

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012224AL\
 Data File : FE046344.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jan 2024 18:03
 Operator : YP\AJ
 Sample : P1203-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 23 00:34:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.825	6869864	37.804 ug/ml
Spiked Amount 50.000		Recovery =	75.61%
12) S 1-chlorooctadecane (S...	13.268	5199374	38.914 ug/ml
Spiked Amount 50.000		Recovery =	77.83%
Target Compounds			
6) T n-Tetradecane (C14)	8.455	58839	0.378 ug/ml
7) T n-Hexadecane (C16)	10.065	115005	0.726 ug/ml
8) T n-Octadecane (C18)	11.508	112069	0.712 ug/ml
10) T n-Eicosane (C20)	12.819	108915	0.720 ug/ml
11) T n-Heneicosane (C21)	13.432	74435	0.506 ug/ml
13) T n-Docosane (C22)	14.020	48935	0.335 ug/ml
14) T n-Tetracosane (C24)	15.127	201765	1.391 ug/ml
15) T n-Hexacosane (C26)	16.148	32749	0.228 ug/ml
16) T n-Octacosane (C28)	17.145	34859	0.243 ug/ml
17) T n-Tricontane (C30)	17.988	57703	0.388 ug/ml
18) T n-Dotriacontane (C32)	18.822	73673	0.493 ug/ml
19) T n-Tetratriacontane (C34)	19.618	51247	0.358 ug/ml
20) T n-Hexatriacontane (C36)	20.352	46211	0.317 ug/ml
21) T n-Octatriacontane (C38)	21.086	64905	0.440 ug/ml

(f)=RT Delta > 1/2 Window

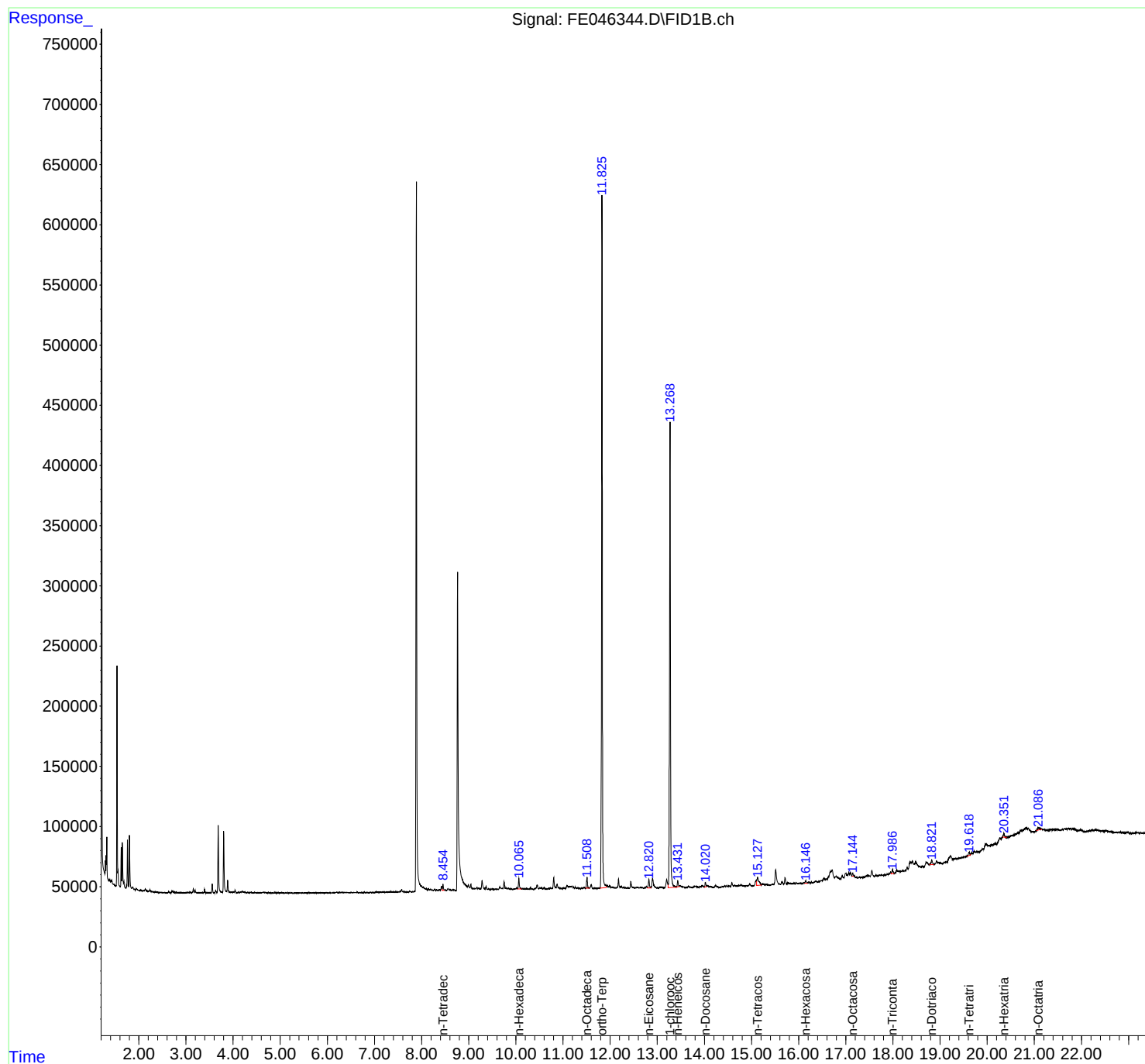
(m)=manual int.

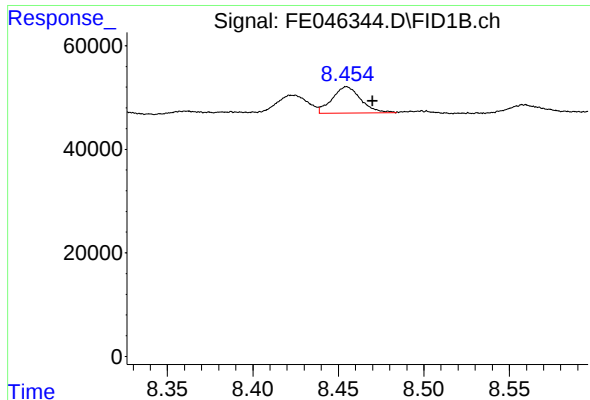
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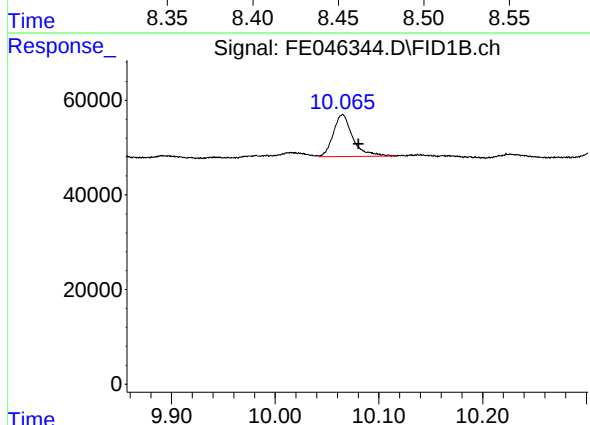




#6 n-Tetradecane (C14)

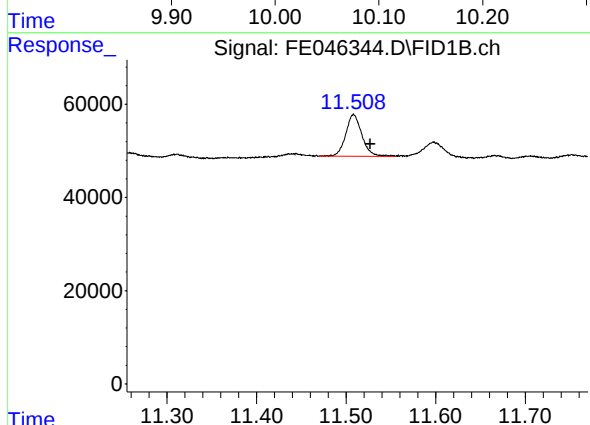
R.T.: 8.455 min
Delta R.T.: -0.015 min
Response: 58839
Conc: 0.38 ug/ml

Instrument :
FID_E
ClientSampleId :



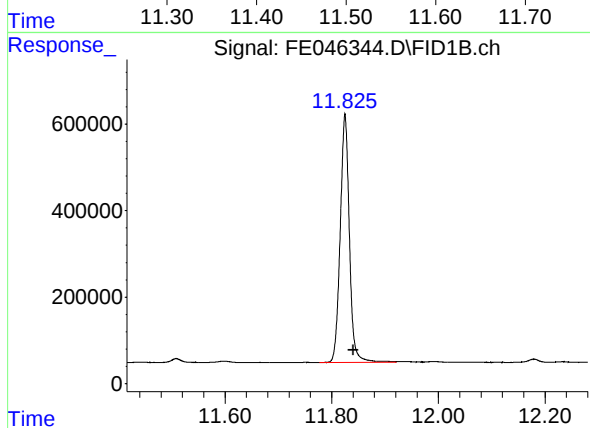
#7 n-Hexadecane (C16)

R.T.: 10.065 min
Delta R.T.: -0.016 min
Response: 115005
Conc: 0.73 ug/ml



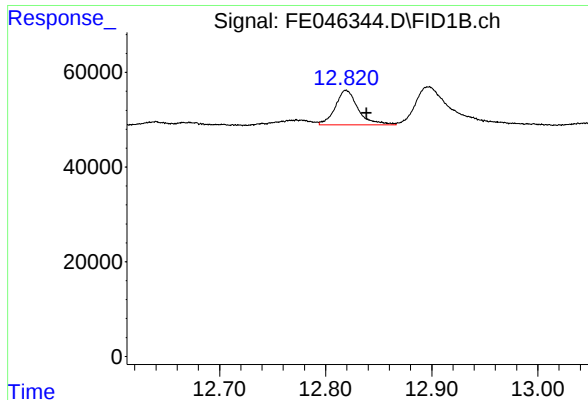
#8 n-Octadecane (C18)

R.T.: 11.508 min
Delta R.T.: -0.018 min
Response: 112069
Conc: 0.71 ug/ml



#9 ortho-Terphenyl (SURR)

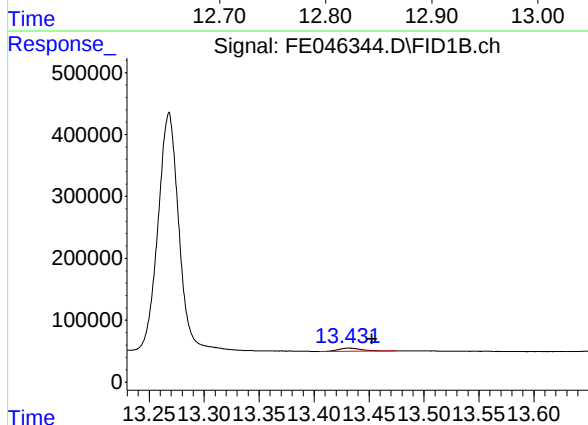
R.T.: 11.825 min
Delta R.T.: -0.015 min
Response: 6869864
Conc: 37.80 ug/ml



#10 n-Eicosane (C20)

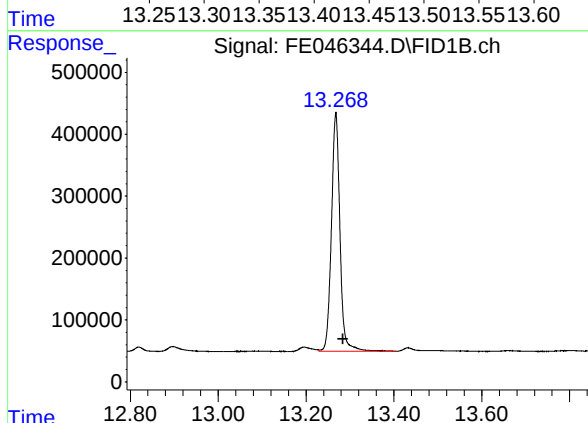
R.T.: 12.819 min
Delta R.T.: -0.020 min
Response: 108915
Conc: 0.72 ug/ml

Instrument :
FID_E
ClientSampleId :



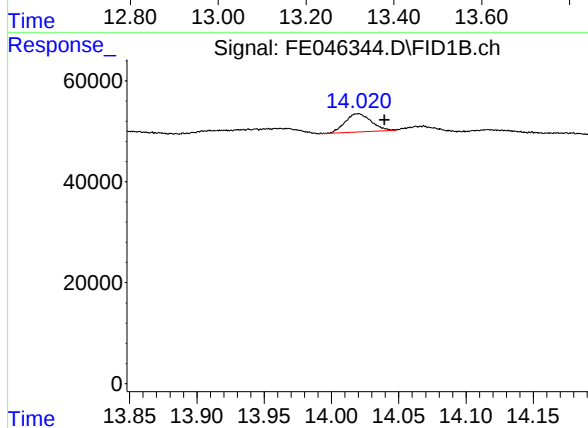
#11 n-Heneicosane (C21)

R.T.: 13.432 min
Delta R.T.: -0.021 min
Response: 74435
Conc: 0.51 ug/ml



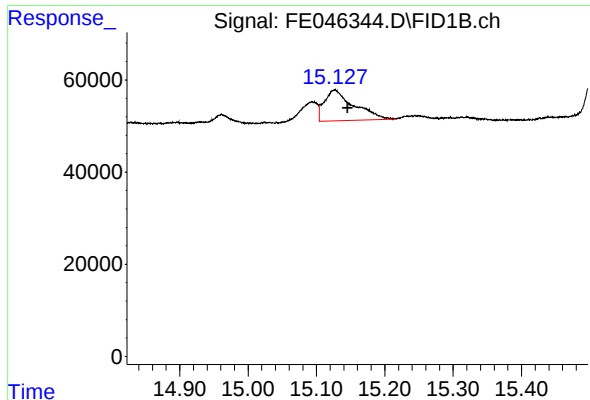
#12 1-chlorooctadecane (SURR)

R.T.: 13.268 min
Delta R.T.: -0.016 min
Response: 5199374
Conc: 38.91 ug/ml



#13 n-Docosane (C22)

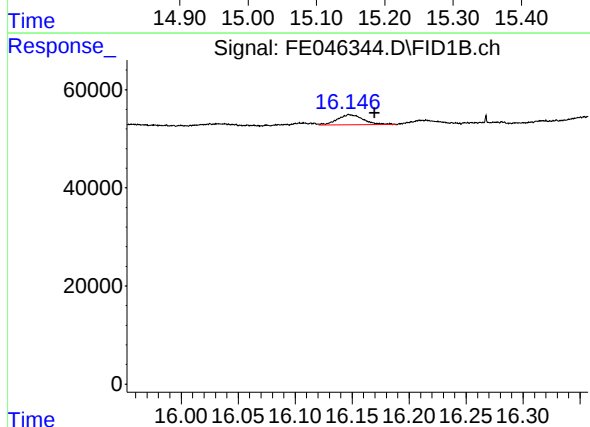
R.T.: 14.020 min
Delta R.T.: -0.020 min
Response: 48935
Conc: 0.33 ug/ml



#14 n-Tetracosane (C24)

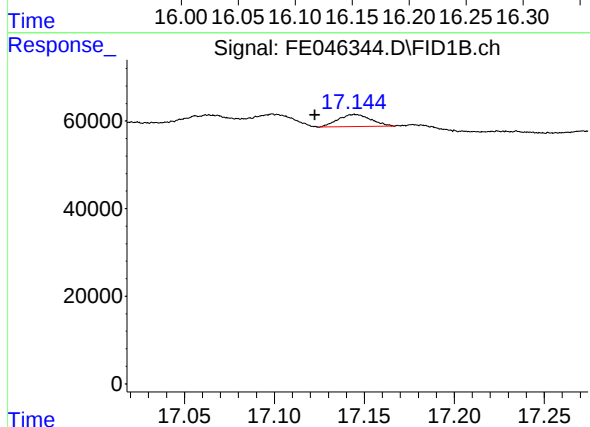
R.T.: 15.127 min
Delta R.T.: -0.018 min
Response: 201765
Conc: 1.39 ug/ml

Instrument :
FID_E
ClientSampleId :



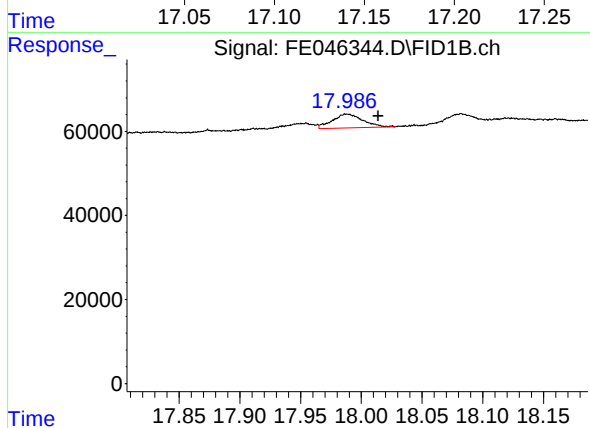
#15 n-Hexacosane (C26)

R.T.: 16.148 min
Delta R.T.: -0.022 min
Response: 32749
Conc: 0.23 ug/ml



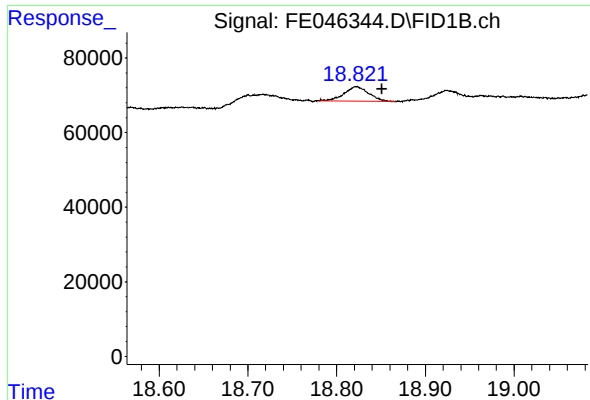
#16 n-Octacosane (C28)

R.T.: 17.145 min
Delta R.T.: 0.022 min
Response: 34859
Conc: 0.24 ug/ml



#17 n-Tricontane (C30)

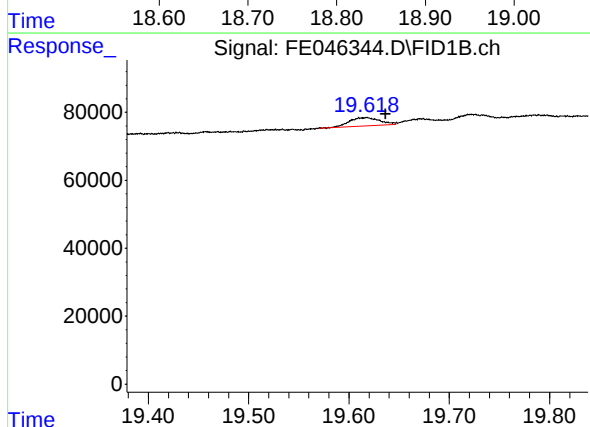
R.T.: 17.988 min
Delta R.T.: -0.026 min
Response: 57703
Conc: 0.39 ug/ml



#18 n-Dotriacontane (C32)

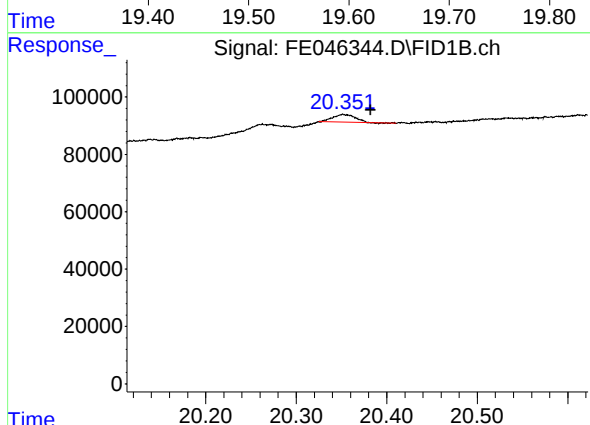
R.T.: 18.822 min
Delta R.T.: -0.029 min
Response: 73673
Conc: 0.49 ug/ml

Instrument :
FID_E
ClientSampleId :



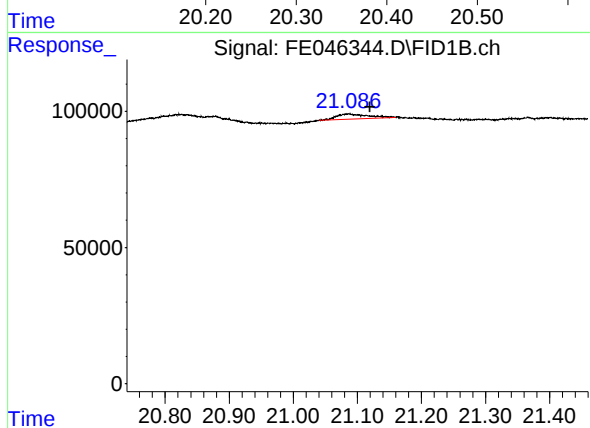
#19 n-Tetratriacontane (C34)

R.T.: 19.618 min
Delta R.T.: -0.019 min
Response: 51247
Conc: 0.36 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.352 min
Delta R.T.: -0.030 min
Response: 46211
Conc: 0.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.086 min
Delta R.T.: -0.033 min
Response: 64905
Conc: 0.44 ug/ml