

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041323AL\
 Data File : FE041350.D
 Signal(s) : FID1B.ch
 Acq On : 13 Apr 2023 18:56
 Operator : YP\AJ
 Sample : 02284-02DL 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 14 01:05:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 2023
 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)	11.837	2789442	14.842 ug/ml
Spiked Amount 50.000		Recovery =	29.68%
12) S 1-chlorooctadecane (S...	13.276	2264855	15.741 ug/ml
Spiked Amount 50.000		Recovery =	31.48%
Target Compounds			
7) T n-Hexadecane (C16)	10.080	20272	0.114 ug/ml
8) T n-Octadecane (C18)	11.612f	25406	0.142 ug/ml
10) T n-Eicosane (C20)	12.833	28045	0.164 ug/ml
11) T n-Heneicosane (C21)	13.443	37938	0.224 ug/ml
13) T n-Docosane (C22)	14.084	29156	0.176 ug/ml
14) T n-Tetracosane (C24)	15.153	70314	0.435 ug/ml
15) T n-Hexacosane (C26)	16.157	37403	0.241 ug/ml
16) T n-Octacosane (C28)	17.123	128095	0.836 ug/ml
17) T n-Tricontane (C30)	18.037	77962	0.510 ug/ml
18) T n-Dotriacontane (C32)	18.826	206862	1.325 ug/ml
19) T n-Tetratriacontane (C34)	19.641	275958	1.781 ug/ml
20) T n-Hexatriacontane (C36)	20.387	81404	0.536 ug/ml
21) T n-Octatriacontane (C38)	21.118	10742	0.069 ug/ml
22) T n-Tetracontane (C40)	21.985	134204	0.841 ug/ml

(f)=RT Delta > 1/2 Window

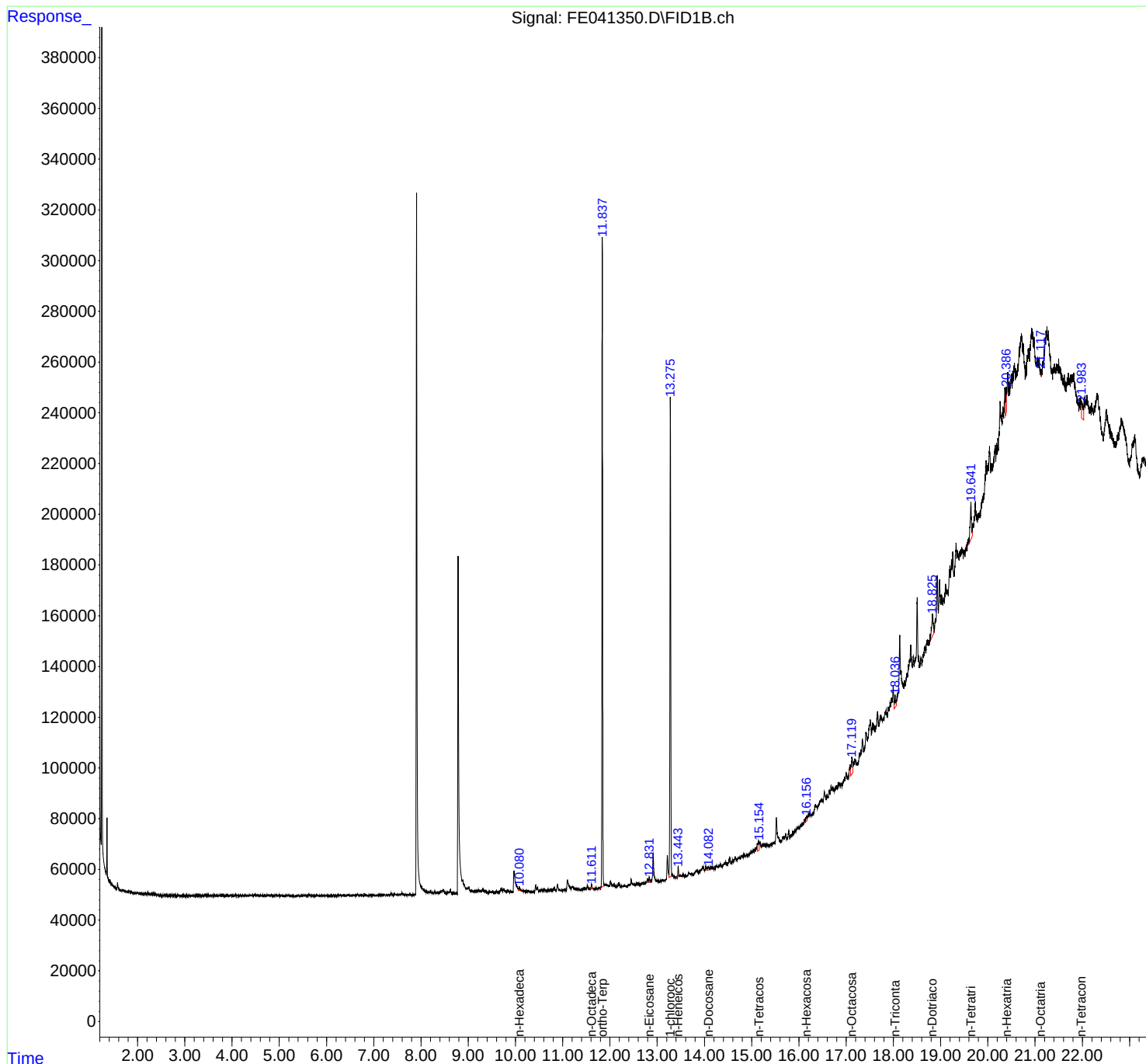
(m)=manual int.

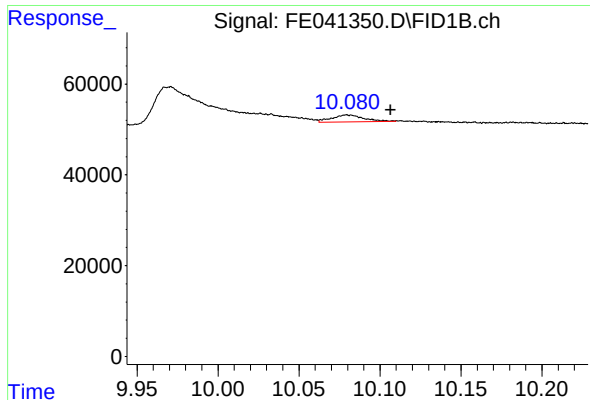
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

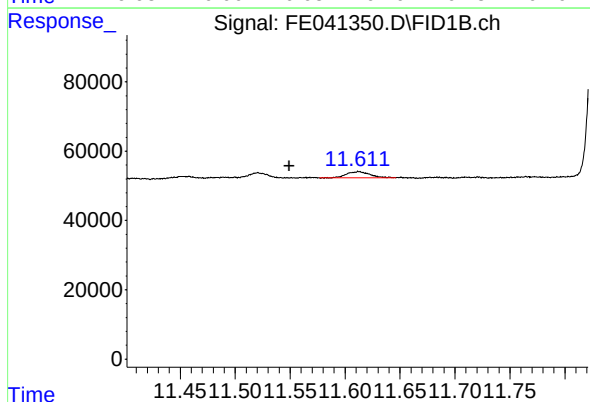




#7 n-Hexadecane (C16)

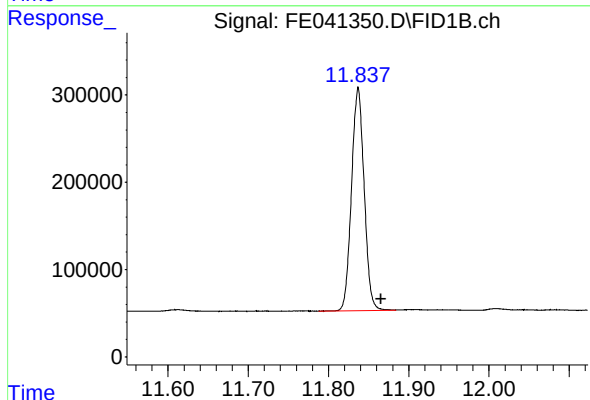
R.T.: 10.080 min
Delta R.T.: -0.027 min
Response: 20272
Conc: 0.11 ug/ml

Instrument :
FID_E
ClientSampleId :



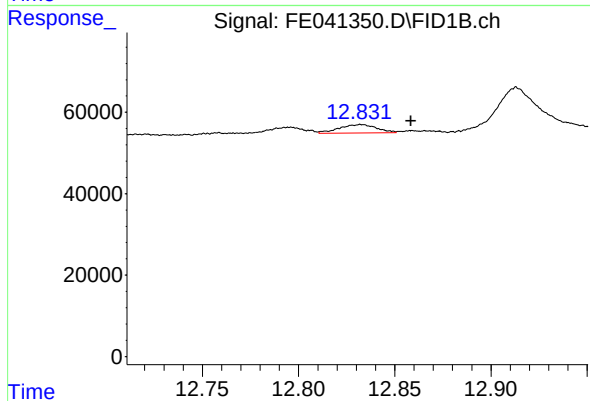
#8 n-Octadecane (C18)

R.T.: 11.612 min
Delta R.T.: 0.063 min
Response: 25406
Conc: 0.14 ug/ml



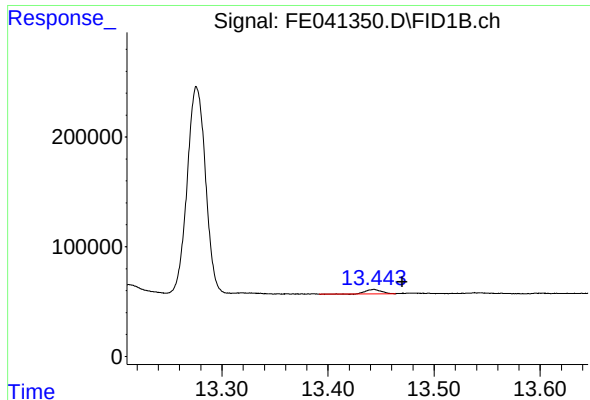
#9 ortho-Terphenyl (SURR)

R.T.: 11.837 min
Delta R.T.: -0.028 min
Response: 2789442
Conc: 14.84 ug/ml



#10 n-Eicosane (C20)

R.T.: 12.833 min
Delta R.T.: -0.026 min
Response: 28045
Conc: 0.16 ug/ml



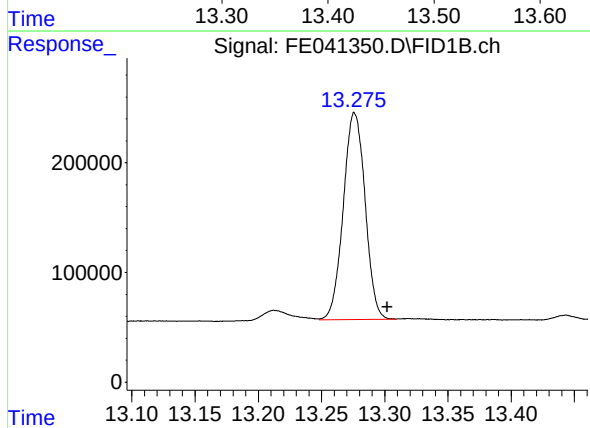
#11 n-Heneicosane (C21)

R.T.: 13.443 min
Delta R.T.: -0.027 min
Response: 37938
Conc: 0.22 ug/ml

Instrument :

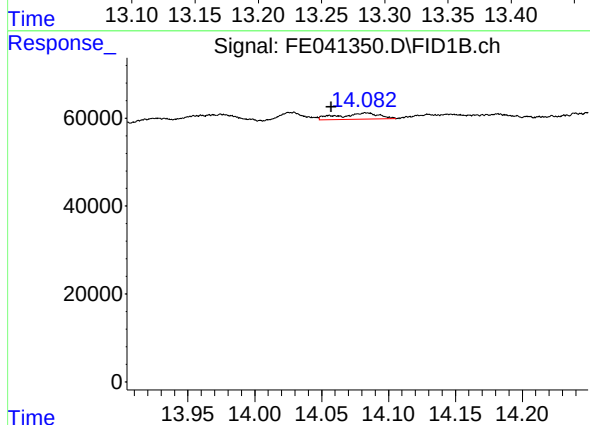
FID_E

ClientSampleId :



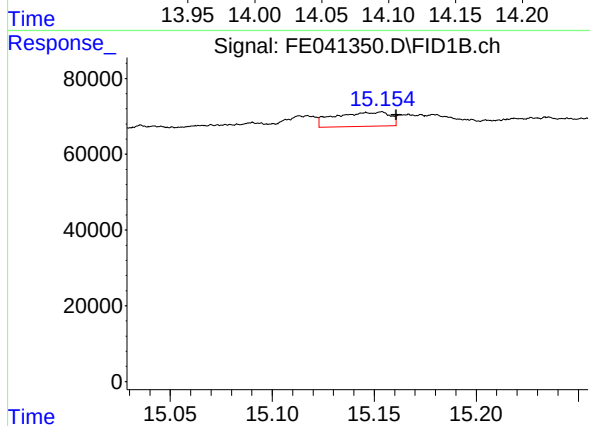
#12 1-chlorooctadecane (SURR)

R.T.: 13.276 min
Delta R.T.: -0.026 min
Response: 2264855
Conc: 15.74 ug/ml



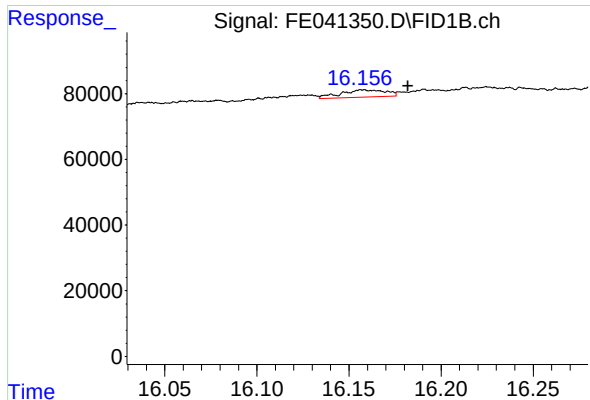
#13 n-Docosane (C22)

R.T.: 14.084 min
Delta R.T.: 0.027 min
Response: 29156
Conc: 0.18 ug/ml



#14 n-Tetracosane (C24)

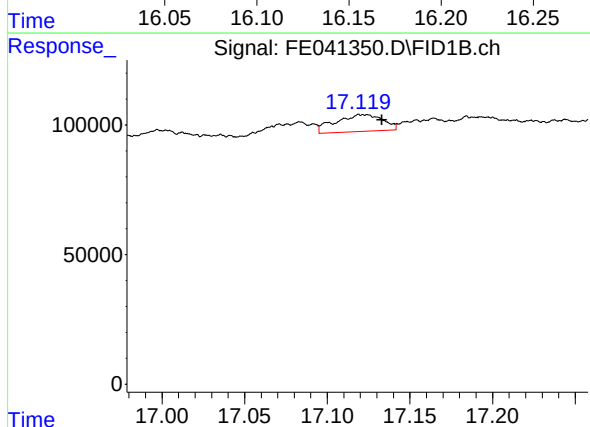
R.T.: 15.153 min
Delta R.T.: -0.007 min
Response: 70314
Conc: 0.43 ug/ml



#15 n-Hexacosane (C26)

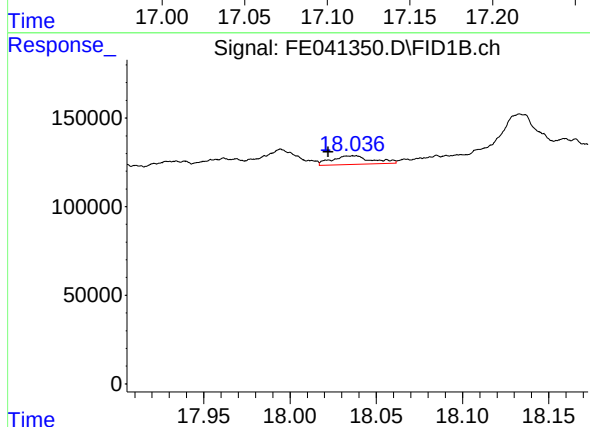
R.T.: 16.157 min
Delta R.T.: -0.025 min
Response: 37403
Conc: 0.24 ug/ml

Instrument :
FID_E
ClientSampleId :



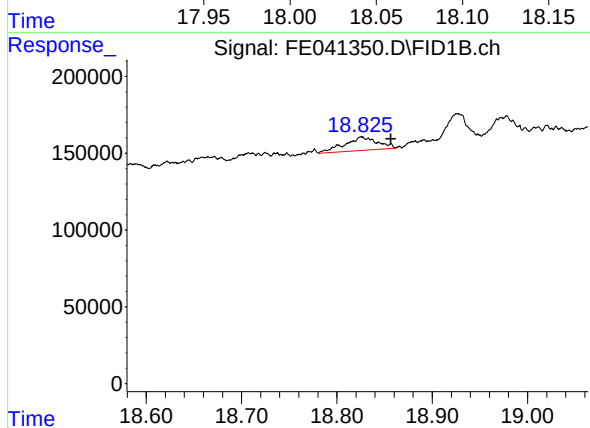
#16 n-Octacosane (C28)

R.T.: 17.123 min
Delta R.T.: -0.010 min
Response: 128095
Conc: 0.84 ug/ml



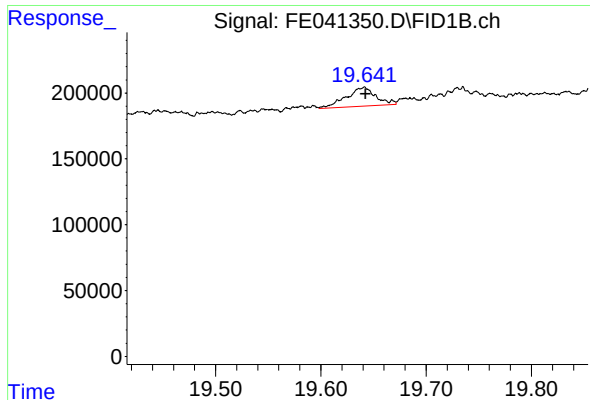
#17 n-Tricontane (C30)

R.T.: 18.037 min
Delta R.T.: 0.014 min
Response: 77962
Conc: 0.51 ug/ml



#18 n-Dotriacontane (C32)

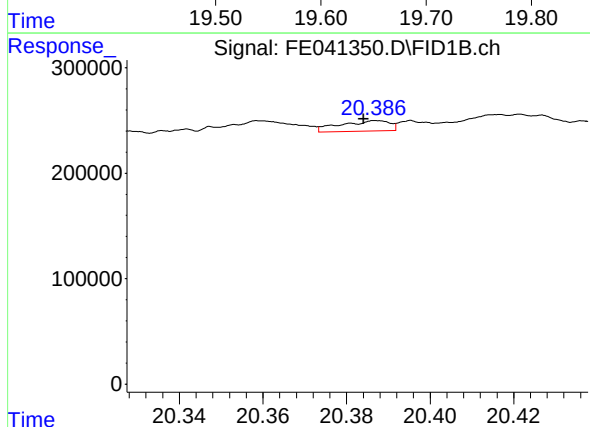
R.T.: 18.826 min
Delta R.T.: -0.031 min
Response: 206862
Conc: 1.32 ug/ml



#19 n-Tetratriacontane (C34)

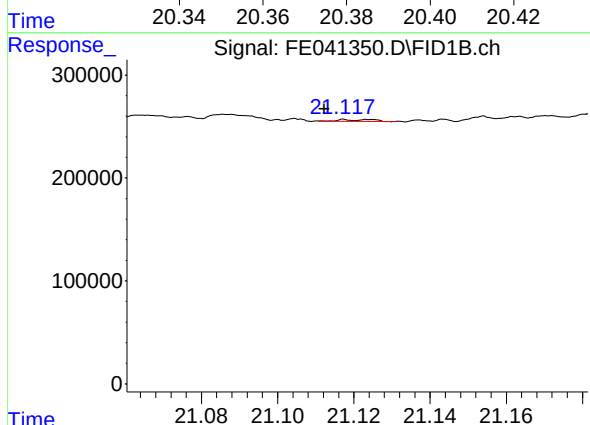
R.T.: 19.641 min
Delta R.T.: -0.001 min
Response: 275958
Conc: 1.78 ug/ml

Instrument :
FID_E
ClientSampleId :



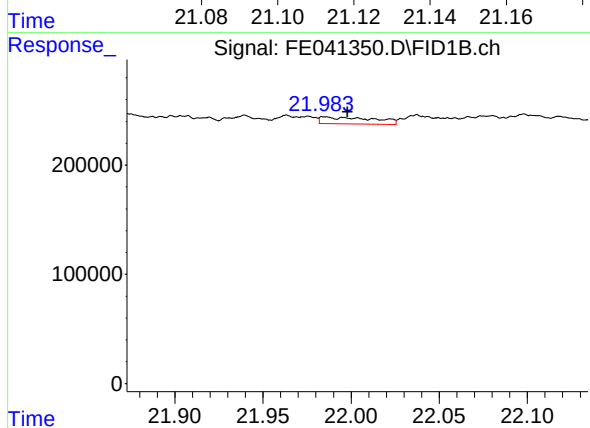
#20 n-Hexatriacontane (C36)

R.T.: 20.387 min
Delta R.T.: 0.003 min
Response: 81404
Conc: 0.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.118 min
Delta R.T.: 0.005 min
Response: 10742
Conc: 0.07 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.985 min
Delta R.T.: -0.013 min
Response: 134204
Conc: 0.84 ug/ml