

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071923AR\
 Data File : FD046136.D
 Signal(s) : FID2B.ch
 Acq On : 19 Jul 2023 20:45
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jul 20 03:06:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 02:58:14 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...	7.506	768497	5.141 ug/ml
Spiked Amount 50.000		Recovery =	10.28%
6) S 2-Fluorobiphenyl (SURR)	8.360	469515	5.016 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.03%
11) S ortho-Terphenyl (SURR)	11.396	925597	5.300 ug/ml
Spiked Amount 50.000		Recovery =	10.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.318	963812	5.290 ug/ml
2) T Naphthalene (C11.7)	5.846	941146	5.211 ug/ml
3) T 2-Methylnaphthalene (...)	6.894	906295	5.149 ug/ml
5) T Acenaphthylene (C15.06)	8.163	784255	5.140 ug/ml
7) T Acenaphthene (C15.5)	8.457	841001	5.158 ug/ml
8) T Fluorene (C16.55)	9.235	767883	5.047 ug/ml
9) T Phenanthrene (C19.36)	10.624	741385	5.149 ug/ml
10) T Anthracene (C19.43)	10.698	673095	5.143 ug/ml
12) T Fluoranthene (C21.85)	12.426	737069	5.275 ug/ml
13) T Pyrene (C20.8)	12.720	740569	5.343 ug/ml
14) T Benzo[a]anthracene (C...	14.584	670827	5.111 ug/ml
15) T Chrysene (C27.41)	14.625	769163	5.455 ug/ml
16) T benzo[b]fluoranthene ...	16.124	695981	5.089 ug/ml
17) T Bnezo[k]fluoranthene ...	16.154	727044	5.304 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.499	652971	5.016 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.854	595475	4.951 ug/ml
20) T Dibenz[a,h]anthracene...	17.898	686939	5.371 ug/ml
21) T Benzo[g,h,i]perylene ...	18.104	647970	5.107 ug/ml

(f)=RT Delta > 1/2 Window

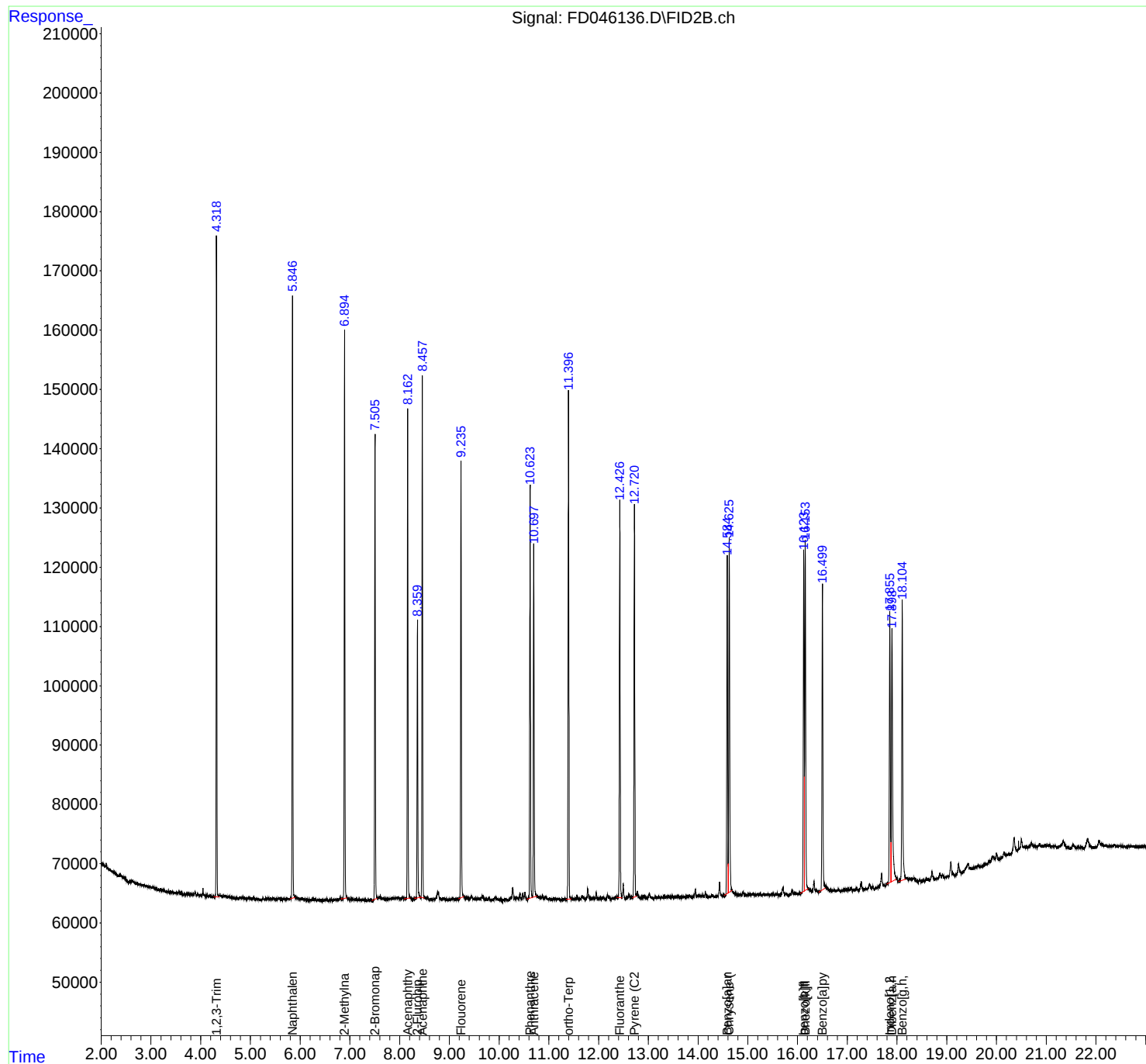
(m)=manual int.

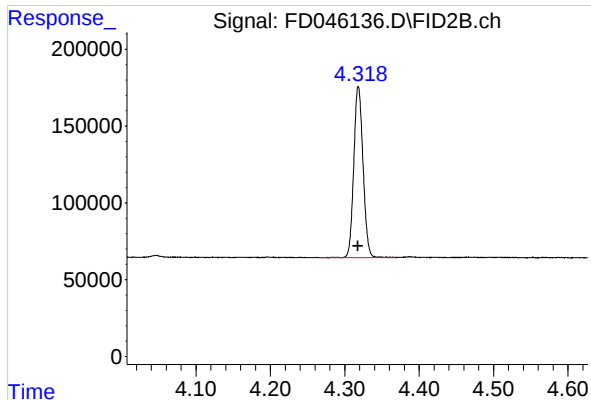
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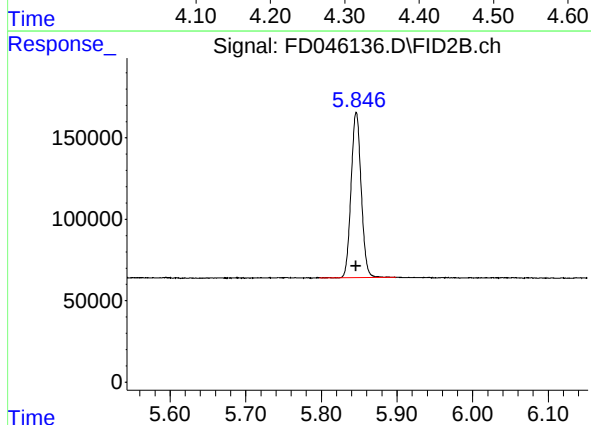




#1 1,2,3-Trimethylbenzene (C10.1)

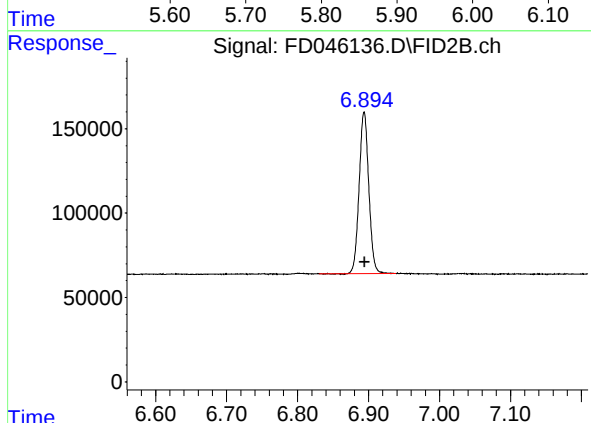
R.T.: 4.318 min
Delta R.T.: 0.000 min
Response: 963812
Conc: 5.29 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



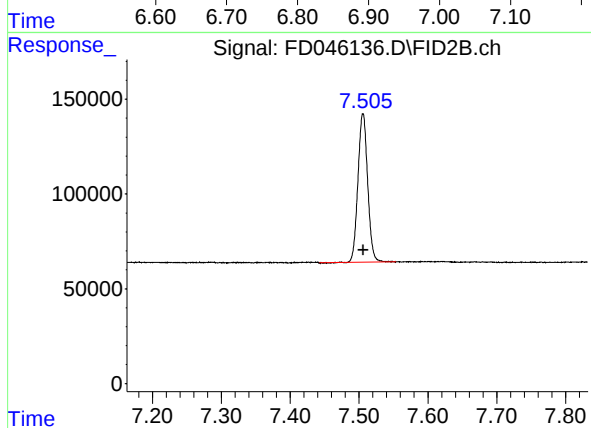
#2 Naphthalene (C11.7)

R.T.: 5.846 min
Delta R.T.: 0.000 min
Response: 941146
Conc: 5.21 ug/ml



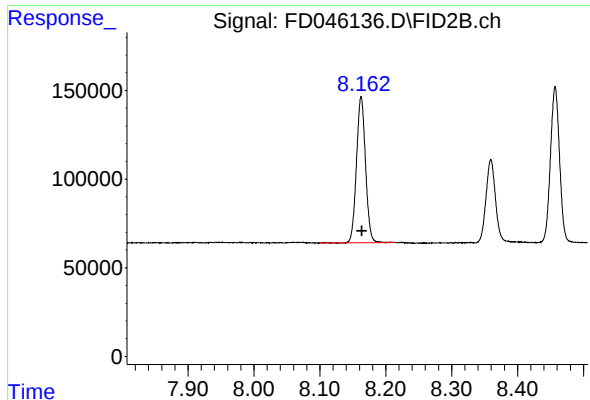
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 906295
Conc: 5.15 ug/ml



#4 2-Bromonaphthalene (SURR)

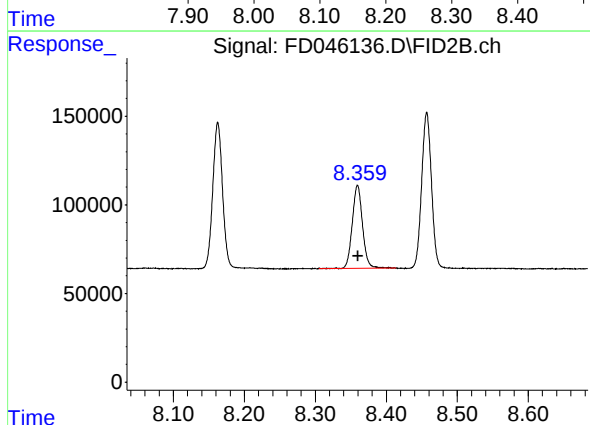
R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 768497
Conc: 5.14 ug/ml



#5 Acenaphthylene (C15.06)

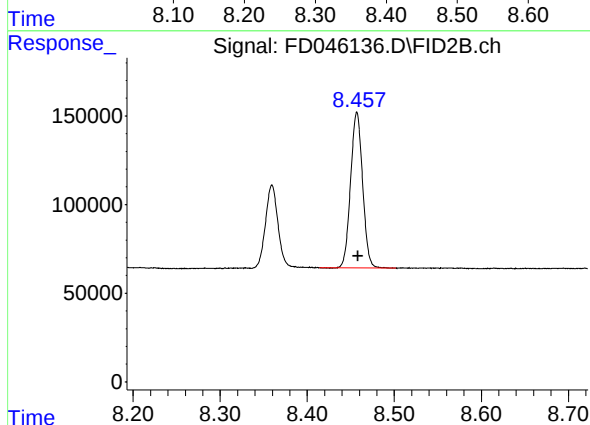
R.T.: 8.163 min
Delta R.T.: -0.001 min
Response: 784255
Conc: 5.14 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



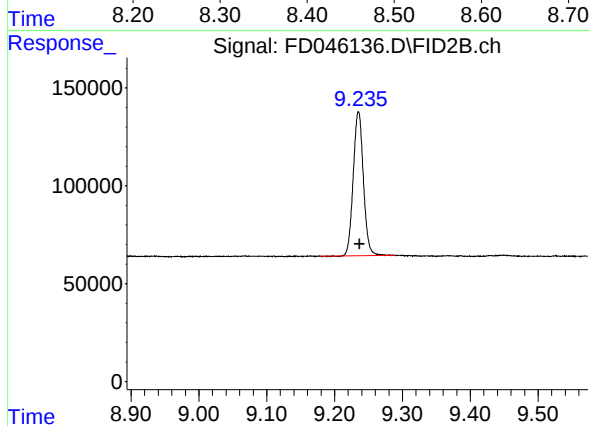
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.360 min
Delta R.T.: 0.000 min
Response: 469515
Conc: 5.02 ug/ml



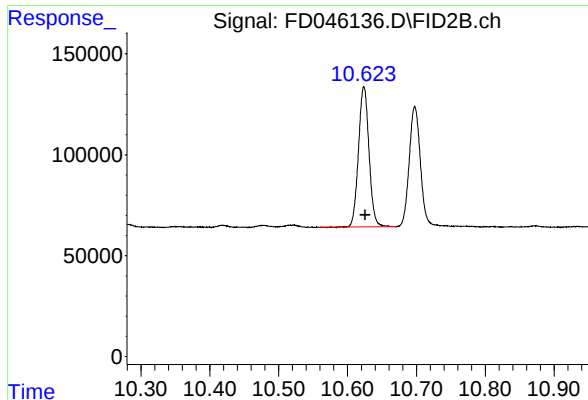
#7 Acenaphthene (C15.5)

R.T.: 8.457 min
Delta R.T.: -0.002 min
Response: 841001
Conc: 5.16 ug/ml



#8 Fluorene (C16.55)

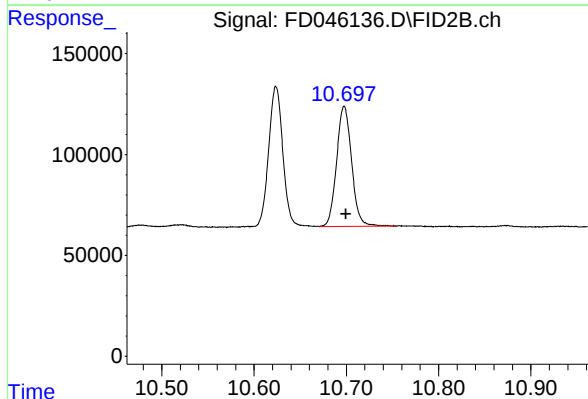
R.T.: 9.235 min
Delta R.T.: -0.002 min
Response: 767883
Conc: 5.05 ug/ml



#9 Phenanthrene (C19.36)

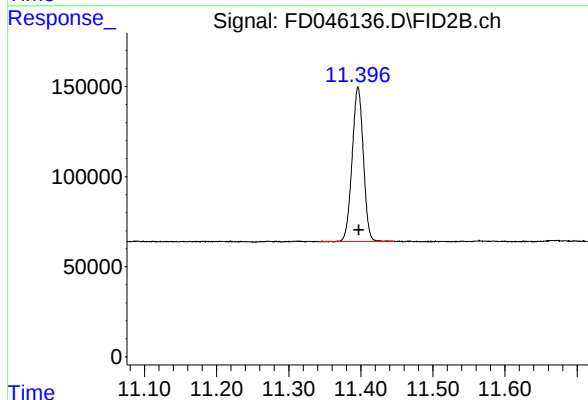
R.T.: 10.624 min
Delta R.T.: -0.002 min
Response: 741385
Conc: 5.15 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



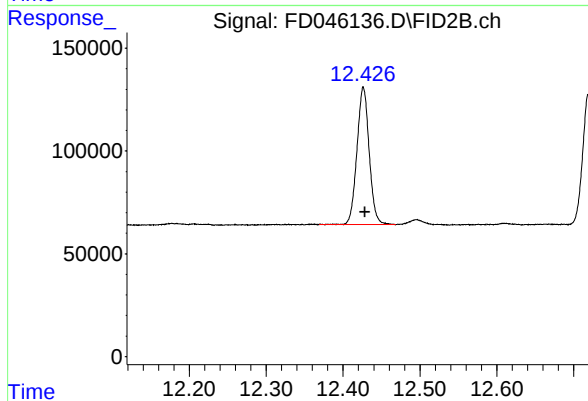
#10 Anthracene (C19.43)

R.T.: 10.698 min
Delta R.T.: -0.002 min
Response: 673095
Conc: 5.14 ug/ml



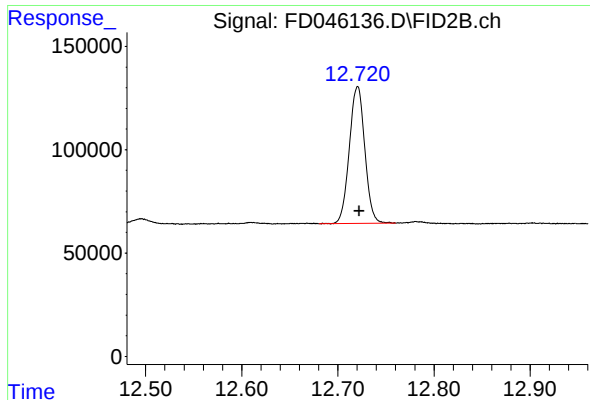
#11 ortho-Terphenyl (SURRE)

R.T.: 11.396 min
Delta R.T.: -0.001 min
Response: 925597
Conc: 5.30 ug/ml



#12 Fluoranthene (C21.85)

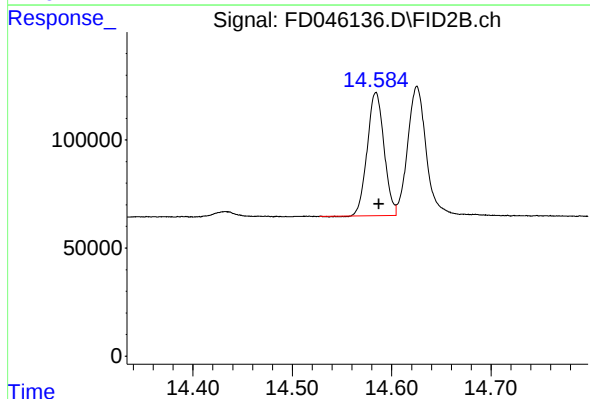
R.T.: 12.426 min
Delta R.T.: -0.002 min
Response: 737069
Conc: 5.27 ug/ml



#13 Pyrene (C20.8)

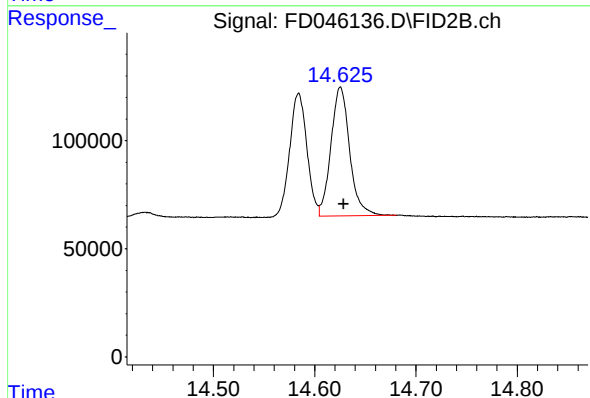
R.T.: 12.720 min
Delta R.T.: -0.002 min
Response: 740569
Conc: 5.34 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



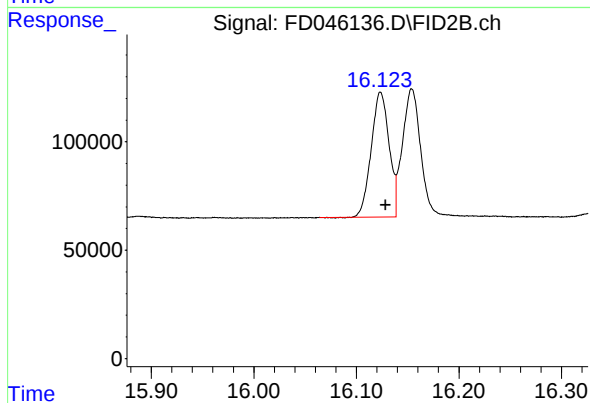
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.584 min
Delta R.T.: -0.003 min
Response: 670827
Conc: 5.11 ug/ml



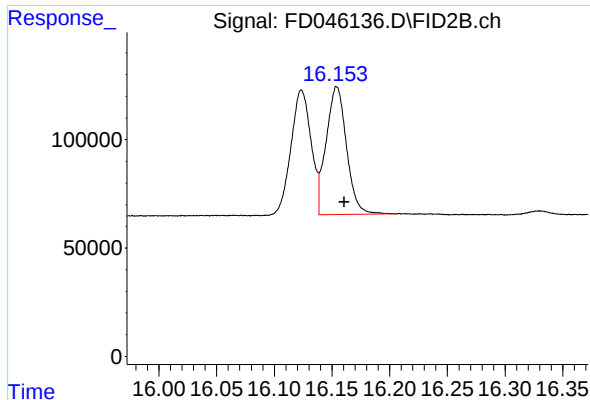
#15 Chrysene (C27.41)

R.T.: 14.625 min
Delta R.T.: -0.003 min
Response: 769163
Conc: 5.45 ug/ml



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

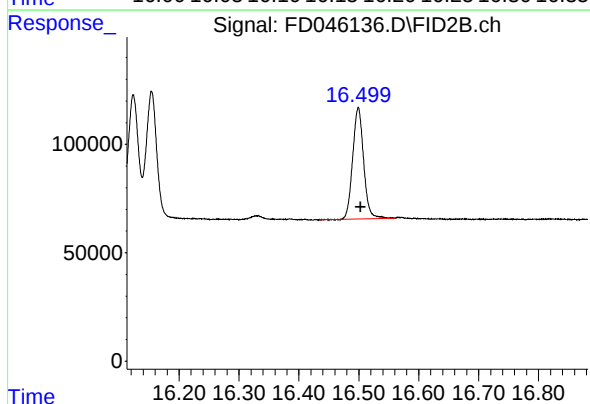
R.T.: 16.124 min
Delta R.T.: -0.005 min
Response: 695981
Conc: 5.09 ug/ml



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

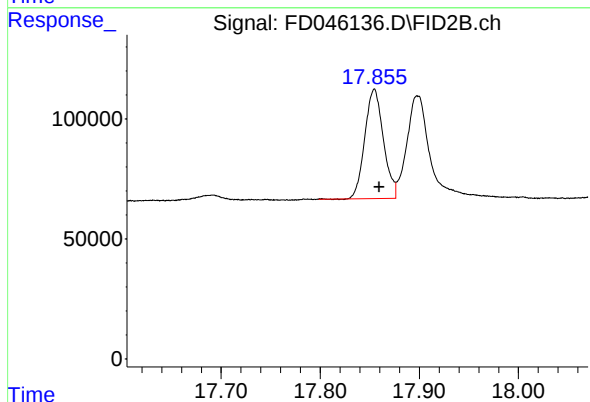
R.T.: 16.154 min
Delta R.T.: -0.007 min
Response: 727044
Conc: 5.30 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



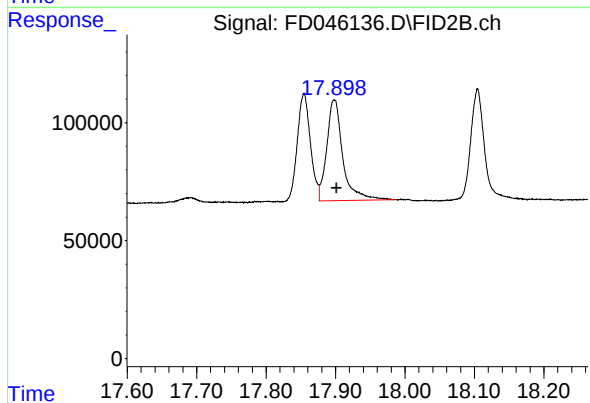
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.499 min
Delta R.T.: -0.004 min
Response: 652971
Conc: 5.02 ug/ml



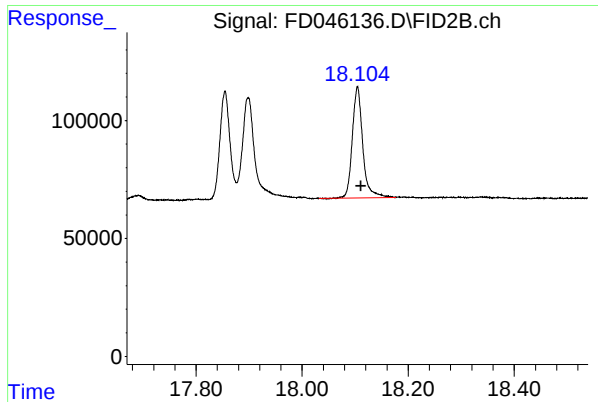
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.854 min
Delta R.T.: -0.005 min
Response: 595475
Conc: 4.95 ug/ml



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

R.T.: 17.898 min
Delta R.T.: -0.003 min
Response: 686939
Conc: 5.37 ug/ml



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

R.T.: 18.104 min
Delta R.T.: -0.007 min
Response: 647970
Conc: 5.11 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5