

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122322AR\
 Data File : FD044703.D
 Signal(s) : FID2B.ch
 Acq On : 24 Dec 2022 04:14
 Operator : YP/AJ
 Sample : N6160-06
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 25 14:29:17 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...	7.664	4032973	31.075 ug/ml
Spiked Amount 50.000		Recovery =	62.15%
6) S 2-Fluorobiphenyl (SURR)	8.521	3810965	43.151 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.30%
11) S ortho-Terphenyl (SURR)	11.550	4489371	27.585 ug/ml
Spiked Amount 50.000		Recovery =	55.17%
Target Compounds			
7) T Acenaphthene (C15.5)	8.617	64907	0.442 ug/ml
8) T Flouorene (C16.55)	9.393	56199	0.390 ug/ml
9) T Phenanthrene (C19.36)	10.781	558583	3.917 ug/ml
10) T Anthracene (C19.43)	10.854	193345	1.392 ug/ml
12) T Fluoranthene (C21.85)	12.582	1136642	7.973 ug/ml
13) T Pyrene (C20.8)	12.878	1227786	8.822 ug/ml
14) T Benzo[a]anthracene (C...	14.778	495779	3.832 ug/ml
15) T Chrysene (C27.41)	14.778	495779	3.677 ug/ml
16) T benzo[b]fluoranthene ...	16.280	1000366	7.600 ug/ml
17) T Bnezo[k]fluoranthene ...	16.280	1000366	7.682 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.654	514366	3.980 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.009	363147	2.849 ug/ml
20) T Dibenz[a,h]anthracene...	18.065	156811	1.246 ug/ml
21) T Benzo[g,h,i]perylene ...	18.261	305966	2.379 ug/ml

(f)=RT Delta > 1/2 Window

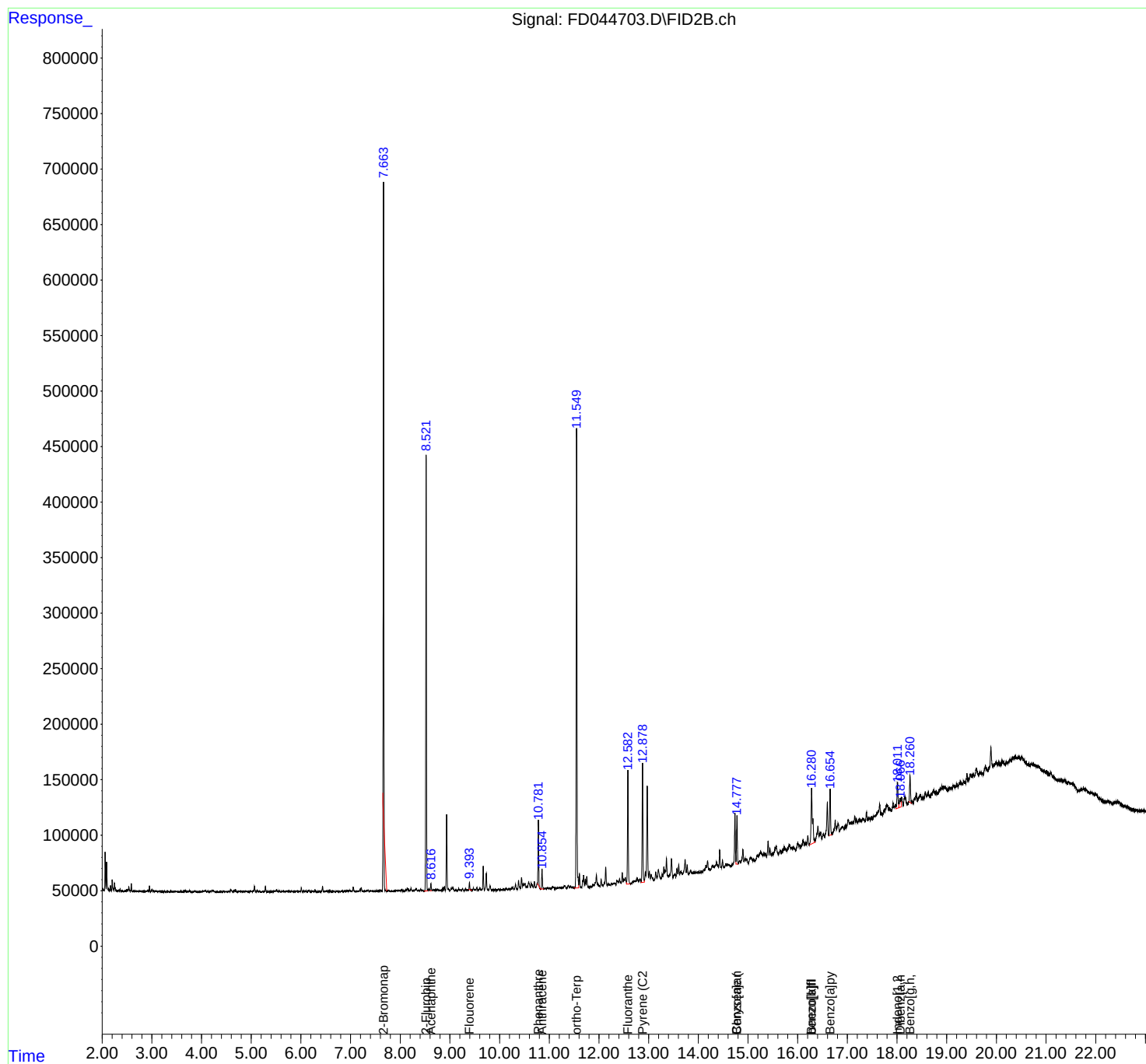
(m)=manual int.

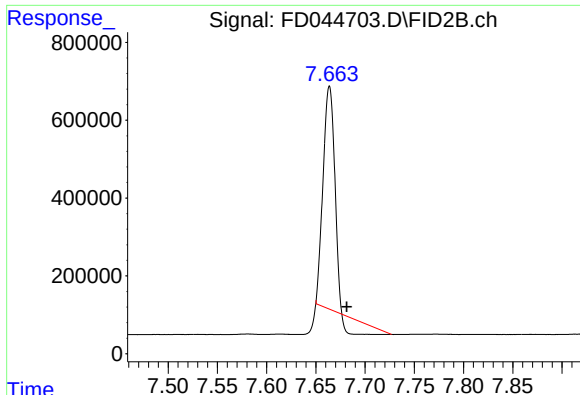
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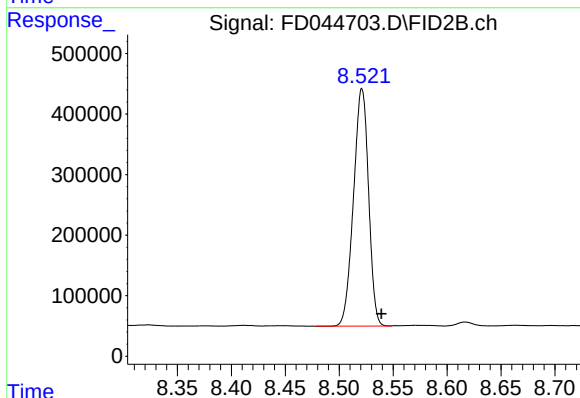




#4 2-Bromonaphthalene (SURRE)

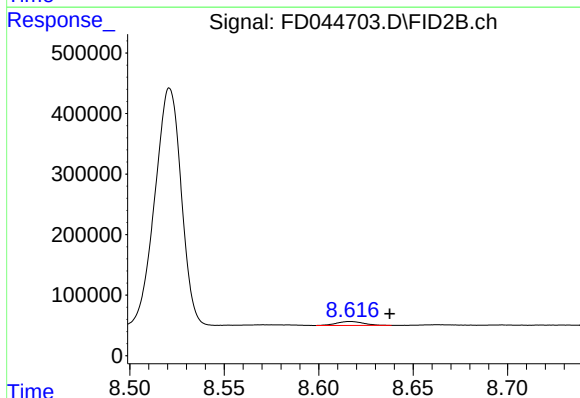
R.T.: 7.664 min
Delta R.T.: -0.018 min
Response: 4032973
Conc: 31.08 ug/ml

Instrument :
FID_D
ClientSampleId :



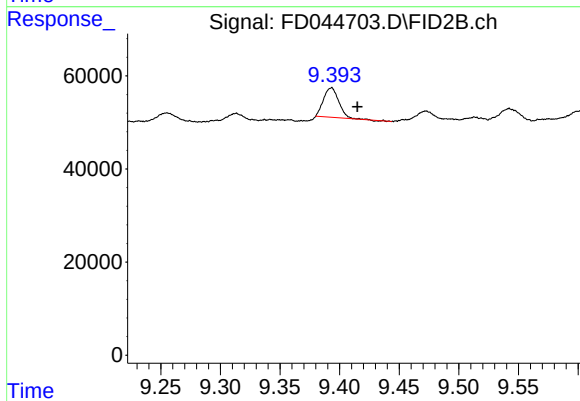
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.521 min
Delta R.T.: -0.018 min
Response: 3810965
Conc: 43.15 ug/ml



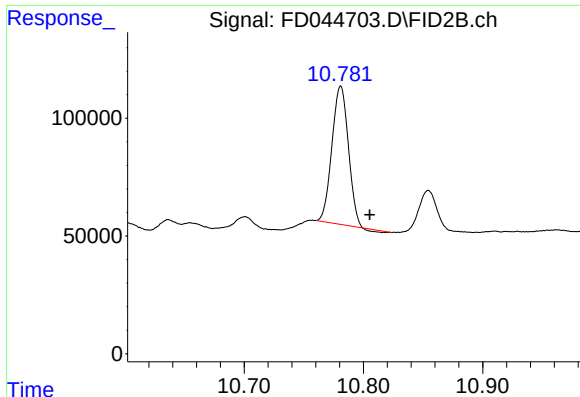
#7 Acenaphthene (C15.5)

R.T.: 8.617 min
Delta R.T.: -0.021 min
Response: 64907
Conc: 0.44 ug/ml



#8 Fluorene (C16.55)

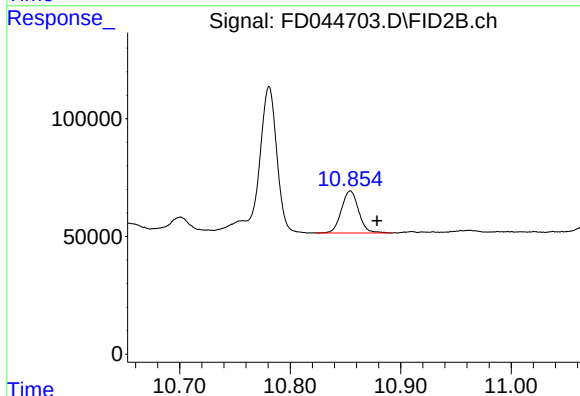
R.T.: 9.393 min
Delta R.T.: -0.022 min
Response: 56199
Conc: 0.39 ug/ml



#9 Phenanthrene (C19.36)

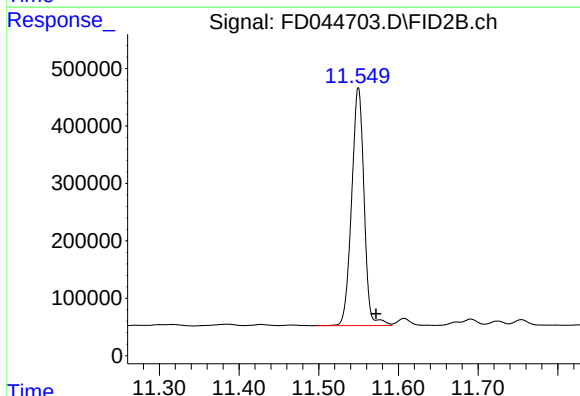
R.T.: 10.781 min
Delta R.T.: -0.025 min
Response: 558583
Conc: 3.92 ug/ml

Instrument :
FID_D
ClientSampleId :



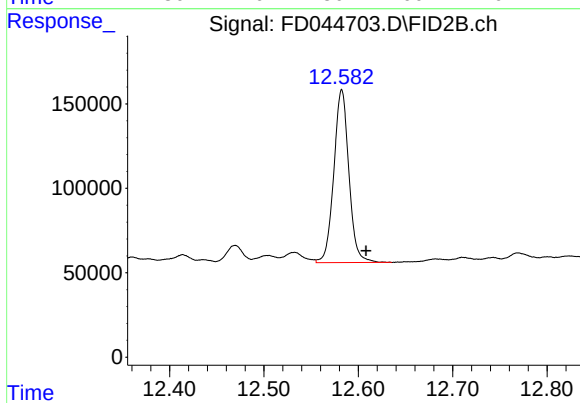
#10 Anthracene (C19.43)

R.T.: 10.854 min
Delta R.T.: -0.024 min
Response: 193345
Conc: 1.39 ug/ml



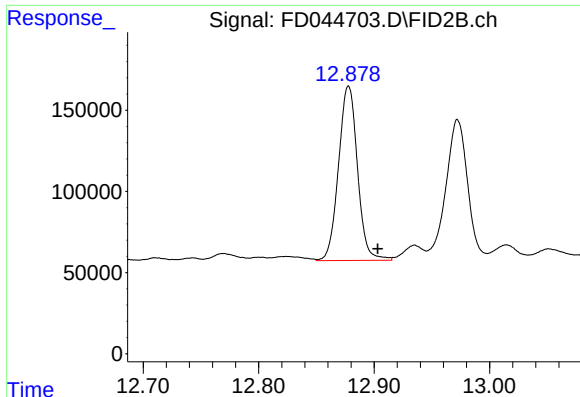
#11 ortho-Terphenyl (SURR)

R.T.: 11.550 min
Delta R.T.: -0.022 min
Response: 4489371
Conc: 27.59 ug/ml



#12 Fluoranthene (C21.85)

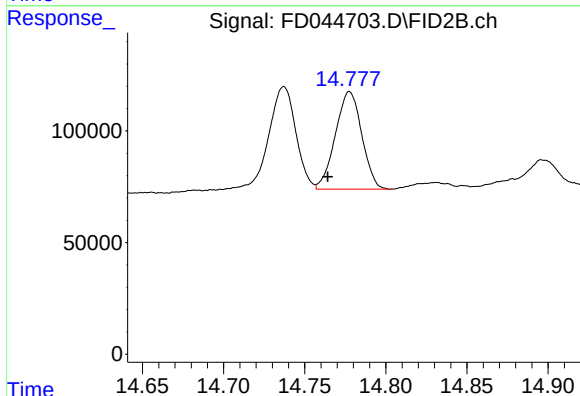
R.T.: 12.582 min
Delta R.T.: -0.026 min
Response: 1136642
Conc: 7.97 ug/ml



#13 Pyrene (C20.8)

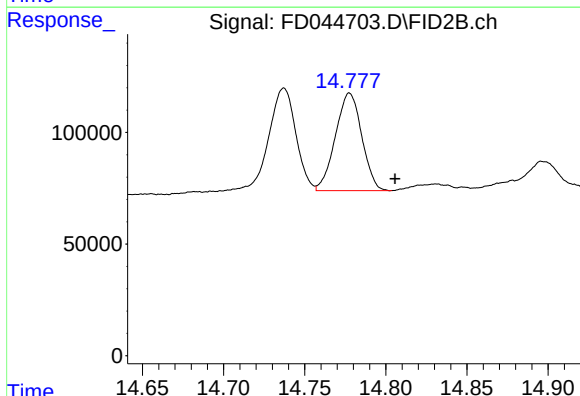
R.T.: 12.878 min
Delta R.T.: -0.025 min
Response: 1227786
Conc: 8.82 ug/ml

Instrument :
FID_D
ClientSampleId :



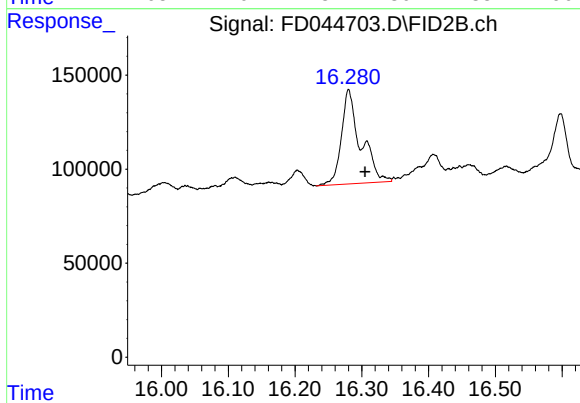
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.778 min
Delta R.T.: 0.013 min
Response: 495779
Conc: 3.83 ug/ml



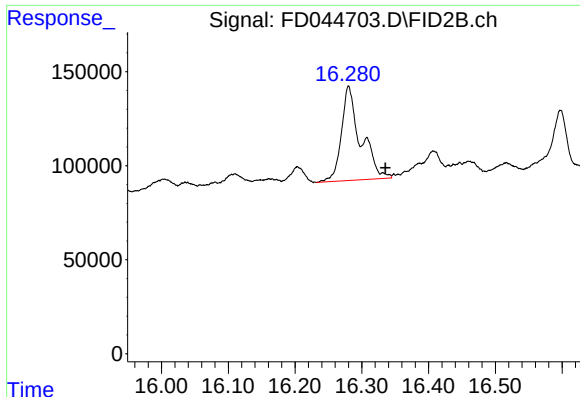
#15 Chrysene (C27.41)

R.T.: 14.778 min
Delta R.T.: -0.028 min
Response: 495779
Conc: 3.68 ug/ml



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

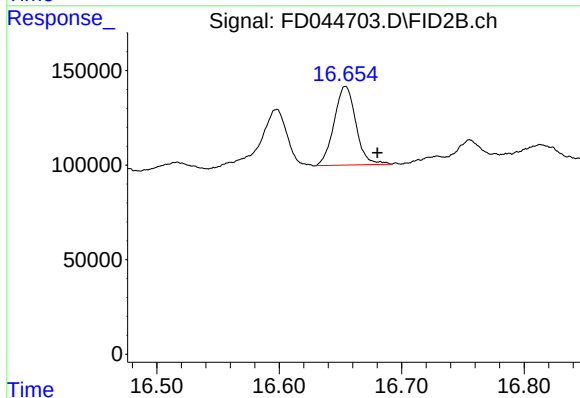
R.T.: 16.280 min
Delta R.T.: -0.024 min
Response: 1000366
Conc: 7.60 ug/ml



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

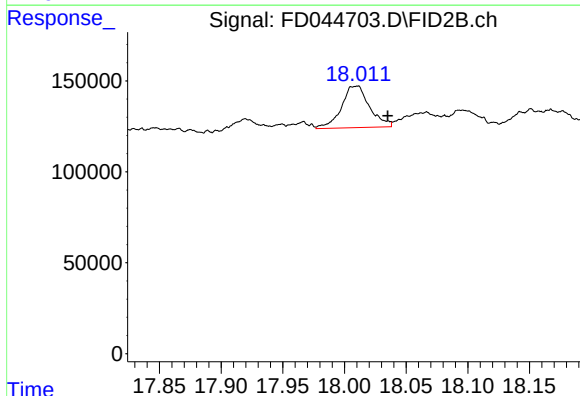
R.T.: 16.280 min
Delta R.T.: -0.055 min
Response: 1000366
Conc: 7.68 ug/ml

Instrument :
FID_D
ClientSampleId :



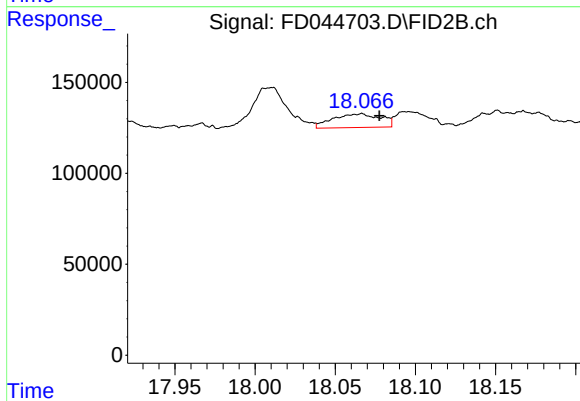
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.654 min
Delta R.T.: -0.026 min
Response: 514366
Conc: 3.98 ug/ml



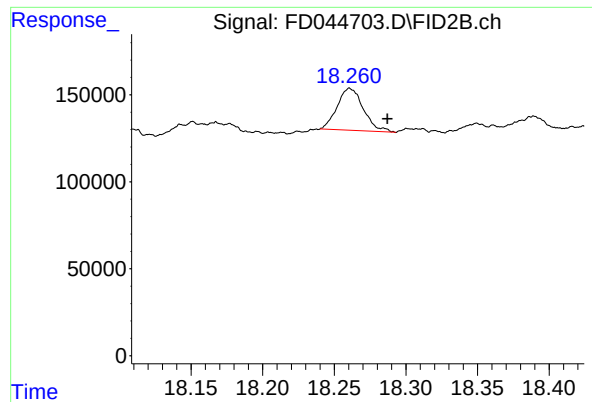
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.009 min
Delta R.T.: -0.026 min
Response: 363147
Conc: 2.85 ug/ml



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

R.T.: 18.065 min
Delta R.T.: -0.012 min
Response: 156811
Conc: 1.25 ug/ml



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

R.T.: 18.261 min
Delta R.T.: -0.026 min
Response: 305966
Conc: 2.38 ug/ml

Instrument :

FID_D

ClientSampleId :