

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120122AR\
 Data File : FD044574.D
 Signal(s) : FID2B.ch
 Acq On : 02 Dec 2022 13:06
 Operator : YP/AJ
 Sample : N5806-03
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 03 01:44:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 2022
 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...	7.681	6928091	53.383 ug/ml
Spiked Amount 50.000		Recovery =	106.77%
6) S 2-Fluorobiphenyl (SURR)	8.538	4400246	49.823 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.65%
11) S ortho-Terphenyl (SURR)	11.567	6482841	39.834 ug/ml
Spiked Amount 50.000		Recovery =	79.67%
Target Compounds			
2) T Naphthalene (C11.7)	6.027	34864	0.232 ug/ml
7) T Acenaphthene (C15.5)	8.634	27026	0.184 ug/ml
8) T Fluorene (C16.55)	9.410	56390	0.391 ug/ml
9) T Phenanthrene (C19.36)	10.797	358353	2.513 ug/ml
10) T Anthracene (C19.43)	10.871	108333	0.780 ug/ml
12) T Fluoranthene (C21.85)	12.598	664592	4.662 ug/ml
13) T Pyrene (C20.8)	12.893	521085	3.744 ug/ml
14) T Benzo[a]anthracene (C...	14.752	290153	2.242 ug/ml
15) T Chrysene (C27.41)	14.792	298523	2.214 ug/ml
16) T benzo[b]fluoranthene ...	16.293	400754	3.045 ug/ml
17) T Bnezo[k]fluoranthene ...	16.320	141797	1.089 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.666	218689	1.692 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.020	168419	1.321 ug/ml
20) T Dibenz[a,h]anthracene...	18.067	233873	1.859 ug/ml
21) T Benzo[g,h,i]perylene ...	18.271	180511	1.403 ug/ml

(f)=RT Delta > 1/2 Window

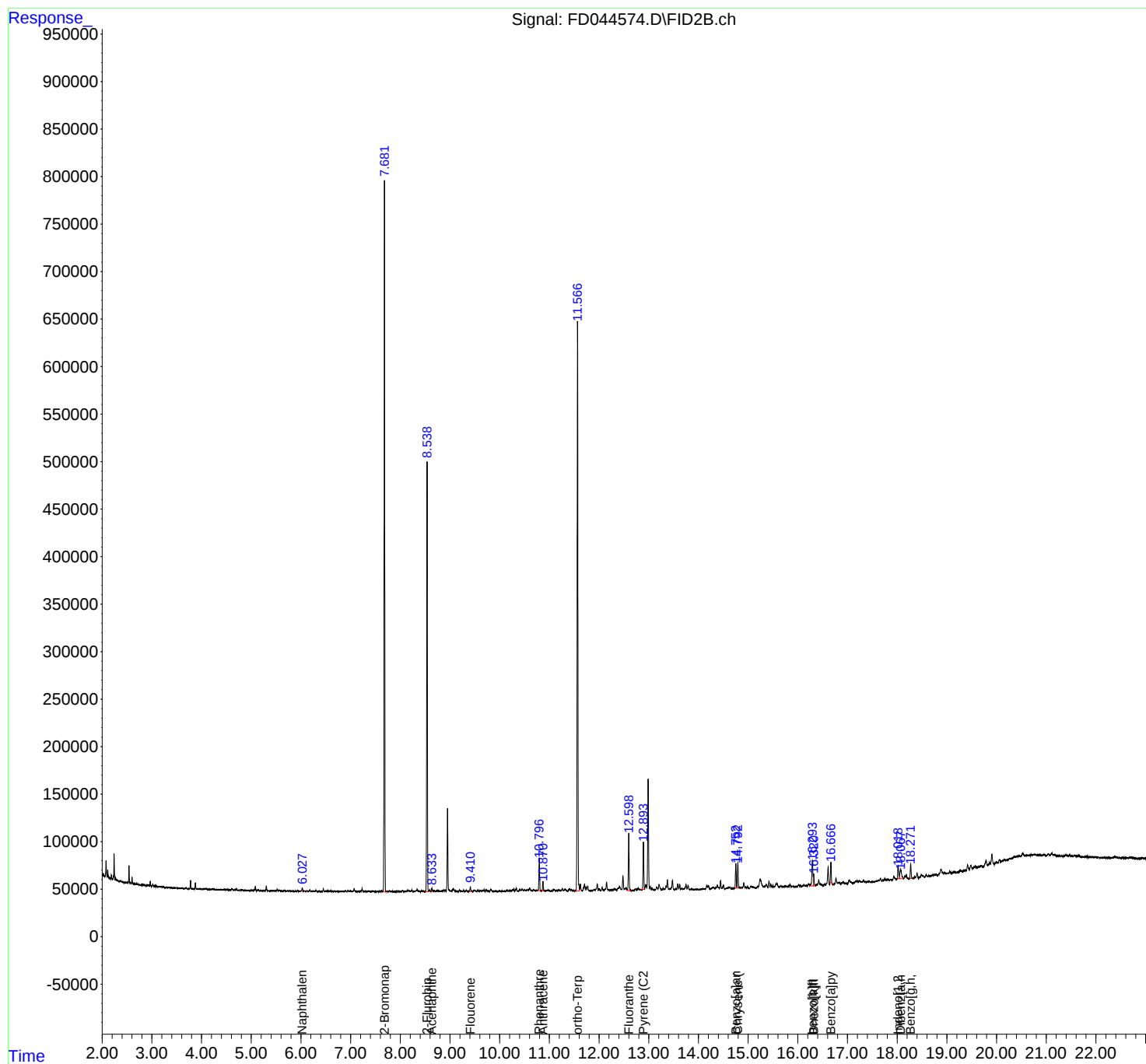
(m)=manual int.

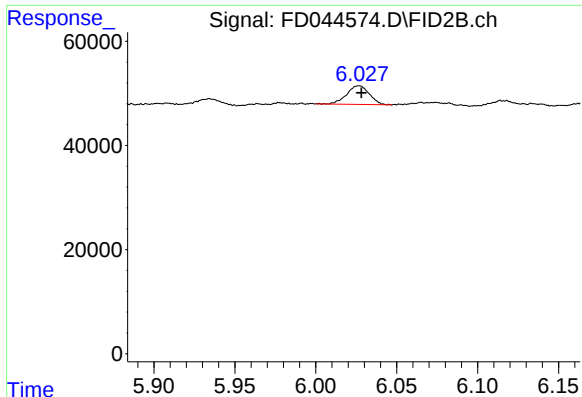
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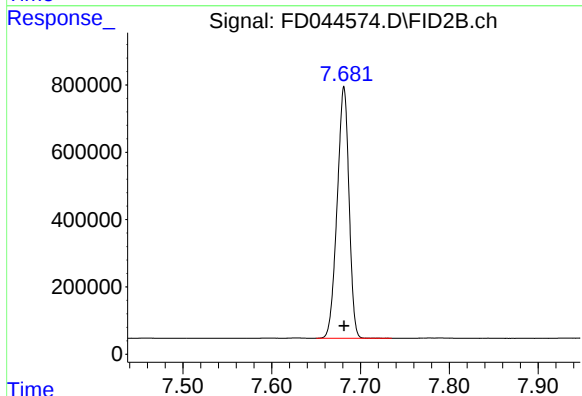




#2 Naphthalene (C11.7)

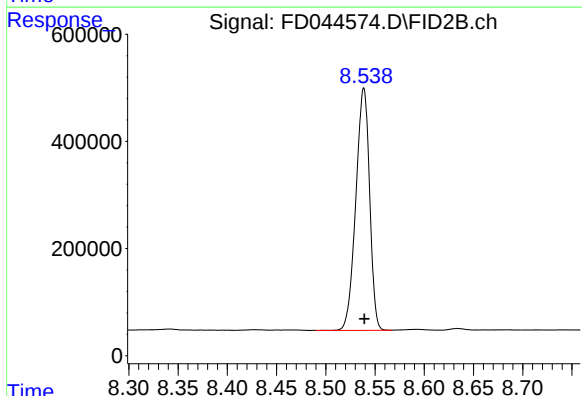
R.T.: 6.027 min
Delta R.T.: -0.002 min
Response: 34864
Conc: 0.23 ug/ml

Instrument :
FID_D
ClientSampleId :



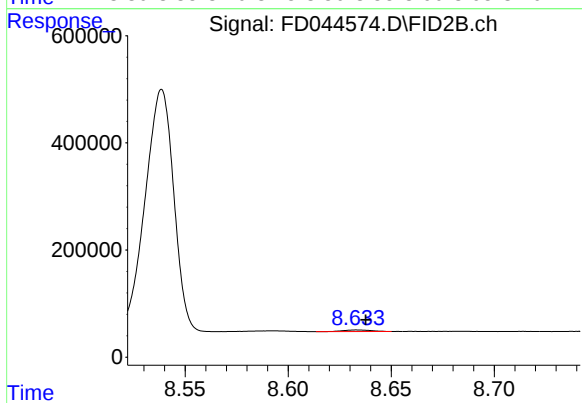
#4 2-Bromonaphthalene (SURR)

R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 6928091
Conc: 53.38 ug/ml



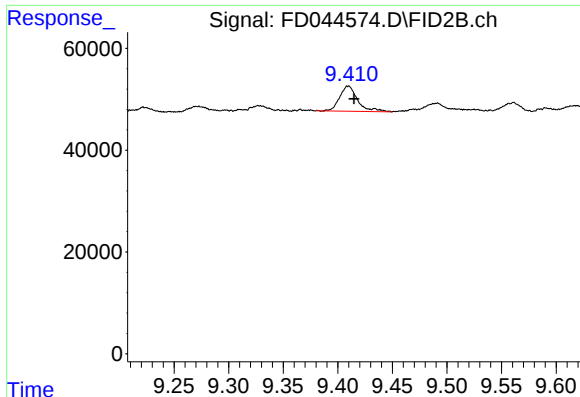
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.538 min
Delta R.T.: 0.000 min
Response: 4400246
Conc: 49.82 ug/ml



#7 Acenaphthene (C15.5)

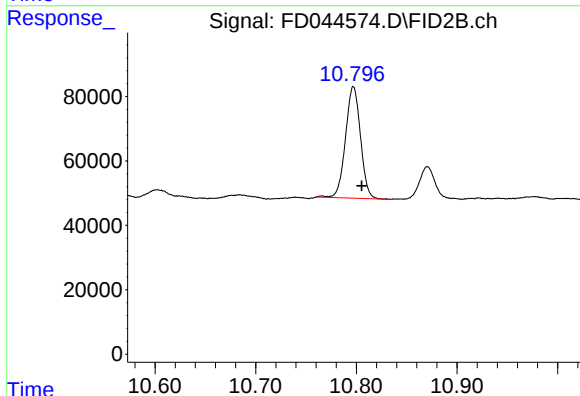
R.T.: 8.634 min
Delta R.T.: -0.004 min
Response: 27026
Conc: 0.18 ug/ml



#8 Flouorene (C16.55)

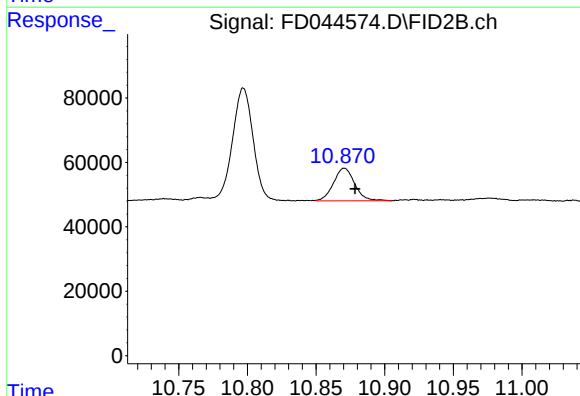
R.T.: 9.410 min
Delta R.T.: -0.005 min
Response: 56390
Conc: 0.39 ug/ml

Instrument :
FID_D
ClientSampleId :



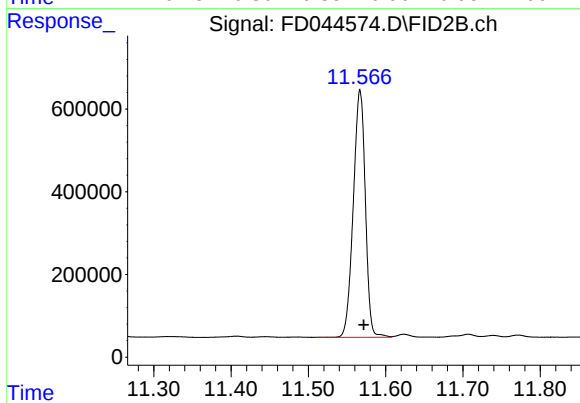
#9 Phenanthrene (C19.36)

R.T.: 10.797 min
Delta R.T.: -0.008 min
Response: 358353
Conc: 2.51 ug/ml



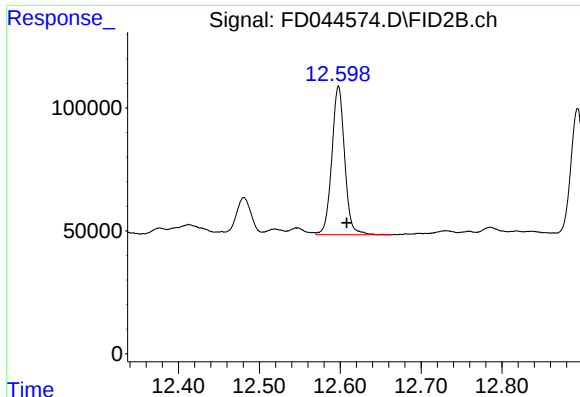
#10 Anthracene (C19.43)

R.T.: 10.871 min
Delta R.T.: -0.008 min
Response: 108333
Conc: 0.78 ug/ml



#11 ortho-Terphenyl (SURR)

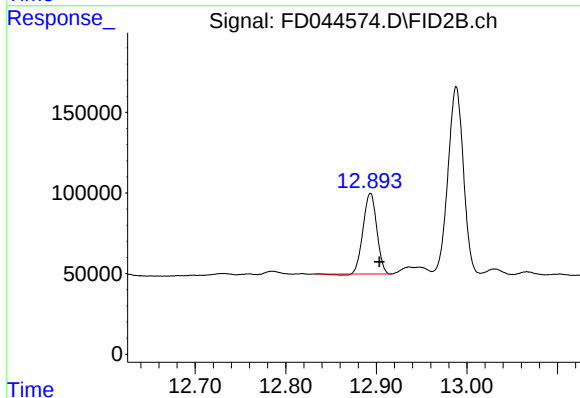
R.T.: 11.567 min
Delta R.T.: -0.005 min
Response: 6482841
Conc: 39.83 ug/ml



#12 Fluoranthene (C21.85)

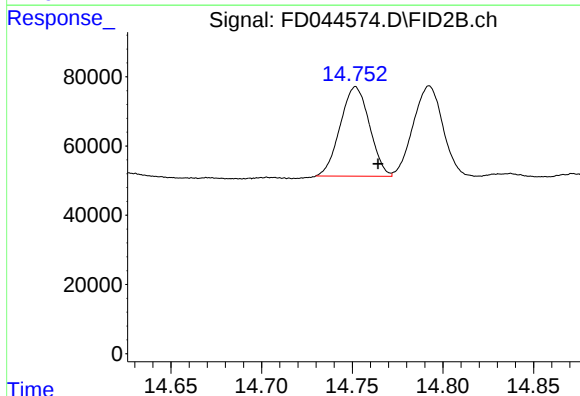
R.T.: 12.598 min
Delta R.T.: -0.010 min
Response: 664592
Conc: 4.66 ug/ml

Instrument :
FID_D
ClientSampleId :



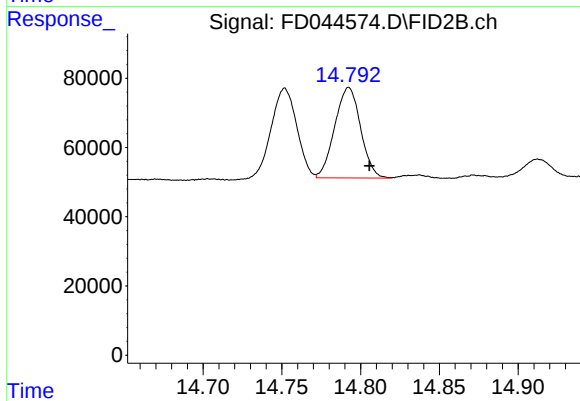
#13 Pyrene (C20.8)

R.T.: 12.893 min
Delta R.T.: -0.010 min
Response: 521085
Conc: 3.74 ug/ml



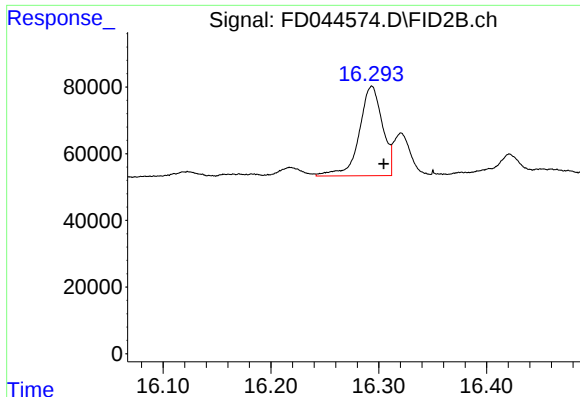
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.752 min
Delta R.T.: -0.012 min
Response: 290153
Conc: 2.24 ug/ml



#15 Chrysene (C27.41)

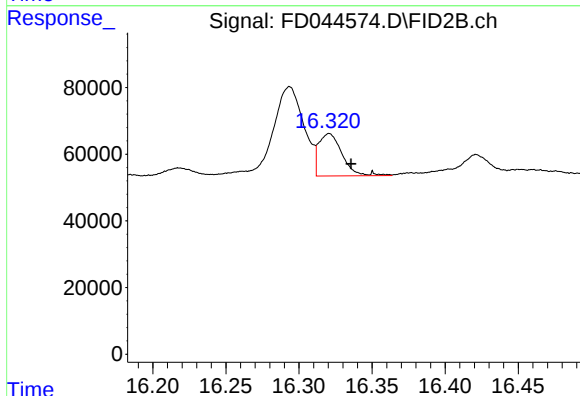
R.T.: 14.792 min
Delta R.T.: -0.013 min
Response: 298523
Conc: 2.21 ug/ml



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

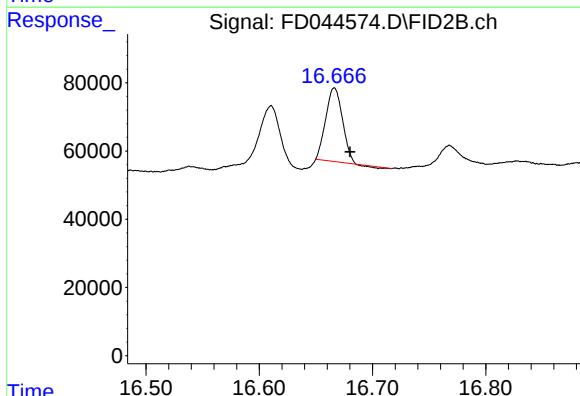
R.T.: 16.293 min
Delta R.T.: -0.011 min
Response: 400754
Conc: 3.04 ug/ml

Instrument :
FID_D
ClientSampleId :



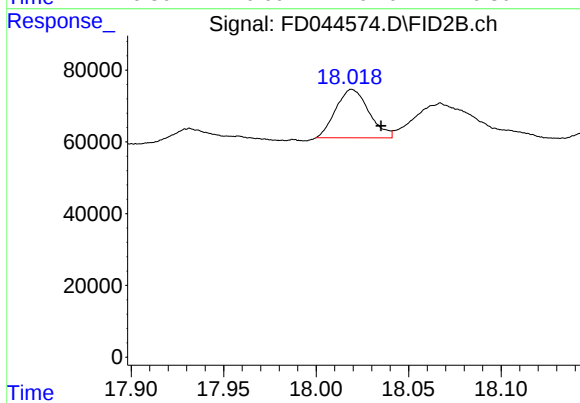
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.320 min
Delta R.T.: -0.015 min
Response: 141797
Conc: 1.09 ug/ml



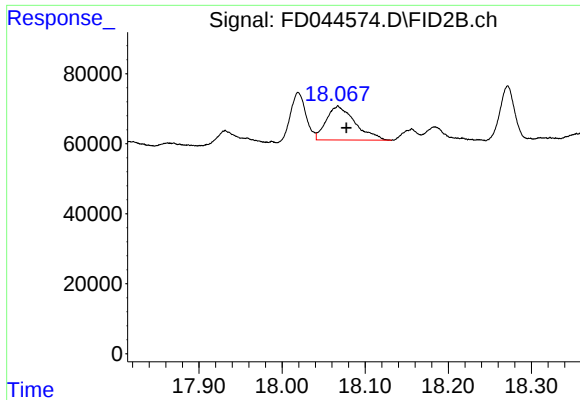
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.666 min
Delta R.T.: -0.014 min
Response: 218689
Conc: 1.69 ug/ml



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

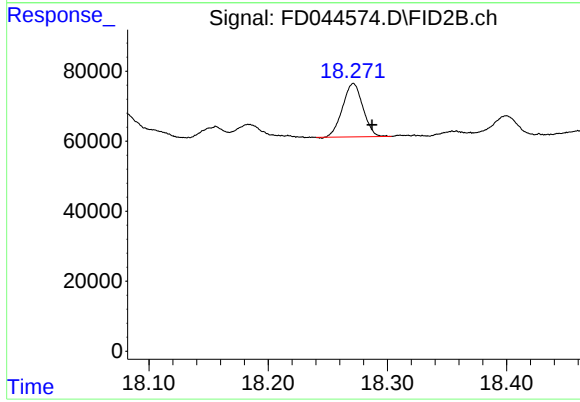
R.T.: 18.020 min
Delta R.T.: -0.015 min
Response: 168419
Conc: 1.32 ug/ml



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

R.T.: 18.067 min
Delta R.T.: -0.010 min
Response: 233873
Conc: 1.86 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.271 min
Delta R.T.: -0.016 min
Response: 180511
Conc: 1.40 ug/ml