

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032423AR\
 Data File : FD045343.D
 Signal(s) : FID2B.ch
 Acq On : 25 Mar 2023 00:55
 Operator : YP/AJ
 Sample : 02045-06
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 25 02:29:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 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...	7.550	6443249	47.479 ug/ml
Spiked Amount 50.000		Recovery =	94.96%
6) S 2-Fluorobiphenyl (SURR)	8.406	4143374	46.277 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.55%
11) S ortho-Terphenyl (SURR)	11.448	4742229	28.490 ug/ml
Spiked Amount 50.000		Recovery =	56.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.360	47479	0.313 ug/ml
2) T Naphthalene (C11.7)	5.888	2464872	15.603 ug/ml
3) T 2-Methylnaphthalene (...)	6.936	808846	5.090 ug/ml
5) T Acenaphthylene (C15.06)	8.206	1078157	7.519 ug/ml
7) T Acenaphthene (C15.5)	8.504	3931747	25.940 ug/ml
8) T Fluorene (C16.55)	9.284	5423846	36.839 ug/ml
9) T Phenanthrene (C19.36)	10.685	14560006	101.979 ug/ml
10) T Anthracene (C19.43)	10.753	5518160	39.379 ug/ml
12) T Fluoranthene (C21.85)	12.505	26187275	187.467 ug/ml
13) T Pyrene (C20.8)	12.796	19527962	143.400 ug/ml
14) T Benzo[a]anthracene (C...	14.650	8904907	69.857 ug/ml
15) T Chrysene (C27.41)	14.696	8756977	67.192 ug/ml
16) T benzo[b]fluoranthene ...	16.201	8681138	67.338 ug/ml
17) T Bnezo[k]fluoranthene ...	16.224	3134011	24.827 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.574	5954372	47.310 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.925	3334351	27.872 ug/ml
20) T Dibenz[a,h]anthracene...	17.962	1009853	8.372 ug/ml
21) T Benzo[g,h,i]perylene ...	18.176	2500173	20.094 ug/ml

(f)=RT Delta > 1/2 Window

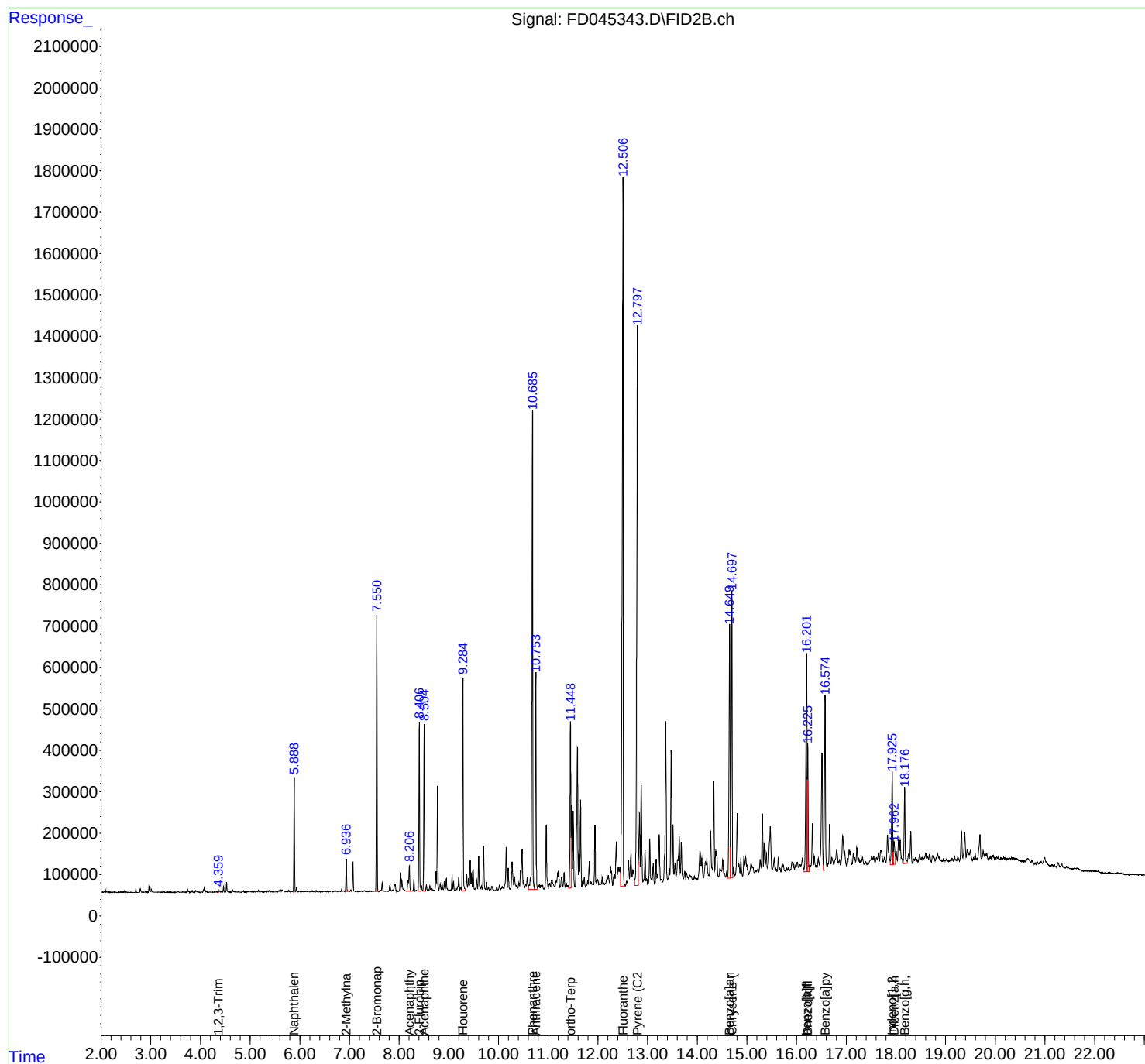
(m)=manual int.

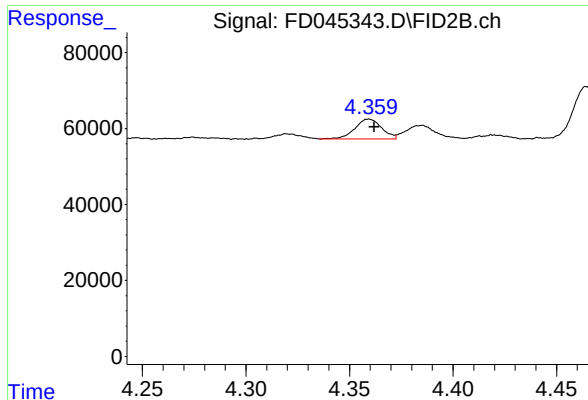
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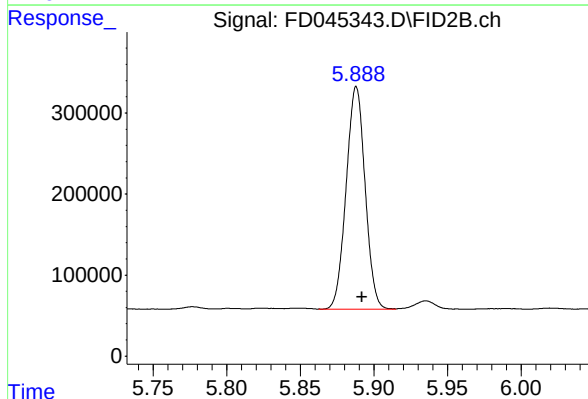




#1 1,2,3-Trimethylbenzene (C10.1)

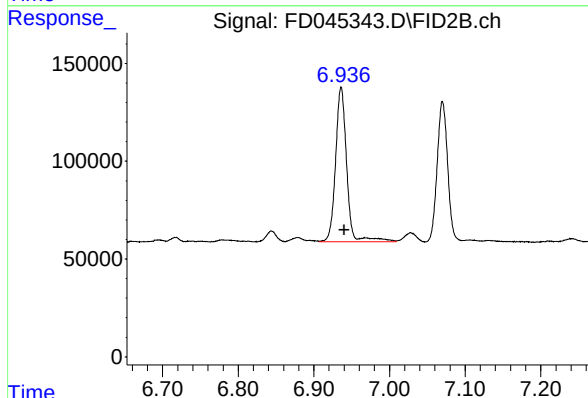
R.T.: 4.360 min
Delta R.T.: -0.002 min
Response: 47479
Conc: 0.31 ug/ml

Instrument :
FID_D
ClientSampleId :



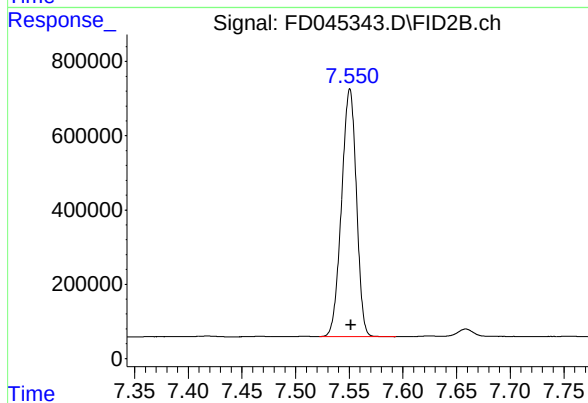
#2 Naphthalene (C11.7)

R.T.: 5.888 min
Delta R.T.: -0.004 min
Response: 2464872
Conc: 15.60 ug/ml



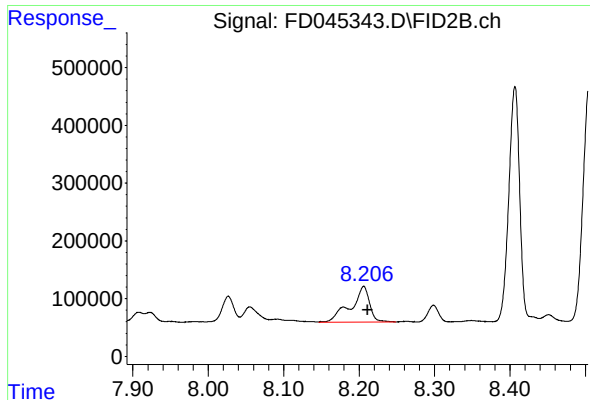
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.936 min
Delta R.T.: -0.004 min
Response: 808846
Conc: 5.09 ug/ml



#4 2-Bromonaphthalene (SURR)

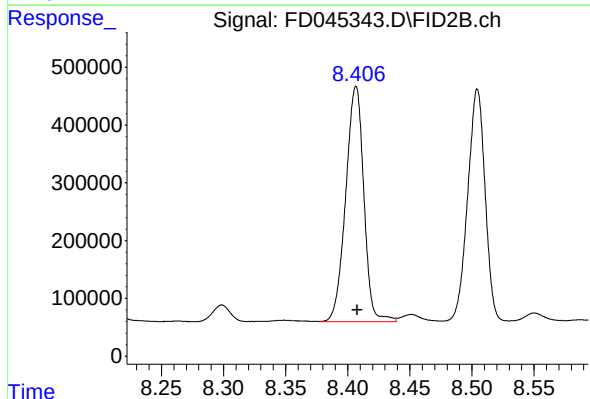
R.T.: 7.550 min
Delta R.T.: -0.001 min
Response: 6443249
Conc: 47.48 ug/ml



#5 Acenaphthylene (C15.06)

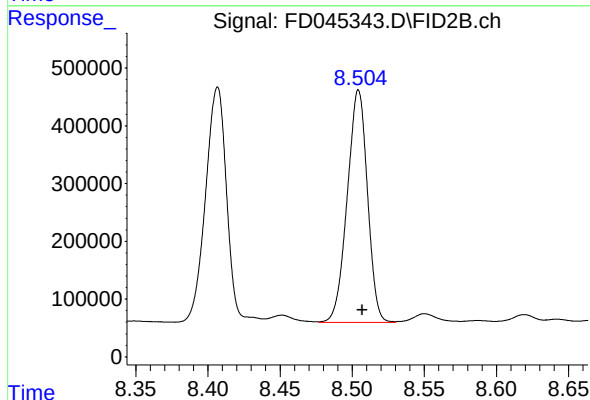
R.T.: 8.206 min
Delta R.T.: -0.006 min
Response: 1078157
Conc: 7.52 ug/ml

Instrument :
FID_D
ClientSampleId :



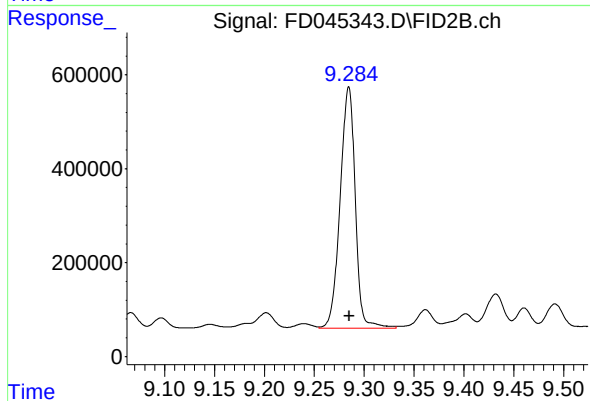
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.406 min
Delta R.T.: -0.001 min
Response: 4143374
Conc: 46.28 ug/ml



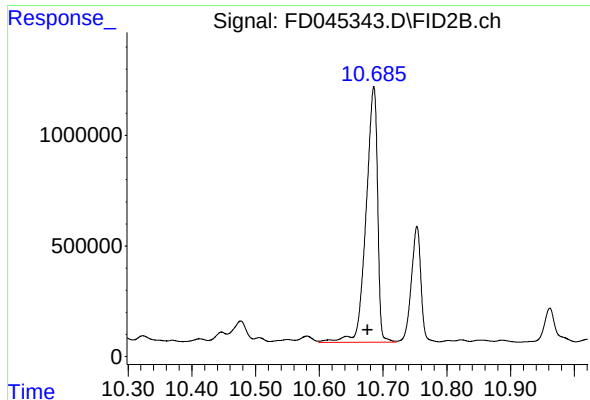
#7 Acenaphthene (C15.5)

R.T.: 8.504 min
Delta R.T.: -0.003 min
Response: 3931747
Conc: 25.94 ug/ml



#8 Flouorene (C16.55)

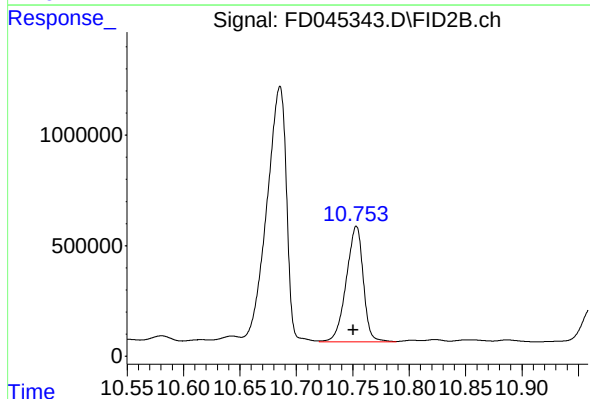
R.T.: 9.284 min
Delta R.T.: -0.001 min
Response: 5423846
Conc: 36.84 ug/ml



#9 Phenanthrene (C19.36)

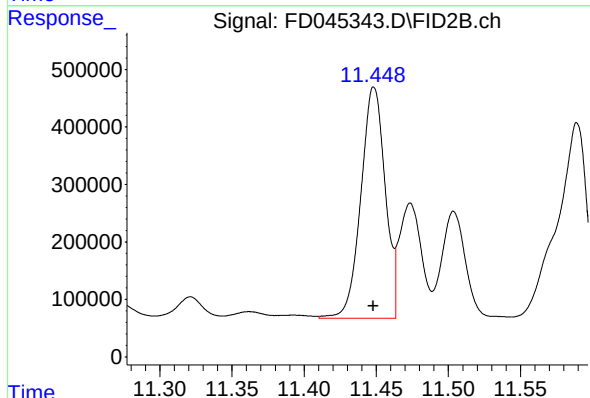
R.T.: 10.685 min
Delta R.T.: 0.009 min
Response: 14560006
Conc: 101.98 ug/ml

Instrument :
FID_D
ClientSampleId :



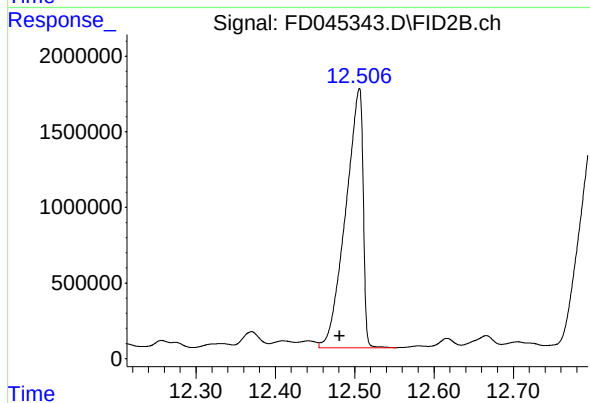
#10 Anthracene (C19.43)

R.T.: 10.753 min
Delta R.T.: 0.003 min
Response: 5518160
Conc: 39.38 ug/ml



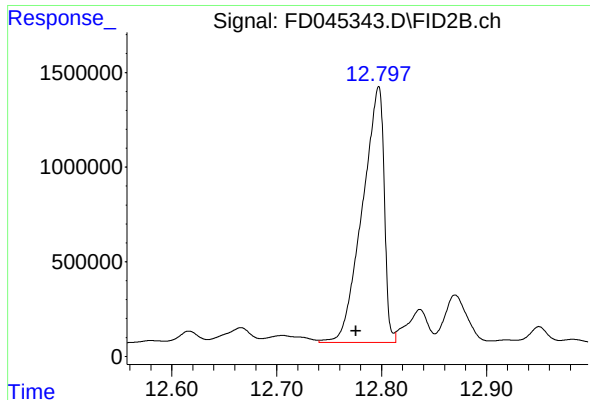
#11 ortho-Terphenyl (SURRE)

R.T.: 11.448 min
Delta R.T.: 0.000 min
Response: 4742229
Conc: 28.49 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.505 min
Delta R.T.: 0.024 min
Response: 26187275
Conc: 187.47 ug/ml



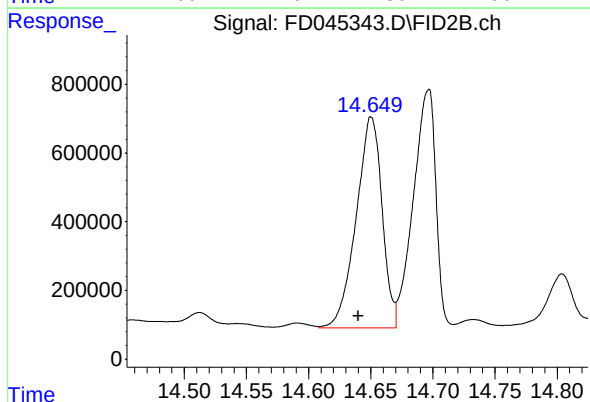
#13 Pyrene (C20.8)

R.T.: 12.796 min
Delta R.T.: 0.021 min
Response: 19527962
Conc: 143.40 ug/ml

Instrument :

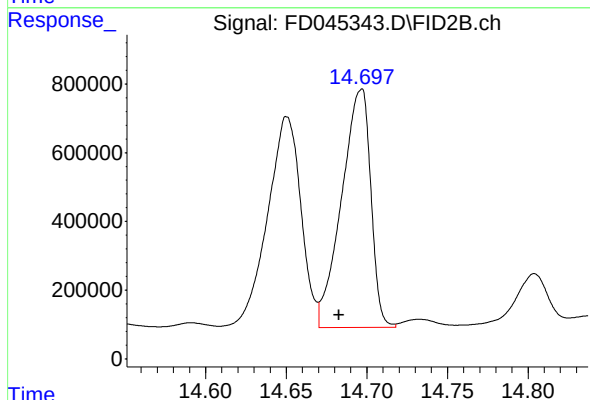
FID_D

ClientSampleId :



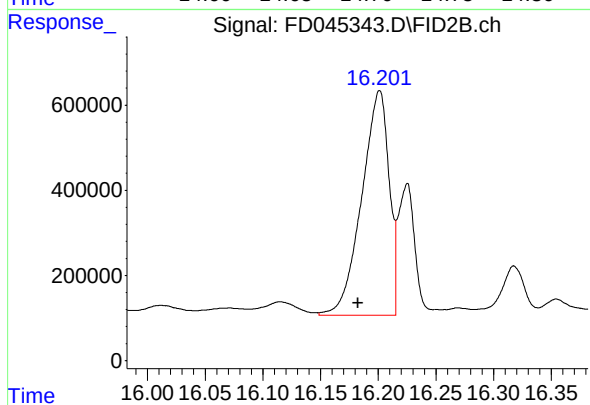
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.650 min
Delta R.T.: 0.010 min
Response: 8904907
Conc: 69.86 ug/ml



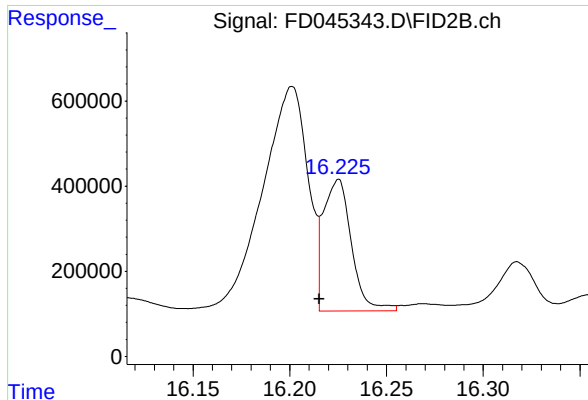
#15 Chrysene (C27.41)

R.T.: 14.696 min
Delta R.T.: 0.013 min
Response: 8756977
Conc: 67.19 ug/ml



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

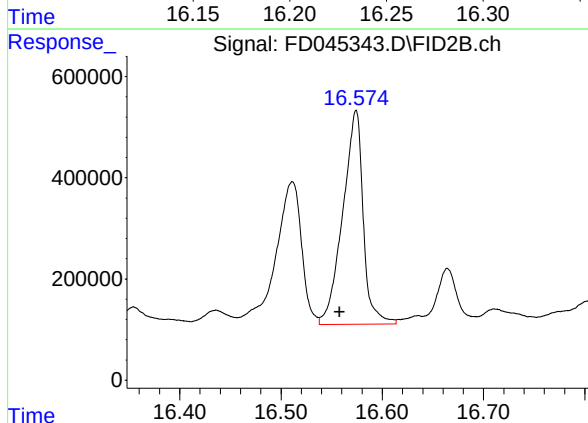
R.T.: 16.201 min
Delta R.T.: 0.018 min
Response: 8681138
Conc: 67.34 ug/ml



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

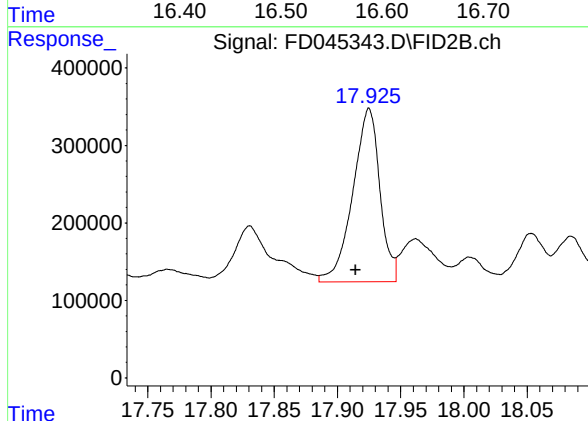
R.T.: 16.224 min
Delta R.T.: 0.009 min
Response: 3134011
Conc: 24.83 ug/ml

Instrument :
FID_D
ClientSampleId :



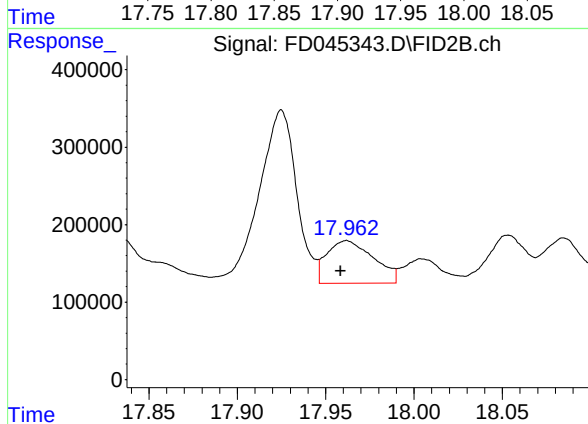
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.574 min
Delta R.T.: 0.016 min
Response: 5954372
Conc: 47.31 ug/ml



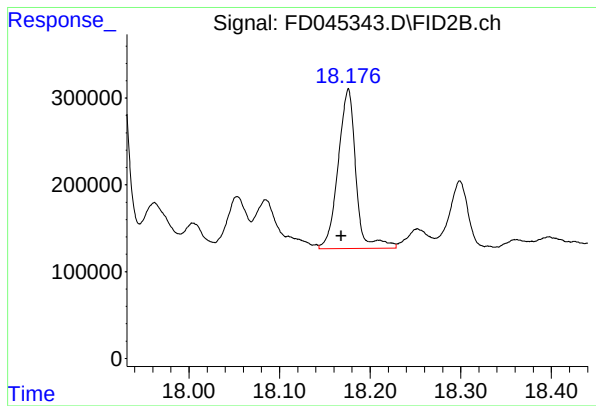
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.925 min
Delta R.T.: 0.010 min
Response: 3334351
Conc: 27.87 ug/ml



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

R.T.: 17.962 min
Delta R.T.: 0.003 min
Response: 1009853
Conc: 8.37 ug/ml



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

R.T.: 18.176 min
Delta R.T.: 0.007 min
Response: 2500173
Conc: 20.09 ug/ml

Instrument :
FID_D
ClientSampleId :