

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091523AL\
 Data File : FD046499.D
 Signal(s) : FID2B.ch
 Acq On : 15 Sep 2023 04:33
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Sep 15 05:12:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 05:12:05 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)	11.379	1122421	5.274 ug/ml
Spiked Amount 50.000		Recovery =	10.55%
12) S 1-chlorooctadecane (S...	12.815	821165	5.211 ug/ml
Spiked Amount 50.000		Recovery =	10.42%
Target Compounds			
1) T n-Nonane (C9)	3.219	878512	5.313 ug/ml
2) T n-Decane (C10)	4.271	893106	5.298 ug/ml
3) T A~Naphthalene (C11.7)	5.831	977352	5.233 ug/ml
4) T n-Dodecane (C12)	6.271	896164	5.276 ug/ml
5) T A~2-methylnaphthalene...	6.878	933744	5.167 ug/ml
6) T n-Tetradecane (C14)	8.055	891053	5.266 ug/ml
7) T n-Hexadecane (C16)	9.645	921227	5.215 ug/ml
8) T n-Octadecane (C18)	11.076	961245	5.243 ug/ml
10) T n-Eicosane (C20)	12.376	950793	5.259 ug/ml
11) T n-Heneicosane (C21)	12.983	945426	5.258 ug/ml
13) T n-Docosane (C22)	13.566	954616	5.285 ug/ml
14) T n-Tetracosane (C24)	14.660	988017	5.390 ug/ml
15) T n-Hexacosane (C26)	15.673	962827	5.381 ug/ml
16) T n-Octacosane (C28)	16.616	931873	5.399 ug/ml
17) T n-Tricontane (C30)	17.496	958386	5.574 ug/ml
18) T n-Dotriacontane (C32)	18.321	922333	5.640 ug/ml
19) T n-Tetratriacontane (C34)	19.098	836654	5.368 ug/ml
20) T n-Hexatriacontane (C36)	19.832	753824	5.361 ug/ml
21) T n-Octatriacontane (C38)	20.530	709143	5.296 ug/ml
22) T n-Tetracontane (C40)	21.343	658627	5.210 ug/ml

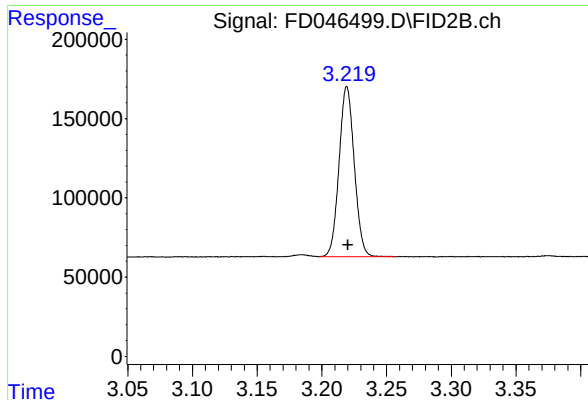
(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :
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5 PPM ALIPHATIC HC STD5

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

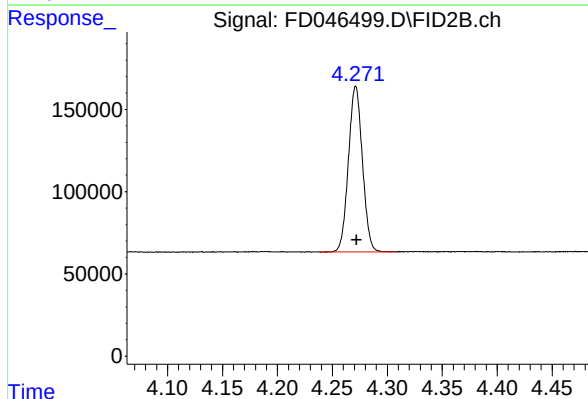




#1 n-Nonane (C9)

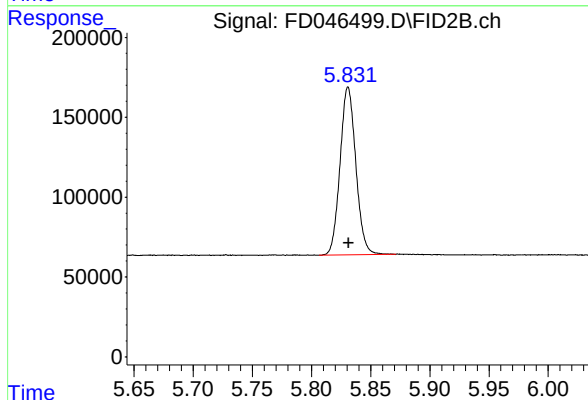
R.T.: 3.219 min
Delta R.T.: 0.000 min
Response: 878512
Conc: 5.31 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



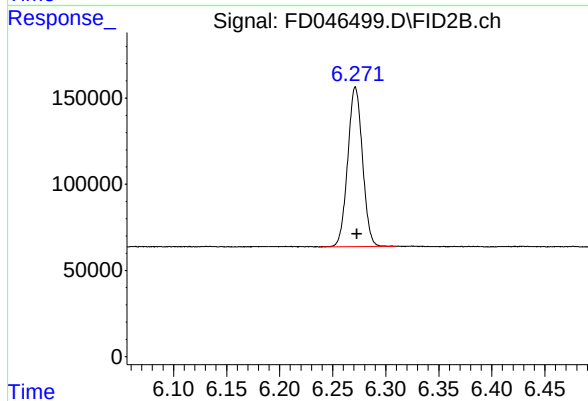
#2 n-Decane (C10)

R.T.: 4.271 min
Delta R.T.: 0.000 min
Response: 893106
Conc: 5.30 ug/ml



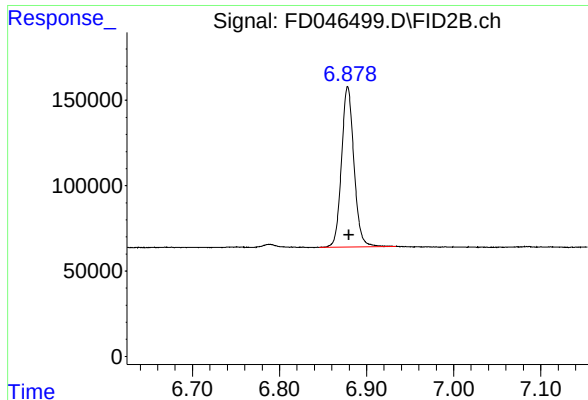
#3 A~Naphthalene (C11.7)

R.T.: 5.831 min
Delta R.T.: 0.000 min
Response: 977352
Conc: 5.23 ug/ml



#4 n-Dodecane (C12)

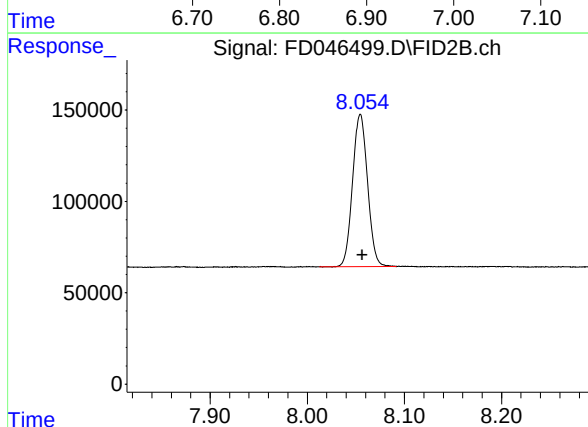
R.T.: 6.271 min
Delta R.T.: -0.001 min
Response: 896164
Conc: 5.28 ug/ml



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

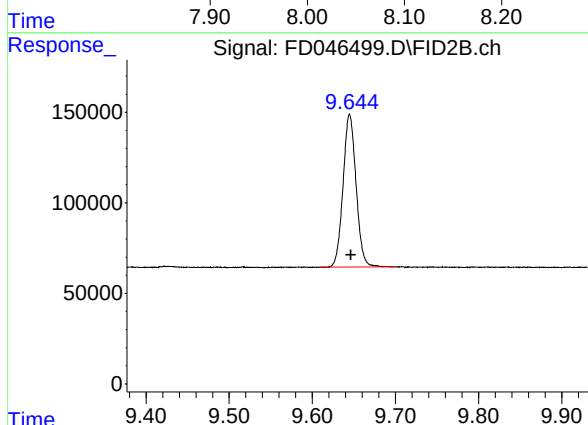
R.T.: 6.878 min
Delta R.T.: -0.001 min
Response: 933744
Conc: 5.17 ug/ml

Instrument :
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5 PPM ALIPHATIC HC STD5



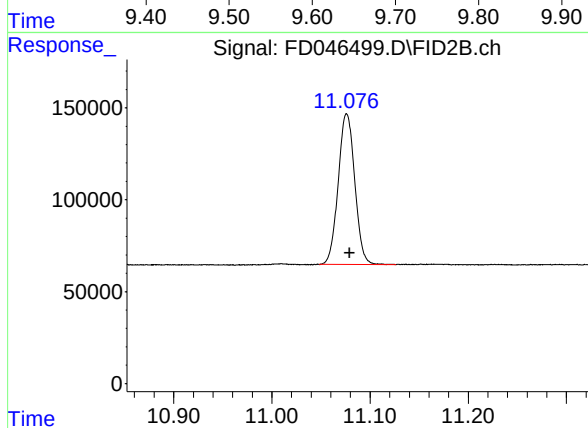
#6 n-Tetradecane (C14)

R.T.: 8.055 min
Delta R.T.: -0.002 min
Response: 891053
Conc: 5.27 ug/ml



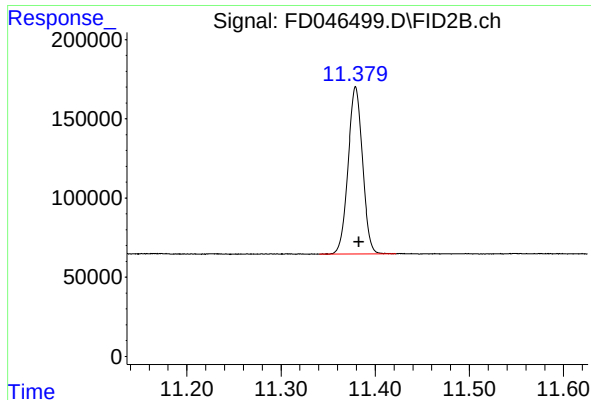
#7 n-Hexadecane (C16)

R.T.: 9.645 min
Delta R.T.: -0.002 min
Response: 921227
Conc: 5.21 ug/ml



#8 n-Octadecane (C18)

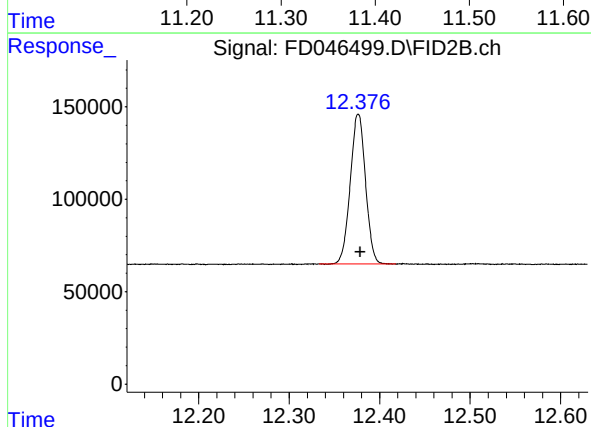
R.T.: 11.076 min
Delta R.T.: -0.003 min
Response: 961245
Conc: 5.24 ug/ml



#9 ortho-Terphenyl (SURR)

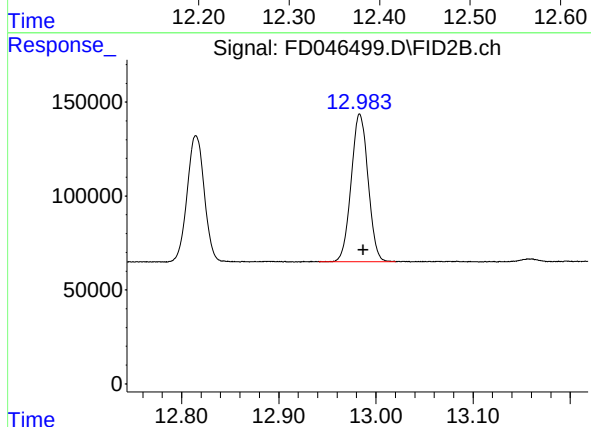
R.T.: 11.379 min
Delta R.T.: -0.004 min
Response: 1122421
Conc: 5.27 ug/ml

Instrument :
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ClientSampleId :
5 PPM ALIPHATIC HC STD5



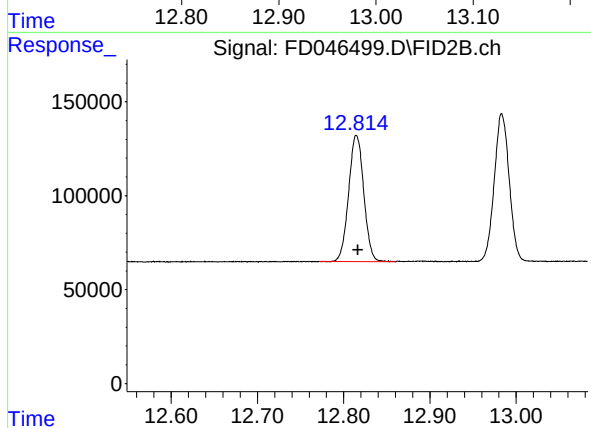
#10 n-Eicosane (C20)

R.T.: 12.376 min
Delta R.T.: -0.002 min
Response: 950793
Conc: 5.26 ug/ml



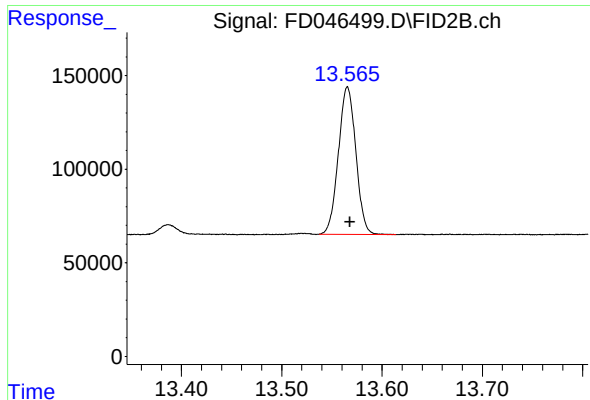
#11 n-Heneicosane (C21)

R.T.: 12.983 min
Delta R.T.: -0.004 min
Response: 945426
Conc: 5.26 ug/ml



#12 1-chlorooctadecane (SURR)

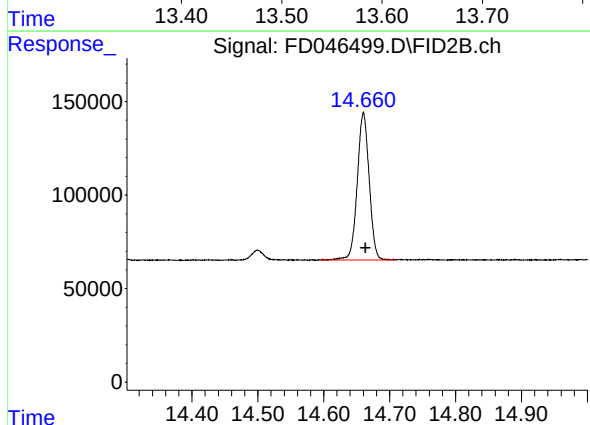
R.T.: 12.815 min
Delta R.T.: -0.002 min
Response: 821165
Conc: 5.21 ug/ml



#13 n-Docosane (C22)

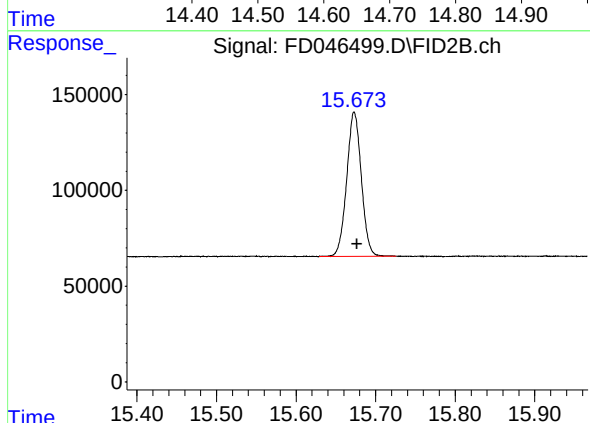
R.T.: 13.566 min
Delta R.T.: -0.003 min
Response: 954616
Conc: 5.29 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



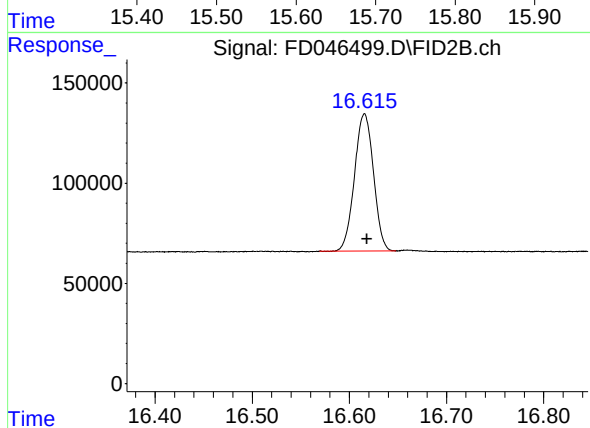
#14 n-Tetracosane (C24)

R.T.: 14.660 min
Delta R.T.: -0.003 min
Response: 988017
Conc: 5.39 ug/ml



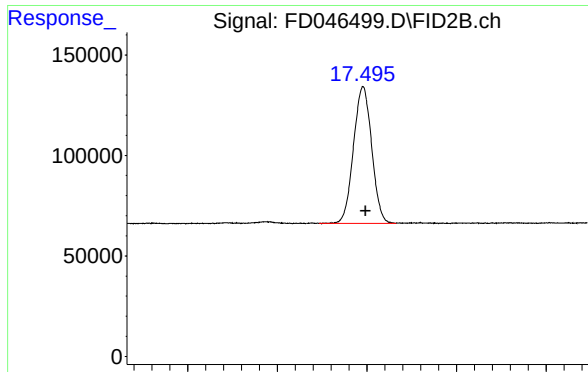
#15 n-Hexacosane (C26)

R.T.: 15.673 min
Delta R.T.: -0.003 min
Response: 962827
Conc: 5.38 ug/ml



#16 n-Octacosane (C28)

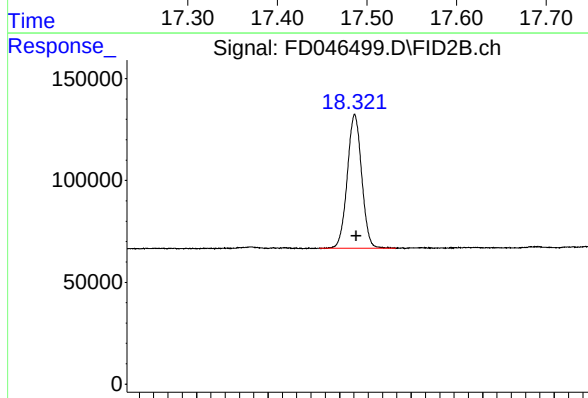
R.T.: 16.616 min
Delta R.T.: -0.003 min
Response: 931873
Conc: 5.40 ug/ml



#17 n-Tricontane (C30)

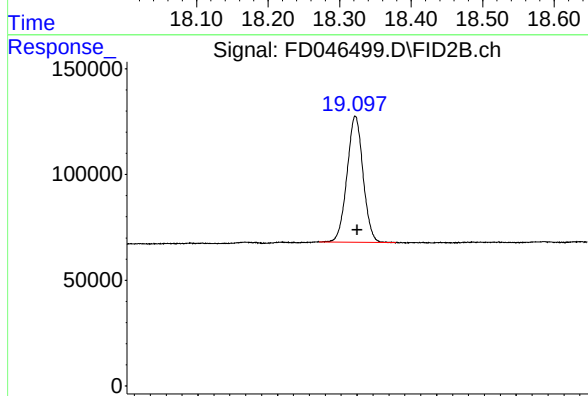
R.T.: 17.496 min
Delta R.T.: -0.003 min
Response: 958386
Conc: 5.57 ug/ml

Instrument :
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5 PPM ALIPHATIC HC STD5



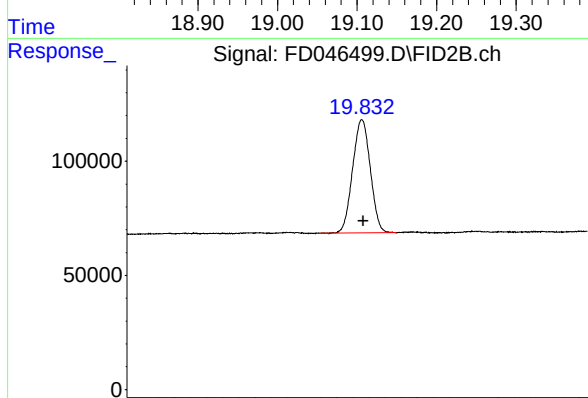
#18 n-Dotriacontane (C32)

R.T.: 18.321 min
Delta R.T.: -0.002 min
Response: 922333
Conc: 5.64 ug/ml



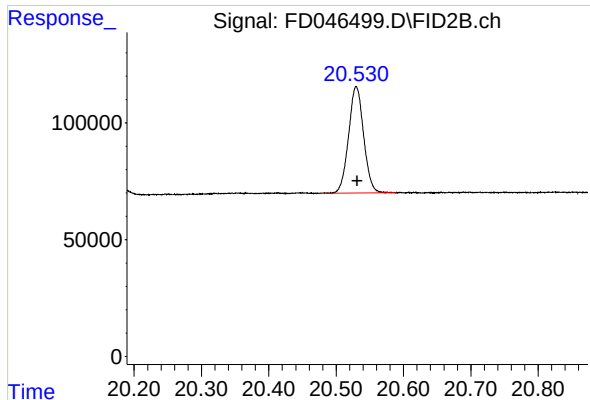
#19 n-Tetatriacontane (C34)

R.T.: 19.098 min
Delta R.T.: -0.002 min
Response: 836654
Conc: 5.37 ug/ml



#20 n-Hexatriacontane (C36)

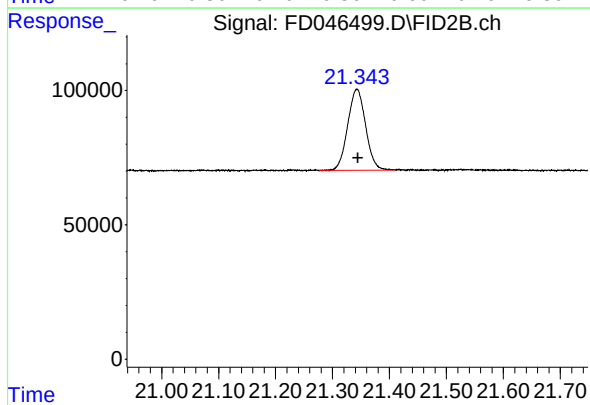
R.T.: 19.832 min
Delta R.T.: -0.002 min
Response: 753824
Conc: 5.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.530 min
Delta R.T.: -0.001 min
Response: 709143
Conc: 5.30 ug/ml

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5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.343 min
Delta R.T.: -0.002 min
Response: 658627
Conc: 5.21 ug/ml