

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120122AR\
 Data File : FD044579.D
 Signal(s) : FID2B.ch
 Acq On : 02 Dec 2022 17:17
 Operator : YP/AJ
 Sample : N5806-10
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 03 01:45:21 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...	7.680	6775341	52.206 ug/ml
Spiked Amount 50.000		Recovery =	104.41%
6) S 2-Fluorobiphenyl (SURR)	8.538	4518782	51.166 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.33%
11) S ortho-Terphenyl (SURR)	11.568	5980164	36.746 ug/ml
Spiked Amount 50.000		Recovery =	73.49%
Target Compounds			
2) T Naphthalene (C11.7)	6.027	36315	0.242 ug/ml
3) T 2-Methylnaphthalene (...)	7.070	41484	0.275 ug/ml
9) T Phenanthrene (C19.36)	10.798	191587	1.344 ug/ml
10) T Anthracene (C19.43)	10.871	64569	0.465 ug/ml
12) T Fluoranthene (C21.85)	12.599	424541	2.978 ug/ml
13) T Pyrene (C20.8)	12.895	346892	2.493 ug/ml
14) T Benzo[a]anthracene (C...	14.753	202208	1.563 ug/ml
15) T Chrysene (C27.41)	14.793	207247	1.537 ug/ml
16) T benzo[b]fluoranthene ...	16.294	269450	2.047 ug/ml
17) T Bnezo[k]fluoranthene ...	16.320	95521	0.734 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.667	162946	1.261 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.019	119544	0.938 ug/ml
20) T Dibenz[a,h]anthracene...	18.071	176629	1.404 ug/ml
21) T Benzo[g,h,i]perylene ...	18.270	124622	0.969 ug/ml

(f)=RT Delta > 1/2 Window

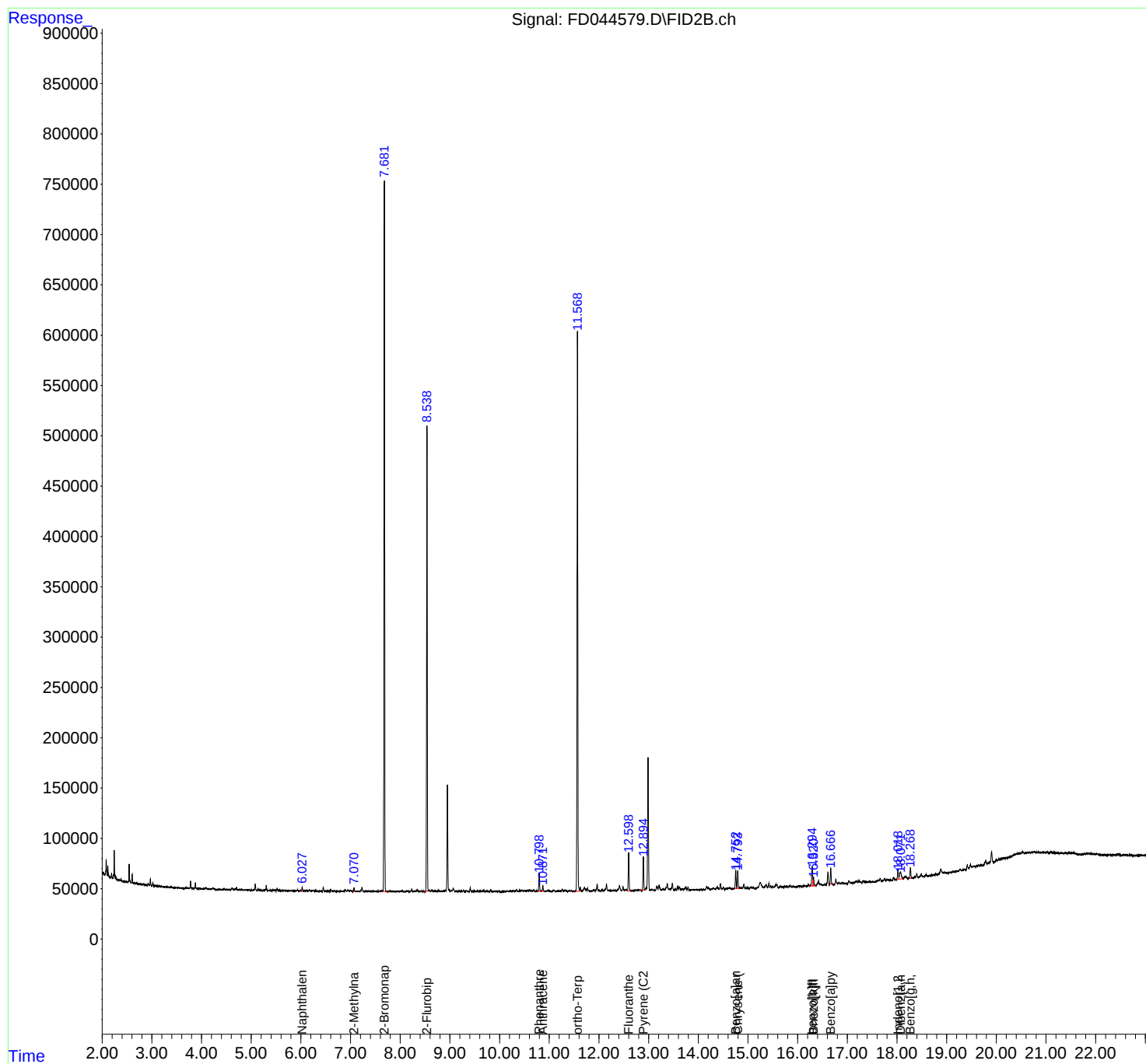
(m)=manual int.

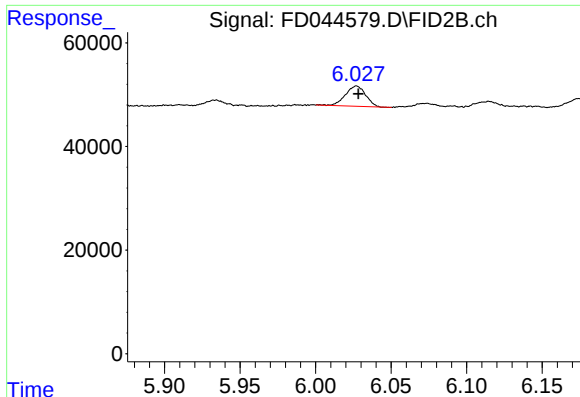
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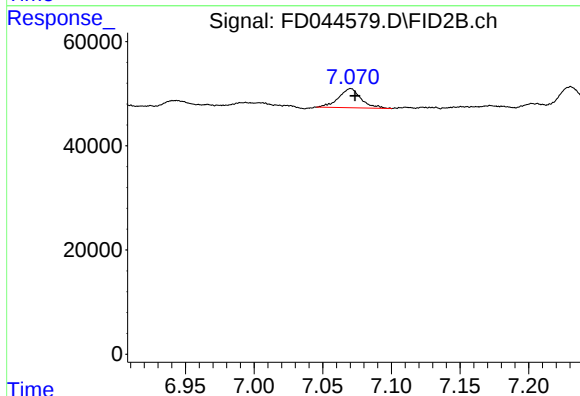




#2 Naphthalene (C11.7)

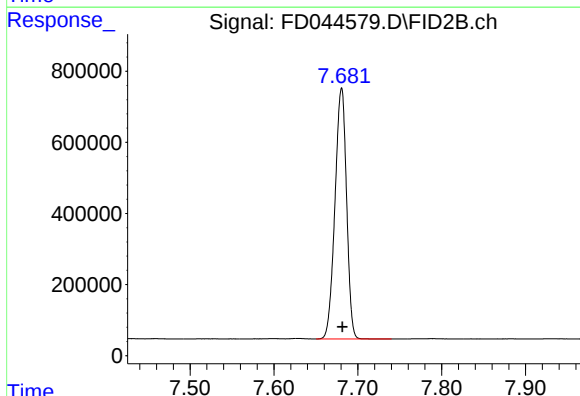
R.T.: 6.027 min
Delta R.T.: -0.001 min
Response: 36315
Conc: 0.24 ug/ml

Instrument :
FID_D
ClientSampleId :



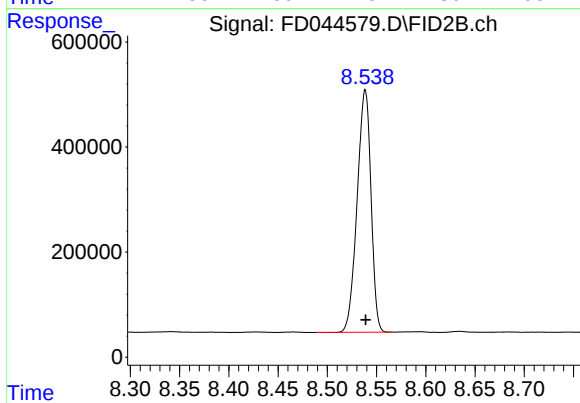
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.070 min
Delta R.T.: -0.004 min
Response: 41484
Conc: 0.27 ug/ml



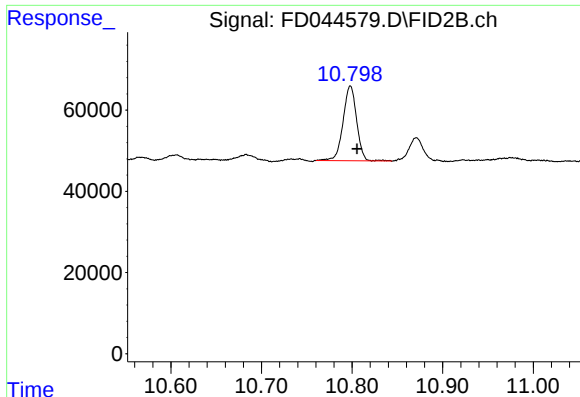
#4 2-Bromonaphthalene (SURR)

R.T.: 7.680 min
Delta R.T.: -0.001 min
Response: 6775341
Conc: 52.21 ug/ml



#6 2-Fluorobiphenyl (SURR)

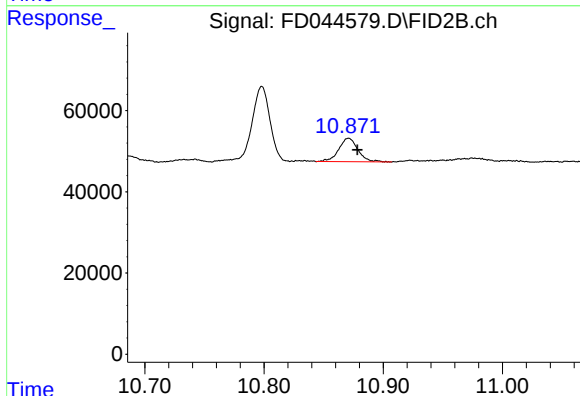
R.T.: 8.538 min
Delta R.T.: 0.000 min
Response: 4518782
Conc: 51.17 ug/ml



#9 Phenanthrene (C19.36)

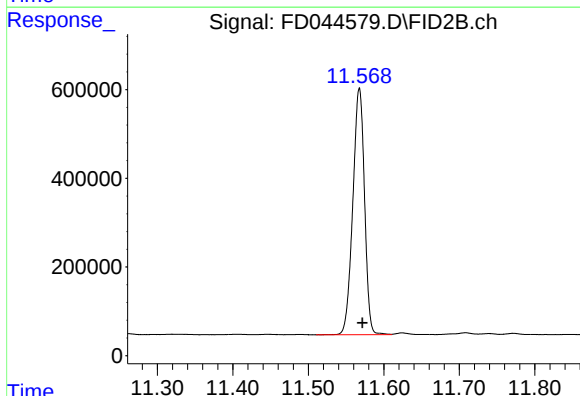
R.T.: 10.798 min
Delta R.T.: -0.007 min
Response: 191587
Conc: 1.34 ug/ml

Instrument :
FID_D
ClientSampleId :



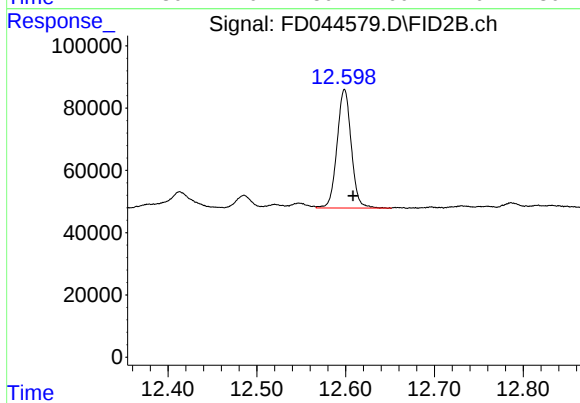
#10 Anthracene (C19.43)

R.T.: 10.871 min
Delta R.T.: -0.007 min
Response: 64569
Conc: 0.46 ug/ml



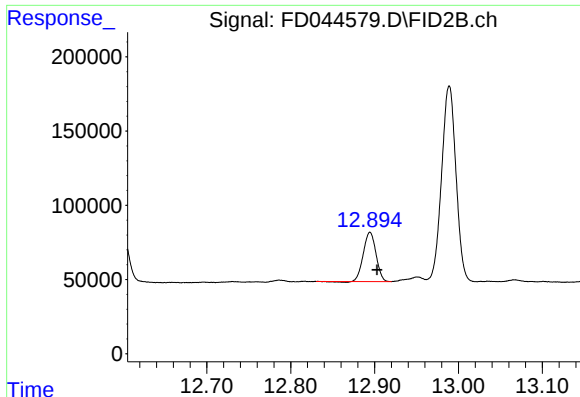
#11 ortho-Terphenyl (SURR)

R.T.: 11.568 min
Delta R.T.: -0.004 min
Response: 5980164
Conc: 36.75 ug/ml



#12 Fluoranthene (C21.85)

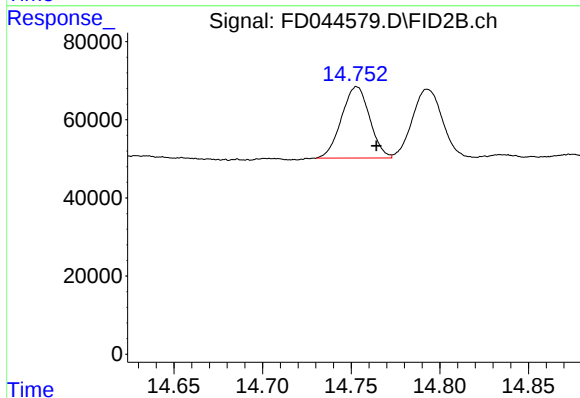
R.T.: 12.599 min
Delta R.T.: -0.009 min
Response: 424541
Conc: 2.98 ug/ml



#13 Pyrene (C20.8)

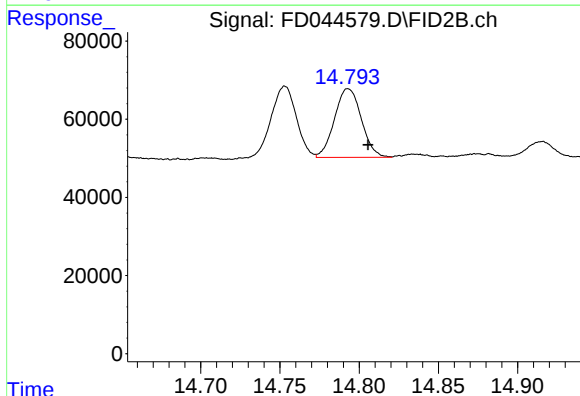
R.T.: 12.895 min
Delta R.T.: -0.009 min
Response: 346892
Conc: 2.49 ug/ml

Instrument :
FID_D
ClientSampleId :



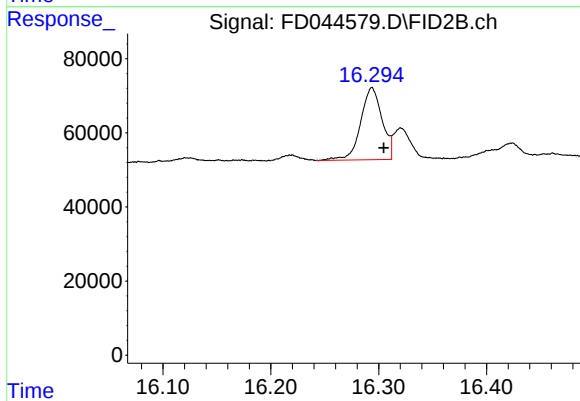
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.753 min
Delta R.T.: -0.011 min
Response: 202208
Conc: 1.56 ug/ml



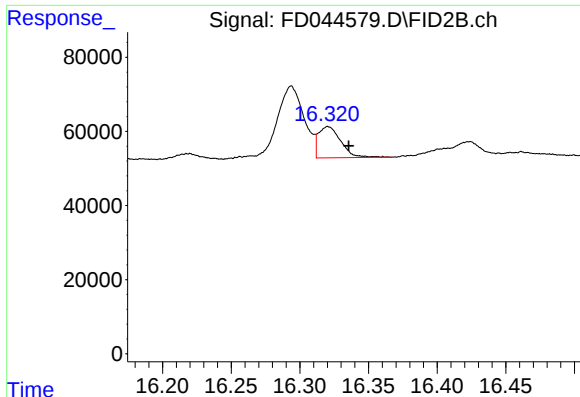
#15 Chrysene (C27.41)

R.T.: 14.793 min
Delta R.T.: -0.012 min
Response: 207247
Conc: 1.54 ug/ml



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

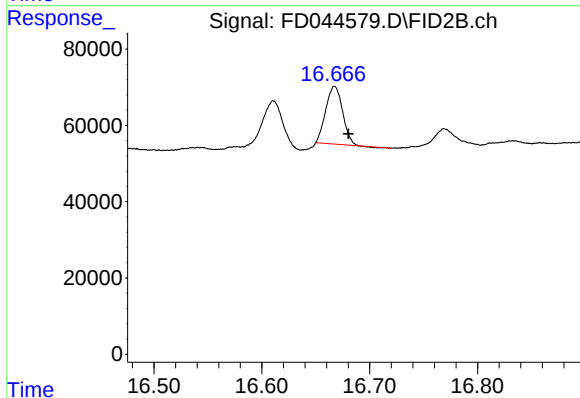
R.T.: 16.294 min
Delta R.T.: -0.011 min
Response: 269450
Conc: 2.05 ug/ml



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

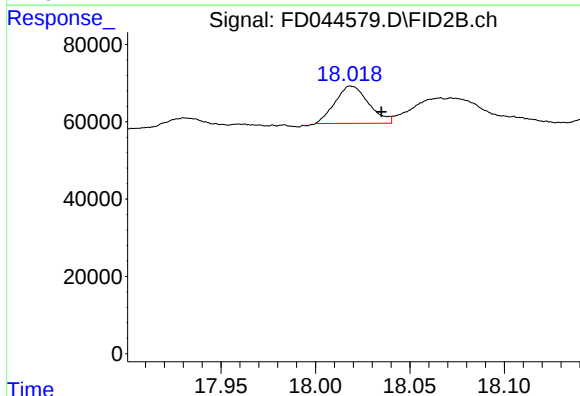
R.T.: 16.320 min
Delta R.T.: -0.015 min
Response: 95521
Conc: 0.73 ug/ml

Instrument :
FID_D
ClientSampleId :



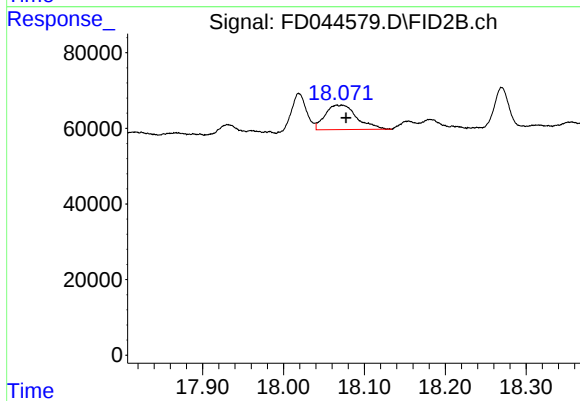
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.667 min
Delta R.T.: -0.013 min
Response: 162946
Conc: 1.26 ug/ml



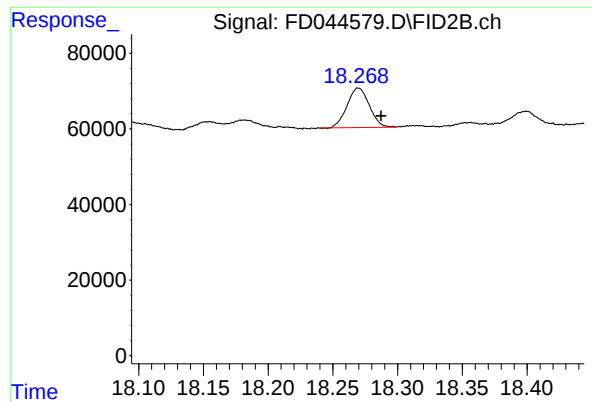
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.019 min
Delta R.T.: -0.016 min
Response: 119544
Conc: 0.94 ug/ml



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

R.T.: 18.071 min
Delta R.T.: -0.006 min
Response: 176629
Conc: 1.40 ug/ml



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

R.T.: 18.270 min
Delta R.T.: -0.017 min
Response: 124622
Conc: 0.97 ug/ml

Instrument :
FID_D
ClientSampleId :