

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091924AR\
 Data File : FG014288.D
 Signal(s) : FID1A.ch
 Acq On : 19 Sep 2024 23:22
 Operator : YP\AJ
 Sample : P4104-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 20 02:47:53 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...	7.876	9029673	80.709 ug/ml
Spiked Amount 50.000		Recovery =	161.42%
6) S 2-Fluorobiphenyl (SURR)	8.749	6012202	82.578 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	165.16%#
11) S ortho-Terphenyl (SURR)	11.846	548446	4.069 ug/ml
Spiked Amount 50.000		Recovery =	8.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.483	18393786	142.877 ug/ml
2) T Naphthalene (C11.7)	6.154	16043631	127.185 ug/ml
3) T 2-Methylnaphthalene (...)	7.257	25757437	202.230 ug/ml
5) T Acenaphthylene (C15.06)	8.599	1570939	12.087 ug/ml
7) T Acenaphthene (C15.5)	8.865	2291721	16.548 ug/ml
8) T Flouorene (C16.55)	9.660	1194509	9.215 ug/ml
9) T Phenanthrene (C19.36)	11.041	1181483	9.776 ug/ml
10) T Anthracene (C19.43)	11.127	691358	4.983 ug/ml
12) T Fluoranthene (C21.85)	12.866	505865	3.902 ug/ml
13) T Pyrene (C20.8)	13.163	302038	2.313 ug/ml
14) T Benzo[a]anthracene (C...	15.091	19392	0.170 ug/ml
15) T Chrysene (C27.41)	15.091	19392	0.137 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.413	39127	0.396 ug/ml
20) T Dibenz[a,h]anthracene...	18.413	39127	0.266 ug/ml

(f)=RT Delta > 1/2 Window

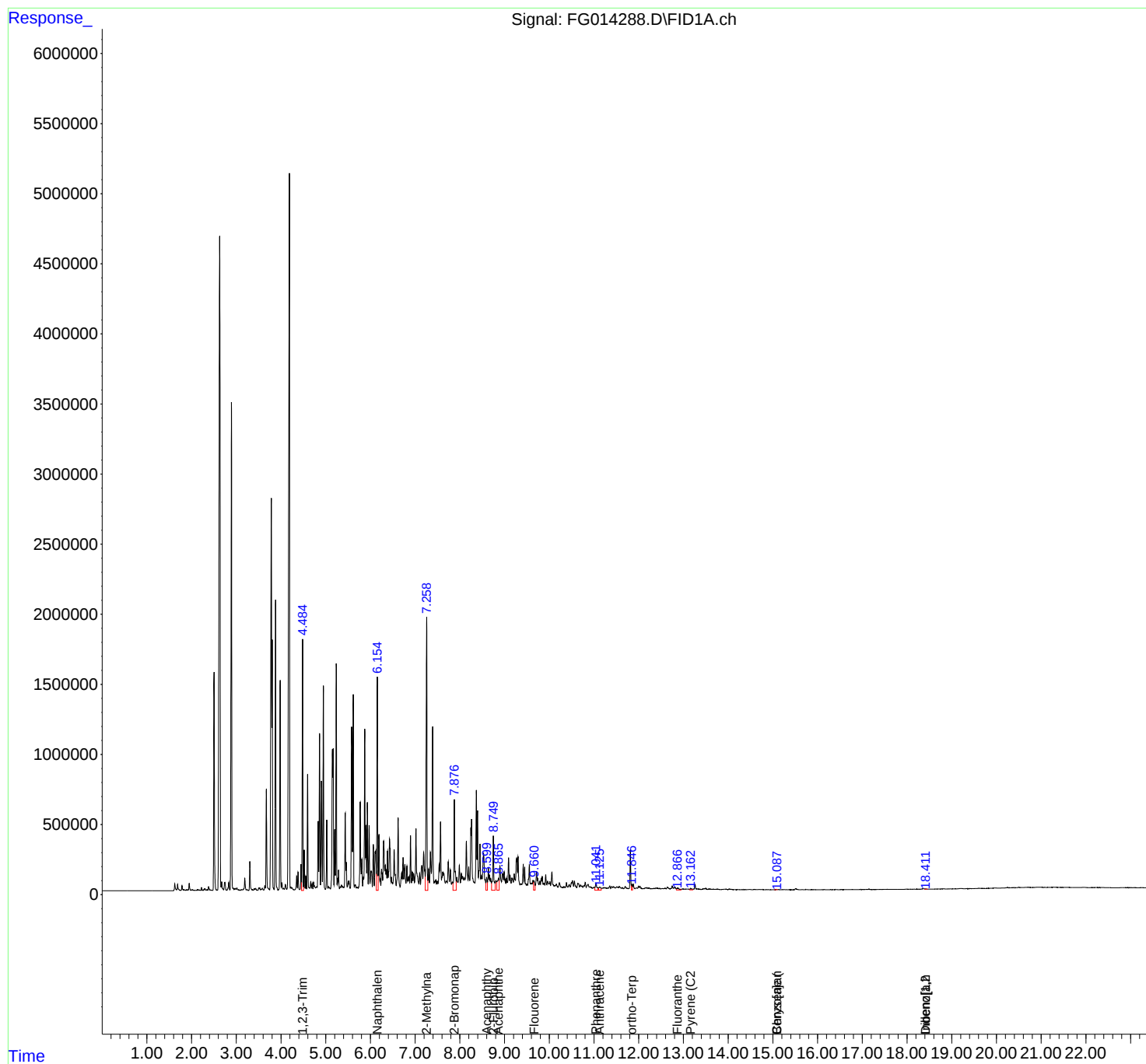
(m)=manual int.

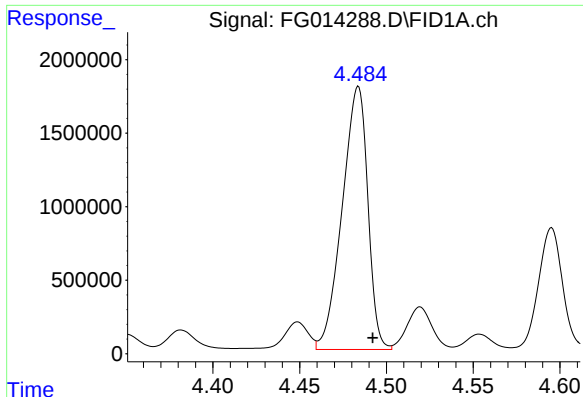
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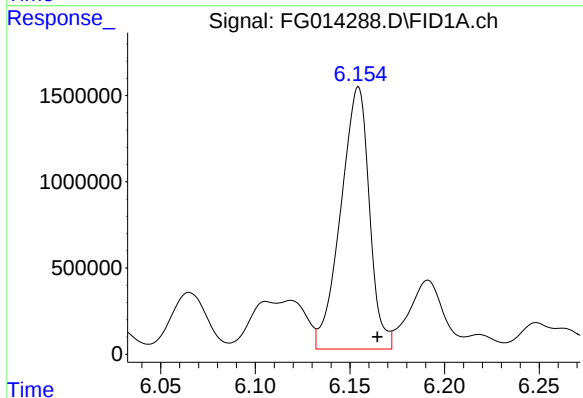




#1 1,2,3-Trimethylbenzene (C10.1)

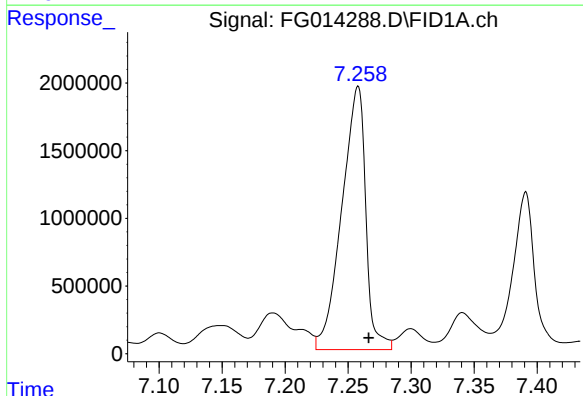
R.T.: 4.483 min
Delta R.T.: -0.009 min
Response: 18393786
Conc: 142.88 ug/ml

Instrument :
FID_G
ClientSampleId :



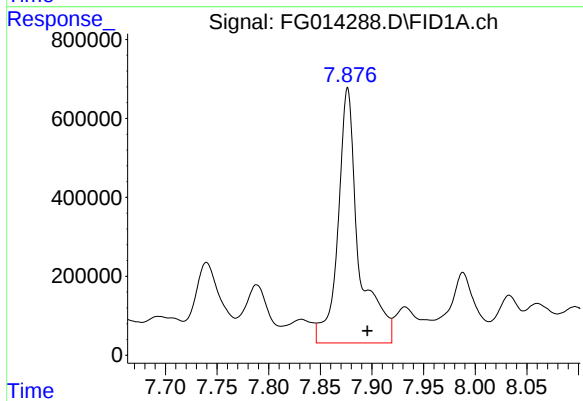
#2 Naphthalene (C11.7)

R.T.: 6.154 min
Delta R.T.: -0.010 min
Response: 16043631
Conc: 127.19 ug/ml



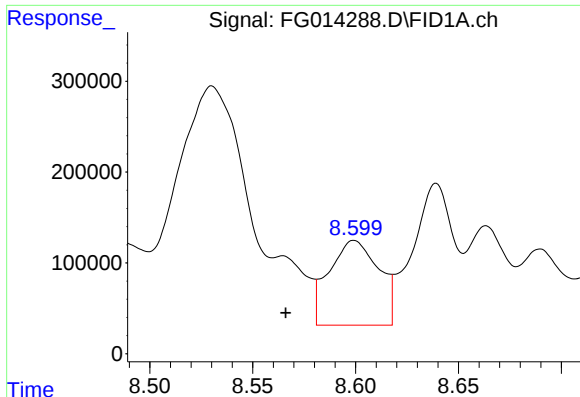
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.257 min
Delta R.T.: -0.009 min
Response: 25757437
Conc: 202.23 ug/ml



#4 2-Bromonaphthalene (SURR)

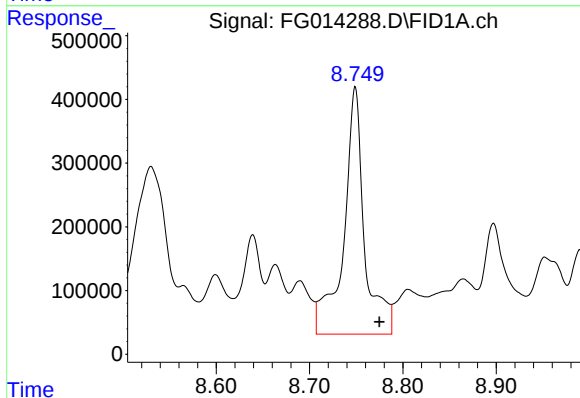
R.T.: 7.876 min
Delta R.T.: -0.019 min
Response: 9029673
Conc: 80.71 ug/ml



#5 Acenaphthylene (C15.06)

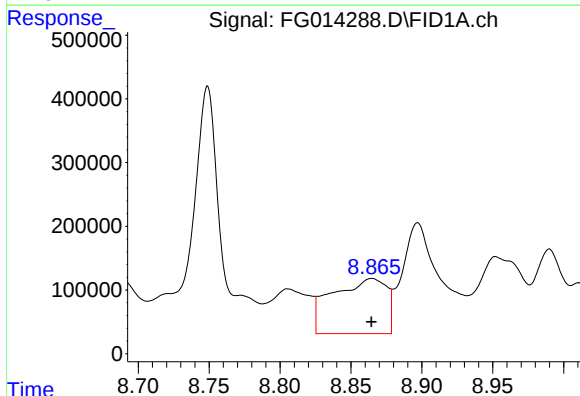
R.T.: 8.599 min
Delta R.T.: 0.033 min
Response: 1570939
Conc: 12.09 ug/ml

Instrument :
FID_G
ClientSampleId :



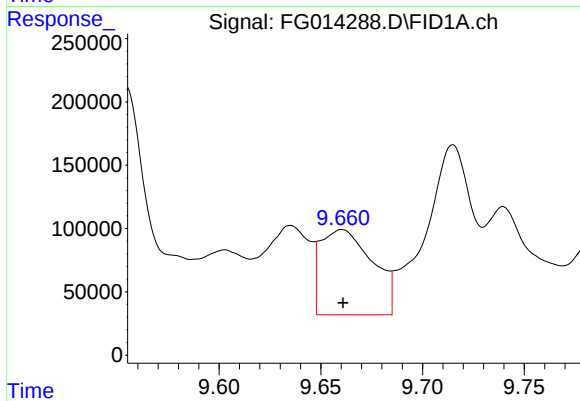
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.749 min
Delta R.T.: -0.026 min
Response: 6012202
Conc: 82.58 ug/ml



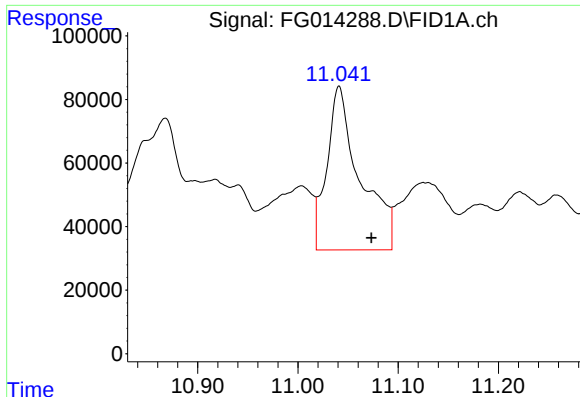
#7 Acenaphthene (C15.5)

R.T.: 8.865 min
Delta R.T.: 0.000 min
Response: 2291721
Conc: 16.55 ug/ml



#8 Flouorene (C16.55)

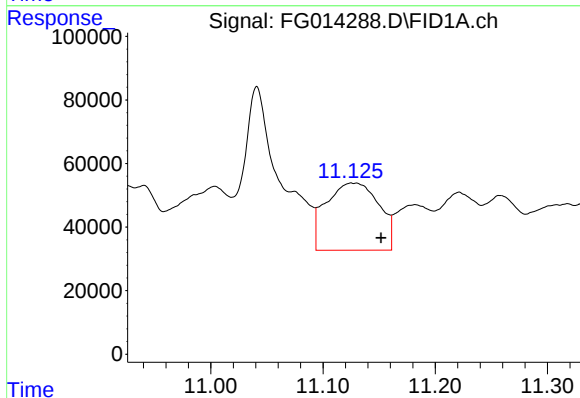
R.T.: 9.660 min
Delta R.T.: 0.000 min
Response: 1194509
Conc: 9.22 ug/ml



#9 Phenanthrene (C19.36)

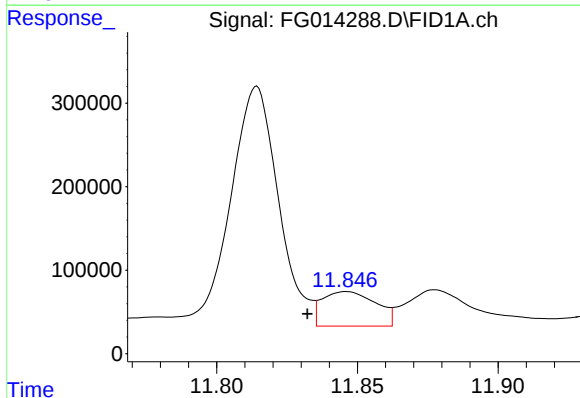
R.T.: 11.041 min
Delta R.T.: -0.032 min
Response: 1181483
Conc: 9.78 ug/ml

Instrument :
FID_G
ClientSampleId :



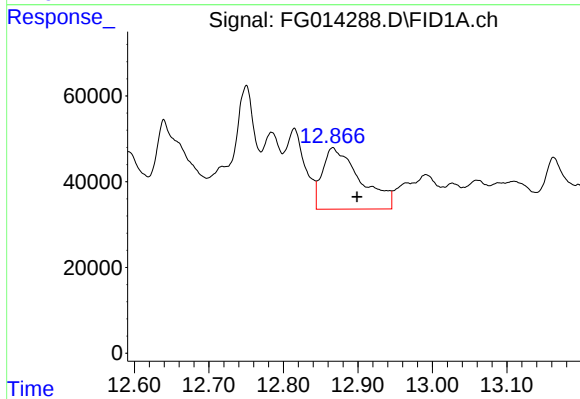
#10 Anthracene (C19.43)

R.T.: 11.127 min
Delta R.T.: -0.025 min
Response: 691358
Conc: 4.98 ug/ml



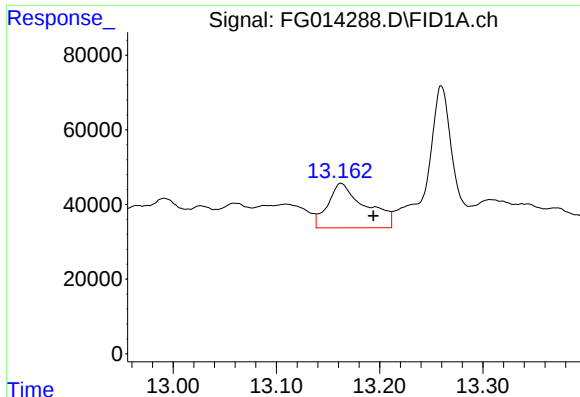
#11 ortho-Terphenyl (SURR)

R.T.: 11.846 min
Delta R.T.: 0.014 min
Response: 548446
Conc: 4.07 ug/ml



#12 Fluoranthene (C21.85)

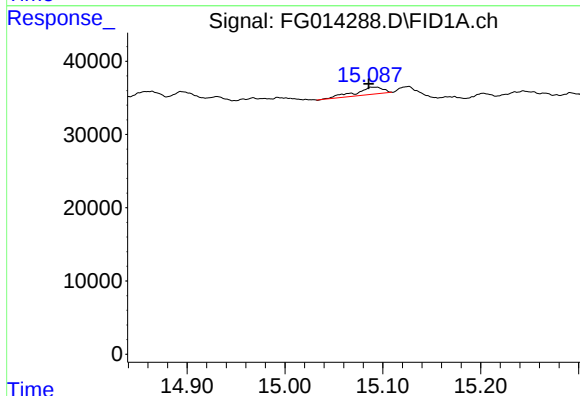
R.T.: 12.866 min
Delta R.T.: -0.033 min
Response: 505865
Conc: 3.90 ug/ml



#13 Pyrene (C20.8)

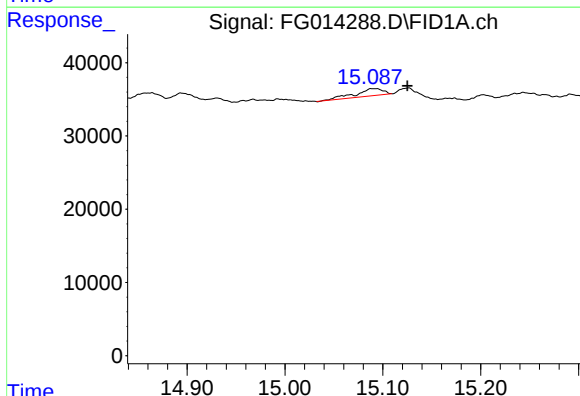
R.T.: 13.163 min
Delta R.T.: -0.031 min
Response: 302038
Conc: 2.31 ug/ml

Instrument :
FID_G
ClientSampleId :



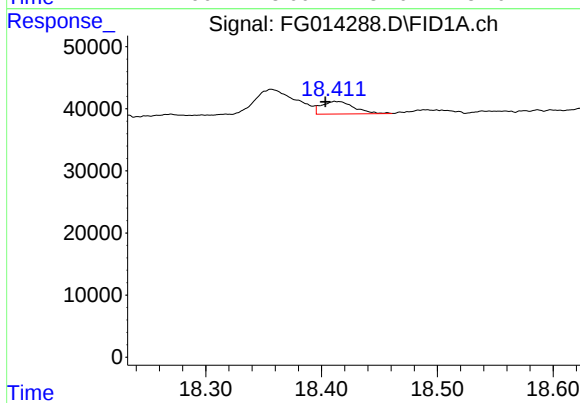
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.091 min
Delta R.T.: 0.006 min
Response: 19392
Conc: 0.17 ug/ml



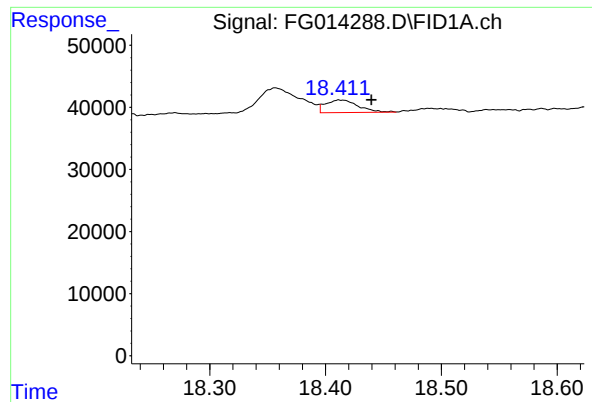
#15 Chrysene (C27.41)

R.T.: 15.091 min
Delta R.T.: -0.034 min
Response: 19392
Conc: 0.14 ug/ml



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

R.T.: 18.413 min
Delta R.T.: 0.010 min
Response: 39127
Conc: 0.40 ug/ml



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

R.T.: 18.413 min
Delta R.T.: -0.026 min
Response: 39127
Conc: 0.27 ug/ml

Instrument :

FID_G

ClientSampleId :