

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040825AL\
 Data File : FE053255.D
 Signal(s) : FID1B.ch
 Acq On : 09 Apr 2025 01:09
 Operator : YP\AJ
 Sample : Q1747-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 09 05:11:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.892	5677419	34.856 ug/ml
Spiked Amount 50.000		Recovery =	69.71%
12) S 1-chlorooctadecane (S...	13.339	4476940	37.294 ug/ml
Spiked Amount 50.000		Recovery =	74.59%
Target Compounds			
4) T n-Dodecane (C12)	6.664	240885	1.540 ug/ml
6) T n-Tetradecane (C14)	8.512	92415	0.604 ug/ml
7) T n-Hexadecane (C16)	10.126	143143	0.929 ug/ml
8) T n-Octadecane (C18)	11.575	231828	1.529 ug/ml
10) T n-Eicosane (C20)	12.889	343354	2.408 ug/ml
11) T n-Heneicosane (C21)	13.509	390352	2.813 ug/ml
13) T n-Docosane (C22)	14.108	1214359	8.867 ug/ml
14) T n-Tetracosane (C24)	15.216	2198278	16.276 ug/ml
15) T n-Hexacosane (C26)	16.211	3339921	25.036 ug/ml
16) T n-Octacosane (C28)	17.188	5432685	41.167 ug/ml
17) T n-Tricontane (C30)	18.048	203234	1.499 ug/ml
18) T n-Dotriacontane (C32)	18.908	2804411	20.841 ug/ml
19) T n-Tetratriacontane (C34)	19.711	2409348	18.620 ug/ml
20) T n-Hexatriacontane (C36)	20.437	661184	5.566 ug/ml
21) T n-Octatriacontane (C38)	21.170	51559	0.449 ug/ml

(f)=RT Delta > 1/2 Window

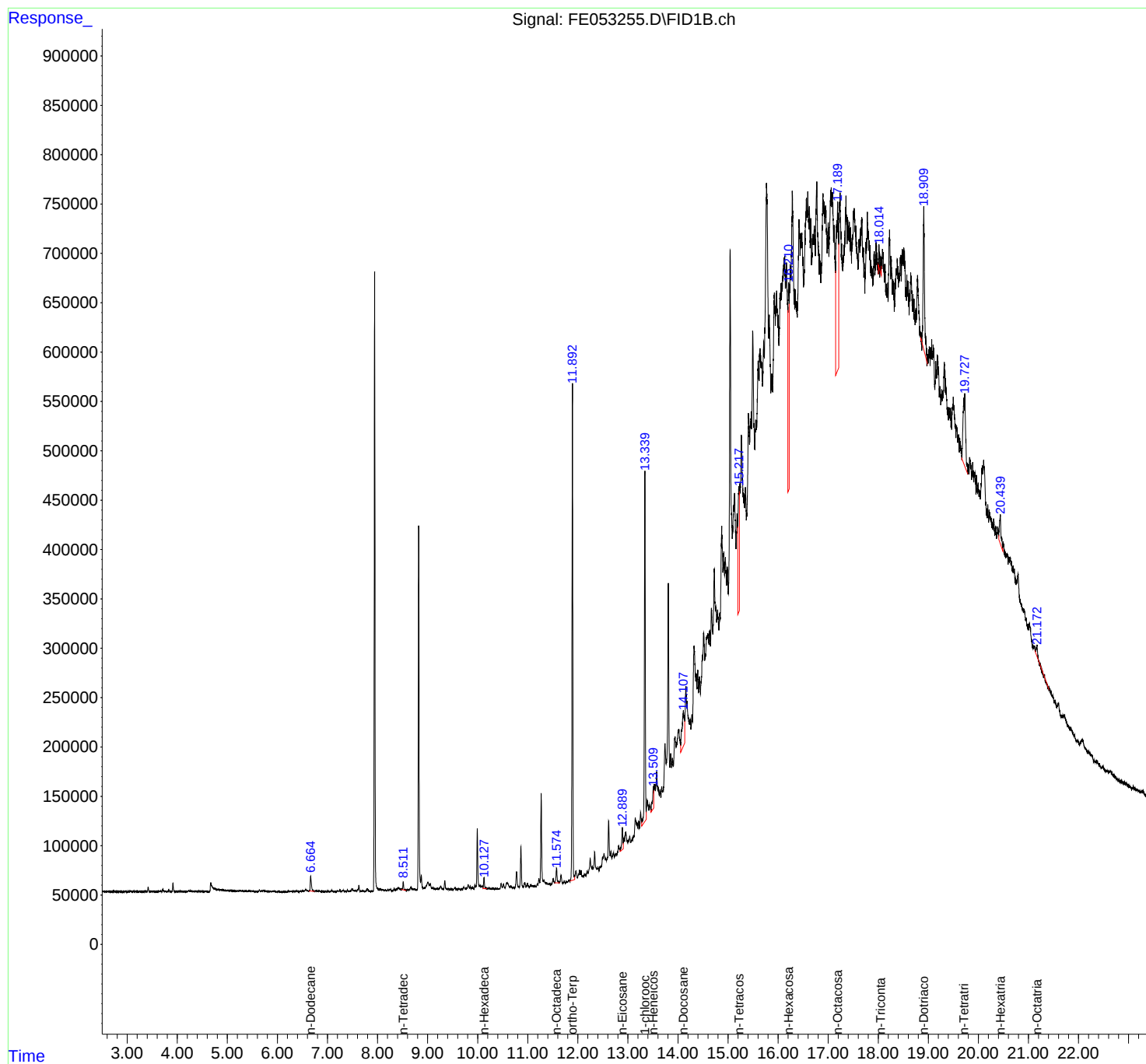
(m)=manual int.

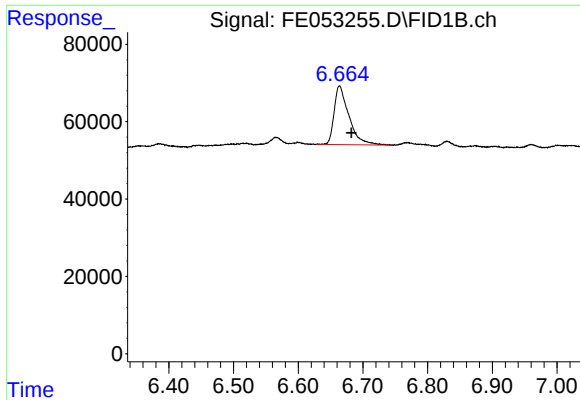
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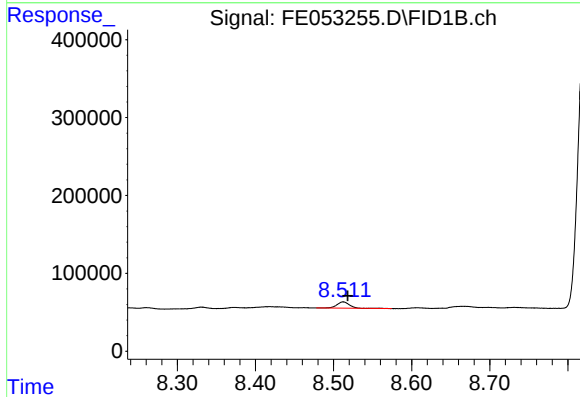




#4 n-Dodecane (C12)

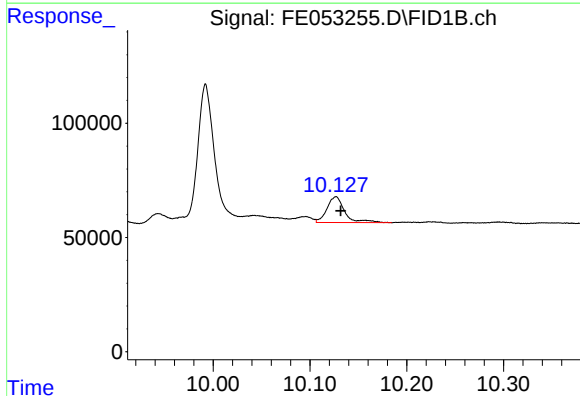
R.T.: 6.664 min
Delta R.T.: -0.018 min
Response: 240885
Conc: 1.54 ug/ml

Instrument :
FID_E
ClientSampleId :



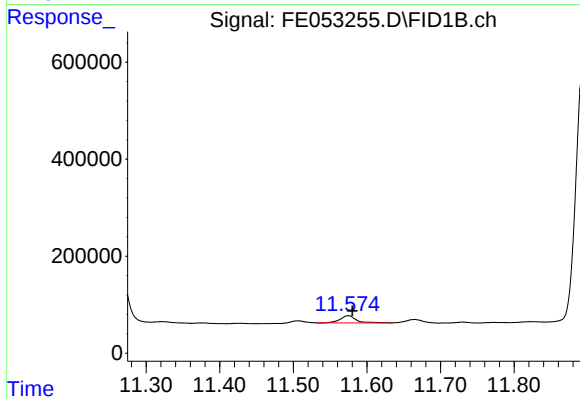
#6 n-Tetradecane (C14)

R.T.: 8.512 min
Delta R.T.: -0.006 min
Response: 92415
Conc: 0.60 ug/ml



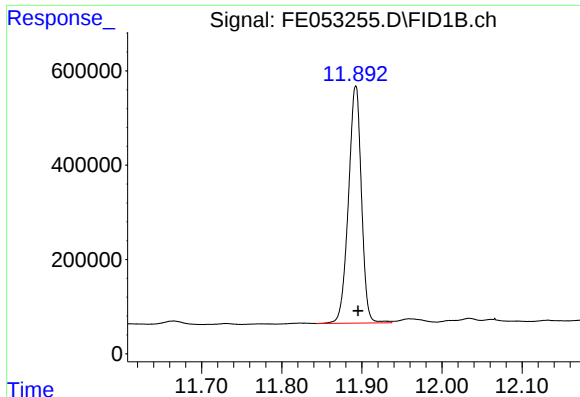
#7 n-Hexadecane (C16)

R.T.: 10.126 min
Delta R.T.: -0.005 min
Response: 143143
Conc: 0.93 ug/ml



#8 n-Octadecane (C18)

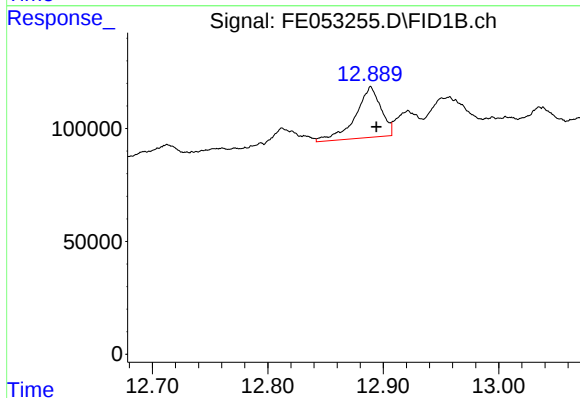
R.T.: 11.575 min
Delta R.T.: -0.006 min
Response: 231828
Conc: 1.53 ug/ml



#9 ortho-Terphenyl (SURR)

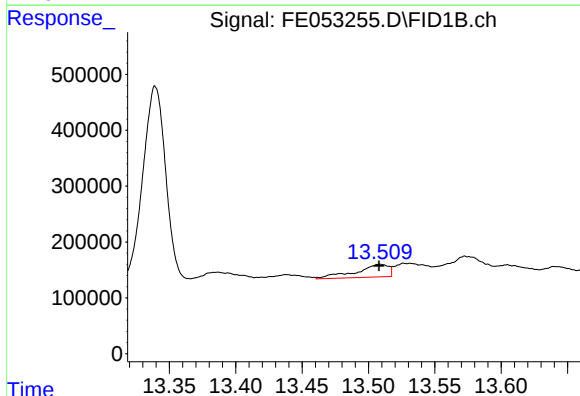
R.T.: 11.892 min
Delta R.T.: -0.003 min
Response: 5677419
Conc: 34.86 ug/ml

Instrument :
FID_E
ClientSampleId :



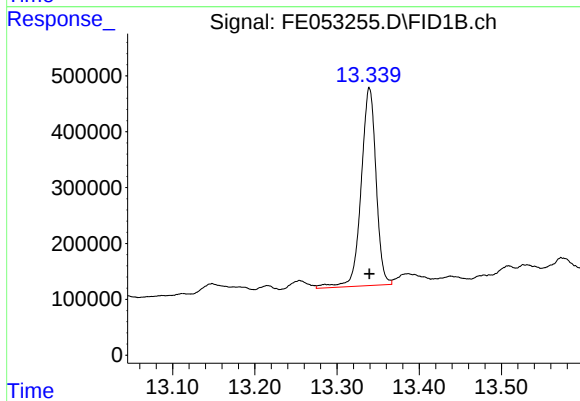
#10 n-Eicosane (C20)

R.T.: 12.889 min
Delta R.T.: -0.005 min
Response: 343354
Conc: 2.41 ug/ml



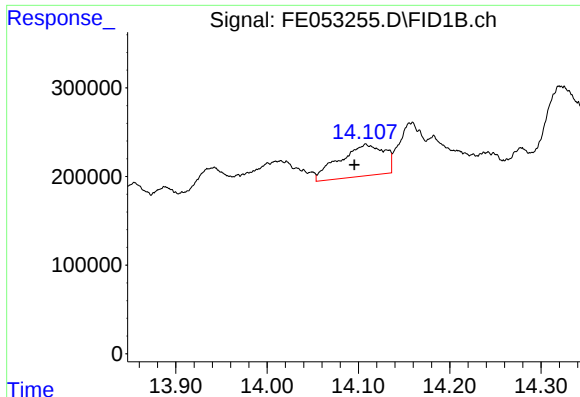
#11 n-Heneicosane (C21)

R.T.: 13.509 min
Delta R.T.: 0.000 min
Response: 390352
Conc: 2.81 ug/ml



#12 1-chlorooctadecane (SURR)

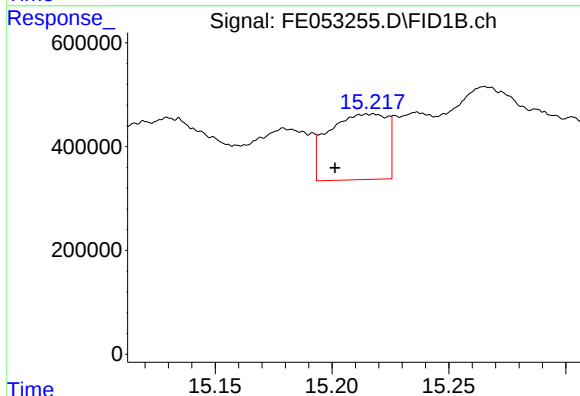
R.T.: 13.339 min
Delta R.T.: 0.000 min
Response: 4476940
Conc: 37.29 ug/ml



#13 n-Docosane (C22)

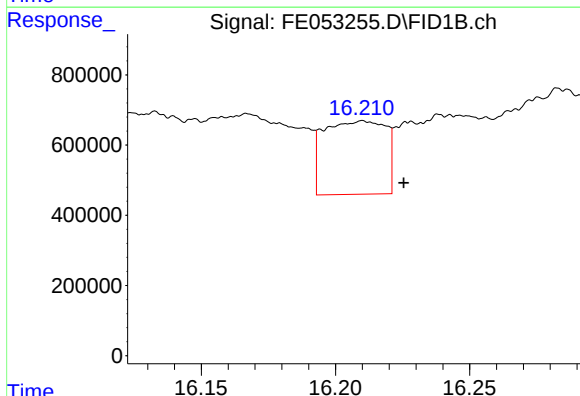
R.T.: 14.108 min
Delta R.T.: 0.013 min
Response: 1214359
Conc: 8.87 ug/ml

Instrument :
FID_E
ClientSampleId :



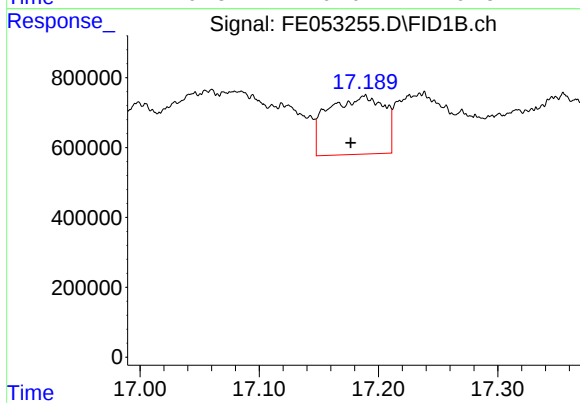
#14 n-Tetracosane (C24)

R.T.: 15.216 min
Delta R.T.: 0.015 min
Response: 2198278
Conc: 16.28 ug/ml



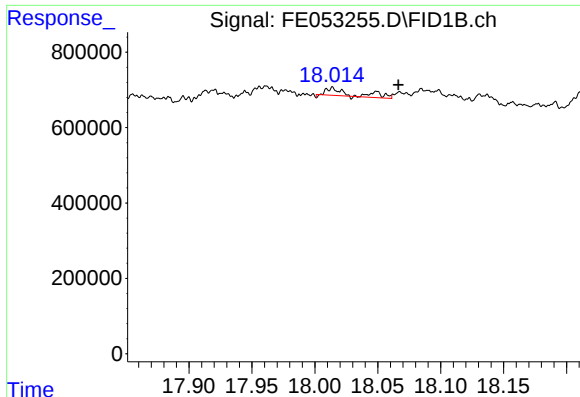
#15 n-Hexacosane (C26)

R.T.: 16.211 min
Delta R.T.: -0.015 min
Response: 3339921
Conc: 25.04 ug/ml



#16 n-Octacosane (C28)

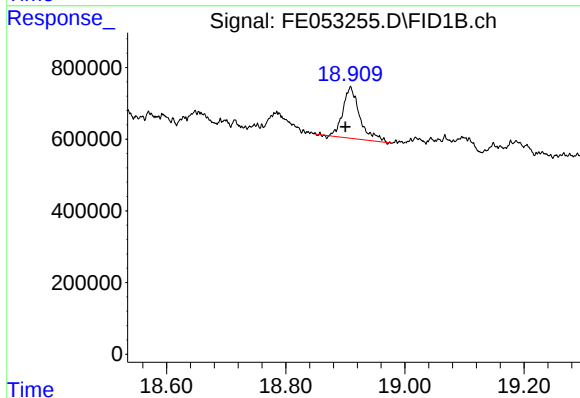
R.T.: 17.188 min
Delta R.T.: 0.012 min
Response: 5432685
Conc: 41.17 ug/ml



#17 n-Tricontane (C30)

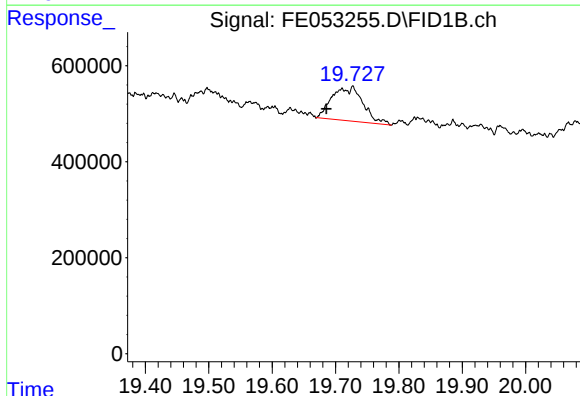
R.T.: 18.048 min
Delta R.T.: -0.018 min
Response: 203234
Conc: 1.50 ug/ml

Instrument :
FID_E
ClientSampleId :



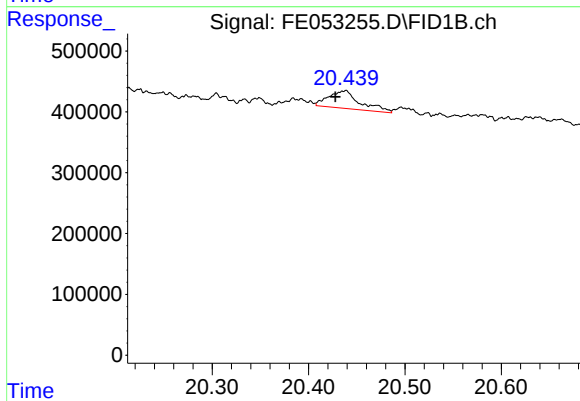
#18 n-Dotriacontane (C32)

R.T.: 18.908 min
Delta R.T.: 0.008 min
Response: 2804411
Conc: 20.84 ug/ml



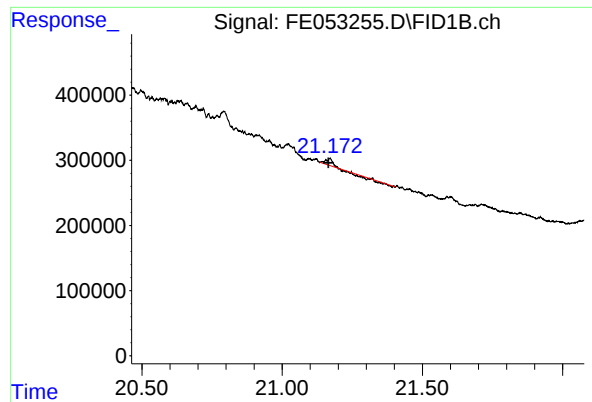
#19 n-Tetratriacontane (C34)

R.T.: 19.711 min
Delta R.T.: 0.025 min
Response: 2409348
Conc: 18.62 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.437 min
Delta R.T.: 0.009 min
Response: 661184
Conc: 5.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.170 min
Delta R.T.: 0.005 min
Response: 51559
Conc: 0.45 ug/ml

Instrument :

FID_E

ClientSampleId :