

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061724AR\
 Data File : FD047940.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jun 2024 10:38
 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: Jun 17 12:47:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 12:44:22 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...	7.426	13237235	95.339 ug/ml
Spiked Amount 50.000		Recovery =	190.68%
6) S 2-Fluorobiphenyl (SURR)	8.279	9038106	95.935 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	191.87%#
11) S ortho-Terphenyl (SURR)	11.319	15293870	95.714 ug/ml
Spiked Amount 50.000		Recovery =	191.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.241	14443056	94.687 ug/ml
2) T Naphthalene (C11.7)	5.765	15250468	94.810 ug/ml
3) T 2-Methylnaphthalene (...)	6.815	15566141	95.327 ug/ml
5) T Acenaphthylene (C15.06)	8.083	15230523	95.174 ug/ml
7) T Acenaphthene (C15.5)	8.380	15330429	95.289 ug/ml
8) T Fluorene (C16.55)	9.158	15209899	95.714 ug/ml
9) T Phenanthrene (C19.36)	10.548	15212556	96.479 ug/ml
10) T Anthracene (C19.43)	10.625	14980103	95.556 ug/ml
12) T Fluoranthene (C21.85)	12.355	15138592	95.888 ug/ml
13) T Pyrene (C20.8)	12.650	15043653	96.170 ug/ml
14) T Benzo[a]anthracene (C...	14.520	14521302	97.452 ug/ml
15) T Chrysene (C27.41)	14.566	14720992	95.635 ug/ml
16) T benzo[b]fluoranthene ...	16.069	14574471	97.542 ug/ml
17) T Bnezo[k]fluoranthene ...	16.108	13516844	96.139 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.448	14126507	96.620 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.813	13229770	100.329 ug/ml
20) T Dibenz[a,h]anthracene...	17.854	13253605	94.292 ug/ml
21) T Benzo[g,h,i]perylene ...	18.072	13647899	95.896 ug/ml

(f)=RT Delta > 1/2 Window

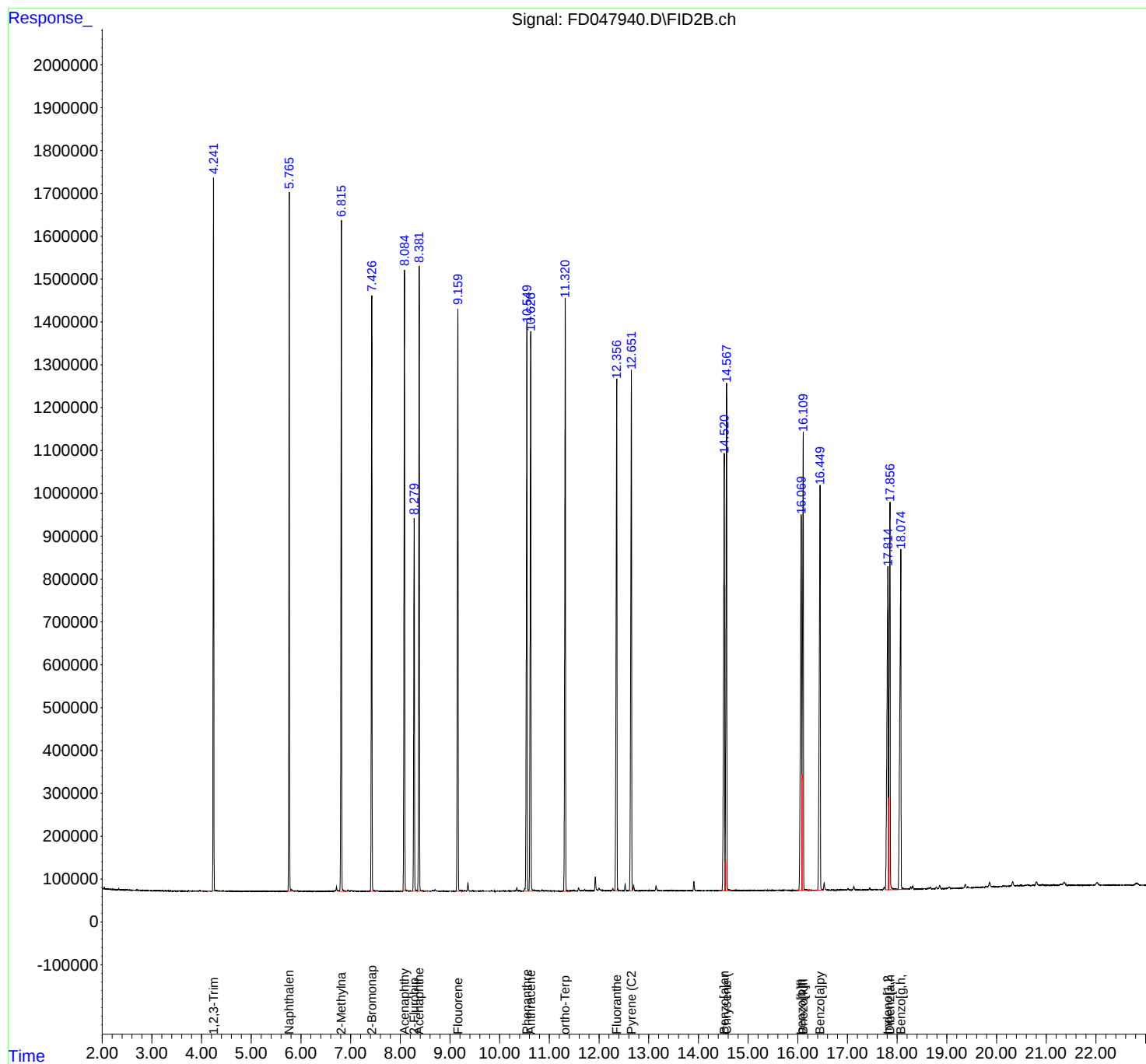
(m)=manual int.

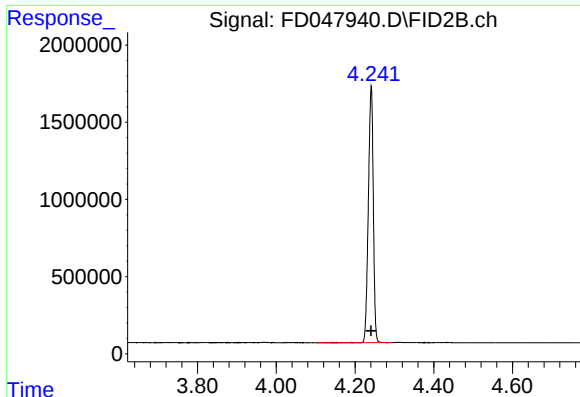
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#1 1,2,3-Trimethylbenzene (C10.1)

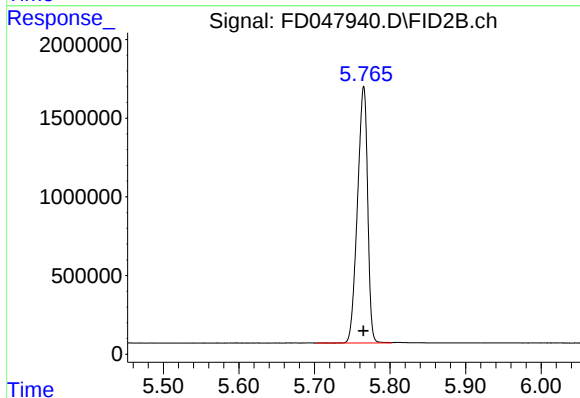
R.T.: 4.241 min
Delta R.T.: 0.000 min
Response: 14443056
Conc: 94.69 ug/ml

Instrument :

FID_D

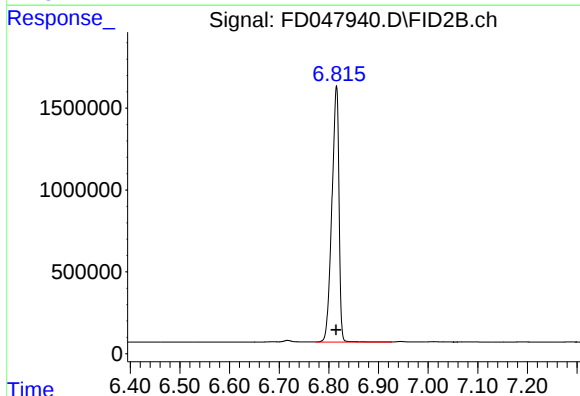
ClientSampleId :

100 PPM AROMATIC HC STD1



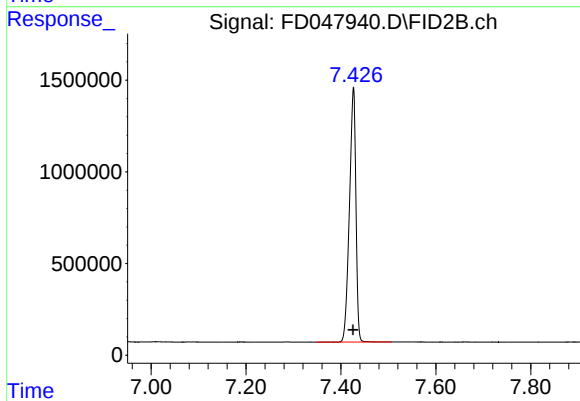
#2 Naphthalene (C11.7)

R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 15250468
Conc: 94.81 ug/ml



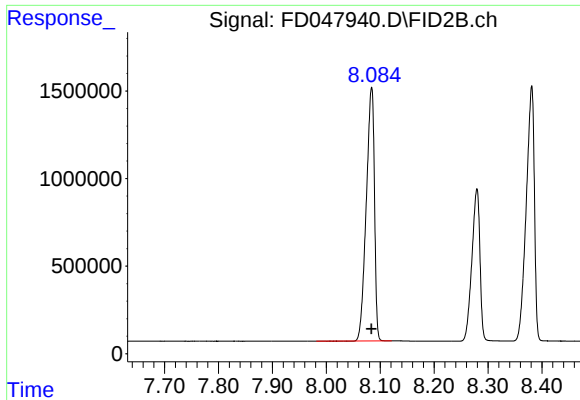
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.815 min
Delta R.T.: 0.000 min
Response: 15566141
Conc: 95.33 ug/ml



#4 2-Bromonaphthalene (SURR)

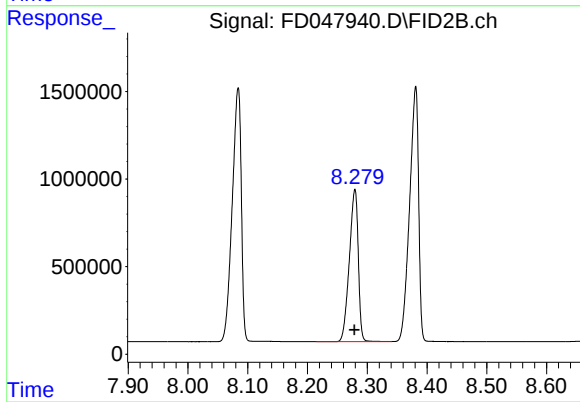
R.T.: 7.426 min
Delta R.T.: 0.000 min
Response: 13237235
Conc: 95.34 ug/ml



#5 Acenaphthylene (C15.06)

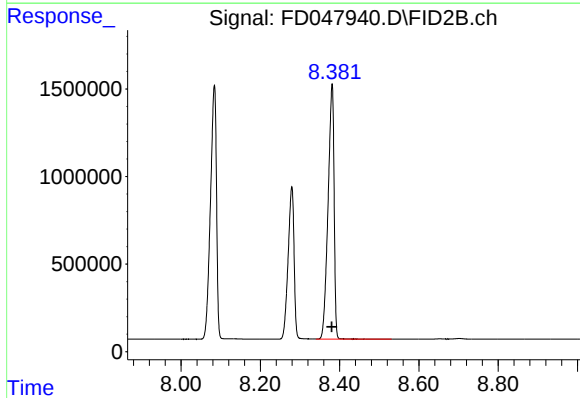
R.T.: 8.083 min
Delta R.T.: 0.000 min
Response: 15230523
Conc: 95.17 ug/ml

Instrument :
FID_D
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100 PPM AROMATIC HC STD1



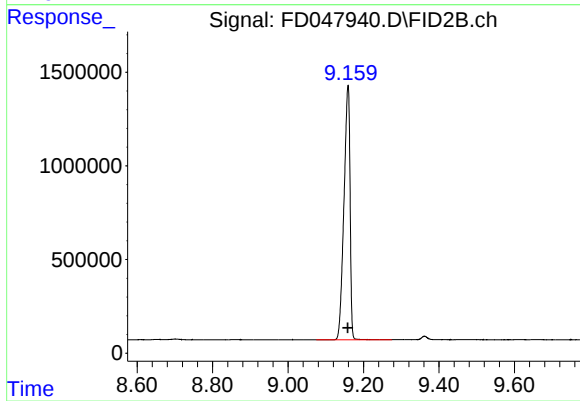
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.279 min
Delta R.T.: 0.000 min
Response: 9038106
Conc: 95.94 ug/ml



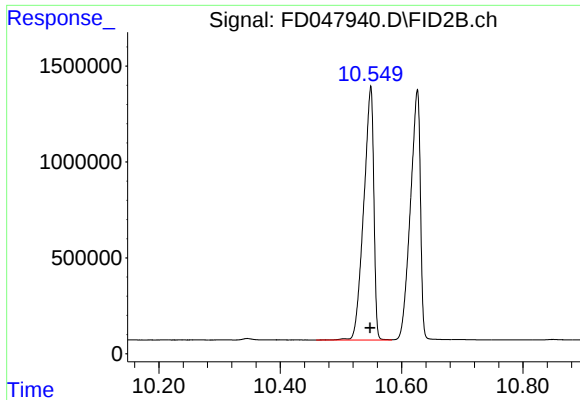
#7 Acenaphthene (C15.5)

R.T.: 8.380 min
Delta R.T.: 0.000 min
Response: 15330429
Conc: 95.29 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.158 min
Delta R.T.: 0.000 min
Response: 15209899
Conc: 95.71 ug/ml



#9 Phenanthrene (C19.36)

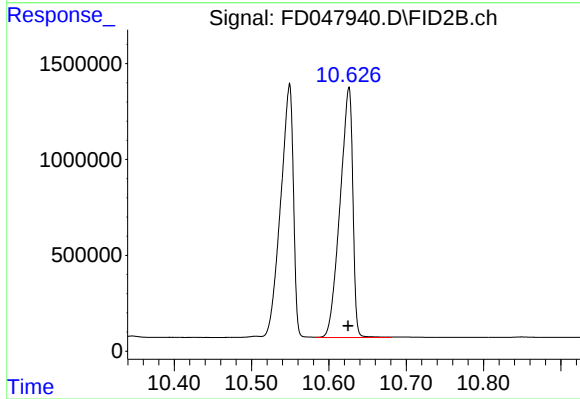
R.T.: 10.548 min
Delta R.T.: 0.000 min
Response: 15212556
Conc: 96.48 ug/ml

Instrument :

FID_D

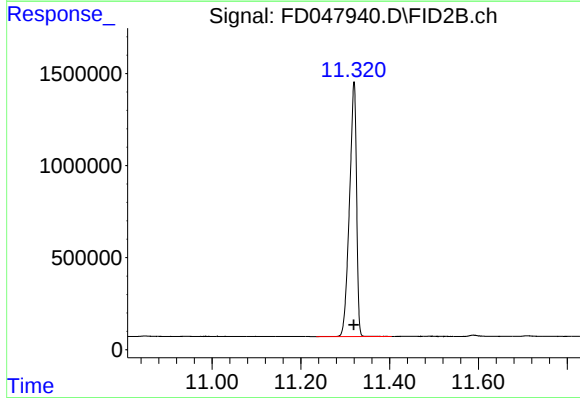
ClientSampleId :

100 PPM AROMATIC HC STD1



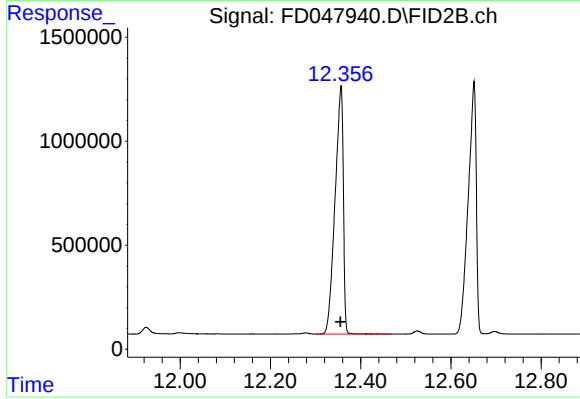
#10 Anthracene (C19.43)

R.T.: 10.625 min
Delta R.T.: 0.000 min
Response: 14980103
Conc: 95.56 ug/ml



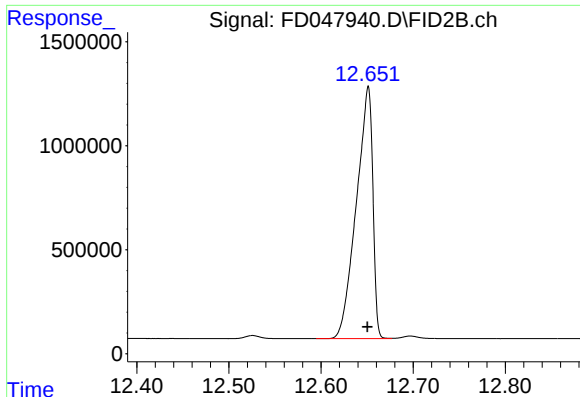
#11 ortho-Terphenyl (SURR)

R.T.: 11.319 min
Delta R.T.: 0.000 min
Response: 15293870
Conc: 95.71 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.355 min
Delta R.T.: 0.000 min
Response: 15138592
Conc: 95.89 ug/ml



#13 Pyrene (C20.8)

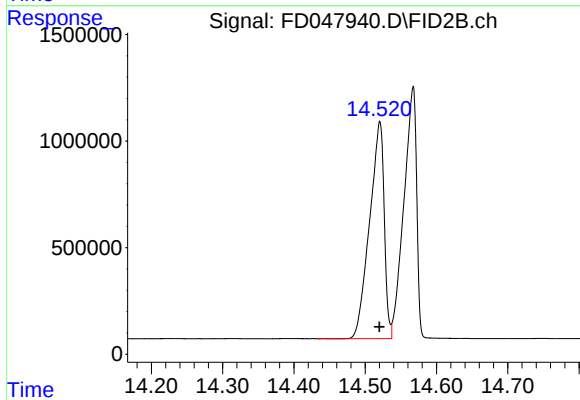
R.T.: 12.650 min
Delta R.T.: 0.000 min
Response: 15043653
Conc: 96.17 ug/ml

Instrument :

FID_D

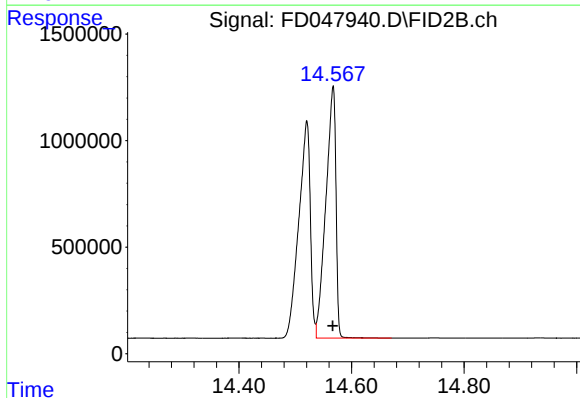
ClientSampleId :

100 PPM AROMATIC HC STD1



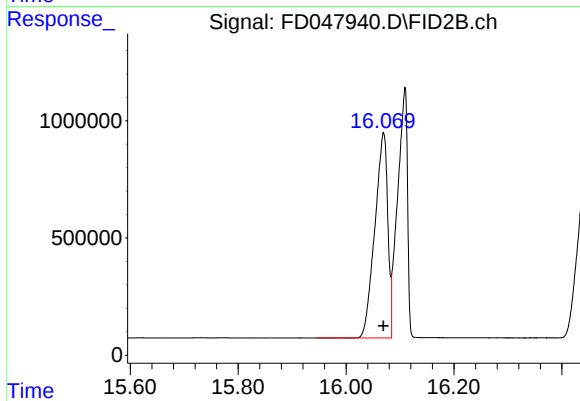
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.520 min
Delta R.T.: 0.000 min
Response: 14521302
Conc: 97.45 ug/ml



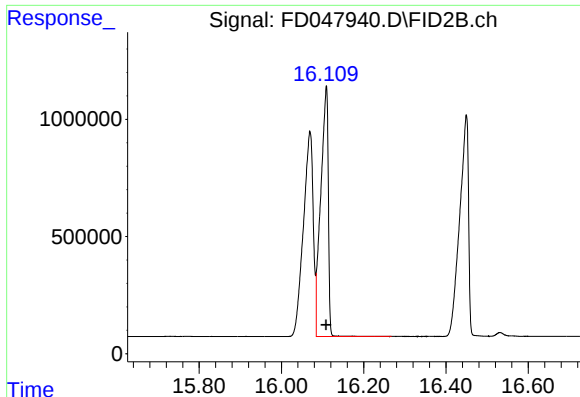
#15 Chrysene (C27.41)

R.T.: 14.566 min
Delta R.T.: 0.000 min
Response: 14720992
Conc: 95.63 ug/ml



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

R.T.: 16.069 min
Delta R.T.: 0.000 min
Response: 14574471
Conc: 97.54 ug/ml



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

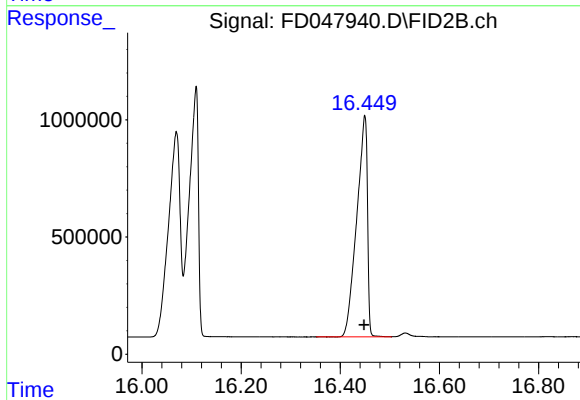
R.T.: 16.108 min
Delta R.T.: -0.001 min
Response: 13516844
Conc: 96.14 ug/ml

Instrument :

FID_D

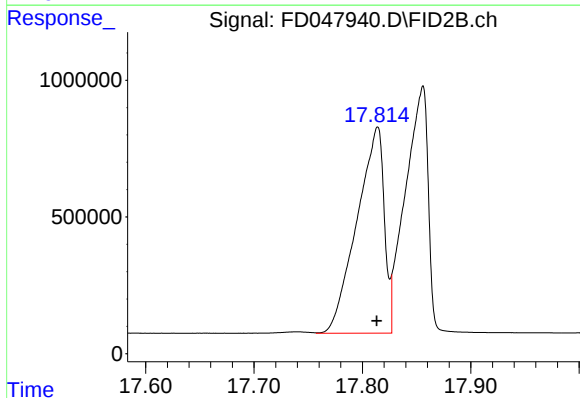
ClientSampleId :

100 PPM AROMATIC HC STD1



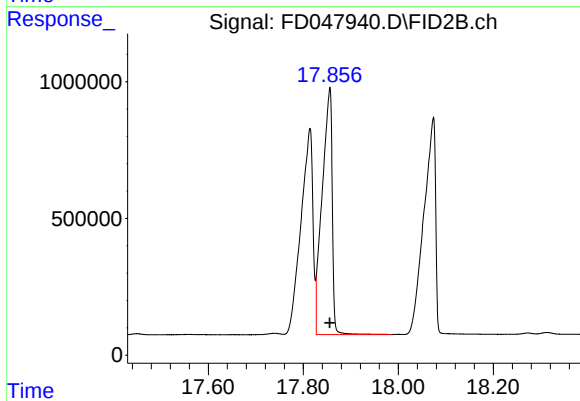
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.448 min
Delta R.T.: 0.000 min
Response: 14126507
Conc: 96.62 ug/ml



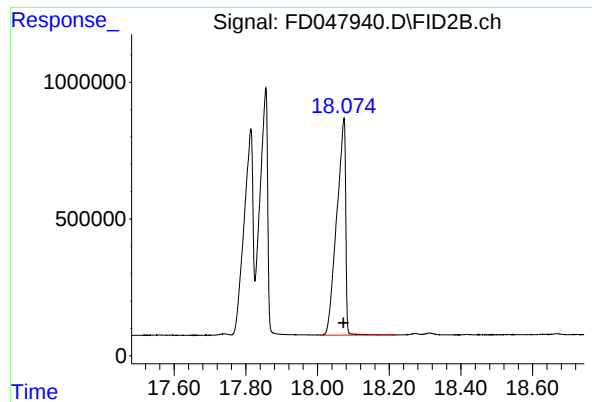
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.813 min
Delta R.T.: 0.000 min
Response: 13229770
Conc: 100.33 ug/ml



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

R.T.: 17.854 min
Delta R.T.: -0.002 min
Response: 13253605
Conc: 94.29 ug/ml



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

R.T.: 18.072 min
Delta R.T.: 0.000 min
Response: 13647899
Conc: 95.90 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1