

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022125AL\
 Data File : FE052455.D
 Signal(s) : FID1B.ch
 Acq On : 21 Feb 2025 23:16
 Operator : YP\AJ
 Sample : Q1397-05 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 22 01:32:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 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)	11.920	2613650	13.982 ug/ml
Spiked Amount 50.000		Recovery =	27.96%
12) S 1-chlorooctadecane (S...	13.378	2291326	16.485 ug/ml
Spiked Amount 50.000		Recovery =	32.97%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.230	485896	2.812 ug/ml
4) T n-Dodecane (C12)	6.701	1007957	6.386 ug/ml
5) T A~2-methylnaphthalene...	7.333	8315736	49.513 ug/ml
6) T n-Tetradecane (C14)	8.533	17280956	109.711 ug/ml
7) T n-Hexadecane (C16)	10.165	7980723	48.830 ug/ml
8) T n-Octadecane (C18)	11.607	1142529	6.905 ug/ml
10) T n-Eicosane (C20)	12.924	1255304	7.874 ug/ml
11) T n-Heneicosane (C21)	13.578	9428790	60.182 ug/ml
13) T n-Docosane (C22)	14.069f	40307429	257.560 ug/ml
14) T n-Tetracosane (C24)	15.204	54364546	345.677 ug/ml
15) T n-Hexacosane (C26)	16.240	59090116	381.501 ug/ml
16) T n-Octacosane (C28)	17.264f	30071176	196.593 ug/ml
17) T n-Tricontane (C30)	18.087	46715320	299.270 ug/ml
19) T n-Tetratriacontane (C34)	19.785f	14416853	101.340 ug/ml
22) T n-Tetracontane (C40)	22.111	1024997	10.190 ug/ml

(f)=RT Delta > 1/2 Window

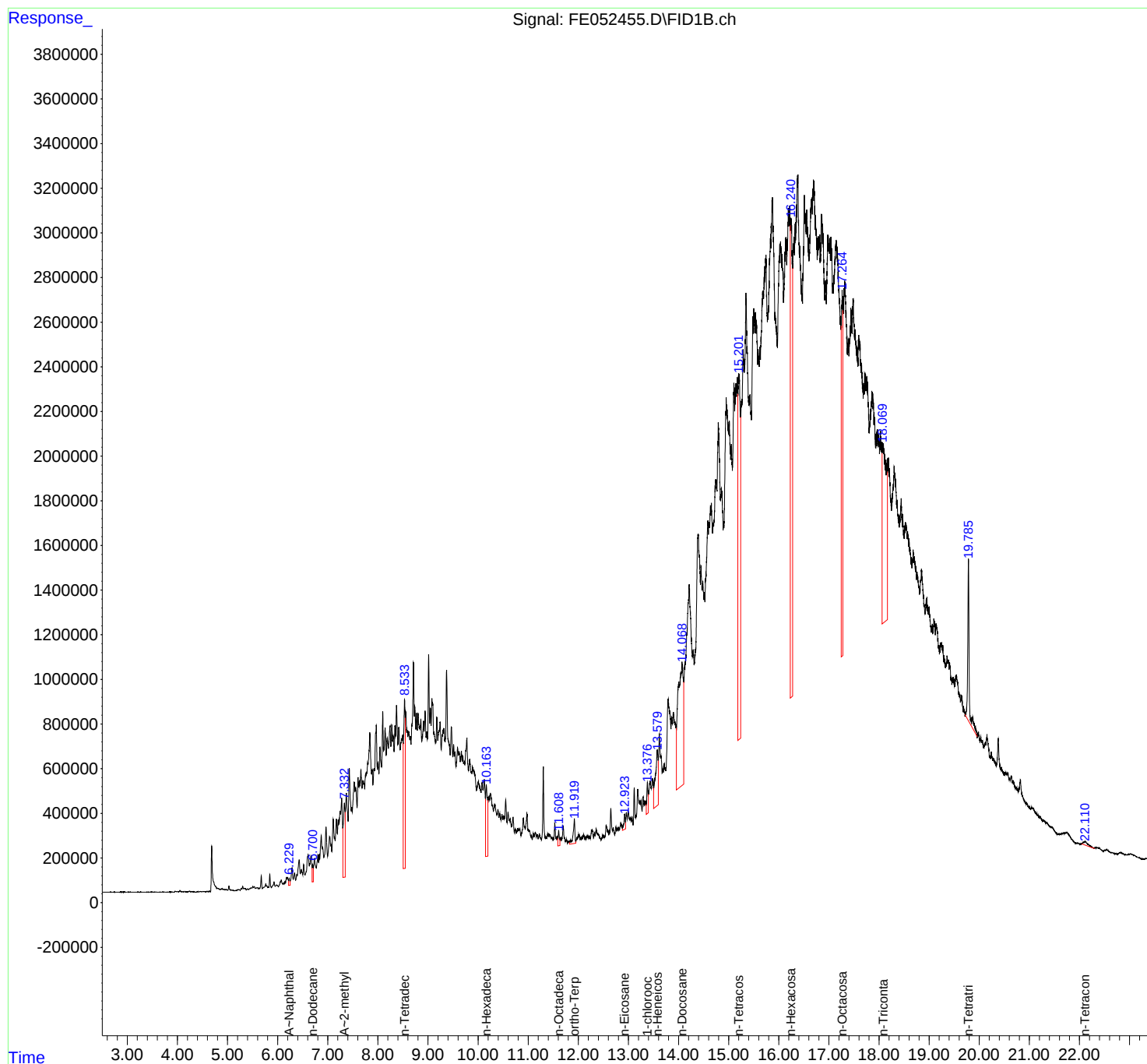
(m)=manual int.

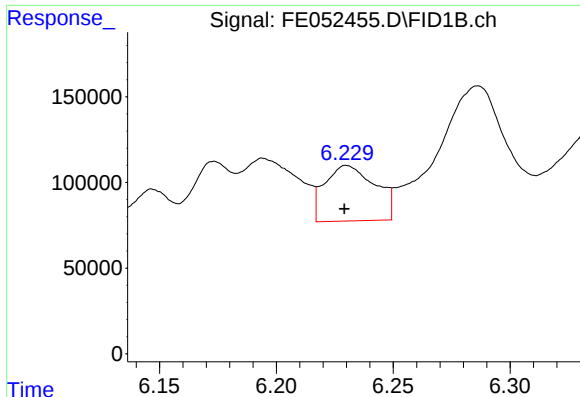
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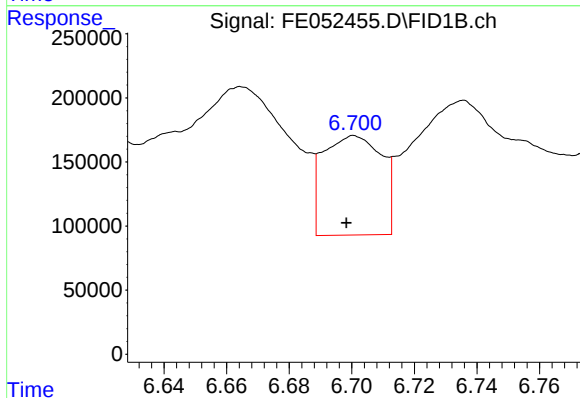




#3 A~Naphthalene (C11.7)

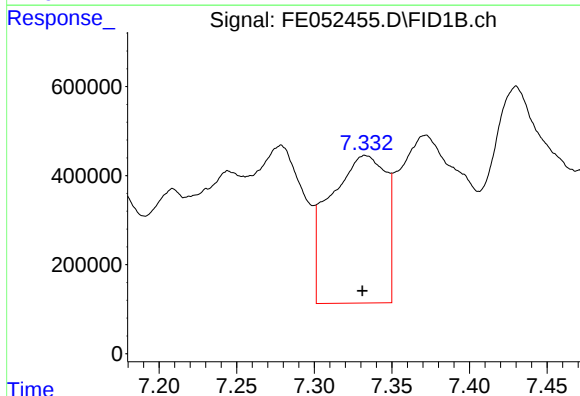
R.T.: 6.230 min
Delta R.T.: 0.001 min
Response: 485896
Conc: 2.81 ug/ml

Instrument :
FID_E
ClientSampleId :



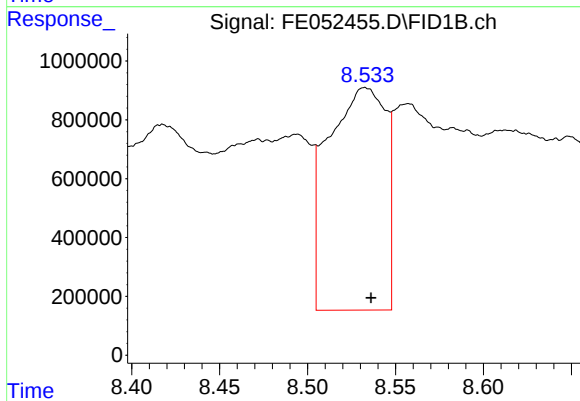
#4 n-Dodecane (C12)

R.T.: 6.701 min
Delta R.T.: 0.002 min
Response: 1007957
Conc: 6.39 ug/ml



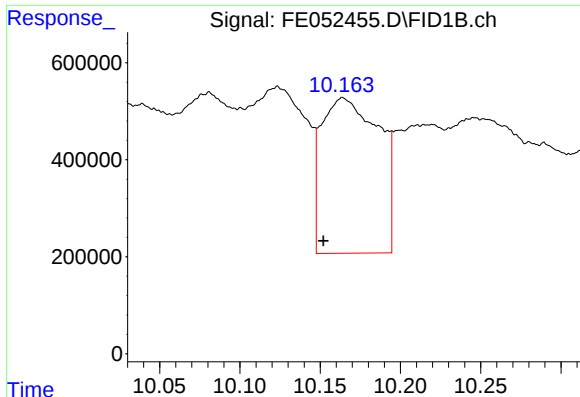
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.333 min
Delta R.T.: 0.002 min
Response: 8315736
Conc: 49.51 ug/ml



#6 n-Tetradecane (C14)

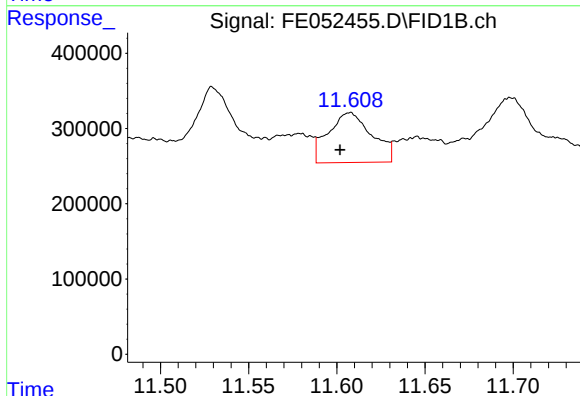
R.T.: 8.533 min
Delta R.T.: -0.003 min
Response: 17280956
Conc: 109.71 ug/ml



#7 n-Hexadecane (C16)

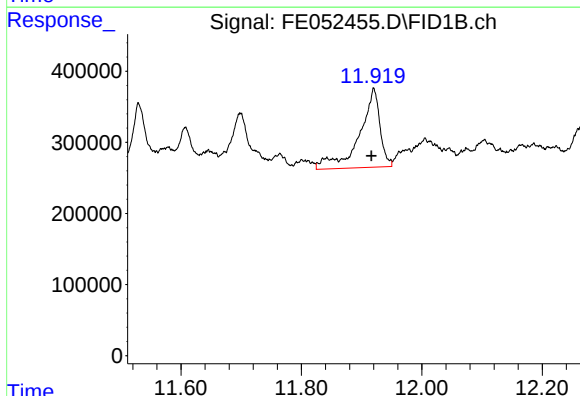
R.T.: 10.165 min
Delta R.T.: 0.013 min
Response: 7980723
Conc: 48.83 ug/ml

Instrument :
FID_E
ClientSampleId :



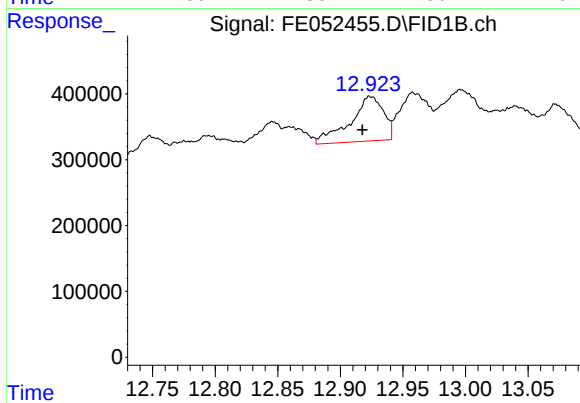
#8 n-Octadecane (C18)

R.T.: 11.607 min
Delta R.T.: 0.005 min
Response: 1142529
Conc: 6.91 ug/ml



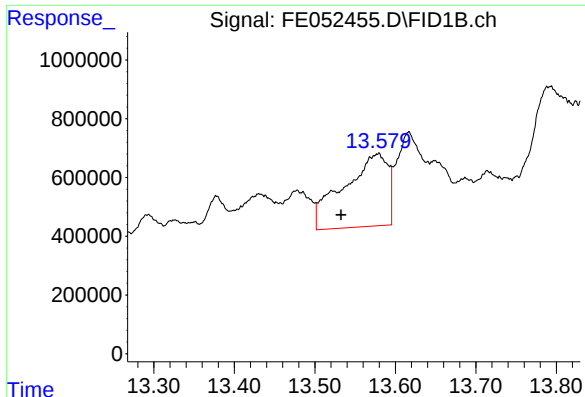
#9 ortho-Terphenyl (SURR)

R.T.: 11.920 min
Delta R.T.: 0.004 min
Response: 2613650
Conc: 13.98 ug/ml



#10 n-Eicosane (C20)

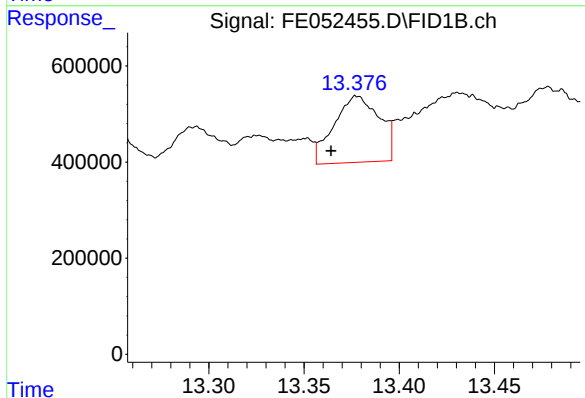
R.T.: 12.924 min
Delta R.T.: 0.007 min
Response: 1255304
Conc: 7.87 ug/ml



#11 n-Heneicosane (C21)

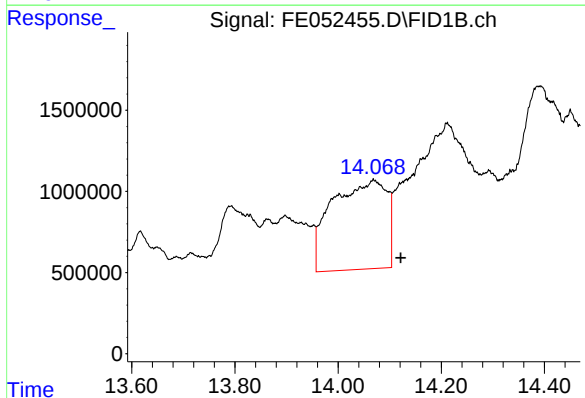
R.T.: 13.578 min
Delta R.T.: 0.046 min
Response: 9428790
Conc: 60.18 ug/ml

Instrument :
FID_E
ClientSampleId :



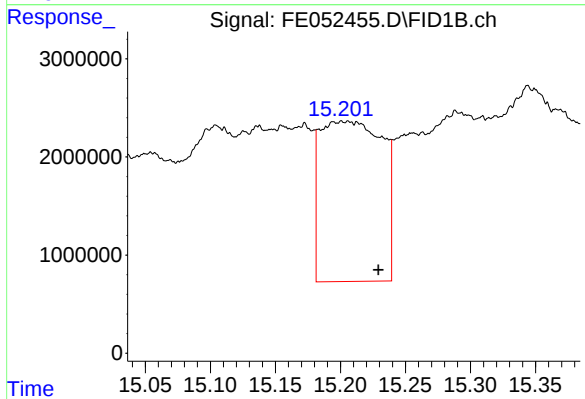
#12 1-chlorooctadecane (SURR)

R.T.: 13.378 min
Delta R.T.: 0.014 min
Response: 2291326
Conc: 16.48 ug/ml



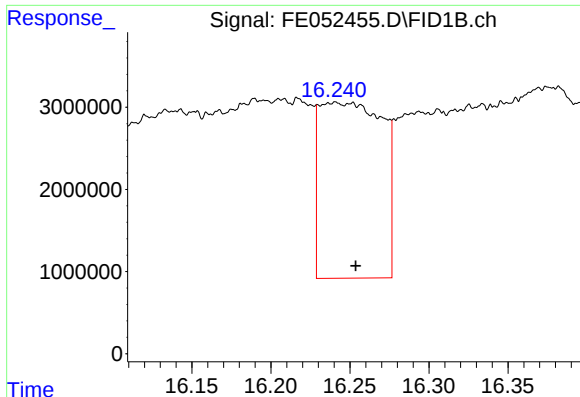
#13 n-Docosane (C22)

R.T.: 14.069 min
Delta R.T.: -0.052 min
Response: 40307429
Conc: 257.56 ug/ml



#14 n-Tetracosane (C24)

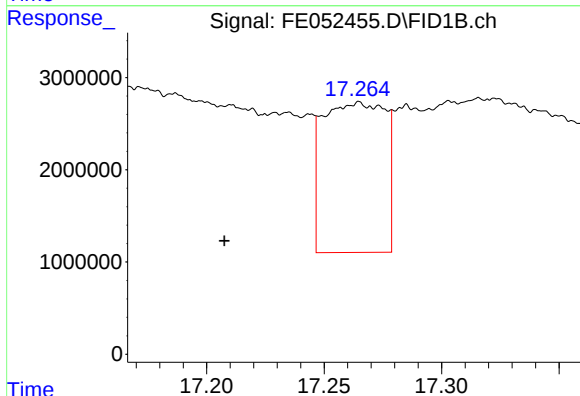
R.T.: 15.204 min
Delta R.T.: -0.025 min
Response: 54364546
Conc: 345.68 ug/ml



#15 n-Hexacosane (C26)

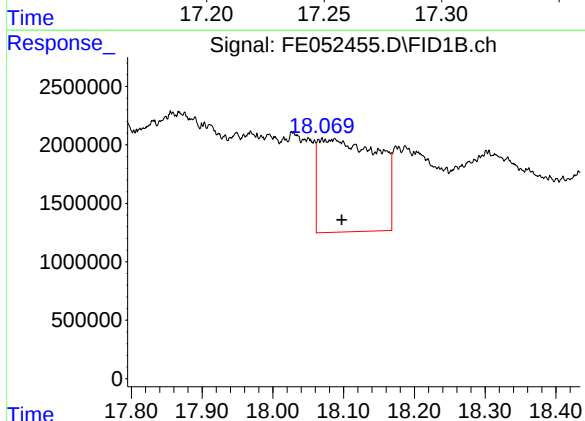
R.T.: 16.240 min
Delta R.T.: -0.013 min
Response: 59090116
Conc: 381.50 ug/ml

Instrument :
FID_E
ClientSampleId :



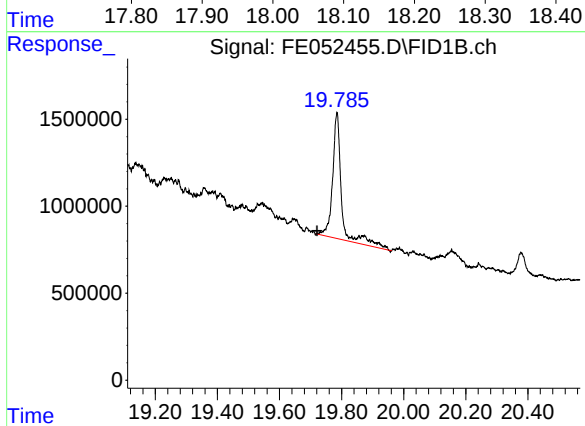
#16 n-Octacosane (C28)

R.T.: 17.264 min
Delta R.T.: 0.057 min
Response: 30071176
Conc: 196.59 ug/ml



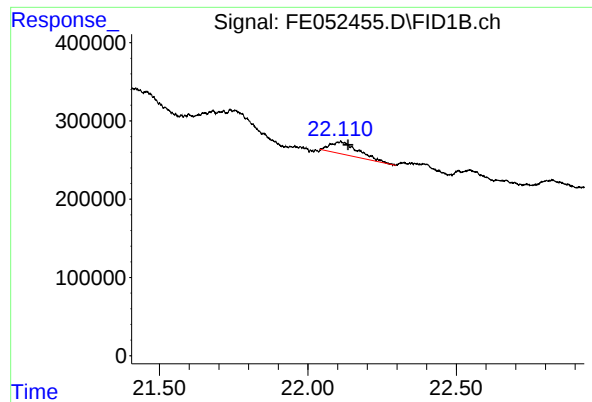
#17 n-Tricontane (C30)

R.T.: 18.087 min
Delta R.T.: -0.010 min
Response: 46715320
Conc: 299.27 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.785 min
Delta R.T.: 0.064 min
Response: 14416853
Conc: 101.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.111 min
Delta R.T.: -0.024 min
Response: 1024997
Conc: 10.19 ug/ml

Instrument :
FID_E
ClientSampleId :