

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011223AR\
 Data File : FD044777.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jan 2023 02:15
 Operator : YP/AJ
 Sample : 01100-01
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 13 04:50:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 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	6665282	46.221 ug/ml
Spiked Amount 50.000		Recovery =	92.44%
6) S 2-Fluorobiphenyl (SURR)	8.521	4380898	45.131 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.26%
11) S ortho-Terphenyl (SURR)	11.548	5268458	29.242 ug/ml
Spiked Amount 50.000		Recovery =	58.48%
Target Compounds			
2) T Naphthalene (C11.7)	6.011	51037	0.304 ug/ml
5) T Acenaphthylene (C15.06)	8.325	54928	0.362 ug/ml
9) T Phenanthrene (C19.36)	10.780	344001	2.192 ug/ml
10) T Anthracene (C19.43)	10.853	92809	0.738 ug/ml
12) T Fluoranthene (C21.85)	12.579	757590	4.824 ug/ml
13) T Pyrene (C20.8)	12.875	592073	3.868 ug/ml
14) T Benzo[a]anthracene (C...	14.732	400796	2.819 ug/ml
15) T Chrysene (C27.41)	14.774	413805	2.729 ug/ml
16) T benzo[b]fluoranthene ...	16.275	614584	4.086 ug/ml
17) T Bnezo[k]fluoranthene ...	16.303	220080	1.453 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.648	438704	3.024 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.002	374078	2.645 ug/ml
20) T Dibenz[a,h]anthracene...	18.044	328737	2.243 ug/ml
21) T Benzo[g,h,i]perylene ...	18.252	354984	2.499 ug/ml

(f)=RT Delta > 1/2 Window

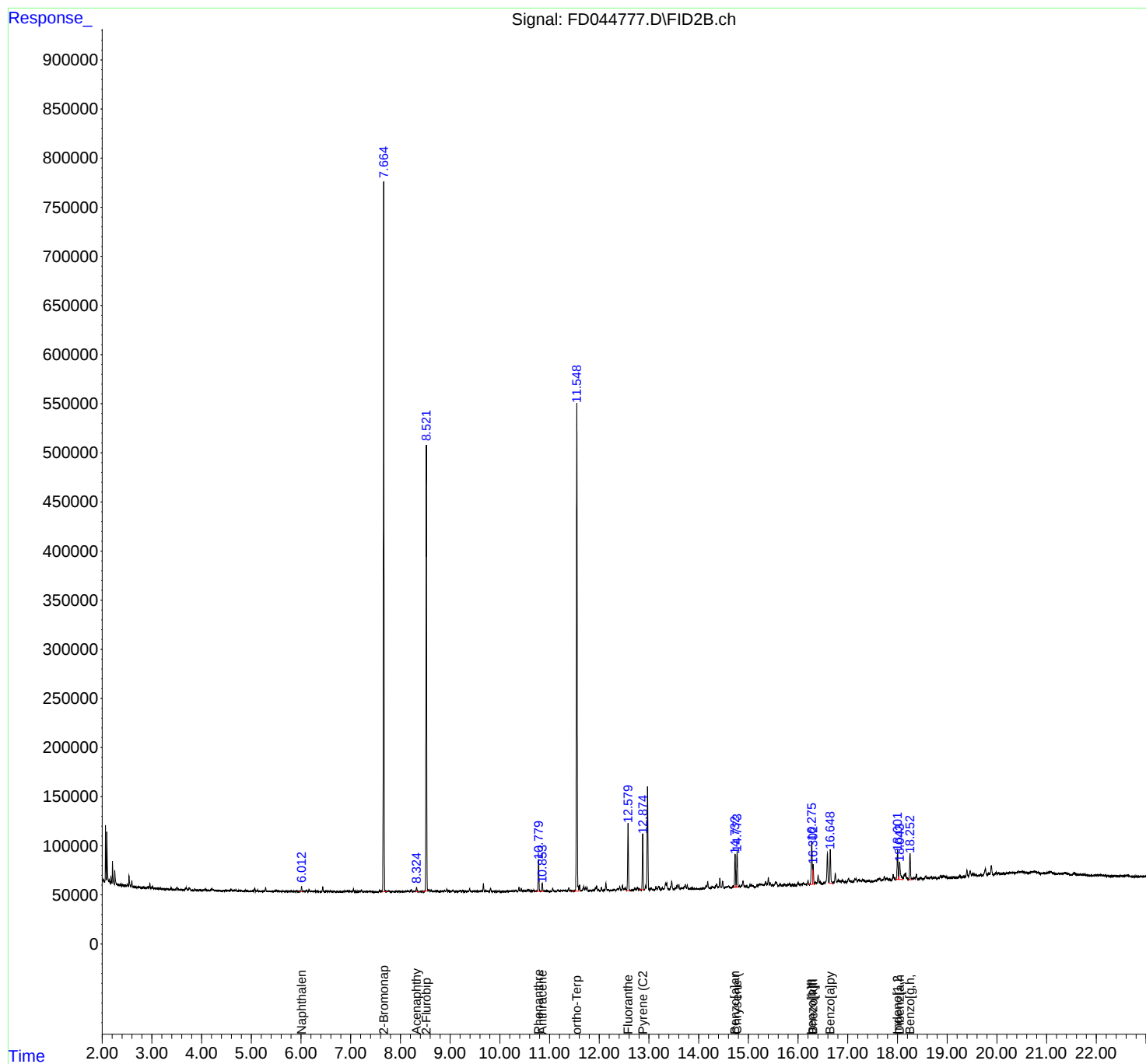
(m)=manual int.

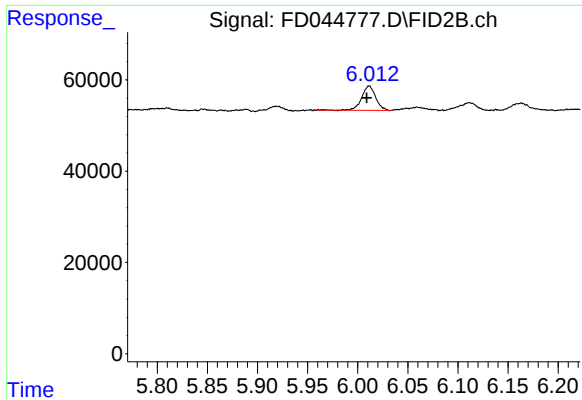
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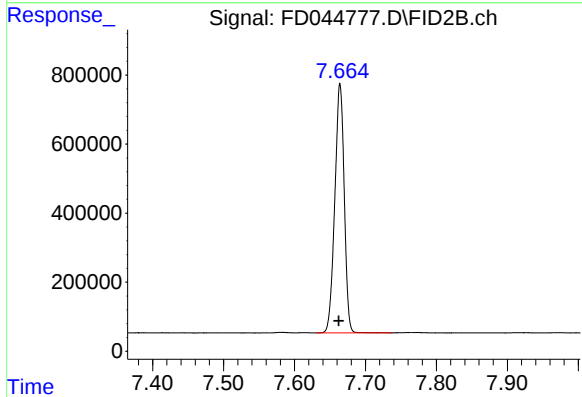




#2 Naphthalene (C11.7)

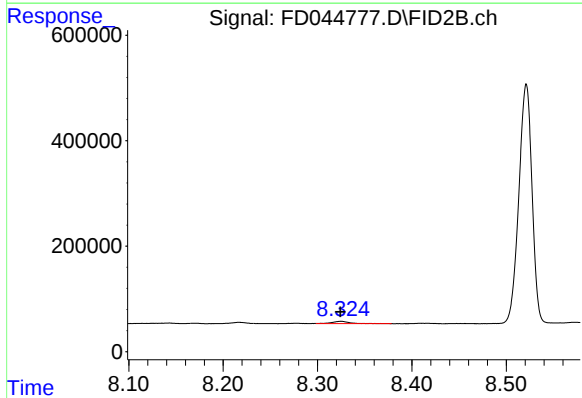
R.T.: 6.011 min
Delta R.T.: 0.003 min
Response: 51037
Conc: 0.30 ug/ml

Instrument :
FID_D
ClientSampleId :



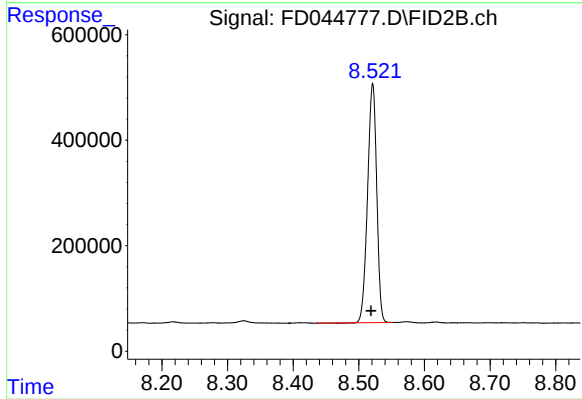
#4 2-Bromonaphthalene (SURR)

R.T.: 7.664 min
Delta R.T.: 0.002 min
Response: 6665282
Conc: 46.22 ug/ml



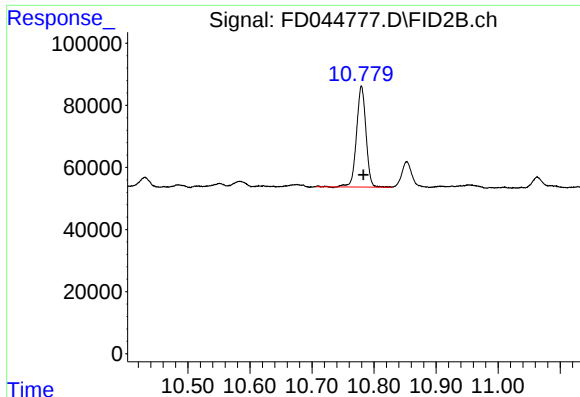
#5 Acenaphthylene (C15.06)

R.T.: 8.325 min
Delta R.T.: 0.000 min
Response: 54928
Conc: 0.36 ug/ml



#6 2-Fluorobiphenyl (SURR)

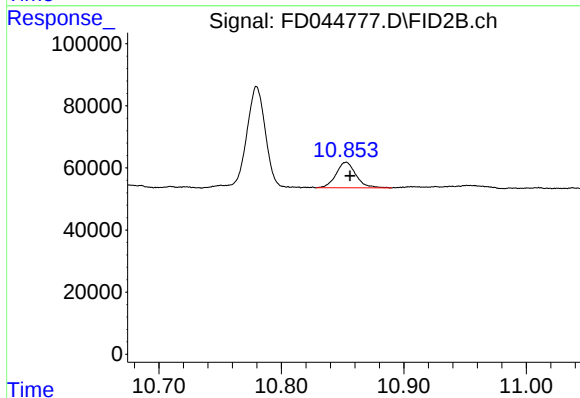
R.T.: 8.521 min
Delta R.T.: 0.002 min
Response: 4380898
Conc: 45.13 ug/ml



#9 Phenanthrene (C19.36)

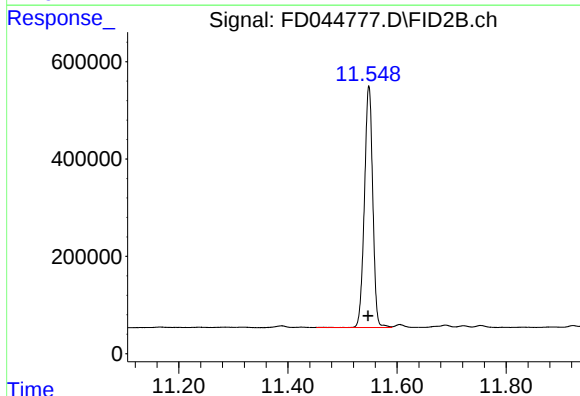
R.T.: 10.780 min
Delta R.T.: -0.003 min
Response: 344001
Conc: 2.19 ug/ml

Instrument :
FID_D
ClientSampleId :



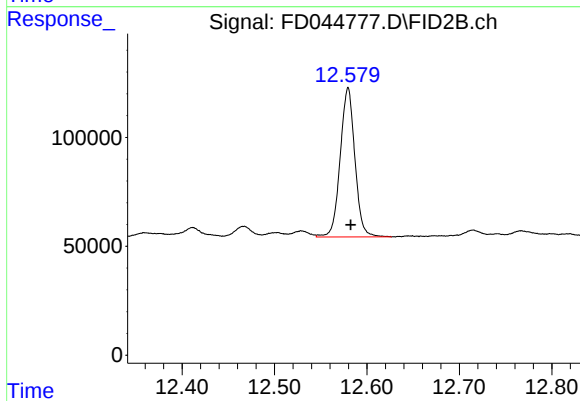
#10 Anthracene (C19.43)

R.T.: 10.853 min
Delta R.T.: -0.003 min
Response: 92809
Conc: 0.74 ug/ml



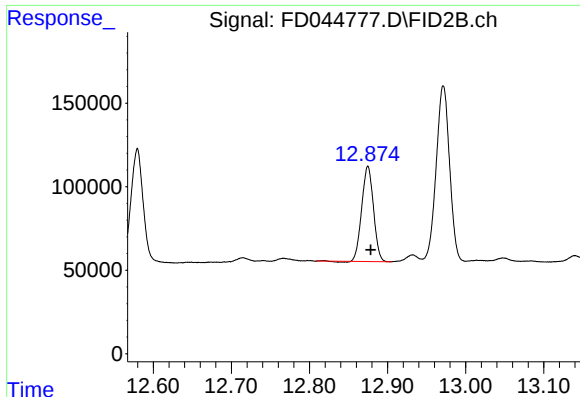
#11 ortho-Terphenyl (SURR)

R.T.: 11.548 min
Delta R.T.: 0.001 min
Response: 5268458
Conc: 29.24 ug/ml



#12 Fluoranthene (C21.85)

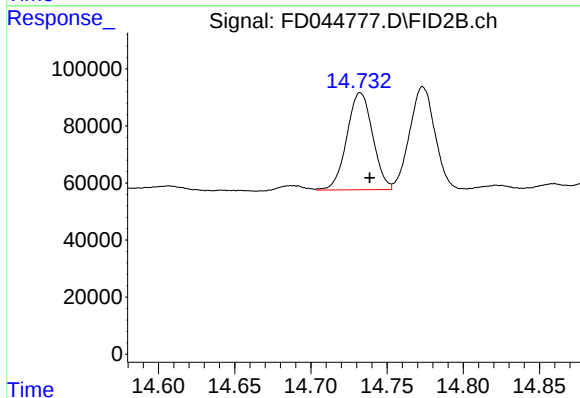
R.T.: 12.579 min
Delta R.T.: -0.003 min
Response: 757590
Conc: 4.82 ug/ml



#13 Pyrene (C20.8)

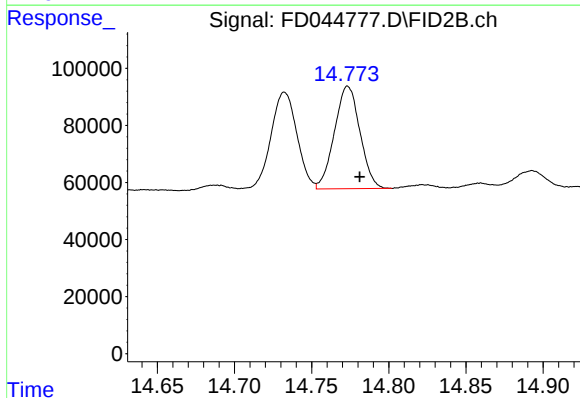
R.T.: 12.875 min
Delta R.T.: -0.004 min
Response: 592073
Conc: 3.87 ug/ml

Instrument :
FID_D
ClientSampleId :



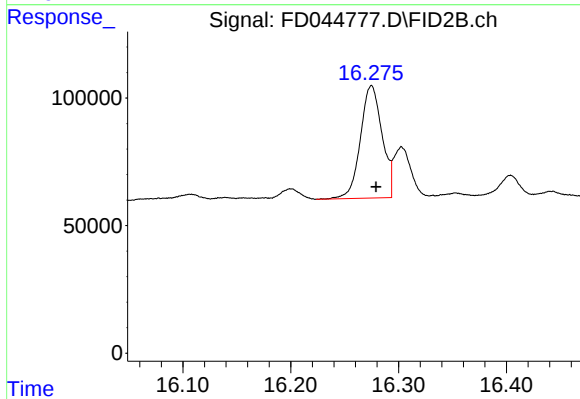
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.732 min
Delta R.T.: -0.006 min
Response: 400796
Conc: 2.82 ug/ml



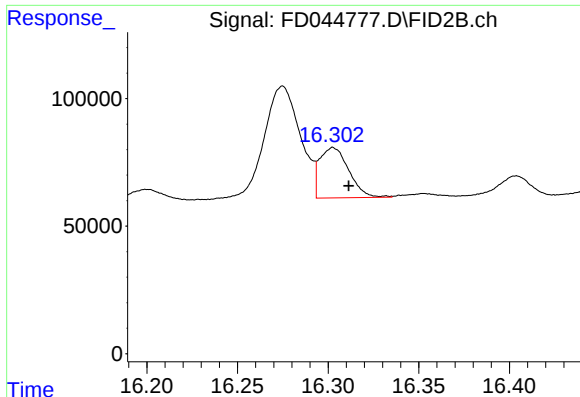
#15 Chrysene (C27.41)

R.T.: 14.774 min
Delta R.T.: -0.008 min
Response: 413805
Conc: 2.73 ug/ml



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

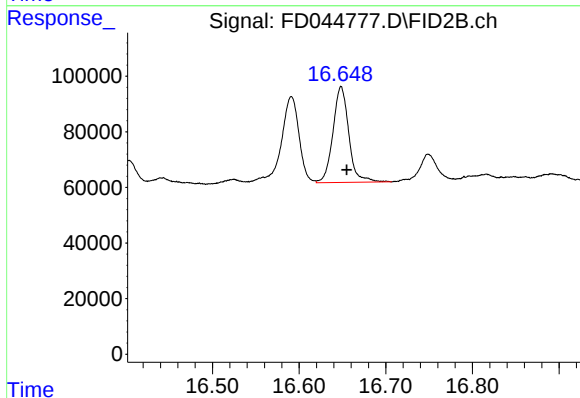
R.T.: 16.275 min
Delta R.T.: -0.004 min
Response: 614584
Conc: 4.09 ug/ml



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

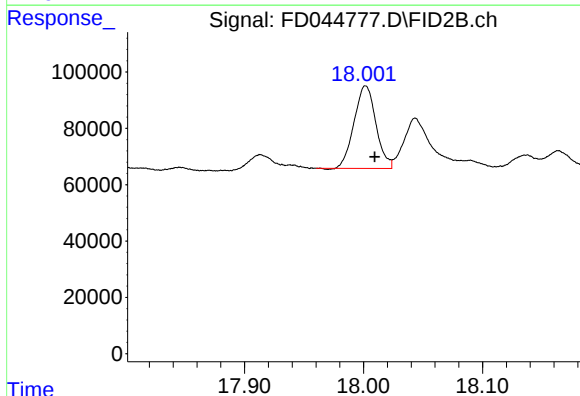
R.T.: 16.303 min
Delta R.T.: -0.009 min
Response: 220080
Conc: 1.45 ug/ml

Instrument :
FID_D
ClientSampleId :



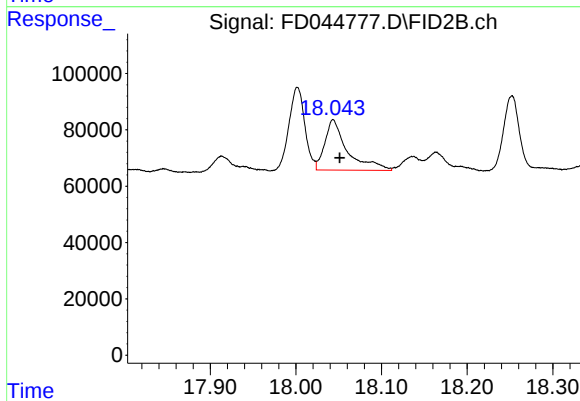
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.648 min
Delta R.T.: -0.006 min
Response: 438704
Conc: 3.02 ug/ml



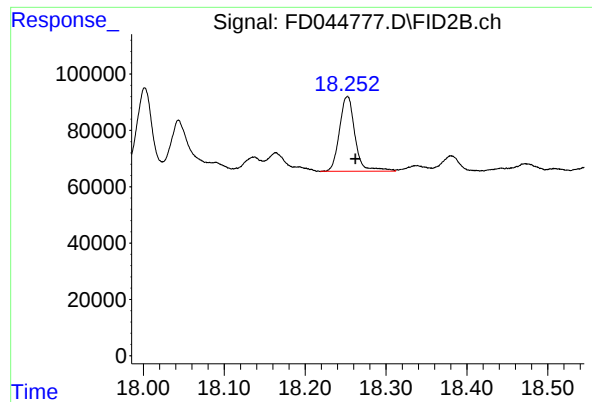
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.002 min
Delta R.T.: -0.008 min
Response: 374078
Conc: 2.65 ug/ml



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

R.T.: 18.044 min
Delta R.T.: -0.007 min
Response: 328737
Conc: 2.24 ug/ml



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

R.T.: 18.252 min
Delta R.T.: -0.010 min
Response: 354984
Conc: 2.50 ug/ml

Instrument :
FID_D
ClientSampleId :