851547
Conc: 99.40 ug/ml



#9 Phenanthrene (C19.36)

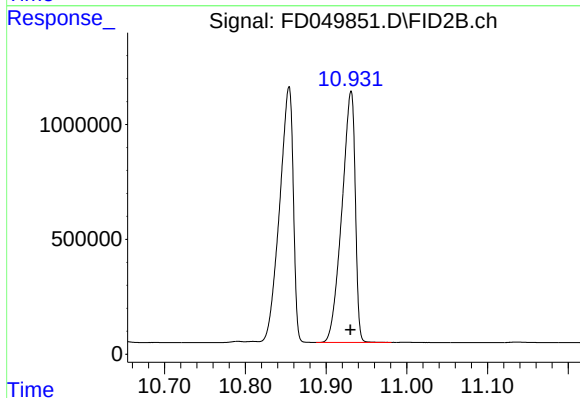
R.T.: 10.853 min
Delta R.T.: 0.000 min
Response: 13149086
Conc: 99.57 ug/ml

Instrument :

FID_D

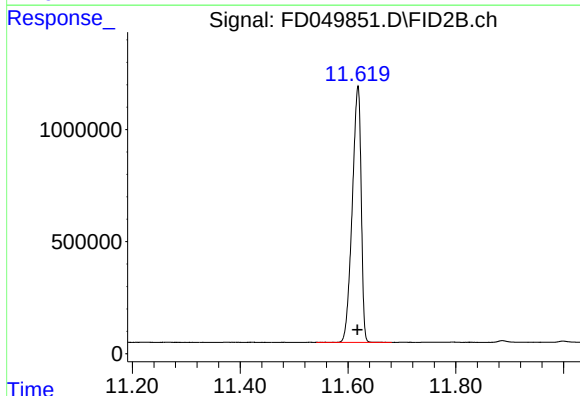
ClientSampleId :

100 PPM AROMATIC HC STD1



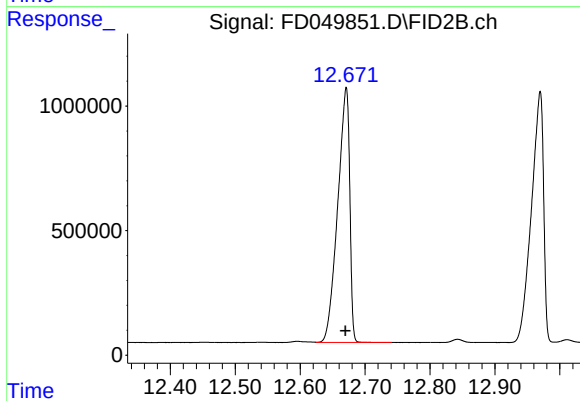
#10 Anthracene (C19.43)

R.T.: 10.930 min
Delta R.T.: 0.000 min
Response: 12566920
Conc: 102.23 ug/ml



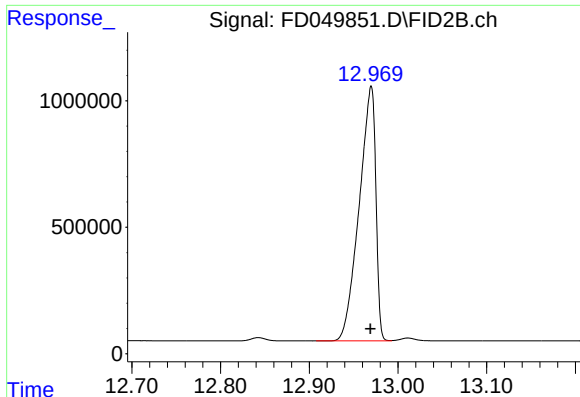
#11 ortho-Terphenyl (SURR)

R.T.: 11.618 min
Delta R.T.: 0.000 min
Response: 13099652
Conc: 98.43 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.670 min
Delta R.T.: 0.000 min
Response: 13162067
Conc: 99.29 ug/ml



#13 Pyrene (C20.8)

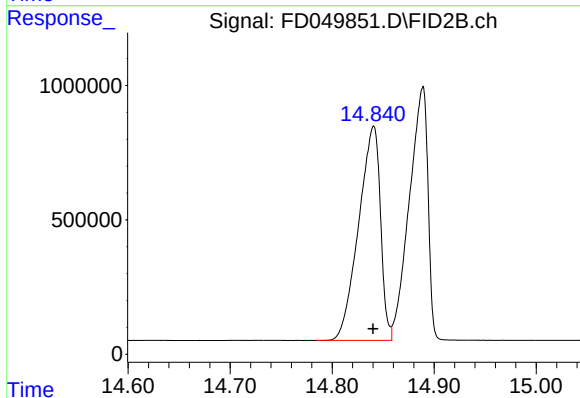
R.T.: 12.969 min
Delta R.T.: 0.000 min
Response: 13111876
Conc: 99.06 ug/ml

Instrument :

FID_D

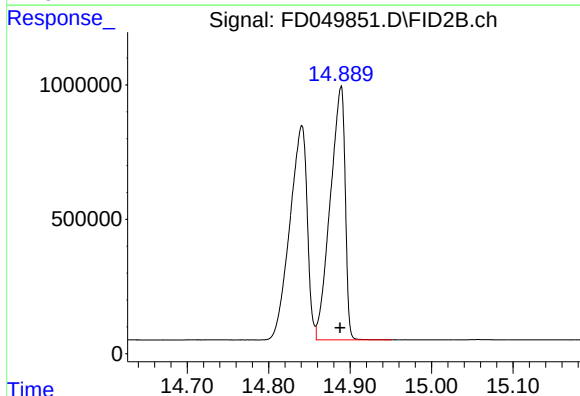
ClientSampleId :

100 PPM AROMATIC HC STD1



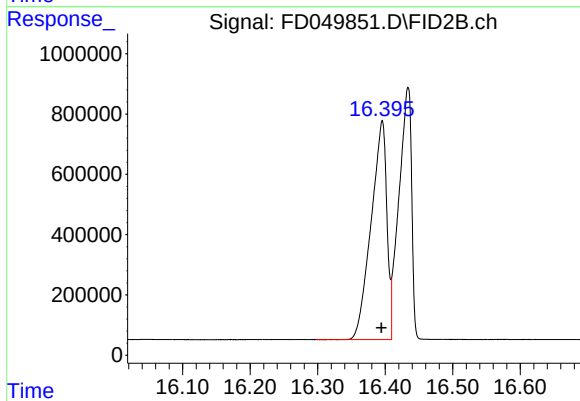
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.840 min
Delta R.T.: 0.000 min
Response: 11841084
Conc: 98.27 ug/ml



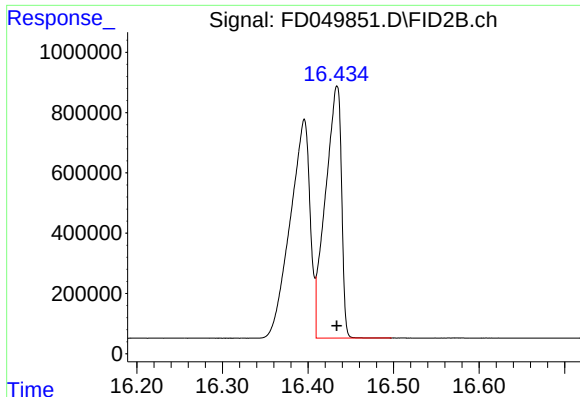
#15 Chrysene (C27.41)

R.T.: 14.888 min
Delta R.T.: 0.000 min
Response: 11985966
Conc: 97.32 ug/ml



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

R.T.: 16.395 min
Delta R.T.: 0.000 min
Response: 11778495
Conc: 96.99 ug/ml



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

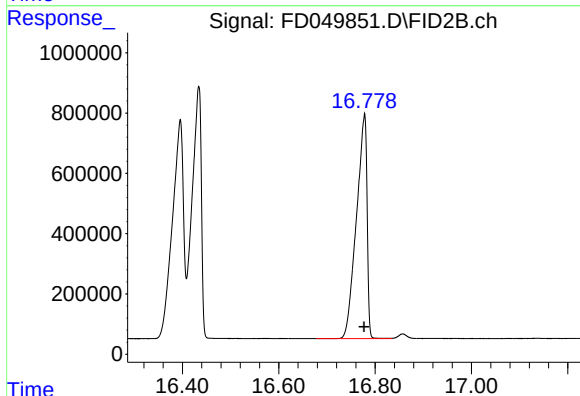
R.T.: 16.433 min
Delta R.T.: 0.000 min
Response: 10853155
Conc: 97.22 ug/ml

Instrument :

FID_D

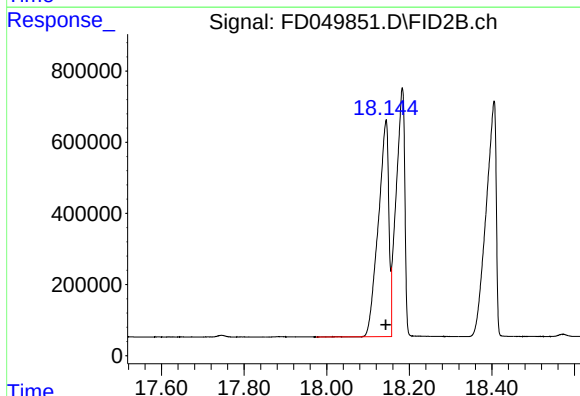
ClientSampleId :

100 PPM AROMATIC HC STD1



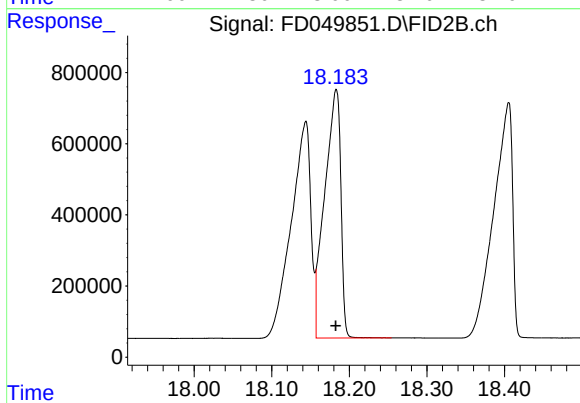
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.777 min
Delta R.T.: 0.000 min
Response: 11399145
Conc: 96.39 ug/ml



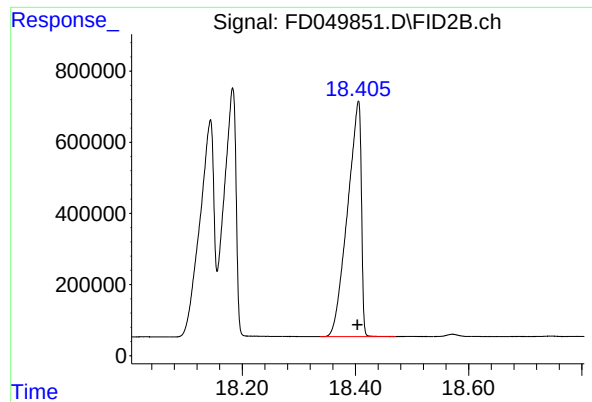
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.143 min
Delta R.T.: 0.000 min
Response: 10775670
Conc: 98.32 ug/ml



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

R.T.: 18.182 min
Delta R.T.: 0.000 min
Response: 10048060
Conc: 90.28 ug/ml



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

R.T.: 18.404 min
Delta R.T.: 0.000 min
Response: 11173264
Conc: 95.46 ug/ml

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