

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE073025AL\
 Data File : FE055082.D
 Signal(s) : FID1B.ch
 Acq On : 30 Jul 2025 08:42
 Operator : YP\AJ
 Sample : Q2710-01DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 30 11:41:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 26 03:55:28 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)	12.090	3139965	21.213 ug/ml
Spiked Amount 50.000		Recovery =	42.43%
12) S 1-chlorooctadecane (S...	13.527	2505685	22.376 ug/ml
Spiked Amount 50.000		Recovery =	44.75%
Target Compounds			
6) T n-Tetradecane (C14)	8.699	56539	0.431 ug/ml
7) T n-Hexadecane (C16)	10.313	30725	0.228 ug/ml
8) T n-Octadecane (C18)	11.762	54584	0.401 ug/ml
10) T n-Eicosane (C20)	13.076	67719	0.520 ug/ml
11) T n-Heneicosane (C21)	13.692	25213	0.198 ug/ml
13) T n-Docosane (C22)	14.280	33859	0.268 ug/ml
14) T n-Tetracosane (C24)	15.381	133011	1.061 ug/ml
15) T n-Hexacosane (C26)	16.411	60940	0.493 ug/ml
16) T n-Octacosane (C28)	17.365	118380	0.955 ug/ml
17) T n-Tricontane (C30)	18.253	268146	2.046 ug/ml
18) T n-Dotriacontane (C32)	19.087	205545	1.576 ug/ml
19) T n-Tetratriacontane (C34)	19.876	123863	0.999 ug/ml
20) T n-Hexatriacontane (C36)	20.622	91556	0.797 ug/ml
21) T n-Octatriacontane (C38)	21.399	138896	1.236 ug/ml
22) T n-Tetracontane (C40)	22.385	148525	1.347 ug/ml

(f)=RT Delta > 1/2 Window

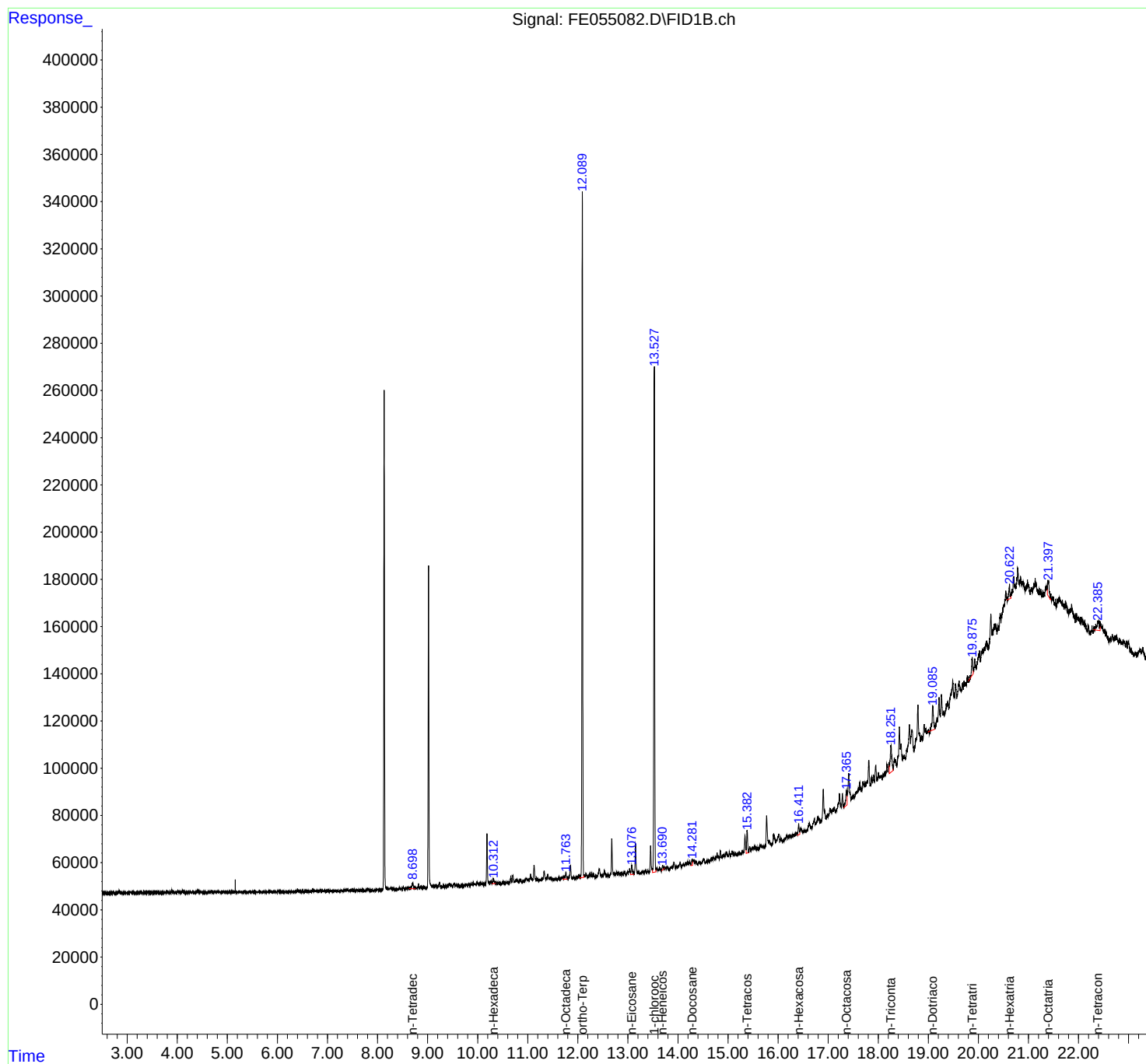
(m)=manual int.

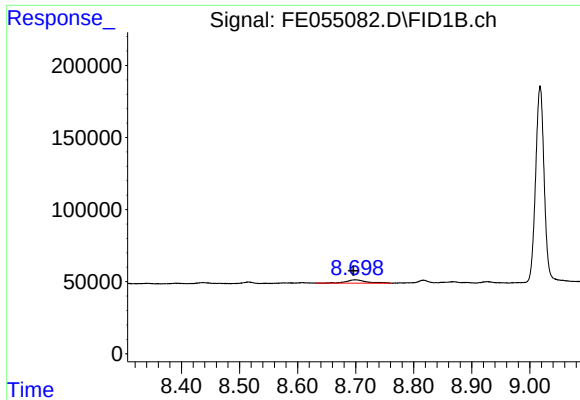
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE073025AL\
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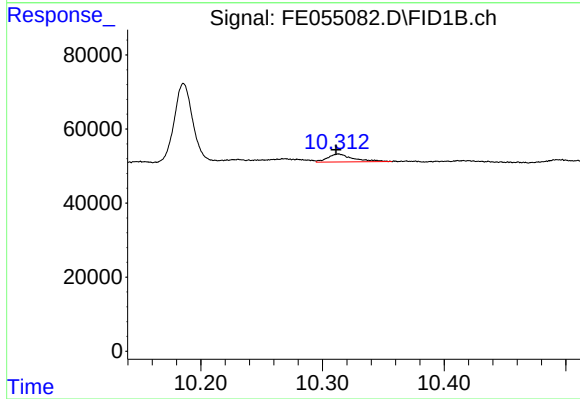




#6 n-Tetradecane (C14)

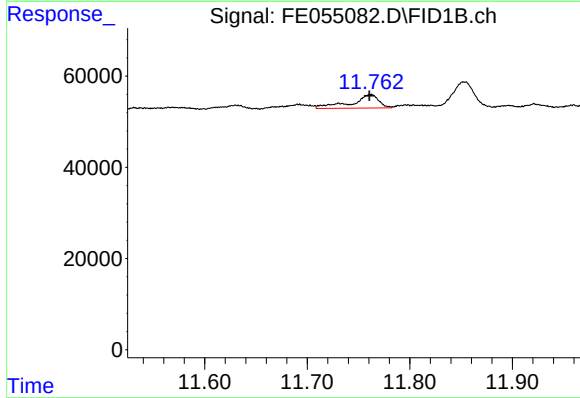
R.T.: 8.699 min
Delta R.T.: 0.003 min
Response: 56539
Conc: 0.43 ug/ml

Instrument :
FID_E
ClientSampleId :



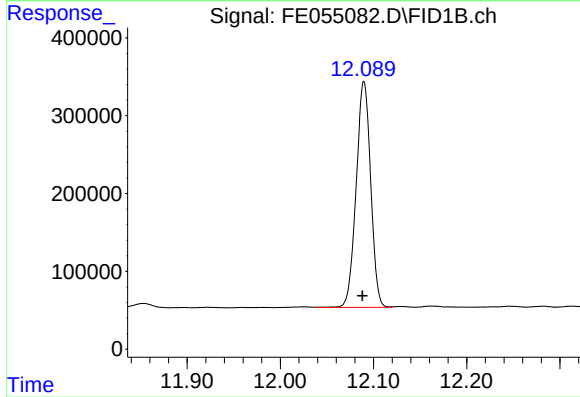
#7 n-Hexadecane (C16)

R.T.: 10.313 min
Delta R.T.: 0.002 min
Response: 30725
Conc: 0.23 ug/ml



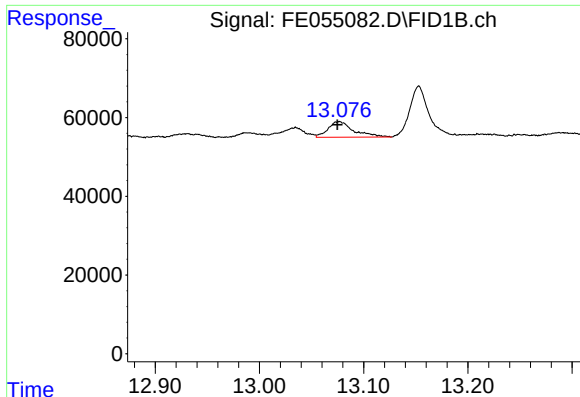
#8 n-Octadecane (C18)

R.T.: 11.762 min
Delta R.T.: 0.001 min
Response: 54584
Conc: 0.40 ug/ml



#9 ortho-Terphenyl (SURR)

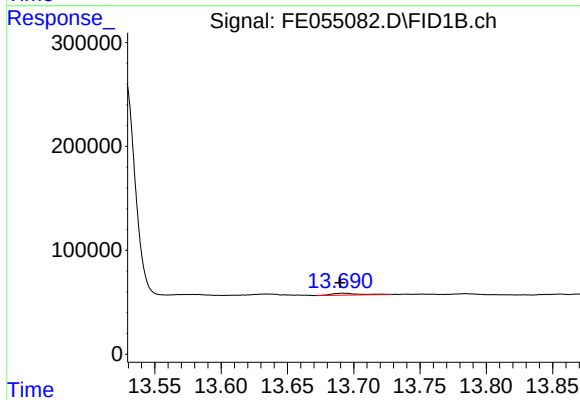
R.T.: 12.090 min
Delta R.T.: 0.002 min
Response: 3139965
Conc: 21.21 ug/ml



#10 n-Eicosane (C20)

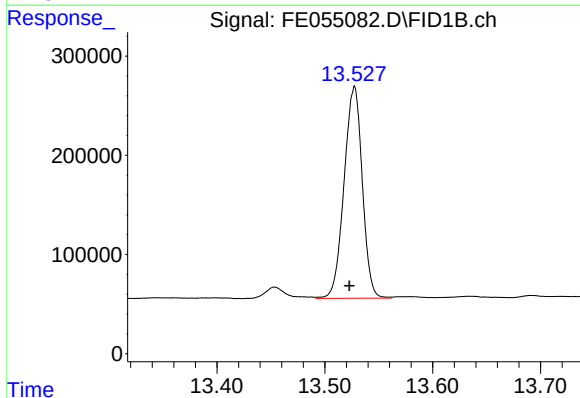
R.T.: 13.076 min
Delta R.T.: 0.002 min
Response: 67719
Conc: 0.52 ug/ml

Instrument :
FID_E
ClientSampleId :



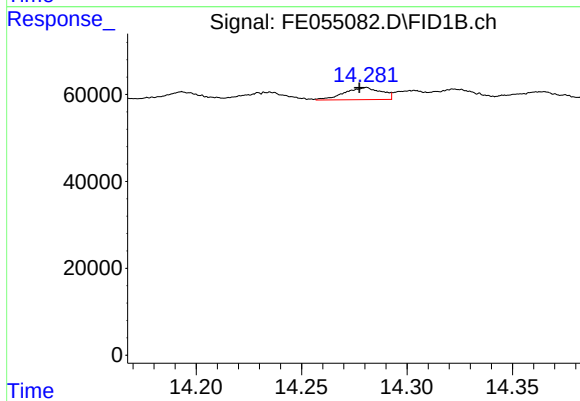
#11 n-Heneicosane (C21)

R.T.: 13.692 min
Delta R.T.: 0.002 min
Response: 25213
Conc: 0.20 ug/ml



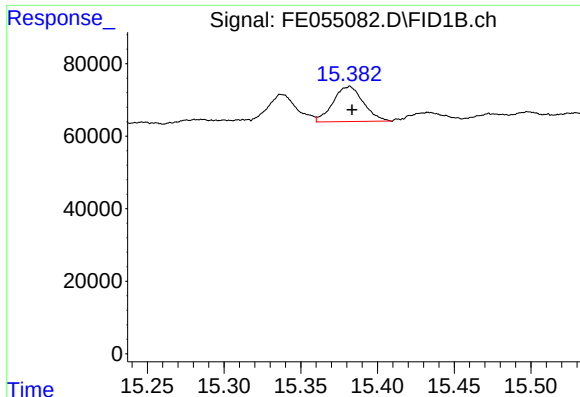
#12 1-chlorooctadecane (SURR)

R.T.: 13.527 min
Delta R.T.: 0.004 min
Response: 2505685
Conc: 22.38 ug/ml



#13 n-Docosane (C22)

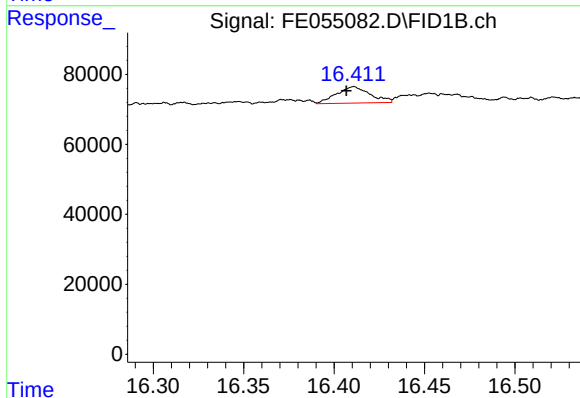
R.T.: 14.280 min
Delta R.T.: 0.003 min
Response: 33859
Conc: 0.27 ug/ml



#14 n-Tetracosane (C24)

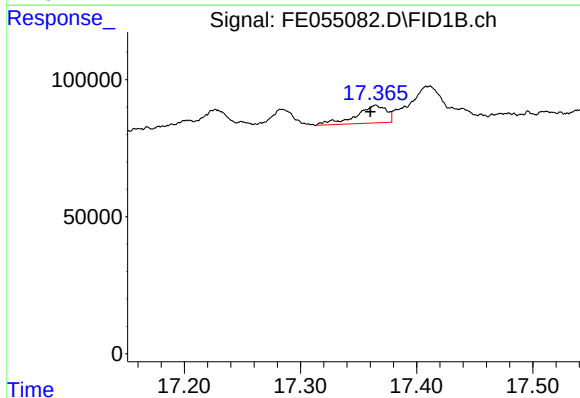
R.T.: 15.381 min
Delta R.T.: -0.002 min
Response: 133011
Conc: 1.06 ug/ml

Instrument :
FID_E
ClientSampleId :



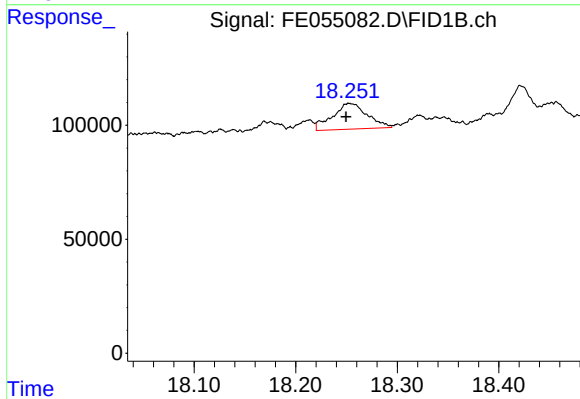
#15 n-Hexacosane (C26)

R.T.: 16.411 min
Delta R.T.: 0.004 min
Response: 60940
Conc: 0.49 ug/ml



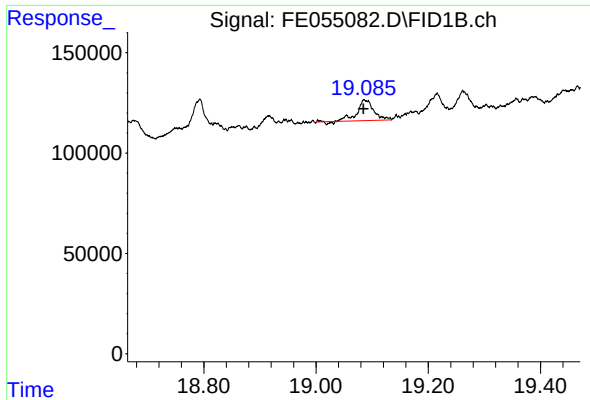
#16 n-Octacosane (C28)

R.T.: 17.365 min
Delta R.T.: 0.005 min
Response: 118380
Conc: 0.95 ug/ml



#17 n-Tricontane (C30)

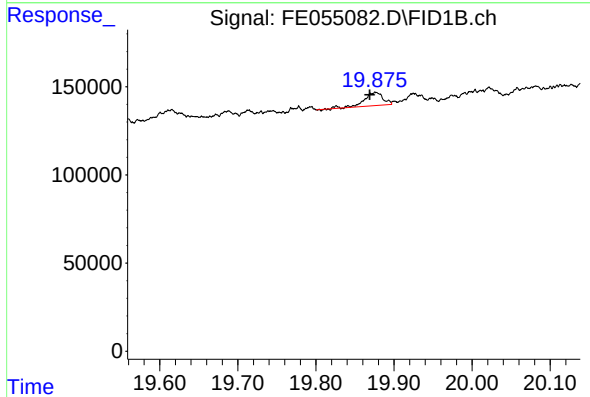
R.T.: 18.253 min
Delta R.T.: 0.004 min
Response: 268146
Conc: 2.05 ug/ml



#18 n-Dotriacontane (C32)

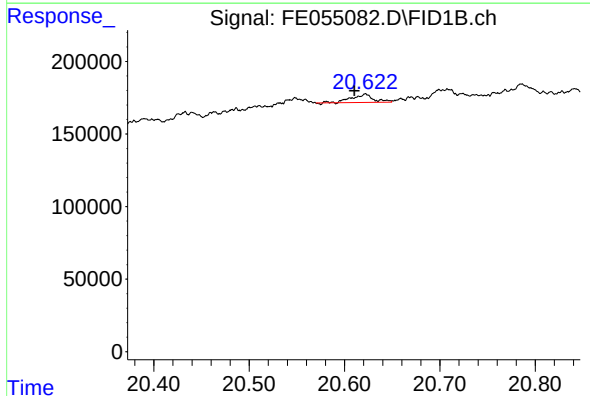
R.T.: 19.087 min
Delta R.T.: 0.003 min
Response: 205545
Conc: 1.58 ug/ml

Instrument :
FID_E
ClientSampleId :



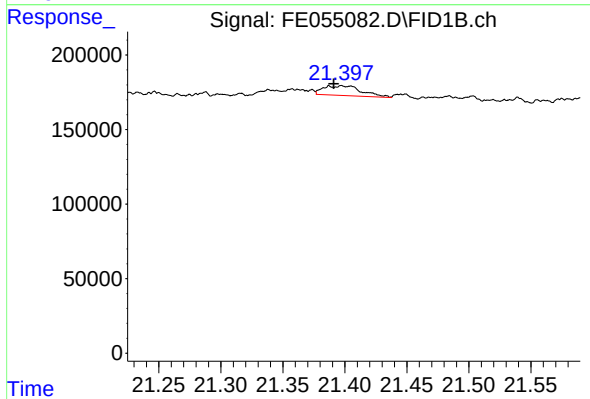
#19 n-Tetratriacontane (C34)

R.T.: 19.876 min
Delta R.T.: 0.007 min
Response: 123863
Conc: 1.00 ug/ml



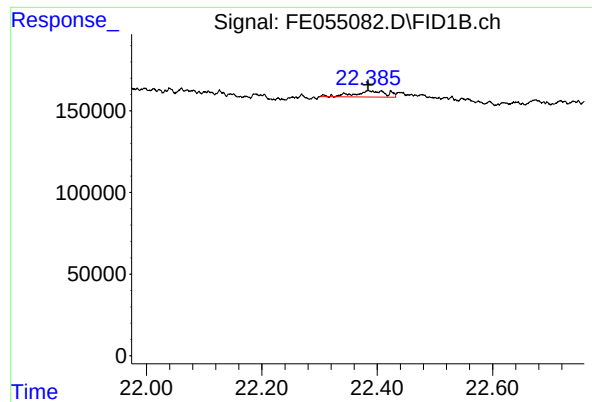
#20 n-Hexatriacontane (C36)

R.T.: 20.622 min
Delta R.T.: 0.011 min
Response: 91556
Conc: 0.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.399 min
Delta R.T.: 0.008 min
Response: 138896
Conc: 1.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.385 min
Delta R.T.: 0.000 min
Response: 148525
Conc: 1.35 ug/ml

Instrument :
FID_E
ClientSampleId :