

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042924AR\
 Data File : FD047607.D
 Signal(s) : FID2B.ch
 Acq On : 29 Apr 2024 12:09
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Integration File: autoint1.e
 Quant Time: Apr 29 16:12:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 16:08:55 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...	7.466	15255389	98.771 ug/ml
Spiked Amount 50.000		Recovery =	197.54%
6) S 2-Fluorobiphenyl (SURR)	8.321	10409942	99.597 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	199.19%#
11) S ortho-Terphenyl (SURR)	11.362	17830607	98.178 ug/ml
Spiked Amount 50.000		Recovery =	196.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.275	15701834	98.628 ug/ml
2) T Naphthalene (C11.7)	5.803	16546564	98.827 ug/ml
3) T 2-Methylnaphthalene (...)	6.854	16695862	99.076 ug/ml
5) T Acenaphthylene (C15.06)	8.124	15588878	97.797 ug/ml
7) T Acenaphthene (C15.5)	8.422	16417627	98.837 ug/ml
8) T Flouorene (C16.55)	9.200	16298809	99.135 ug/ml
9) T Phenanthrene (C19.36)	10.591	16162347	99.605 ug/ml
10) T Anthracene (C19.43)	10.667	14774122	99.535 ug/ml
12) T Fluoranthene (C21.85)	12.400	16175554	98.878 ug/ml
13) T Pyrene (C20.8)	12.695	15765644	98.999 ug/ml
14) T Benzo[a]anthracene (C...	14.562	14475131	99.202 ug/ml
15) T Chrysene (C27.41)	14.610	15170887	98.055 ug/ml
16) T benzo[b]fluoranthene ...	16.111	14712904	98.975 ug/ml
17) T Bnezo[k]fluoranthene ...	16.151	14334498	98.120 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.490	14080058	98.326 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.855	14039564	101.543 ug/ml
20) T Dibenz[a,h]anthracene...	17.895	13040543	97.046 ug/ml
21) T Benzo[g,h,i]perylene ...	18.113	13519765	98.624 ug/ml

(f)=RT Delta > 1/2 Window

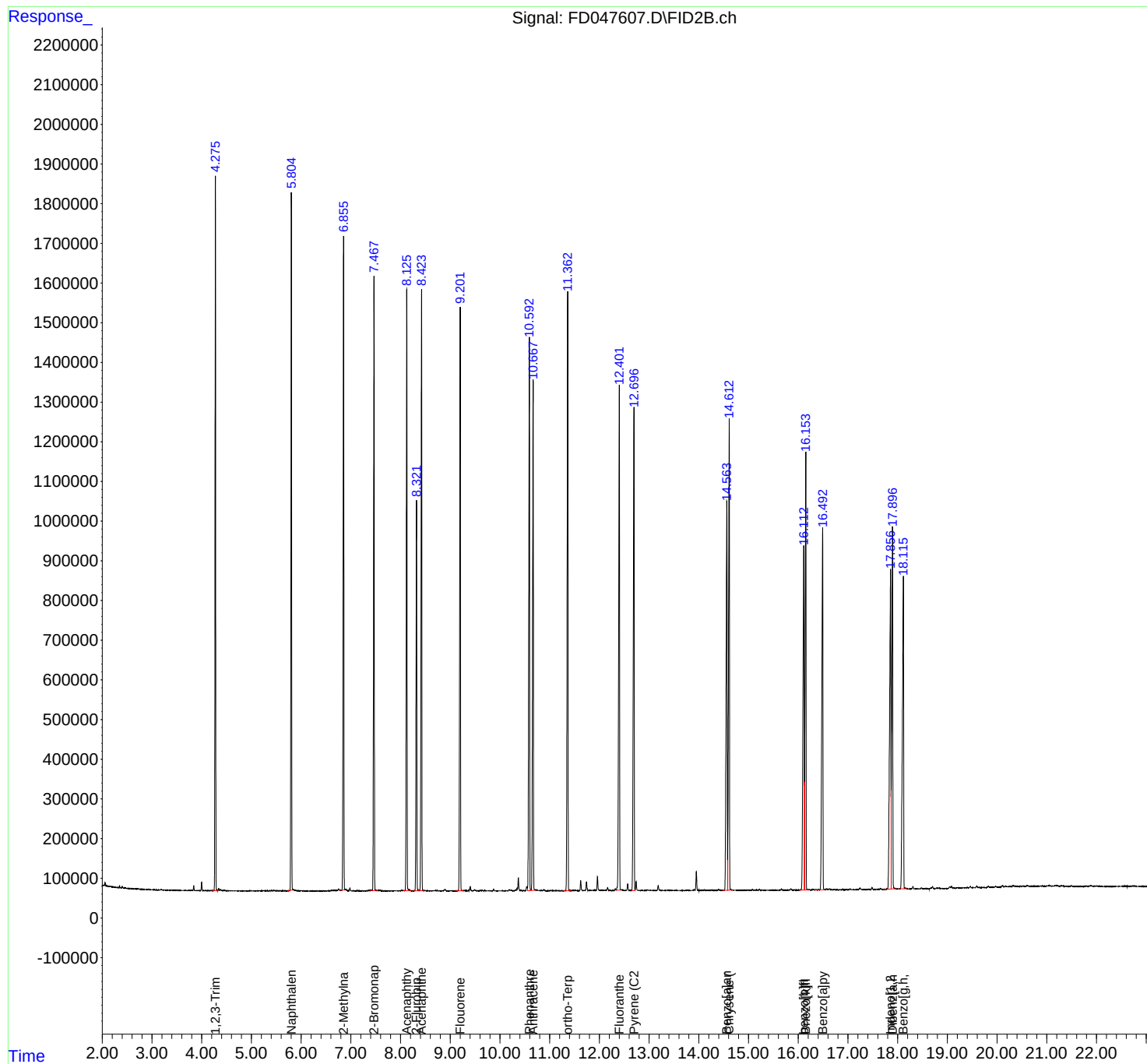
(m)=manual int.

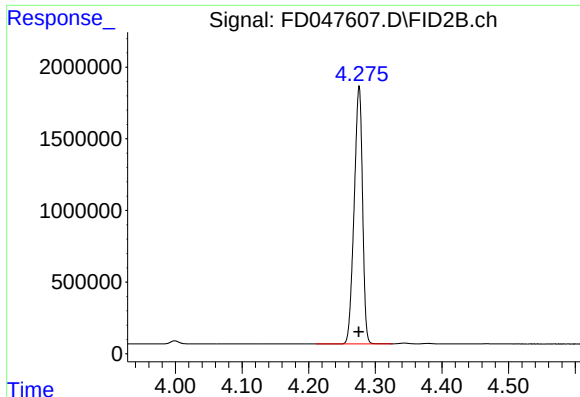
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#1 1,2,3-Trimethylbenzene (C10.1)

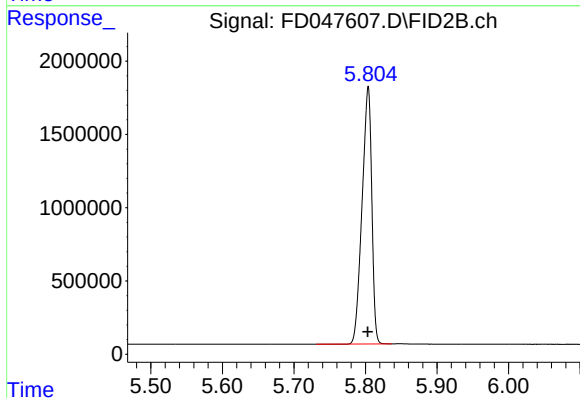
R.T.: 4.275 min
Delta R.T.: 0.000 min
Response: 15701834
Conc: 98.63 ug/ml

Instrument :

FID_D

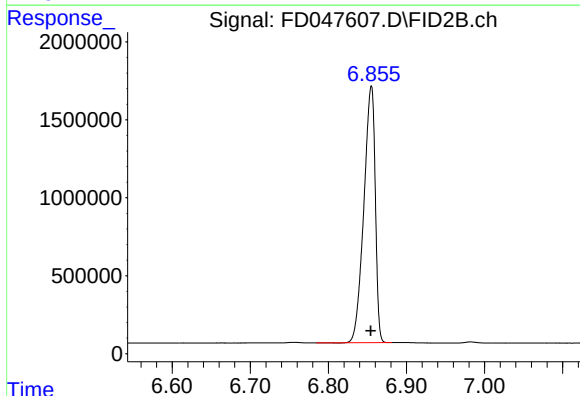
ClientSampleId :

100 PPM AROMATIC HC STD1



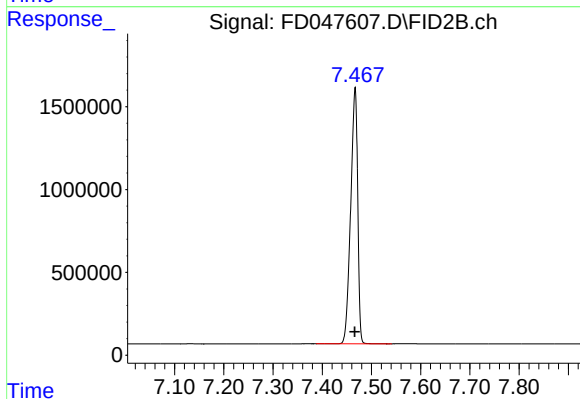
#2 Naphthalene (C11.7)

R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 16546564
Conc: 98.83 ug/ml



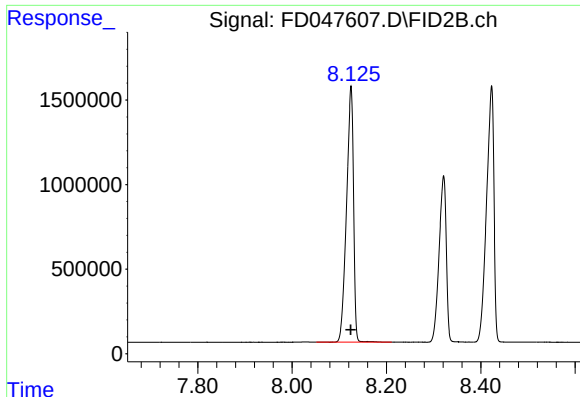
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 16695862
Conc: 99.08 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.466 min
Delta R.T.: 0.000 min
Response: 15255389
Conc: 98.77 ug/ml



#5 Acenaphthylene (C15.06)

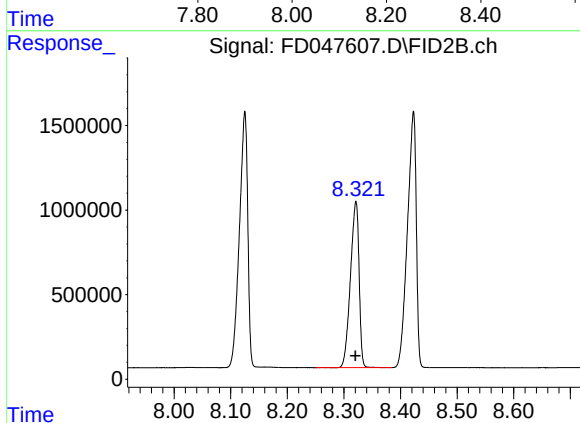
R.T.: 8.124 min
Delta R.T.: 0.000 min
Response: 15588878
Conc: 97.80 ug/ml

Instrument :

FID_D

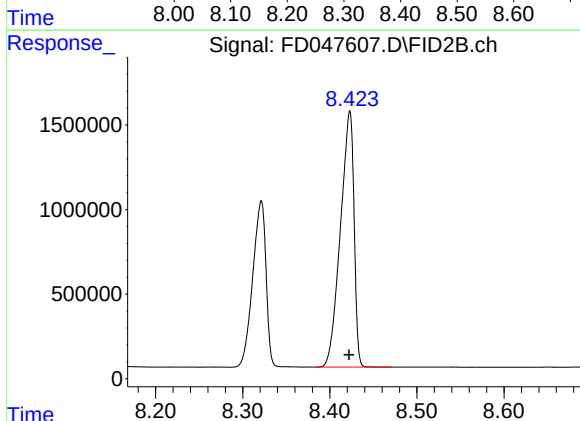
ClientSampleId :

100 PPM AROMATIC HC STD1



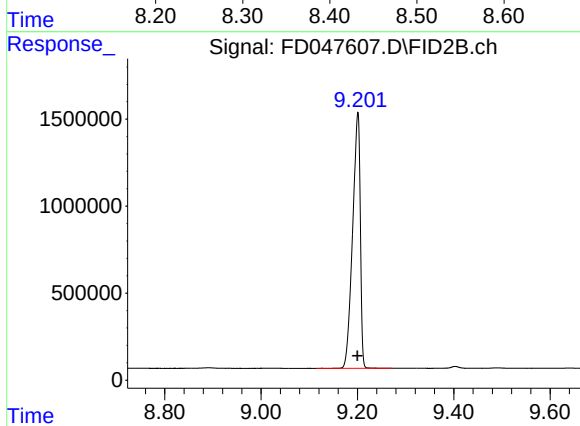
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.321 min
Delta R.T.: 0.000 min
Response: 10409942
Conc: 99.60 ug/ml



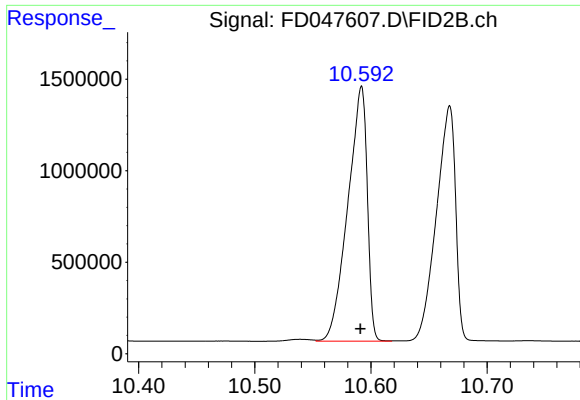
#7 Acenaphthene (C15.5)

R.T.: 8.422 min
Delta R.T.: 0.000 min
Response: 16417627
Conc: 98.84 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.200 min
Delta R.T.: 0.000 min
Response: 16298809
Conc: 99.14 ug/ml



#9 Phenanthrene (C19.36)

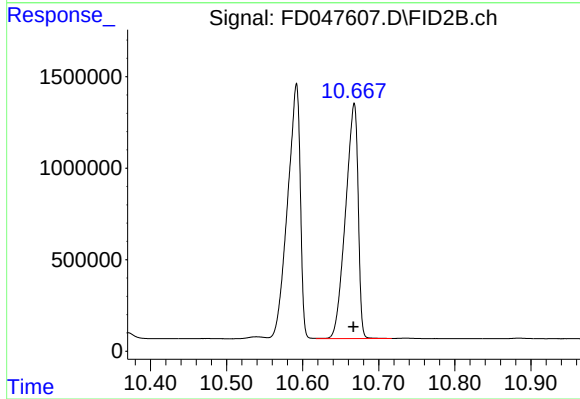
R.T.: 10.591 min
Delta R.T.: 0.000 min
Response: 16162347
Conc: 99.61 ug/ml

Instrument :

FID_D

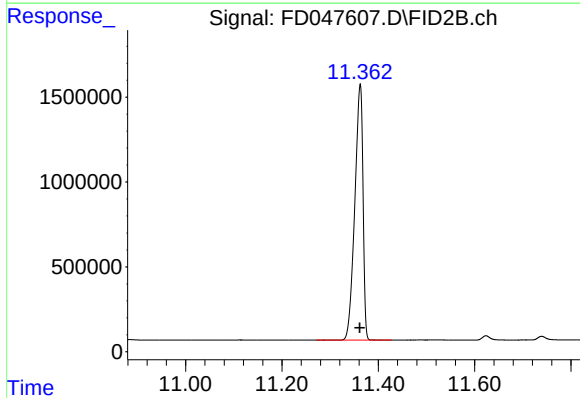
ClientSampleId :

100 PPM AROMATIC HC STD1



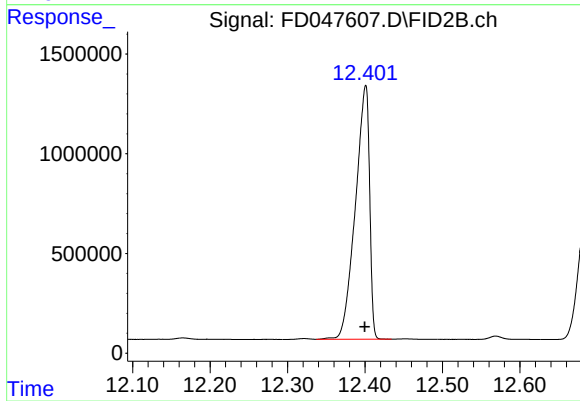
#10 Anthracene (C19.43)

R.T.: 10.667 min
Delta R.T.: 0.000 min
Response: 14774122
Conc: 99.53 ug/ml



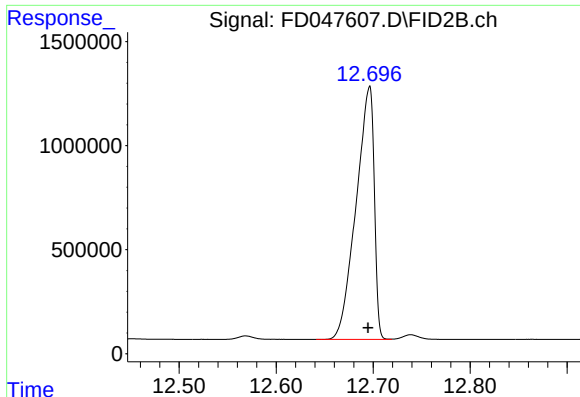
#11 ortho-Terphenyl (SURR)

R.T.: 11.362 min
Delta R.T.: 0.000 min
Response: 17830607
Conc: 98.18 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.400 min
Delta R.T.: 0.000 min
Response: 16175554
Conc: 98.88 ug/ml



#13 Pyrene (C20.8)

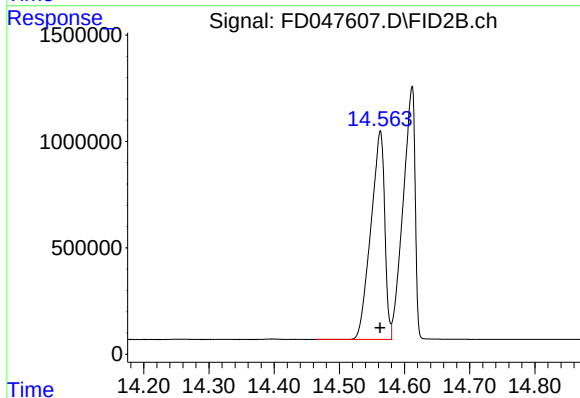
R.T.: 12.695 min
Delta R.T.: 0.000 min
Response: 15765644
Conc: 99.00 ug/ml

Instrument :

FID_D

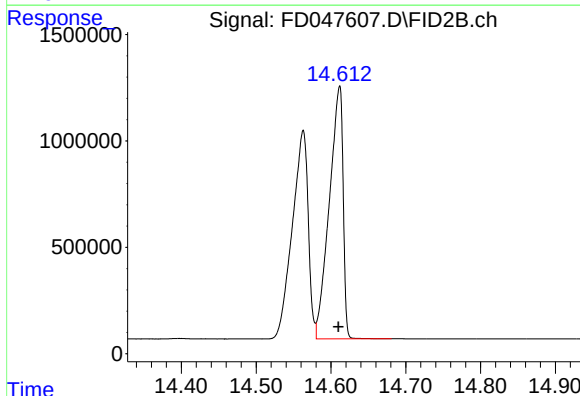
ClientSampleId :

100 PPM AROMATIC HC STD1



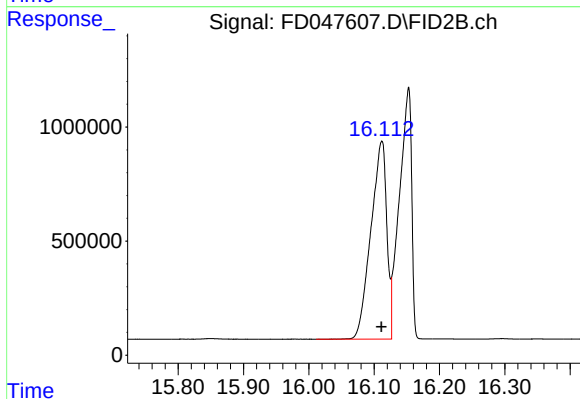
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.562 min
Delta R.T.: 0.000 min
Response: 14475131
Conc: 99.20 ug/ml



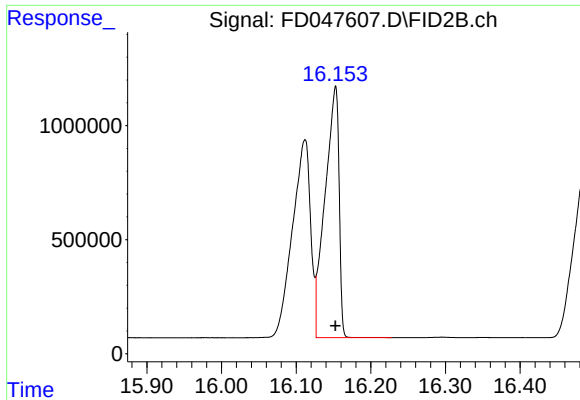
#15 Chrysene (C27.41)

R.T.: 14.610 min
Delta R.T.: 0.000 min
Response: 15170887
Conc: 98.06 ug/ml



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

R.T.: 16.111 min
Delta R.T.: 0.000 min
Response: 14712904
Conc: 98.97 ug/ml



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

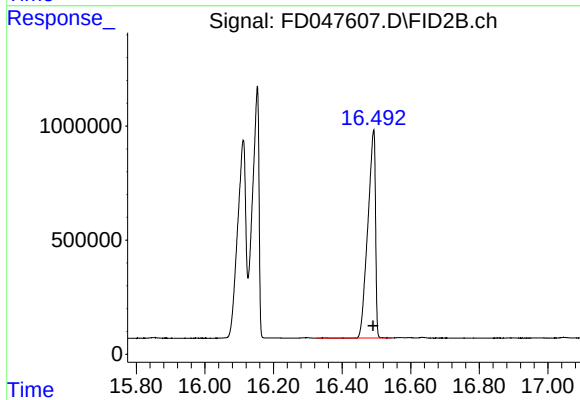
R.T.: 16.151 min
Delta R.T.: -0.001 min
Response: 14334498
Conc: 98.12 ug/ml

Instrument :

FID_D

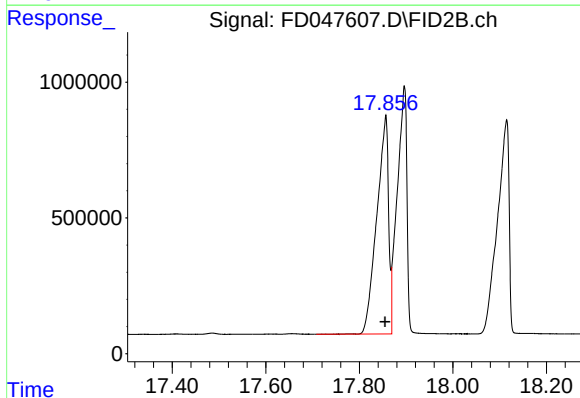
ClientSampleId :

100 PPM AROMATIC HC STD1



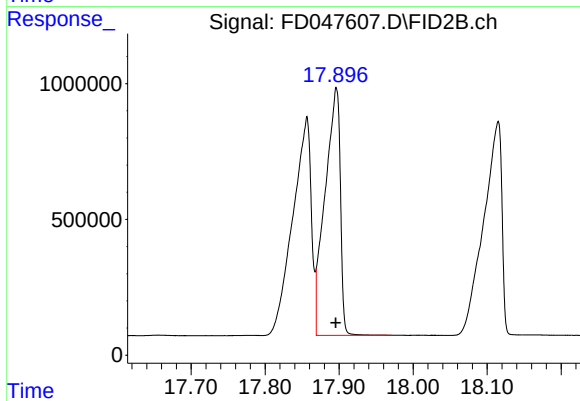
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.490 min
Delta R.T.: 0.000 min
Response: 14080058
Conc: 98.33 ug/ml



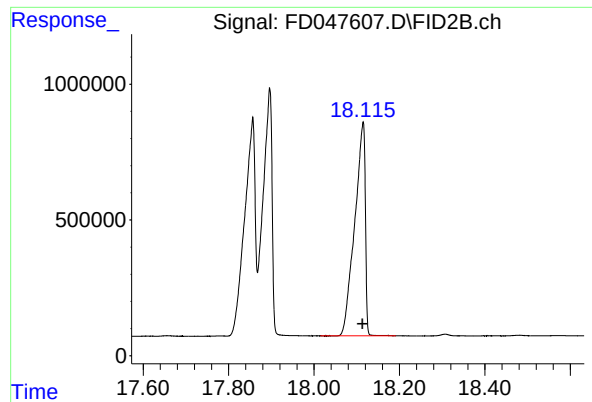
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.855 min
Delta R.T.: 0.000 min
Response: 14039564
Conc: 101.54 ug/ml



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

R.T.: 17.895 min
Delta R.T.: 0.000 min
Response: 13040543
Conc: 97.05 ug/ml



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

R.T.: 18.113 min
Delta R.T.: 0.000 min
Response: 13519765
Conc: 98.62 ug/ml

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