

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052723AR\
 Data File : FD045761.D
 Signal(s) : FID2B.ch
 Acq On : 27 May 2023 00:29
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: May 27 06:49:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 2023
 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...	7.537	3794065	21.045 ug/ml
Spiked Amount 50.000		Recovery =	42.09%
6) S 2-Fluorobiphenyl (SURR)	8.392	2544952	21.168 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.34%
11) S ortho-Terphenyl (SURR)	11.432	4686552	20.981 ug/ml
Spiked Amount 50.000		Recovery =	41.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.346	4240494	21.005 ug/ml
2) T Naphthalene (C11.7)	5.877	4417674	20.848 ug/ml
3) T 2-Methylnaphthalene (...)	6.926	4433507	20.992 ug/ml
5) T Acenaphthylene (C15.06)	8.197	3999263	21.109 ug/ml
7) T Acenaphthene (C15.5)	8.492	4262908	21.085 ug/ml
8) T Fluorene (C16.55)	9.270	4177271	21.083 ug/ml
9) T Phenanthrene (C19.36)	10.660	4008265	20.952 ug/ml
10) T Anthracene (C19.43)	10.734	3657198	21.469 ug/ml
12) T Fluoranthene (C21.85)	12.464	3858009	20.882 ug/ml
13) T Pyrene (C20.8)	12.758	3735242	20.914 ug/ml
14) T Benzo[a]anthracene (C...	14.621	3220787	20.571 ug/ml
15) T Chrysene (C27.41)	14.664	3316225	20.101 ug/ml
16) T benzo[b]fluoranthene ...	16.162	3115144	20.583 ug/ml
17) T Bnezo[k]fluoranthene ...	16.195	3088172	19.947 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.538	3012426	20.599 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.894	2961353	20.219 ug/ml
20) T Dibenz[a,h]anthracene...	17.937	3024811	20.163 ug/ml
21) T Benzo[g,h,i]perylene ...	18.148	3024817	20.500 ug/ml

(f)=RT Delta > 1/2 Window

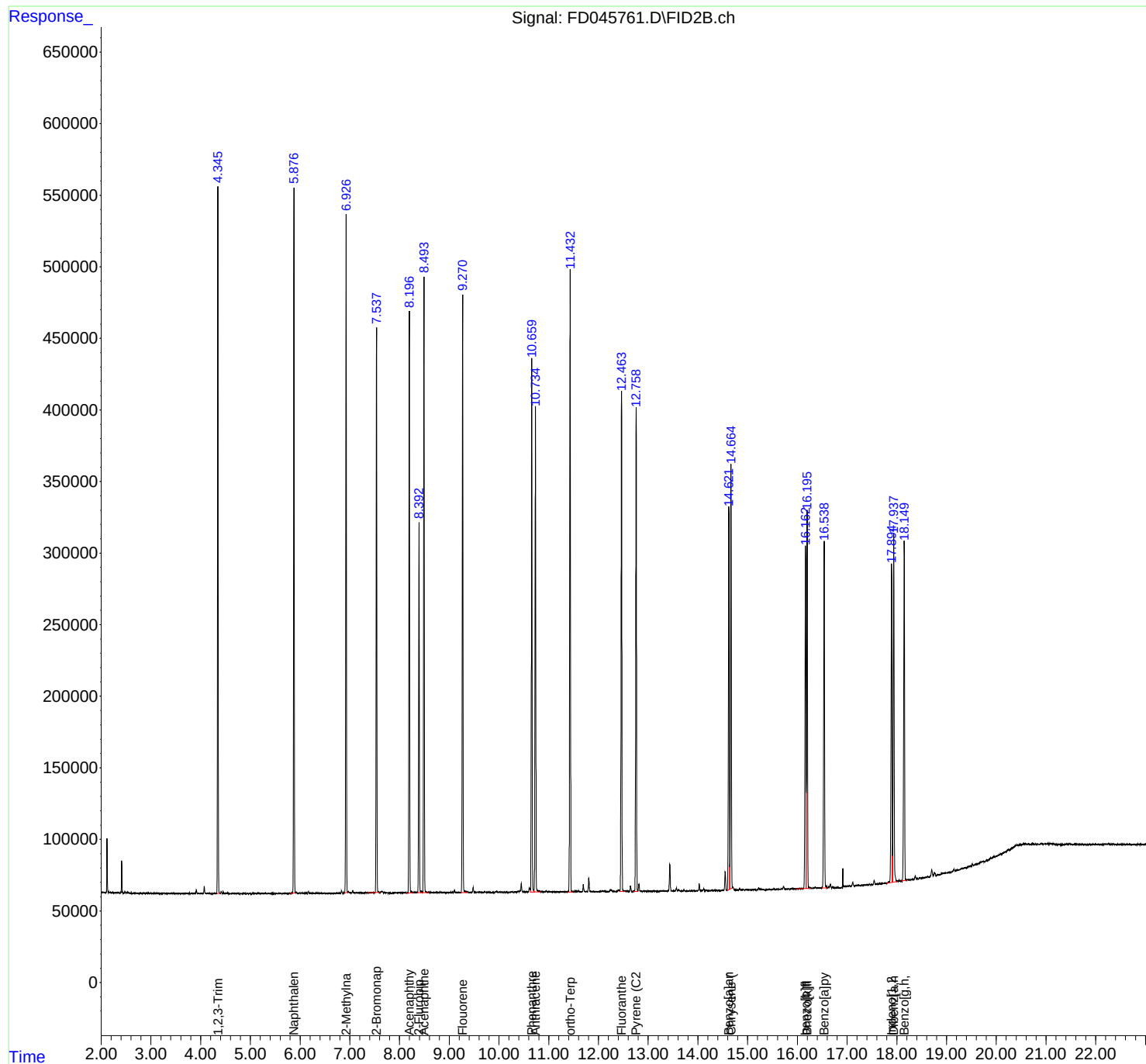
(m)=manual int.

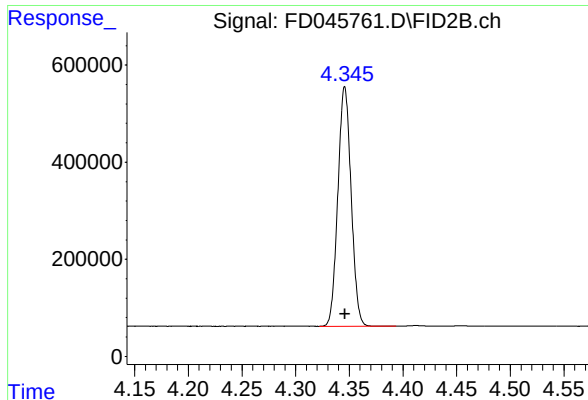
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052723AR\
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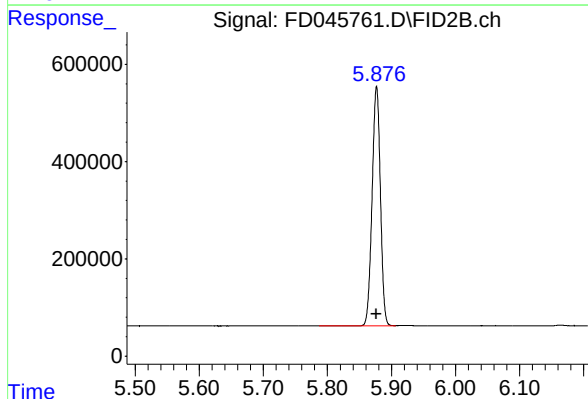




#1 1,2,3-Trimethylbenzene (C10.1)

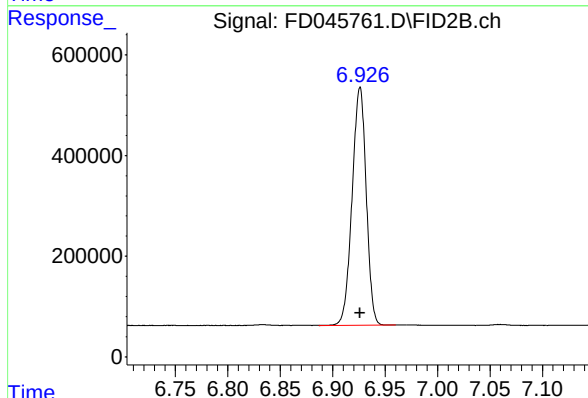
R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 4240494
Conc: 21.01 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD ICV



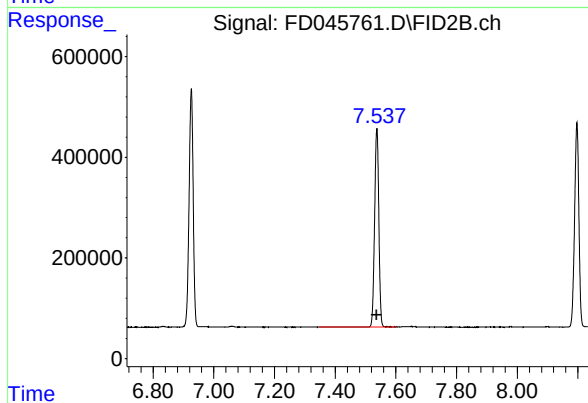
#2 Naphthalene (C11.7)

R.T.: 5.877 min
Delta R.T.: 0.000 min
Response: 4417674
Conc: 20.85 ug/ml



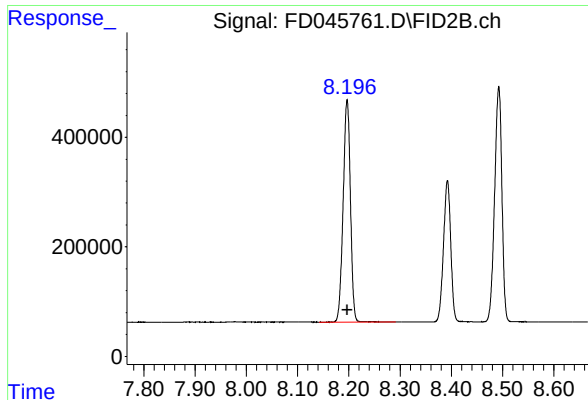
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.926 min
Delta R.T.: 0.000 min
Response: 4433507
Conc: 20.99 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.537 min
Delta R.T.: 0.000 min
Response: 3794065
Conc: 21.04 ug/ml



#5 Acenaphthylene (C15.06)

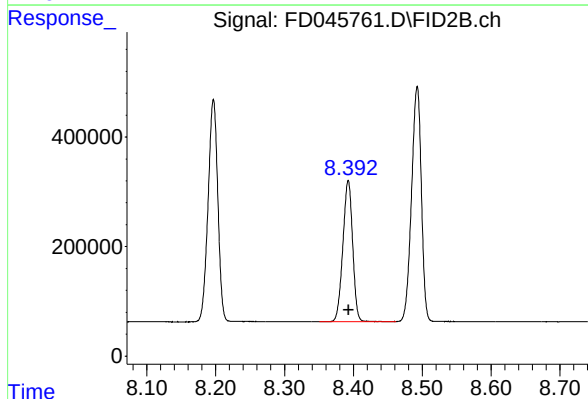
R.T.: 8.197 min
Delta R.T.: 0.000 min
Response: 3999263
Conc: 21.11 ug/ml

Instrument :

FID_D

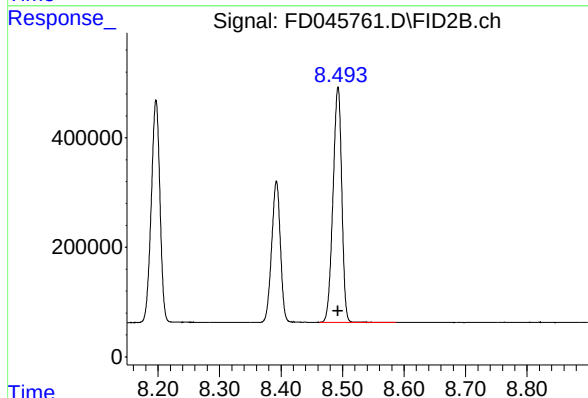
ClientSampleId :

20 PPM AROMATIC HC STD ICV



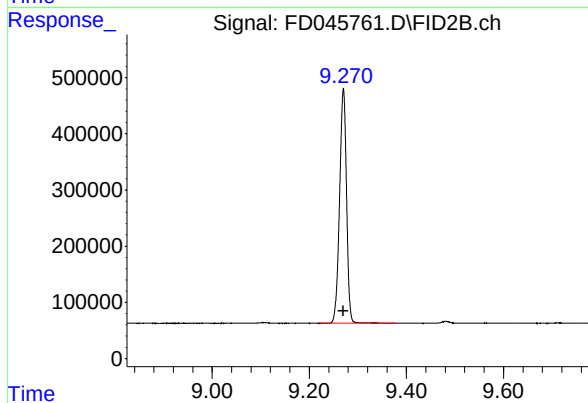
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.392 min
Delta R.T.: 0.000 min
Response: 2544952
Conc: 21.17 ug/ml



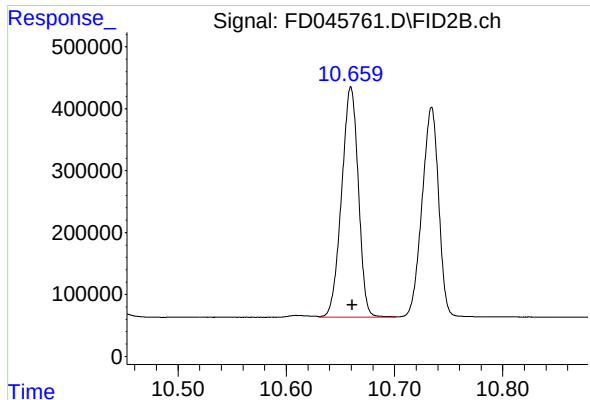
#7 Acenaphthene (C15.5)

R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 4262908
Conc: 21.08 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.270 min
Delta R.T.: 0.000 min
Response: 4177271
Conc: 21.08 ug/ml



#9 Phenanthrene (C19.36)

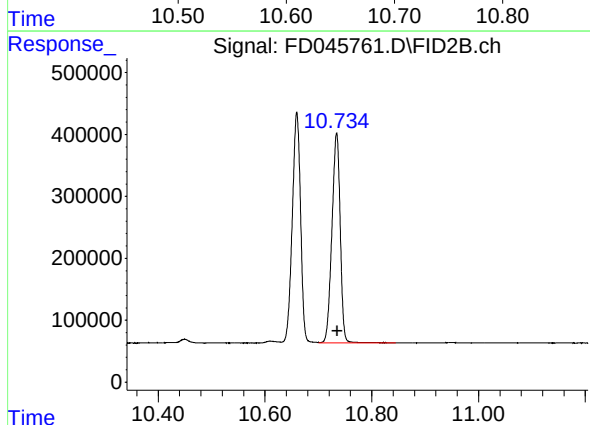
R.T.: 10.660 min
Delta R.T.: -0.001 min
Response: 4008265
Conc: 20.95 ug/ml

Instrument :

FID_D

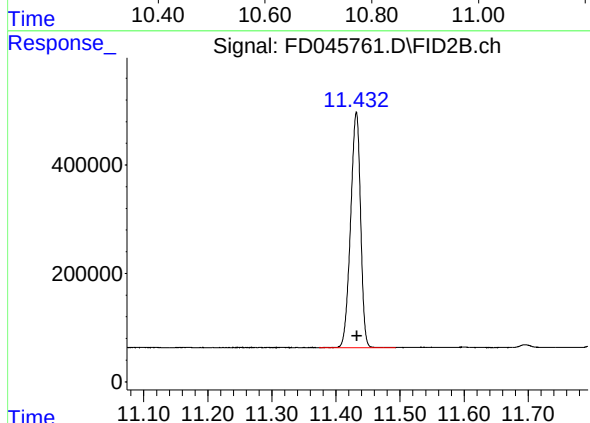
ClientSampleId :

20 PPM AROMATIC HC STD ICV



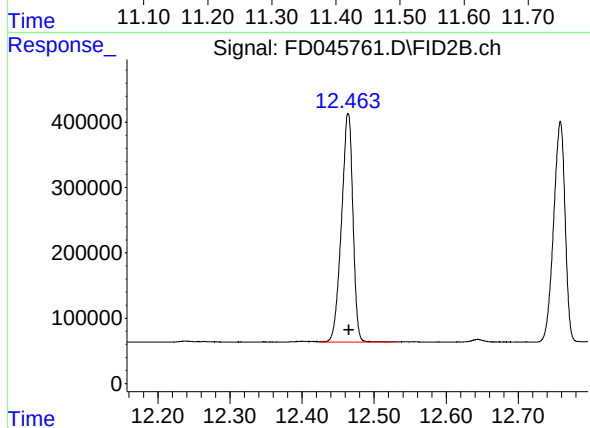
#10 Anthracene (C19.43)

R.T.: 10.734 min
Delta R.T.: -0.001 min
Response: 3657198
Conc: 21.47 ug/ml



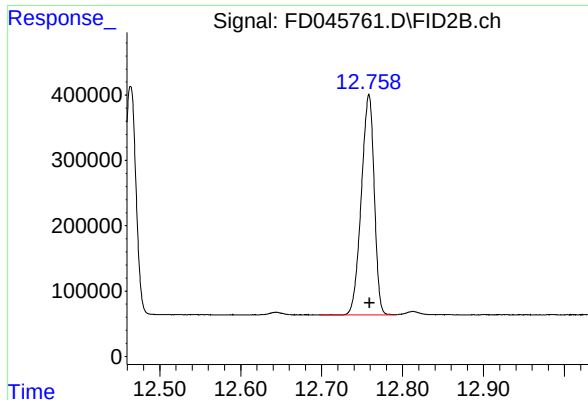
#11 ortho-Terphenyl (SURR)

R.T.: 11.432 min
Delta R.T.: -0.001 min
Response: 4686552
Conc: 20.98 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.464 min
Delta R.T.: -0.001 min
Response: 3858009
Conc: 20.88 ug/ml



#13 Pyrene (C20.8)

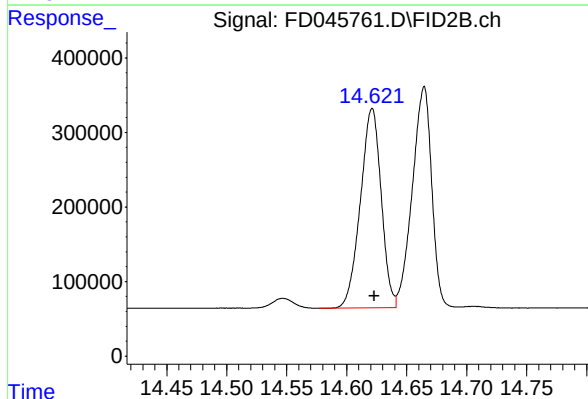
R.T.: 12.758 min
Delta R.T.: -0.001 min
Response: 3735242
Conc: 20.91 ug/ml

Instrument :

FID_D

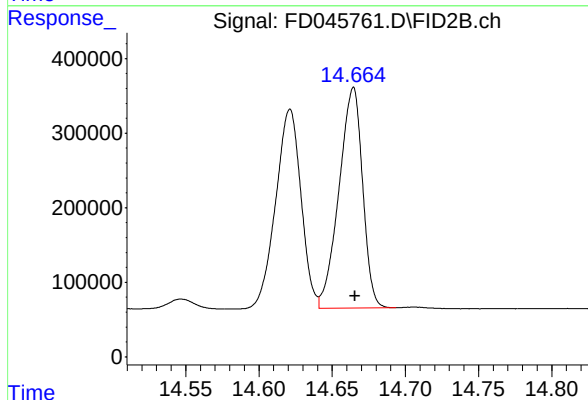
ClientSampleId :

20 PPM AROMATIC HC STD ICV



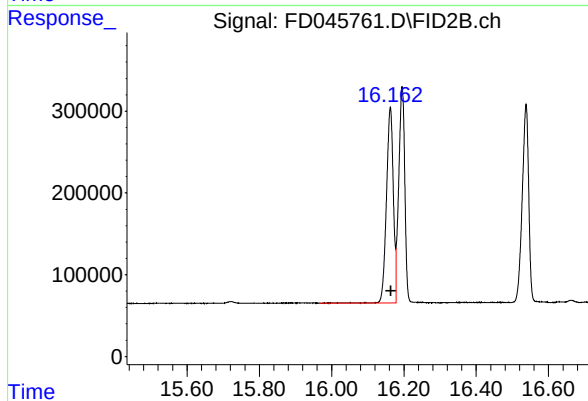
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.621 min
Delta R.T.: -0.002 min
Response: 3220787
Conc: 20.57 ug/ml



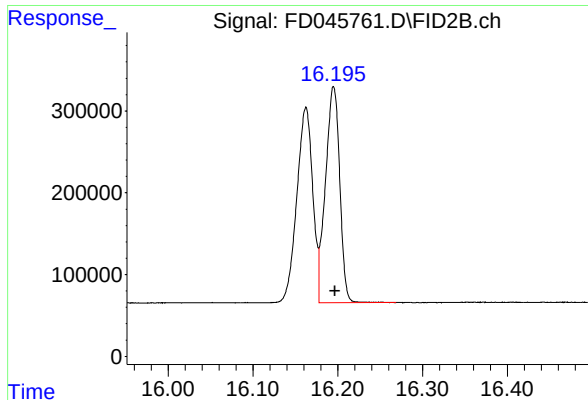
#15 Chrysene (C27.41)

R.T.: 14.664 min
Delta R.T.: -0.002 min
Response: 3316225
Conc: 20.10 ug/ml



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

R.T.: 16.162 min
Delta R.T.: -0.002 min
Response: 3115144
Conc: 20.58 ug/ml



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

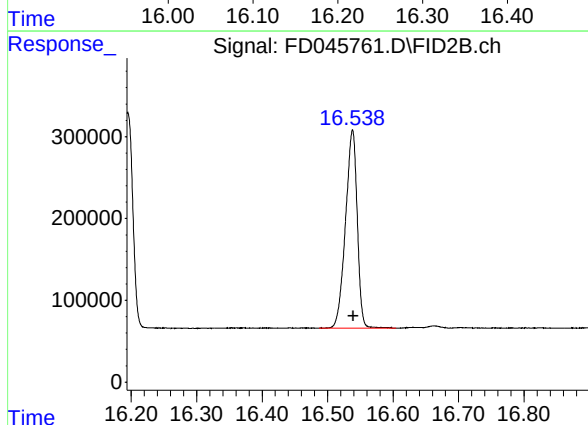
R.T.: 16.195 min
Delta R.T.: -0.002 min
Response: 3088172
Conc: 19.95 ug/ml

Instrument :

FID_D

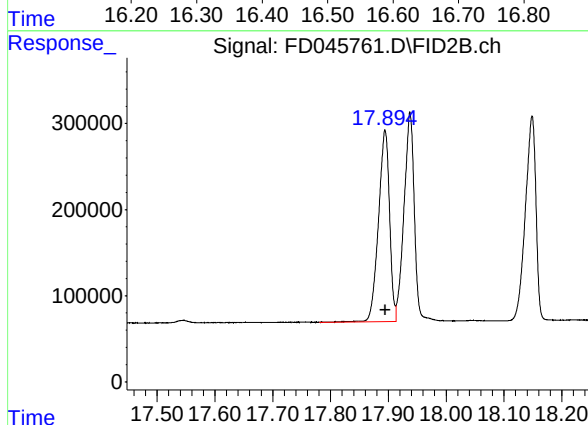
ClientSampleId :

20 PPM AROMATIC HC STD ICV



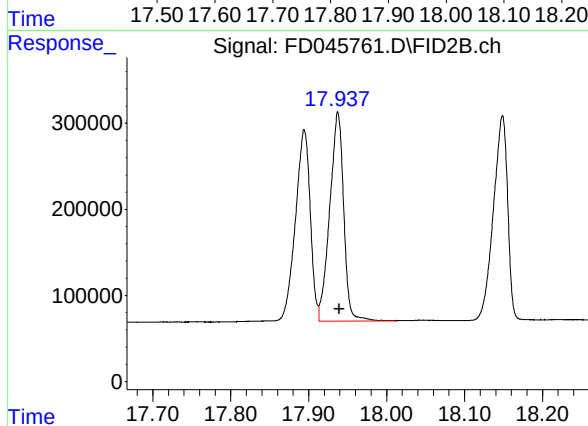
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.538 min
Delta R.T.: -0.001 min
Response: 3012426
Conc: 20.60 ug/ml



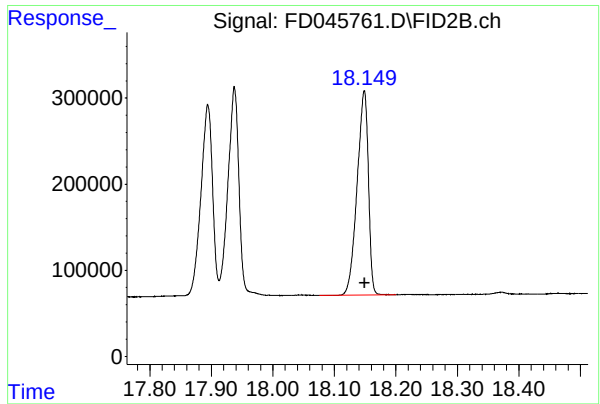
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.894 min
Delta R.T.: 0.000 min
Response: 2961353
Conc: 20.22 ug/ml



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

R.T.: 17.937 min
Delta R.T.: -0.002 min
Response: 3024811
Conc: 20.16 ug/ml



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

R.T.: 18.148 min
Delta R.T.: 0.000 min
Response: 3024817
Conc: 20.50 ug/ml

Instrument :

FID_D

ClientSampleId :

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