

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101023AR\
 Data File : FD046721.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2023 17:41
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 11 02:48:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 11 02:48:27 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...	7.487	975357	5.254 ug/ml
Spiked Amount 50.000		Recovery =	10.51%
6) S 2-Fluorobiphenyl (SURR)	8.340	615075	5.076 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.15%
11) S ortho-Terphenyl (SURR)	11.377	1155367	5.340 ug/ml
Spiked Amount 50.000		Recovery =	10.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.303	1038549	5.348 ug/ml
2) T Naphthalene (C11.7)	5.827	1071190	5.295 ug/ml
3) T 2-Methylnaphthalene (...)	6.874	1076790	5.272 ug/ml
5) T Acenaphthylene (C15.06)	8.143	964982	5.228 ug/ml
7) T Acenaphthene (C15.5)	8.438	1046971	5.267 ug/ml
8) T Flouorene (C16.55)	9.216	974646	5.120 ug/ml
9) T Phenanthrene (C19.36)	10.605	944608	5.125 ug/ml
10) T Anthracene (C19.43)	10.679	779459	5.962 ug/ml
12) T Fluoranthene (C21.85)	12.407	953481	5.233 ug/ml
13) T Pyrene (C20.8)	12.700	902863	5.149 ug/ml
14) T Benzo[a]anthracene (C...	14.565	744477	5.084 ug/ml
15) T Chrysene (C27.41)	14.605	826990	5.140 ug/ml
16) T benzo[b]fluoranthene ...	16.106	764725	5.118 ug/ml
17) T Bnezo[k]fluoranthene ...	16.136	798158	5.306 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.481	727507	5.144 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.838	673994	4.972 ug/ml
20) T Dibenz[a,h]anthracene...	17.881	783338	5.544 ug/ml
21) T Benzo[g,h,i]perylene ...	18.087	729637	5.187 ug/ml

(f)=RT Delta > 1/2 Window

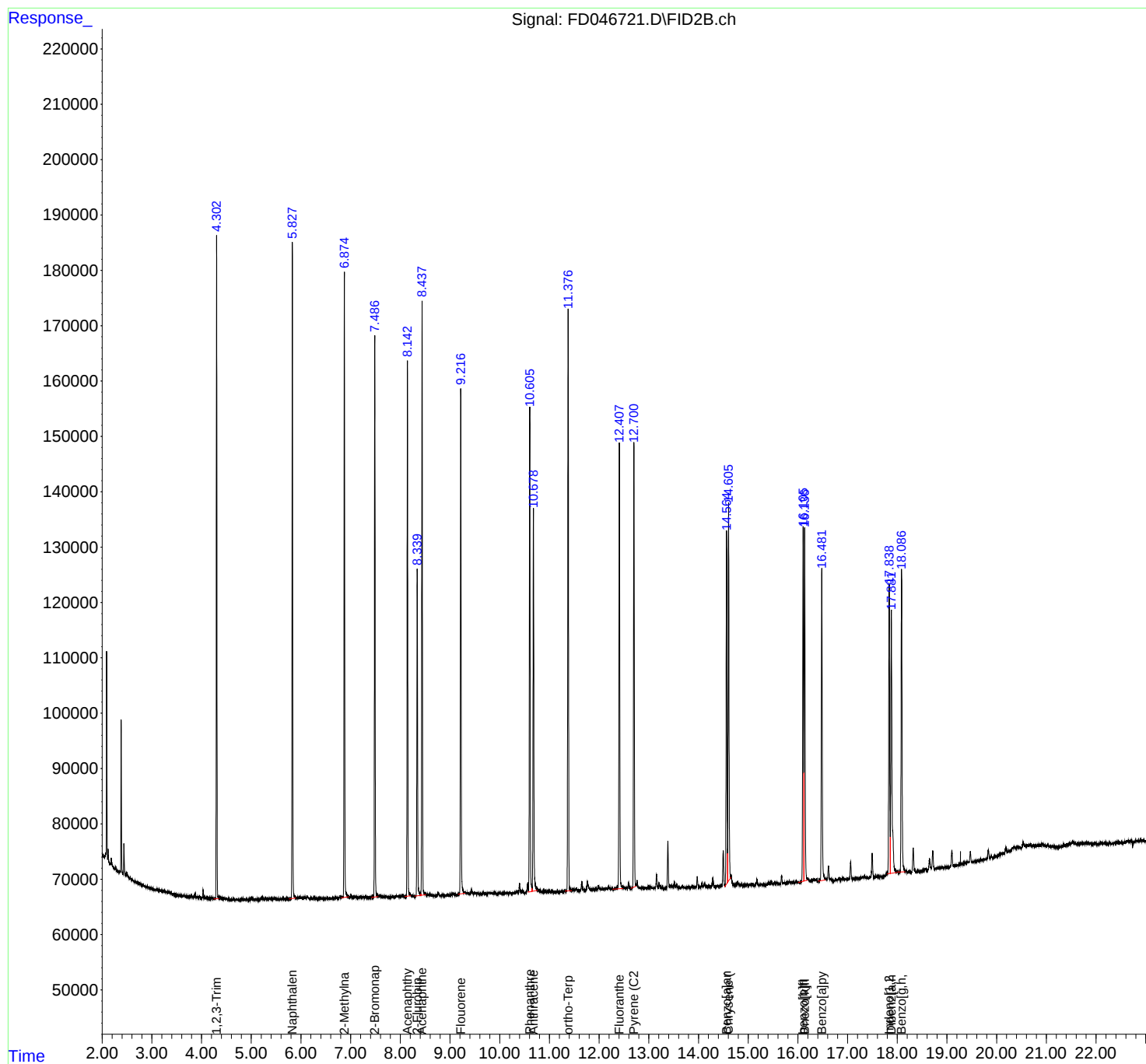
(m)=manual int.

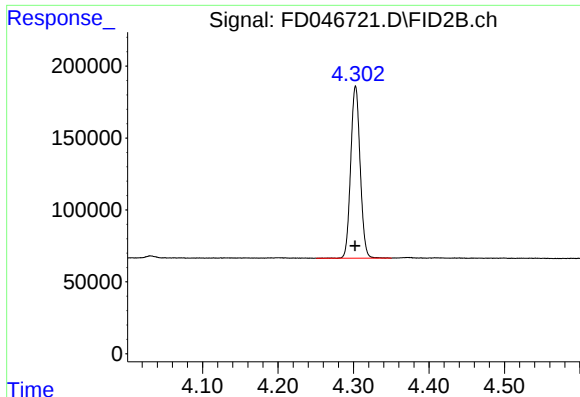
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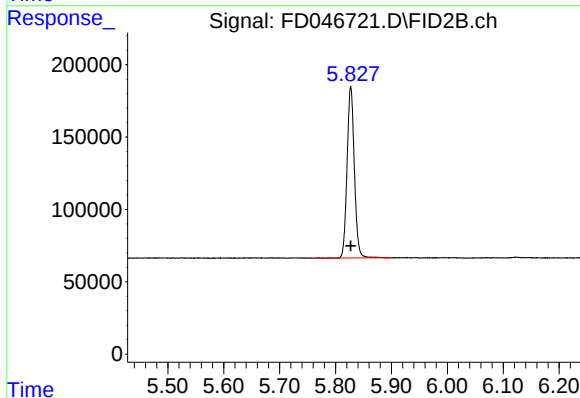




#1 1,2,3-Trimethylbenzene (C10.1)

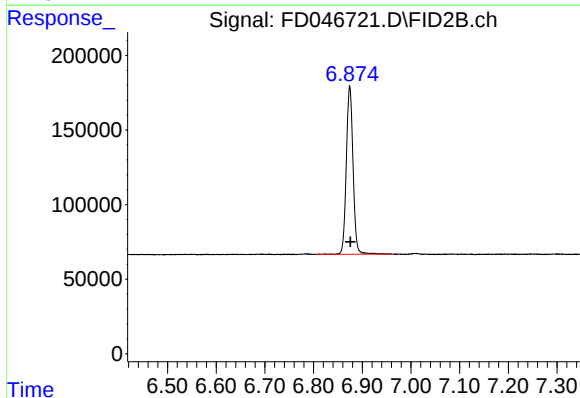
R.T.: 4.303 min
Delta R.T.: 0.000 min
Response: 1038549
Conc: 5.35 ug/ml

Instrument :
FID_D
ClientSampleId :



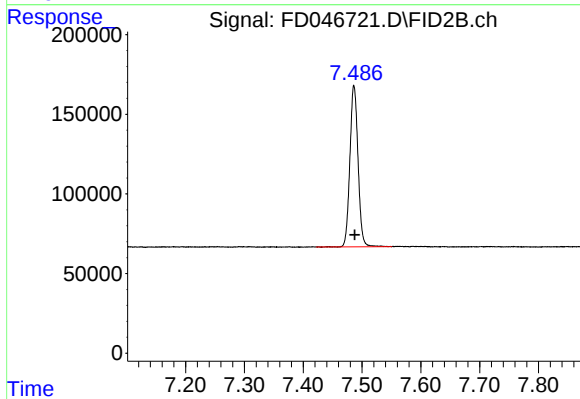
#2 Naphthalene (C11.7)

R.T.: 5.827 min
Delta R.T.: 0.000 min
Response: 1071190
Conc: 5.29 ug/ml



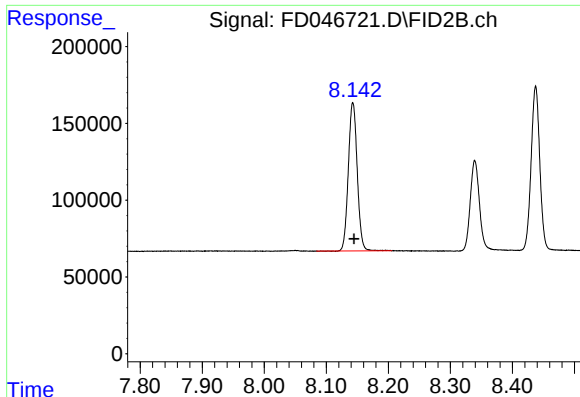
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.874 min
Delta R.T.: -0.001 min
Response: 1076790
Conc: 5.27 ug/ml



#4 2-Bromonaphthalene (SURR)

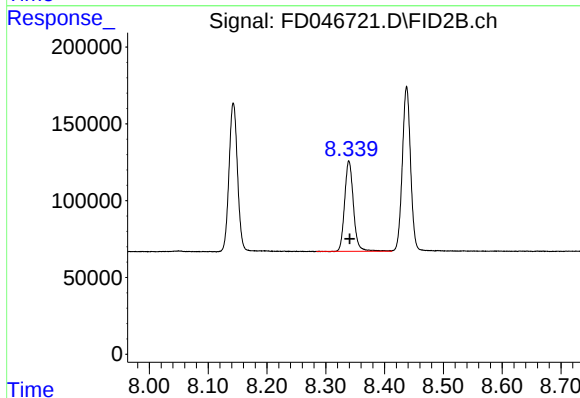
R.T.: 7.487 min
Delta R.T.: -0.001 min
Response: 975357
Conc: 5.25 ug/ml



#5 Acenaphthylene (C15.06)

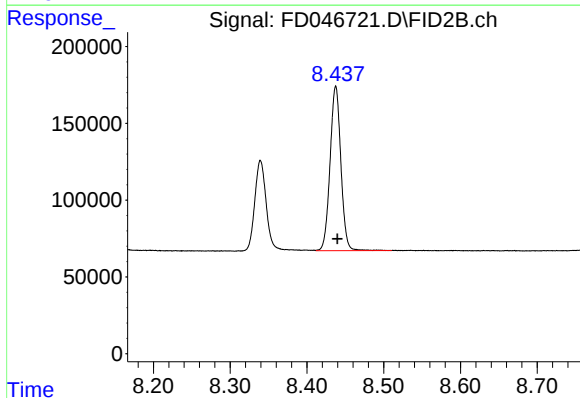
R.T.: 8.143 min
Delta R.T.: -0.002 min
Response: 964982
Conc: 5.23 ug/ml

Instrument :
FID_D
ClientSampleId :



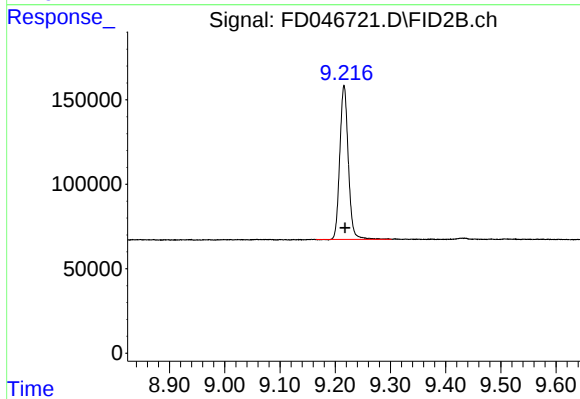
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.340 min
Delta R.T.: -0.001 min
Response: 615075
Conc: 5.08 ug/ml



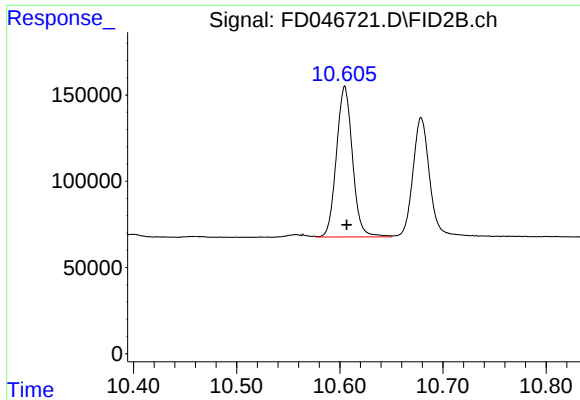
#7 Acenaphthene (C15.5)

R.T.: 8.438 min
Delta R.T.: -0.002 min
Response: 1046971
Conc: 5.27 ug/ml



#8 Fluorene (C16.55)

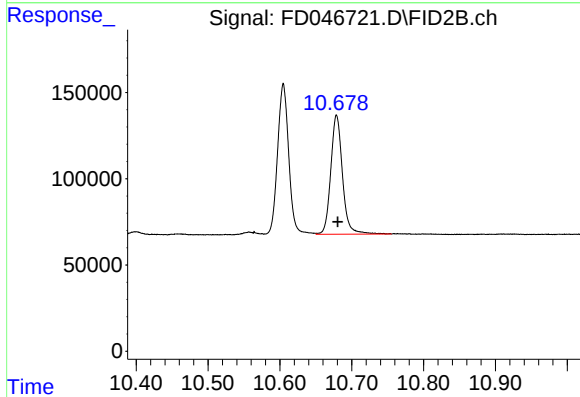
R.T.: 9.216 min
Delta R.T.: -0.002 min
Response: 974646
Conc: 5.12 ug/ml



#9 Phenanthrene (C19.36)

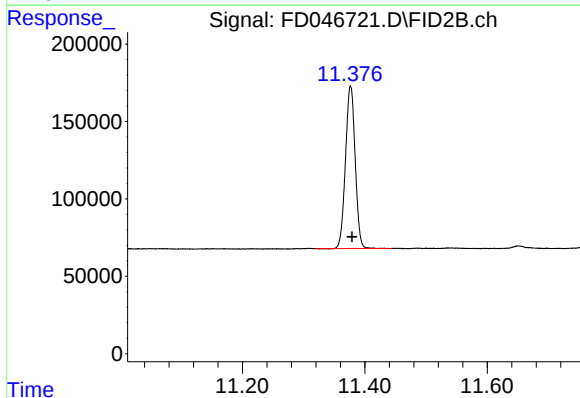
R.T.: 10.605 min
Delta R.T.: -0.002 min
Response: 944608
Conc: 5.12 ug/ml

Instrument :
FID_D
ClientSampleId :



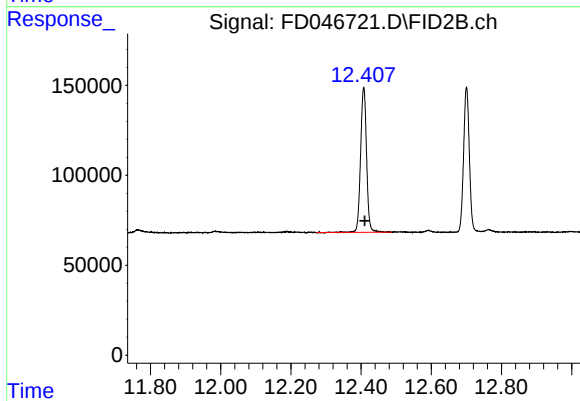
#10 Anthracene (C19.43)

R.T.: 10.679 min
Delta R.T.: -0.001 min
Response: 779459
Conc: 5.96 ug/ml



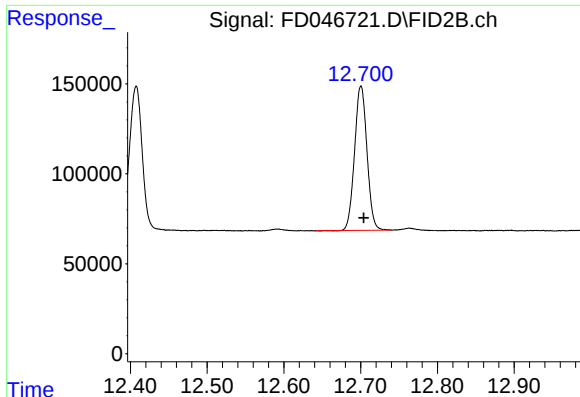
#11 ortho-Terphenyl (SURR)

R.T.: 11.377 min
Delta R.T.: -0.002 min
Response: 1155367
Conc: 5.34 ug/ml



#12 Fluoranthene (C21.85)

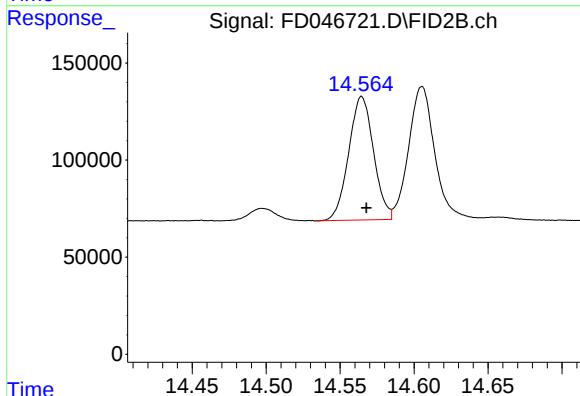
R.T.: 12.407 min
Delta R.T.: -0.002 min
Response: 953481
Conc: 5.23 ug/ml



#13 Pyrene (C20.8)

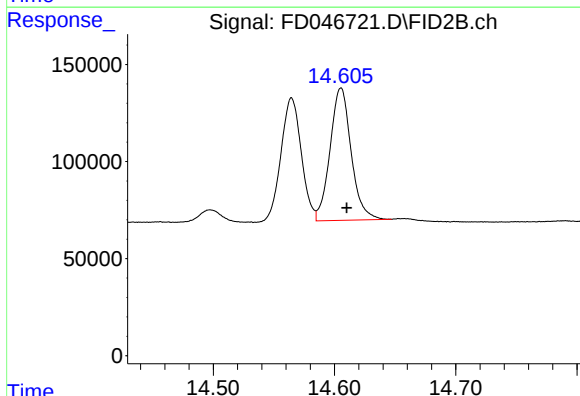
R.T.: 12.700 min
Delta R.T.: -0.004 min
Response: 902863
Conc: 5.15 ug/ml

Instrument :
FID_D
ClientSampleId :



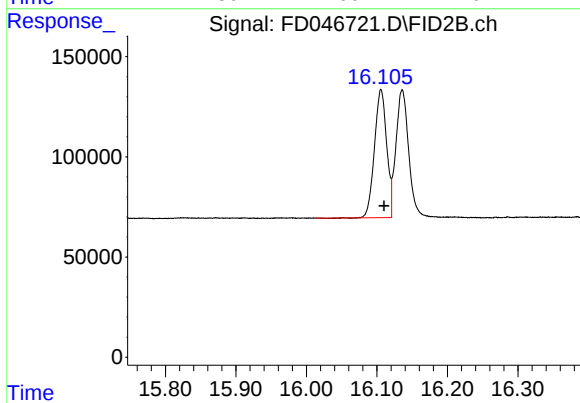
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.565 min
Delta R.T.: -0.003 min
Response: 744477
Conc: 5.08 ug/ml



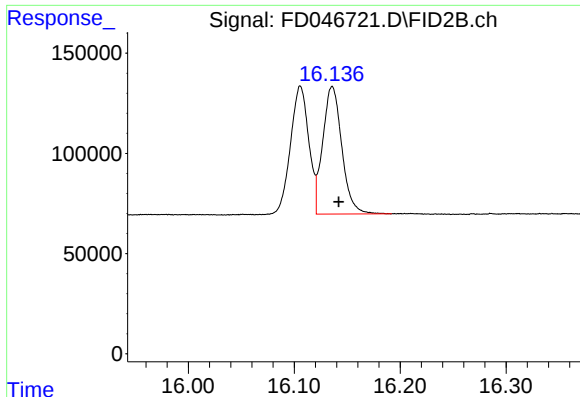
#15 Chrysene (C27.41)

R.T.: 14.605 min
Delta R.T.: -0.005 min
Response: 826990
Conc: 5.14 ug/ml



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

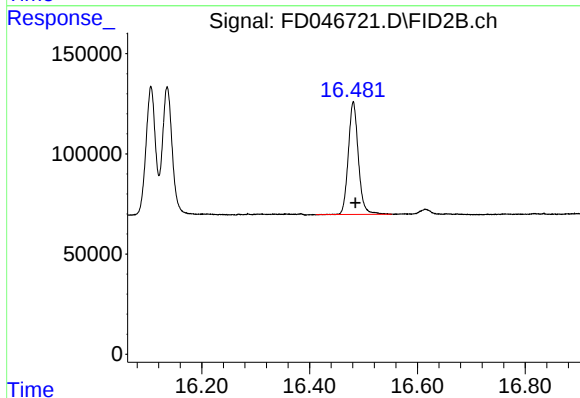
R.T.: 16.106 min
Delta R.T.: -0.004 min
Response: 764725
Conc: 5.12 ug/ml



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

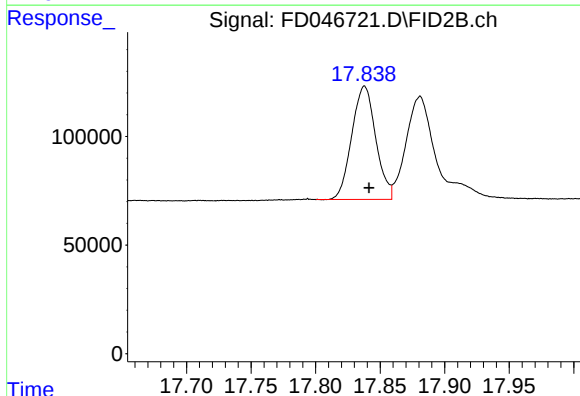
R.T.: 16.136 min
Delta R.T.: -0.006 min
Response: 798158
Conc: 5.31 ug/ml

Instrument :
FID_D
ClientSampleId :



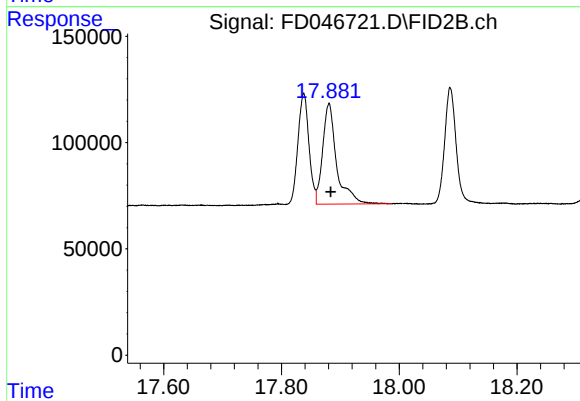
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.481 min
Delta R.T.: -0.004 min
Response: 727507
Conc: 5.14 ug/ml



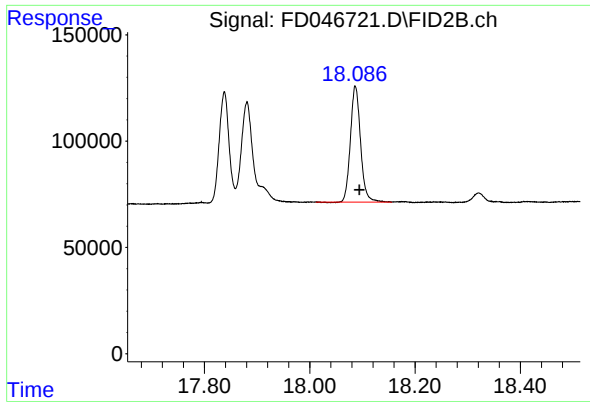
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.838 min
Delta R.T.: -0.004 min
Response: 673994
Conc: 4.97 ug/ml



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

R.T.: 17.881 min
Delta R.T.: -0.003 min
Response: 783338
Conc: 5.54 ug/ml



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

R.T.: 18.087 min
Delta R.T.: -0.007 min
Response: 729637
Conc: 5.19 ug/ml

Instrument :
FID_D
ClientSampleId :