

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091324AR\
 Data File : FG014221.D
 Signal(s) : FID1A.ch
 Acq On : 13 Sep 2024 14:47
 Operator : YP\AJ
 Sample : P3964-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 14 04:50:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 090424.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 11:28:29 2024
 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...	7.881	6403583	57.237 ug/ml
Spiked Amount 50.000		Recovery =	114.47%
6) S 2-Fluorobiphenyl (SURR)	8.754	4372155	60.052 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	120.10%
11) S ortho-Terphenyl (SURR)	11.821	3501090	25.973 ug/ml
Spiked Amount 50.000		Recovery =	51.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.497	29765910	231.212 ug/ml
2) T Naphthalene (C11.7)	6.162	16742194	132.723 ug/ml
3) T 2-Methylnaphthalene (...)	7.257	14220543	111.650 ug/ml
5) T Acenaphthylene (C15.06)	8.532	2381880	18.326 ug/ml
7) T Acenaphthene (C15.5)	8.869	266418	1.924 ug/ml
8) T Flouorene (C16.55)	9.645	1579030	12.182 ug/ml
9) T Phenanthrene (C19.36)	11.049	1099904	9.101 ug/ml
10) T Anthracene (C19.43)	11.133	690276	4.976 ug/ml
12) T Fluoranthene (C21.85)	12.876	455319	3.512 ug/ml
13) T Pyrene (C20.8)	13.177	204349	1.565 ug/ml
14) T Benzo[a]anthracene (C...	15.135	45948	0.404 ug/ml
15) T Chrysene (C27.41)	15.135	45948	0.325 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.426	36621	0.370 ug/ml
20) T Dibenz[a,h]anthracene...	18.426	36621	0.249 ug/ml

(f)=RT Delta > 1/2 Window

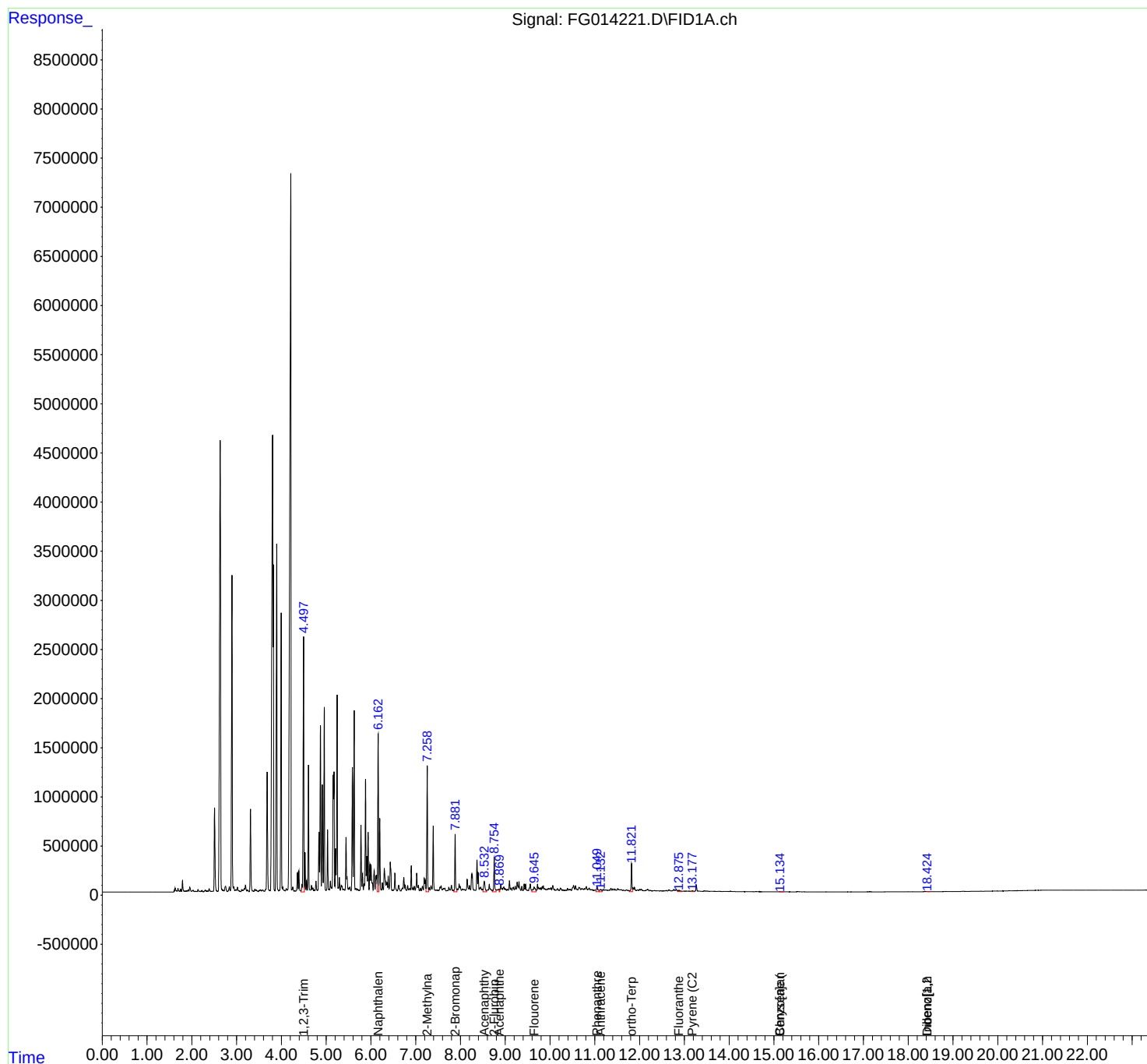
(m)=manual int.

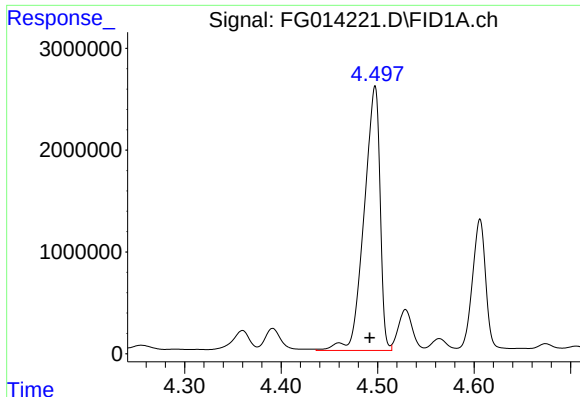
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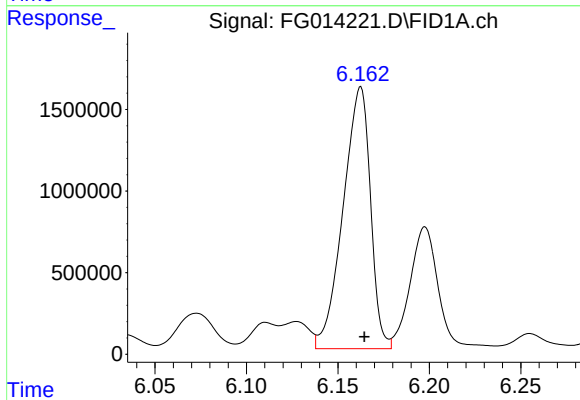




#1 1,2,3-Trimethylbenzene (C10.1)

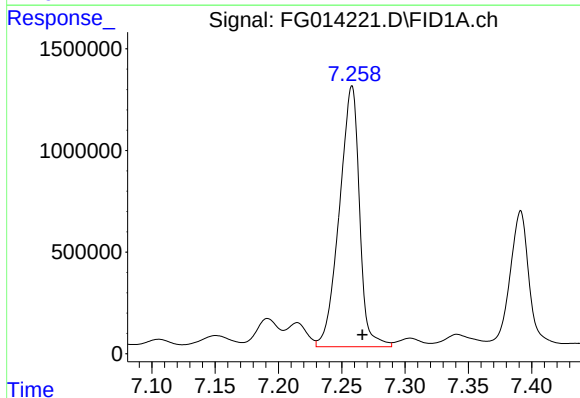
R.T.: 4.497 min
Delta R.T.: 0.005 min
Response: 29765910
Conc: 231.21 ug/ml

Instrument :
FID_G
ClientSampleId :



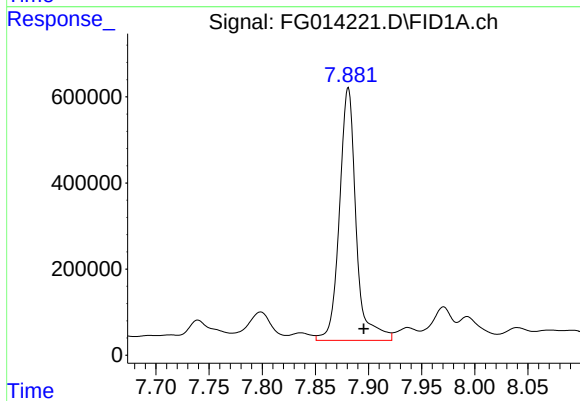
#2 Naphthalene (C11.7)

R.T.: 6.162 min
Delta R.T.: -0.003 min
Response: 16742194
Conc: 132.72 ug/ml



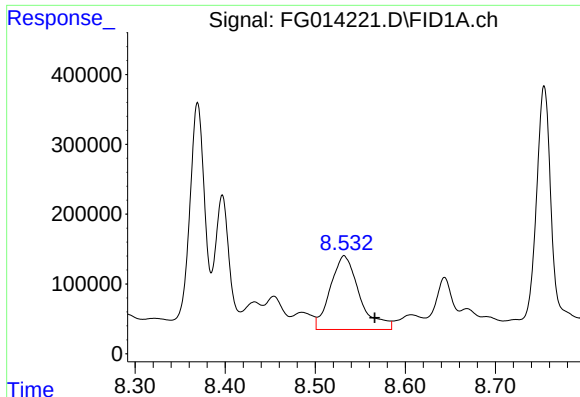
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.257 min
Delta R.T.: -0.009 min
Response: 14220543
Conc: 111.65 ug/ml



#4 2-Bromonaphthalene (SURR)

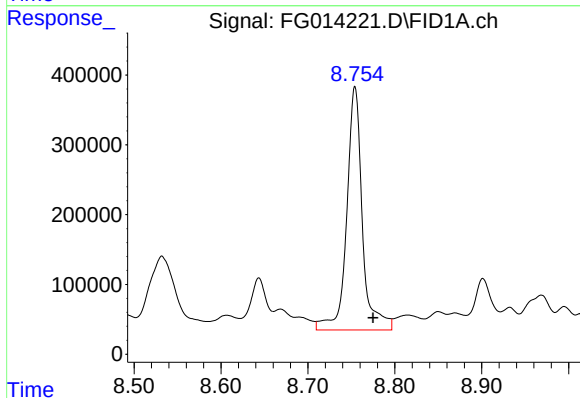
R.T.: 7.881 min
Delta R.T.: -0.015 min
Response: 6403583
Conc: 57.24 ug/ml



#5 Acenaphthylene (C15.06)

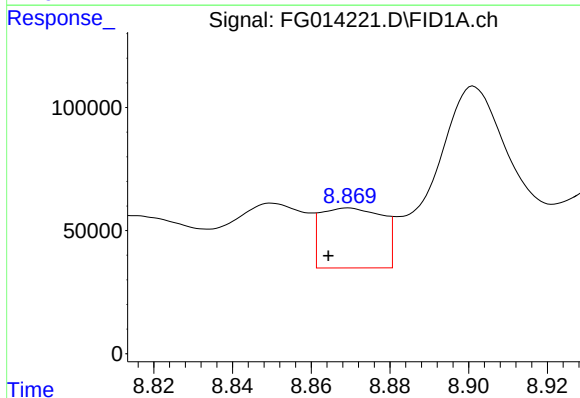
R.T.: 8.532 min
Delta R.T.: -0.034 min
Response: 2381880
Conc: 18.33 ug/ml

Instrument :
FID_G
ClientSampleId :



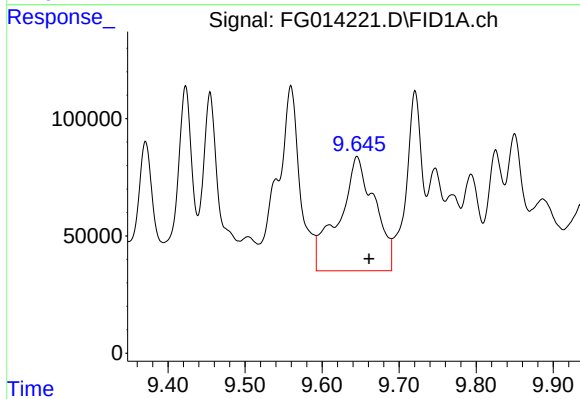
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.754 min
Delta R.T.: -0.021 min
Response: 4372155
Conc: 60.05 ug/ml



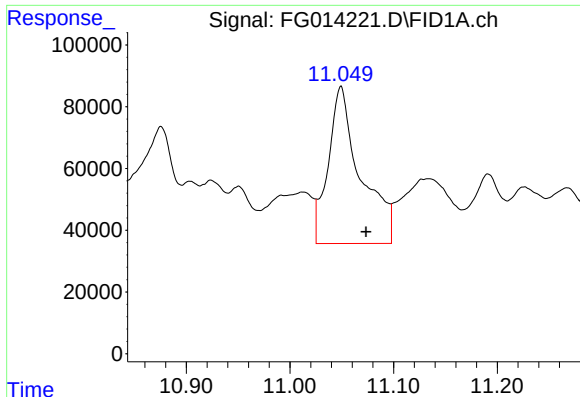
#7 Acenaphthene (C15.5)

R.T.: 8.869 min
Delta R.T.: 0.005 min
Response: 266418
Conc: 1.92 ug/ml



#8 Fluorene (C16.55)

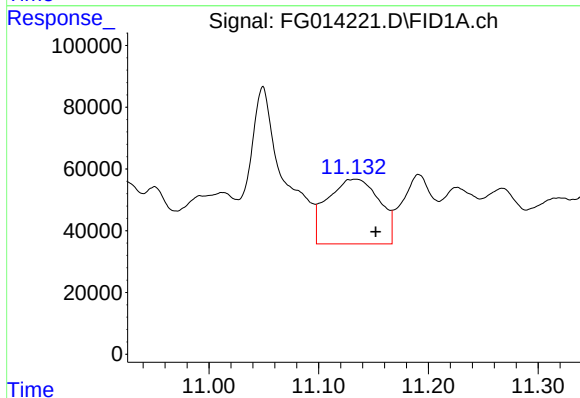
R.T.: 9.645 min
Delta R.T.: -0.016 min
Response: 1579030
Conc: 12.18 ug/ml



#9 Phenanthrene (C19.36)

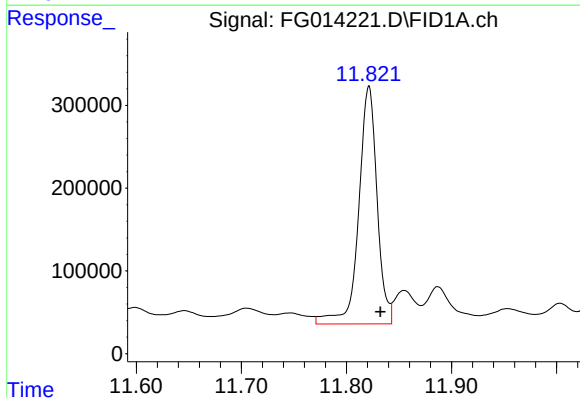
R.T.: 11.049 min
Delta R.T.: -0.024 min
Response: 1099904
Conc: 9.10 ug/ml

Instrument :
FID_G
ClientSampleId :



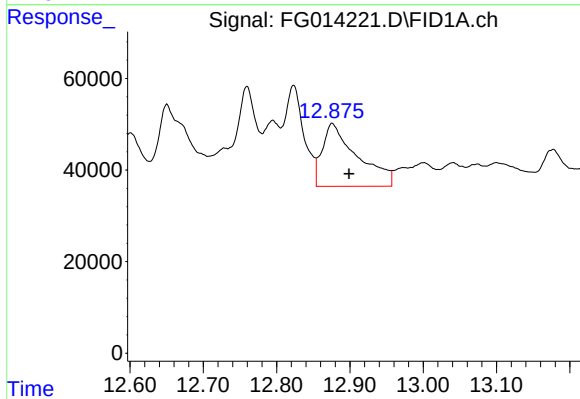
#10 Anthracene (C19.43)

R.T.: 11.133 min
Delta R.T.: -0.019 min
Response: 690276
Conc: 4.98 ug/ml



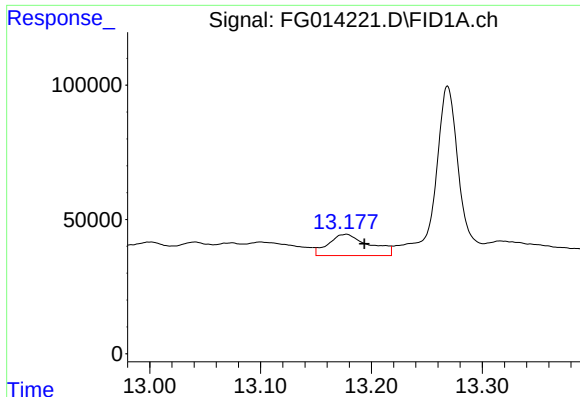
#11 ortho-Terphenyl (SURR)

R.T.: 11.821 min
Delta R.T.: -0.011 min
Response: 3501090
Conc: 25.97 ug/ml



#12 Fluoranthene (C21.85)

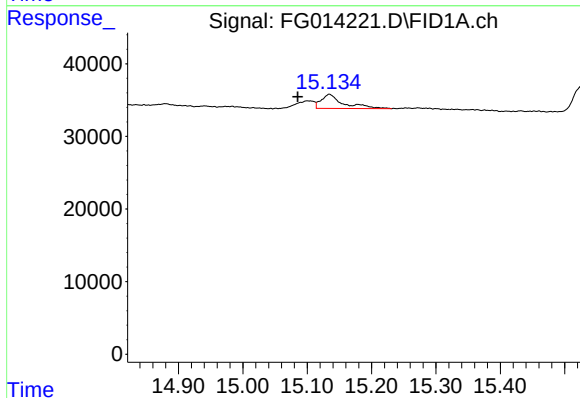
R.T.: 12.876 min
Delta R.T.: -0.023 min
Response: 455319
Conc: 3.51 ug/ml



#13 Pyrene (C20.8)

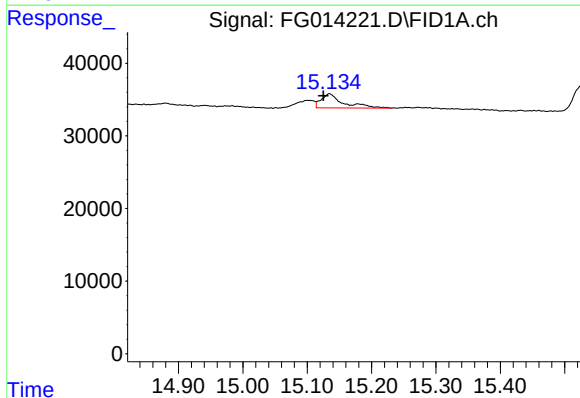
R.T.: 13.177 min
Delta R.T.: -0.017 min
Response: 204349
Conc: 1.56 ug/ml

Instrument :
FID_G
ClientSampleId :



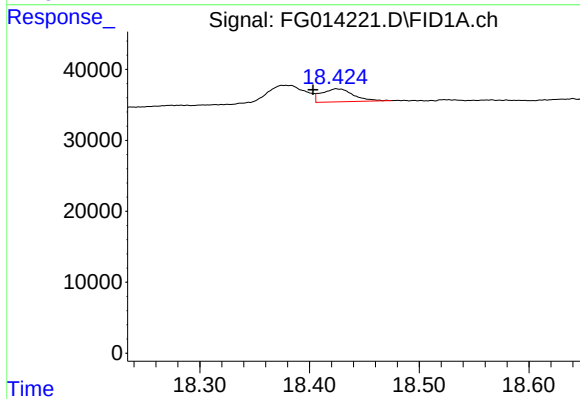
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.135 min
Delta R.T.: 0.049 min
Response: 45948
Conc: 0.40 ug/ml



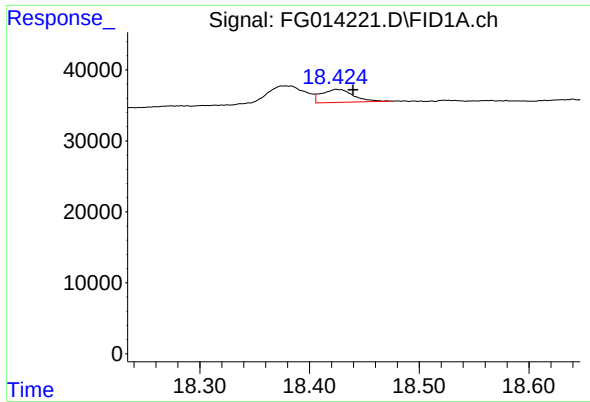
#15 Chrysene (C27.41)

R.T.: 15.135 min
Delta R.T.: 0.010 min
Response: 45948
Conc: 0.33 ug/ml



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

R.T.: 18.426 min
Delta R.T.: 0.022 min
Response: 36621
Conc: 0.37 ug/ml



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

R.T.: 18.426 min
Delta R.T.: -0.014 min
Response: 36621
Conc: 0.25 ug/ml

Instrument :
FID_G
ClientSampleId :