

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082223AR\
 Data File : FD046372.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2023 11:53
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Aug 22 12:25:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 22 11:13:00 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...	7.497	896575	5.316 ug/ml
Spiked Amount 50.000		Recovery =	10.63%
6) S 2-Fluorobiphenyl (SURR)	8.350	573887	5.132 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.26%
11) S ortho-Terphenyl (SURR)	11.387	1058447	5.425 ug/ml
Spiked Amount 50.000		Recovery =	10.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.313	952066	5.430 ug/ml
2) T Naphthalene (C11.7)	5.838	988118	5.369 ug/ml
3) T 2-Methylnaphthalene (...)	6.885	988413	5.314 ug/ml
5) T Acenaphthylene (C15.06)	8.154	907706	5.338 ug/ml
7) T Acenaphthene (C15.5)	8.449	958865	5.336 ug/ml
8) T Flouorene (C16.55)	9.227	911902	5.196 ug/ml
9) T Phenanthrene (C19.36)	10.615	908863	5.303 ug/ml
10) T Anthracene (C19.43)	10.689	882863	5.239 ug/ml
12) T Fluoranthene (C21.85)	12.417	882258	5.317 ug/ml
13) T Pyrene (C20.8)	12.711	852537	5.310 ug/ml
14) T Benzo[a]anthracene (C...	14.574	733591	5.235 ug/ml
15) T Chrysene (C27.41)	14.615	788883	5.361 ug/ml
16) T benzo[b]fluoranthene ...	16.114	712651	5.283 ug/ml
17) T Bnezo[k]fluoranthene ...	16.144	726642	5.397 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.489	698609	5.325 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.845	639727	5.158 ug/ml
20) T Dibenz[a,h]anthracene...	17.888	673703	5.364 ug/ml
21) T Benzo[g,h,i]perylene ...	18.096	689558	5.424 ug/ml

(f)=RT Delta > 1/2 Window

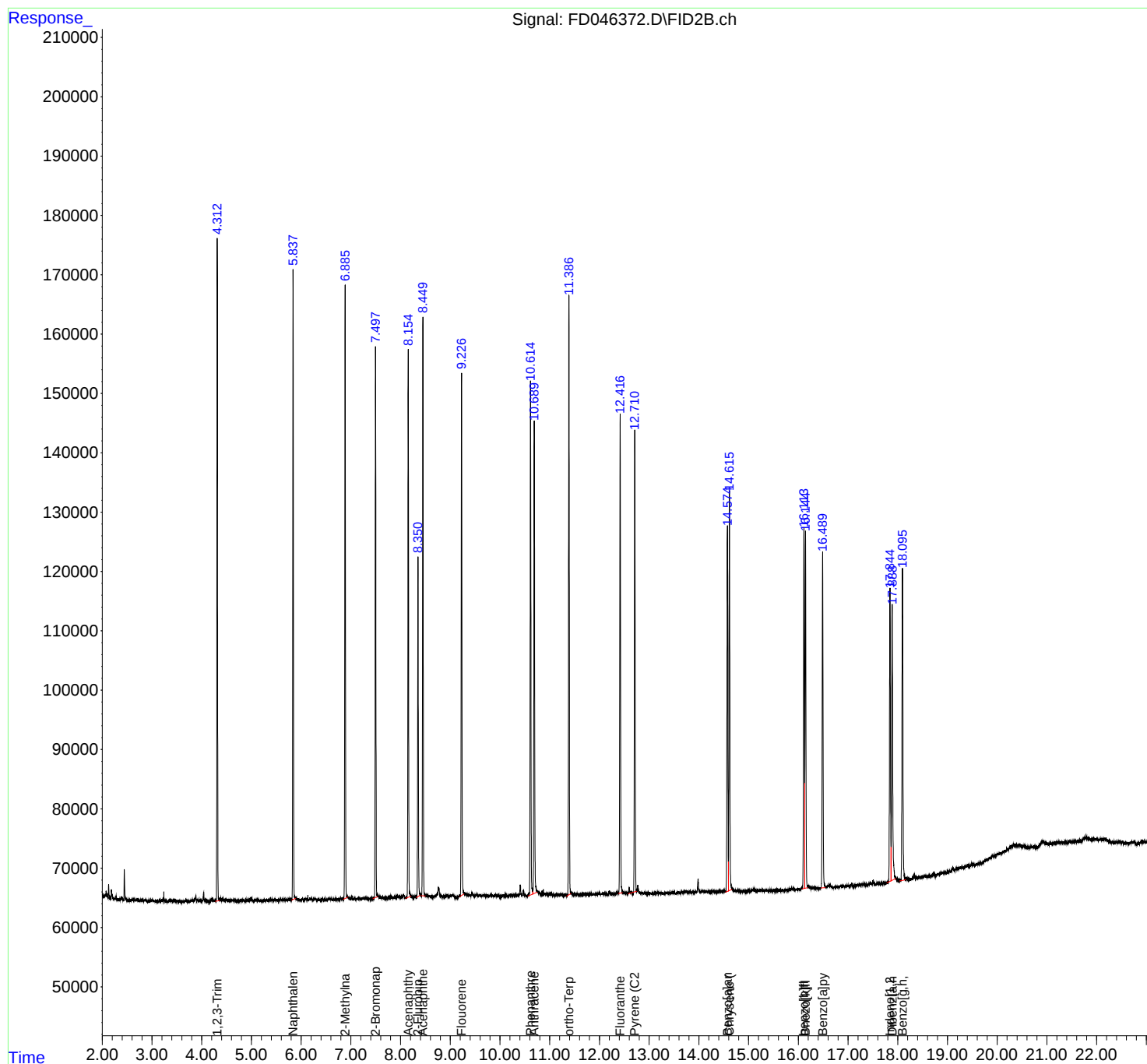
(m)=manual int.

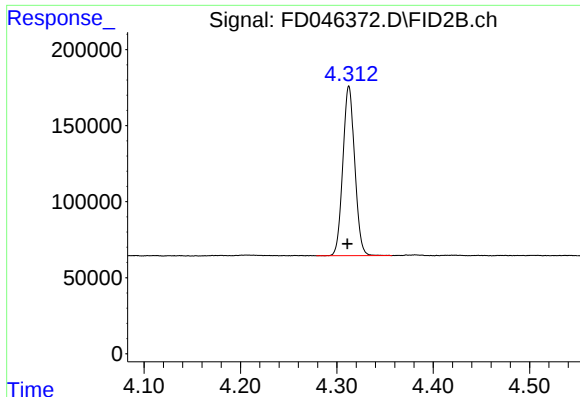
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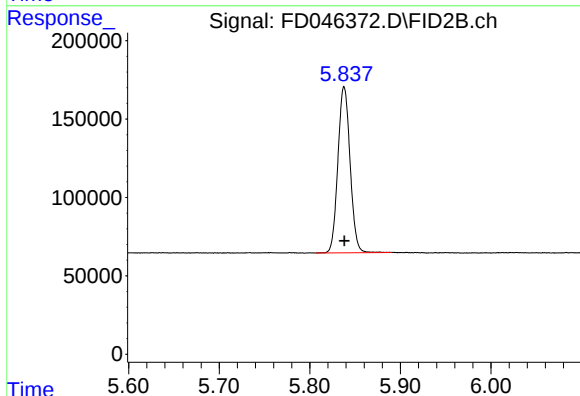




#1 1,2,3-Trimethylbenzene (C10.1)

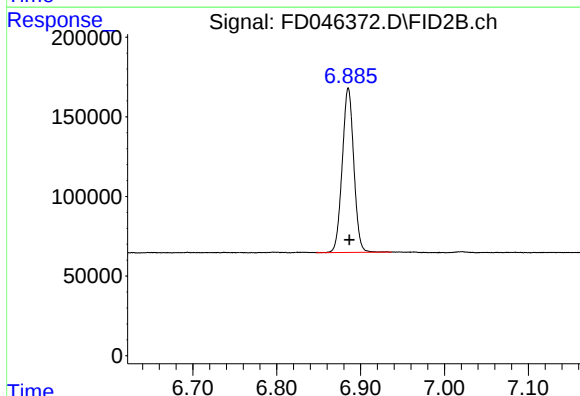
R.T.: 4.313 min
Delta R.T.: 0.002 min
Response: 952066
Conc: 5.43 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



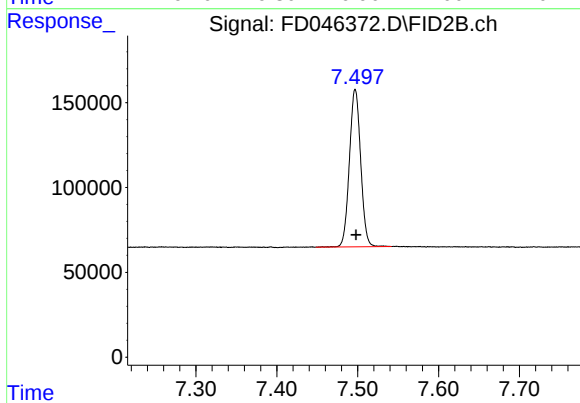
#2 Naphthalene (C11.7)

R.T.: 5.838 min
Delta R.T.: 0.000 min
Response: 988118
Conc: 5.37 ug/ml



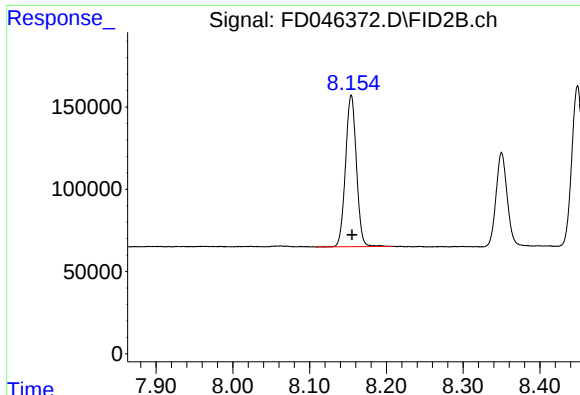
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.885 min
Delta R.T.: -0.001 min
Response: 988413
Conc: 5.31 ug/ml



#4 2-Bromonaphthalene (SURR)

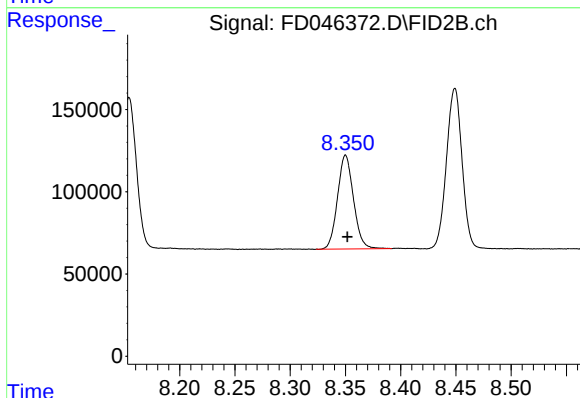
R.T.: 7.497 min
Delta R.T.: 0.000 min
Response: 896575
Conc: 5.32 ug/ml



#5 Acenaphthylene (C15.06)

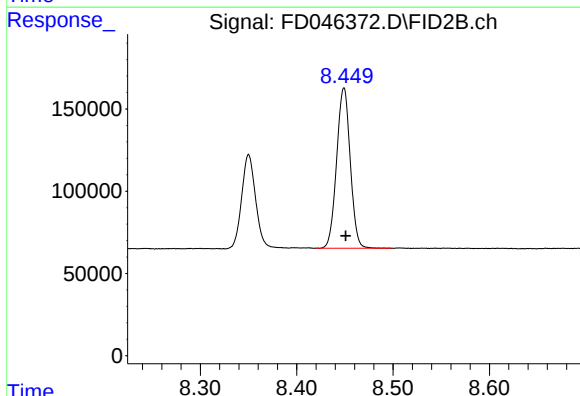
R.T.: 8.154 min
Delta R.T.: -0.001 min
Response: 907706
Conc: 5.34 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



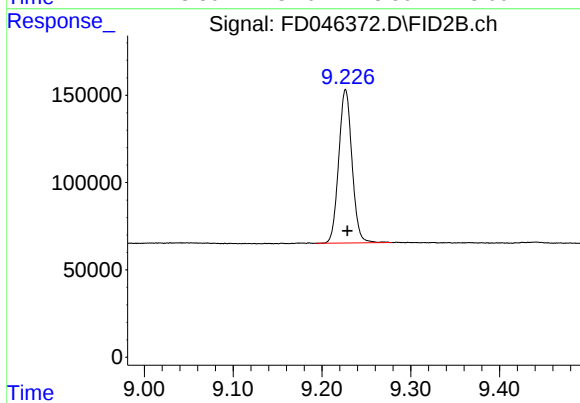
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.350 min
Delta R.T.: -0.002 min
Response: 573887
Conc: 5.13 ug/ml



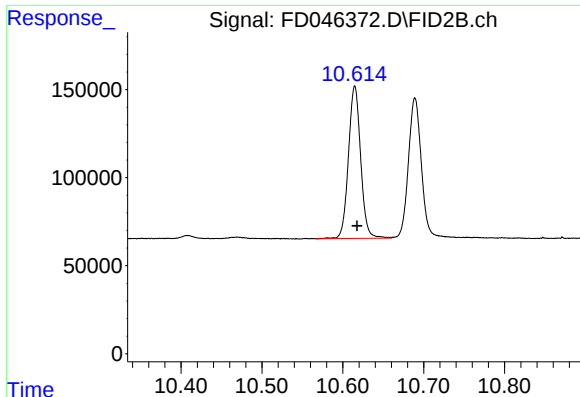
#7 Acenaphthene (C15.5)

R.T.: 8.449 min
Delta R.T.: -0.002 min
Response: 958865
Conc: 5.34 ug/ml



#8 Fluorene (C16.55)

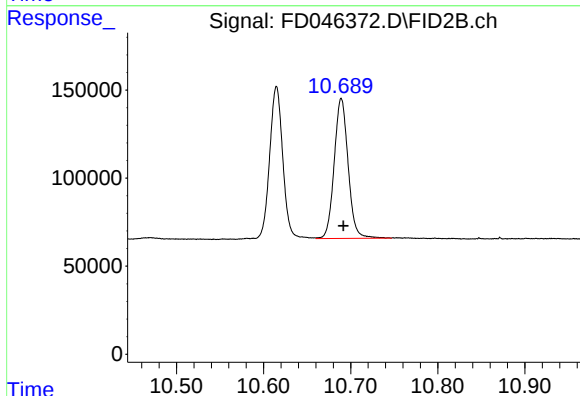
R.T.: 9.227 min
Delta R.T.: -0.002 min
Response: 911902
Conc: 5.20 ug/ml



#9 Phenanthrene (C19.36)

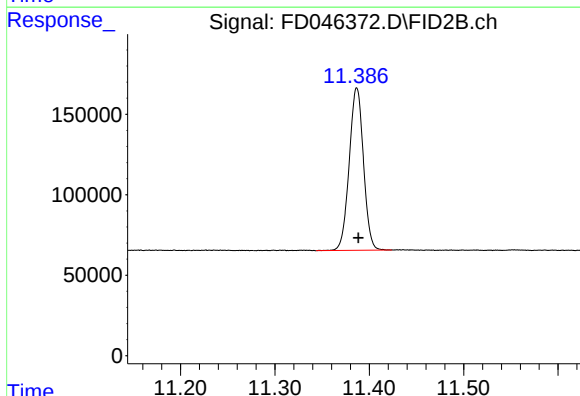
R.T.: 10.615 min
Delta R.T.: -0.003 min
Response: 908863
Conc: 5.30 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



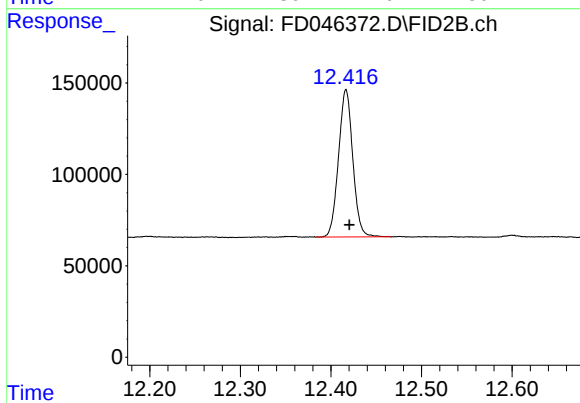
#10 Anthracene (C19.43)

R.T.: 10.689 min
Delta R.T.: -0.002 min
Response: 882863
Conc: 5.24 ug/ml



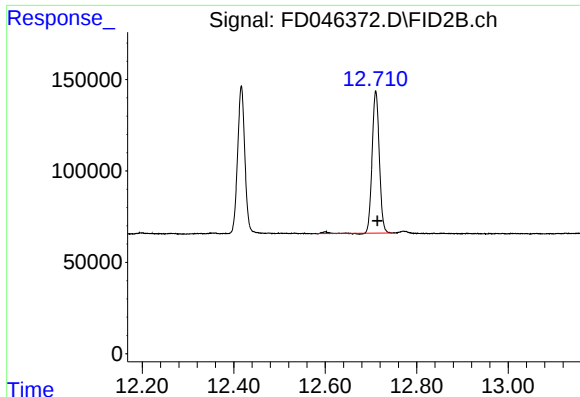
#11 ortho-Terphenyl (SURR)

R.T.: 11.387 min
Delta R.T.: -0.002 min
Response: 1058447
Conc: 5.42 ug/ml



#12 Fluoranthene (C21.85)

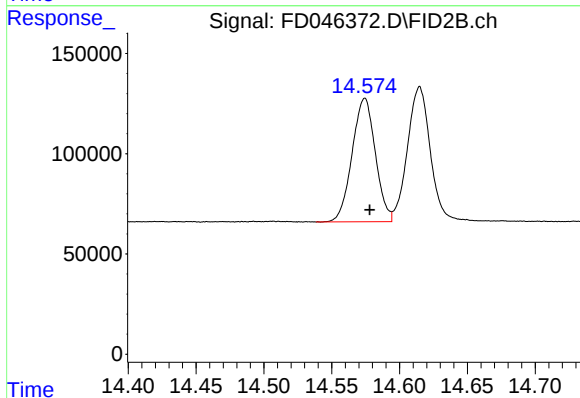
R.T.: 12.417 min
Delta R.T.: -0.004 min
Response: 882258
Conc: 5.32 ug/ml



#13 Pyrene (C20.8)

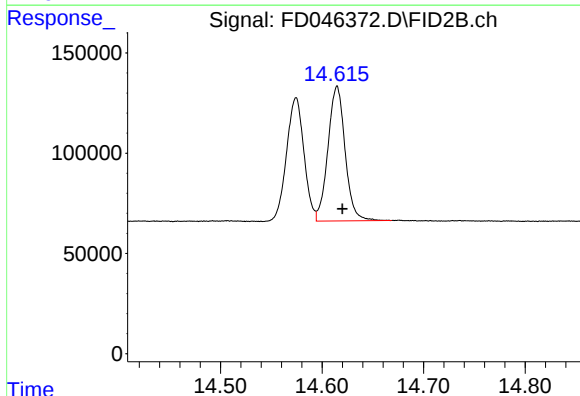
R.T.: 12.711 min
Delta R.T.: -0.004 min
Response: 852537
Conc: 5.31 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



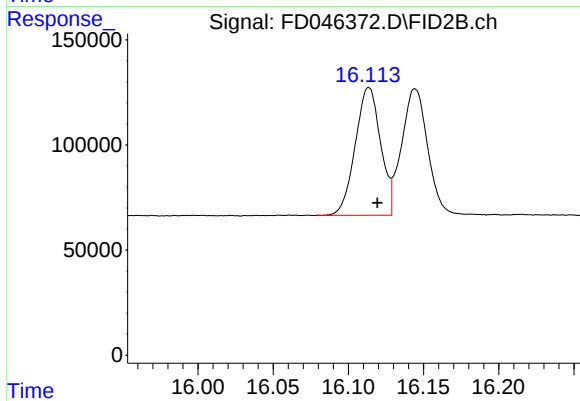
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.574 min
Delta R.T.: -0.004 min
Response: 733591
Conc: 5.23 ug/ml



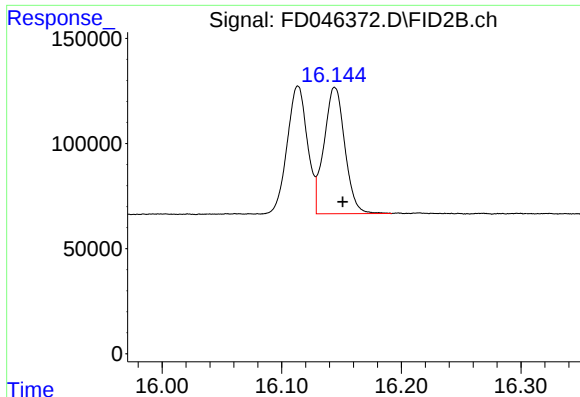
#15 Chrysene (C27.41)

R.T.: 14.615 min
Delta R.T.: -0.005 min
Response: 788883
Conc: 5.36 ug/ml



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

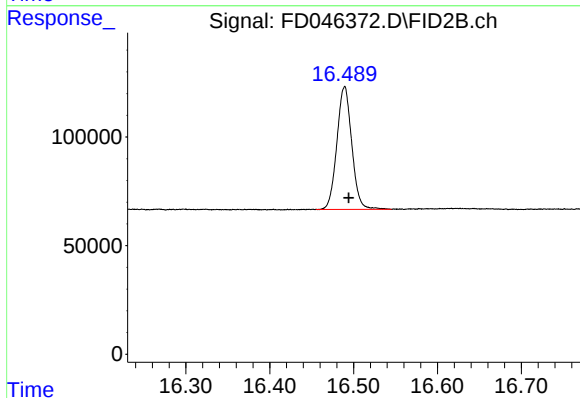
R.T.: 16.114 min
Delta R.T.: -0.006 min
Response: 712651
Conc: 5.28 ug/ml



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

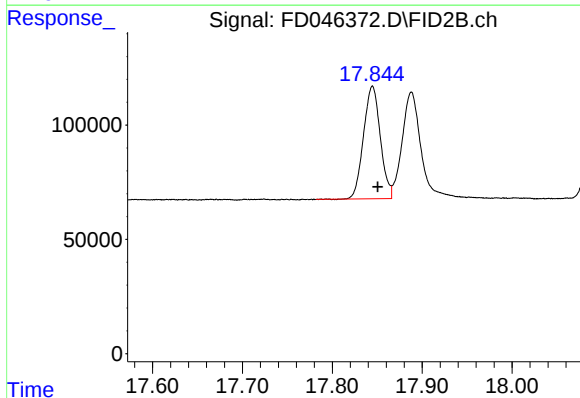
R.T.: 16.144 min
Delta R.T.: -0.007 min
Response: 726642
Conc: 5.40 ug/ml

Instrument :
FID_D
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5 PPM AROMATIC HC STD5



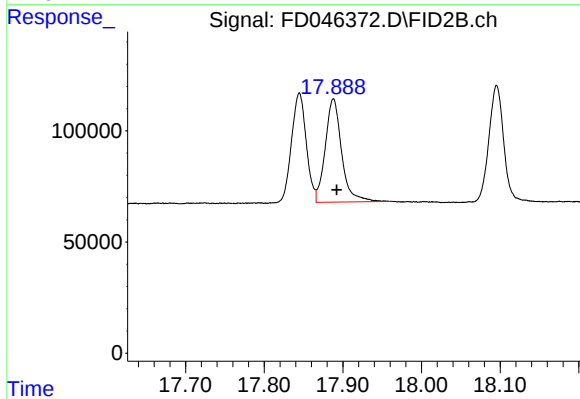
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.489 min
Delta R.T.: -0.005 min
Response: 698609
Conc: 5.33 ug/ml



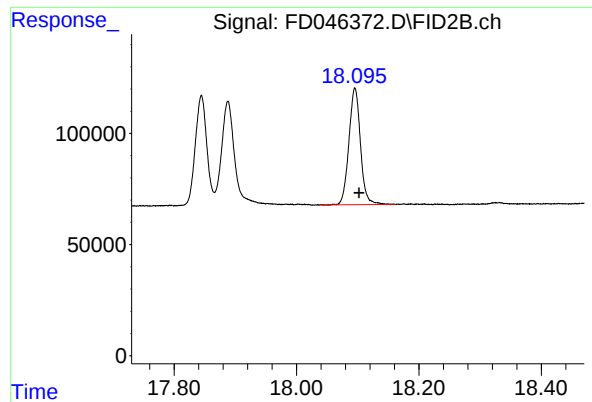
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.845 min
Delta R.T.: -0.006 min
Response: 639727
Conc: 5.16 ug/ml



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

R.T.: 17.888 min
Delta R.T.: -0.004 min
Response: 673703
Conc: 5.36 ug/ml



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

R.T.: 18.096 min
Delta R.T.: -0.007 min
Response: 689558
Conc: 5.42 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5