

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071025AL\
 Data File : FE054795.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jul 2025 22:58
 Operator : YP\AJ
 Sample : Q2551-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 VNJ-204

Integration File: autoint1.e
 Quant Time: Jul 11 06:31:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.084	4390000	27.033 ug/ml
Spiked Amount 50.000		Recovery =	54.07%
12) S 1-chlorooctadecane (S...	13.520	3554047	28.141 ug/ml
Spiked Amount 50.000		Recovery =	56.28%
Target Compounds			
6) T n-Tetradecane (C14)	8.686	41875	0.302 ug/ml
7) T n-Hexadecane (C16)	10.326	76547	0.537 ug/ml
8) T n-Octadecane (C18)	11.755	44849	0.306 ug/ml
10) T n-Eicosane (C20)	13.067	71616	0.498 ug/ml
11) T n-Heneicosane (C21)	13.710	68105	0.477 ug/ml
13) T n-Docosane (C22)	14.271	47680	0.334 ug/ml
14) T n-Tetracosane (C24)	15.369	346160	2.381 ug/ml
15) T n-Hexacosane (C26)	16.403	56389	0.390 ug/ml
16) T n-Octacosane (C28)	17.370	144325	0.990 ug/ml
17) T n-Tricontane (C30)	18.246	139842	0.887 ug/ml
18) T n-Dotriacontane (C32)	19.076	209700	1.296 ug/ml
19) T n-Tetratriacontane (C34)	19.865	35053	0.230 ug/ml
20) T n-Hexatriacontane (C36)	20.610	49565	0.369 ug/ml
21) T n-Octatriacontane (C38)	21.375	465535	3.969 ug/ml
22) T n-Tetracontane (C40)	22.382	10764	0.099 ug/ml

(f)=RT Delta > 1/2 Window

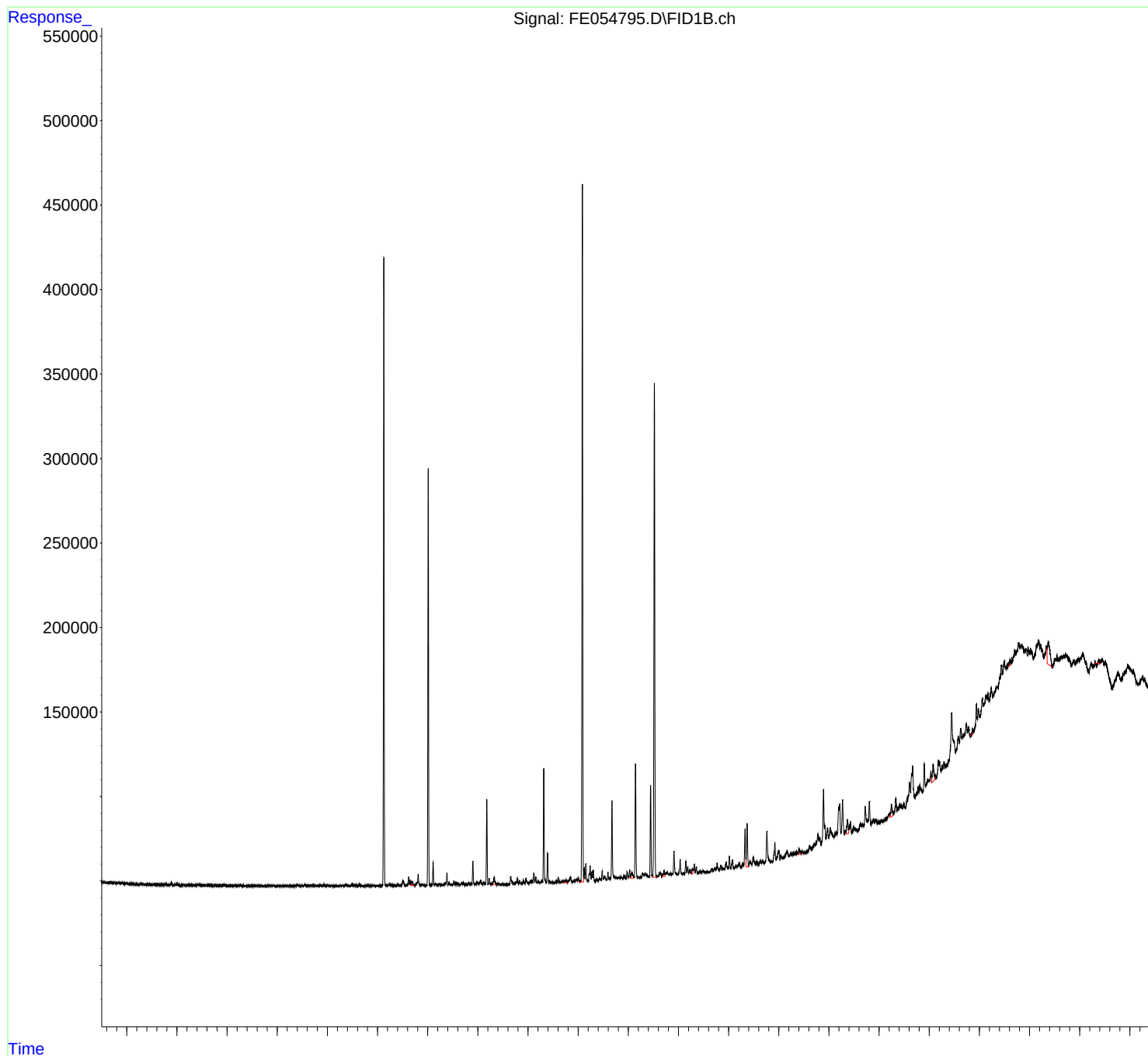
(m)=manual int.

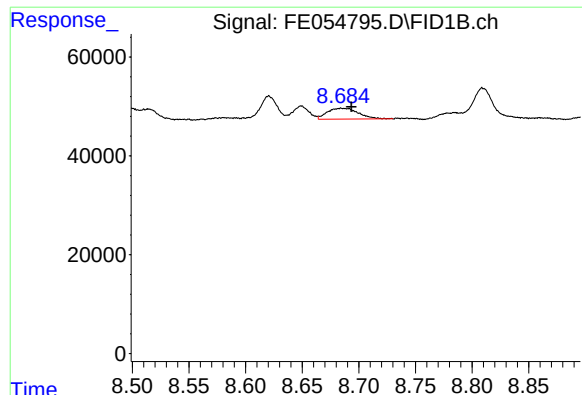
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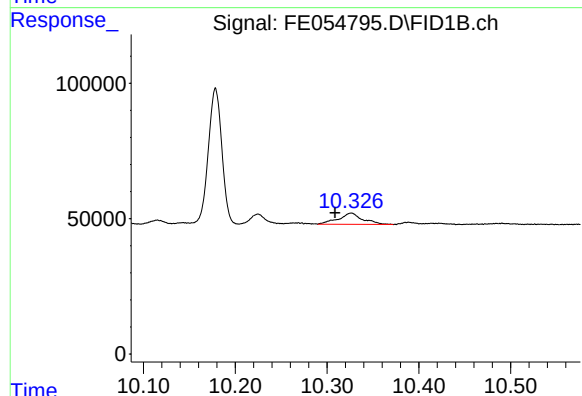




#6 n-Tetradecane (C14)

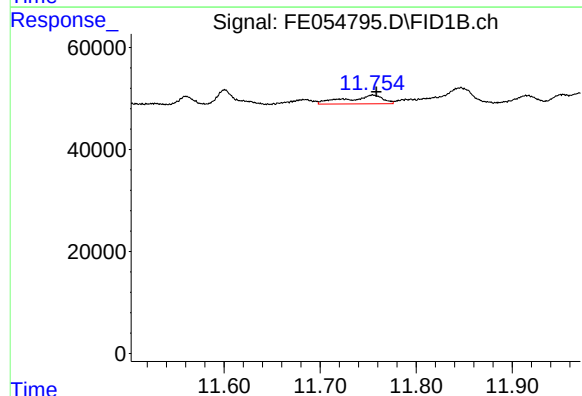
R.T.: 8.686 min
Delta R.T.: -0.007 min
Response: 41875
Conc: 0.30 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-204



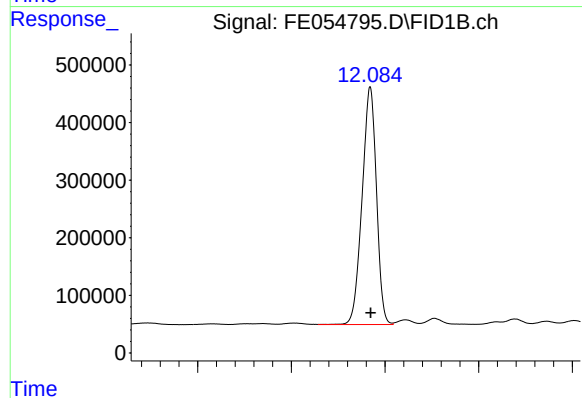
#7 n-Hexadecane (C16)

R.T.: 10.326 min
Delta R.T.: 0.018 min
Response: 76547
Conc: 0.54 ug/ml



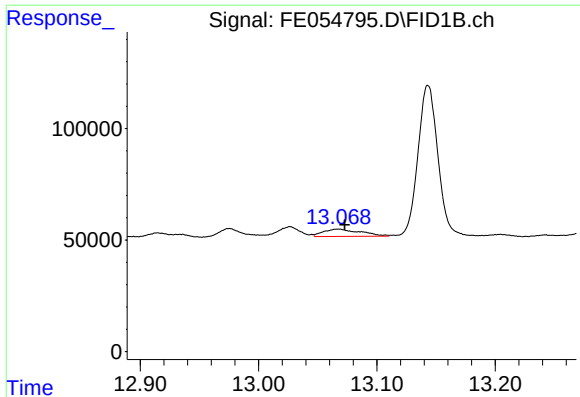
#8 n-Octadecane (C18)

R.T.: 11.755 min
Delta R.T.: -0.003 min
Response: 44849
Conc: 0.31 ug/ml



#9 ortho-Terphenyl (SURR)

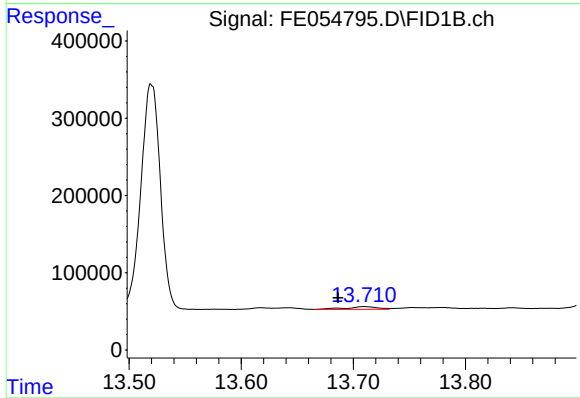
R.T.: 12.084 min
Delta R.T.: 0.000 min
Response: 439000
Conc: 27.03 ug/ml



#10 n-Eicosane (C20)

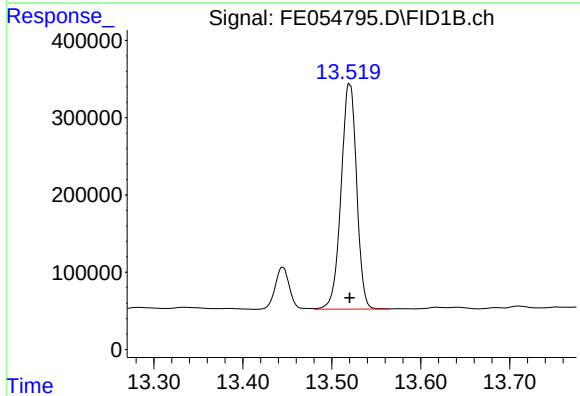
R.T.: 13.067 min
Delta R.T.: -0.005 min
Response: 71616
Conc: 0.50 ug/ml

Instrument :
FID_E
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VNJ-204



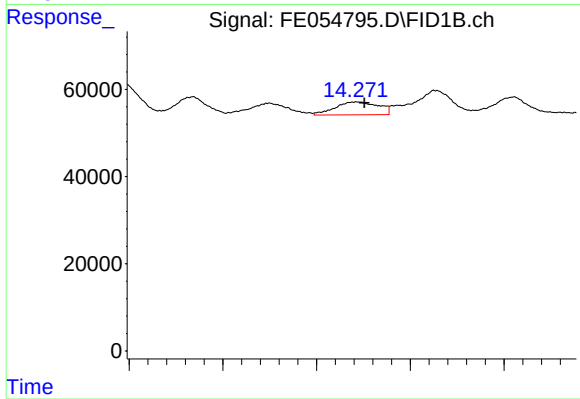
#11 n-Heneicosane (C21)

R.T.: 13.710 min
Delta R.T.: 0.024 min
Response: 68105
Conc: 0.48 ug/ml



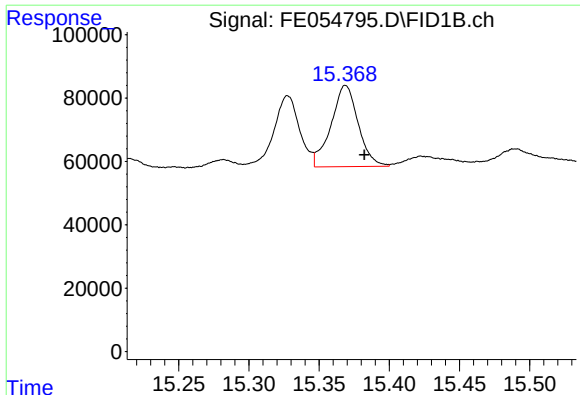
#12 1-chlorooctadecane (SURR)

R.T.: 13.520 min
Delta R.T.: 0.000 min
Response: 3554047
Conc: 28.14 ug/ml



#13 n-Docosane (C22)

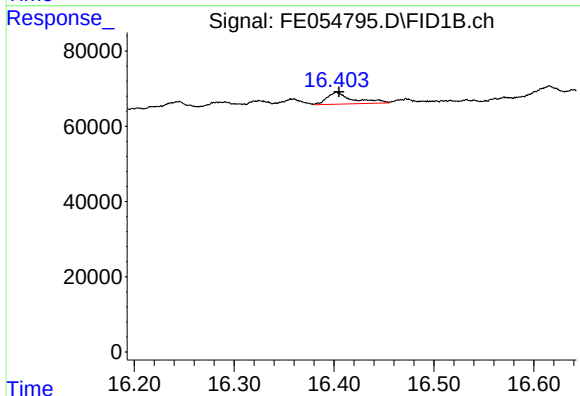
R.T.: 14.271 min
Delta R.T.: -0.004 min
Response: 47680
Conc: 0.33 ug/ml



#14 n-Tetracosane (C24)

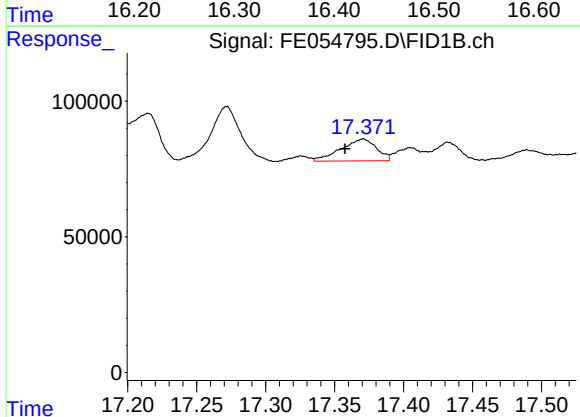
R.T.: 15.369 min
Delta R.T.: -0.013 min
Response: 346160
Conc: 2.38 ug/ml

Instrument :
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VNJ-204



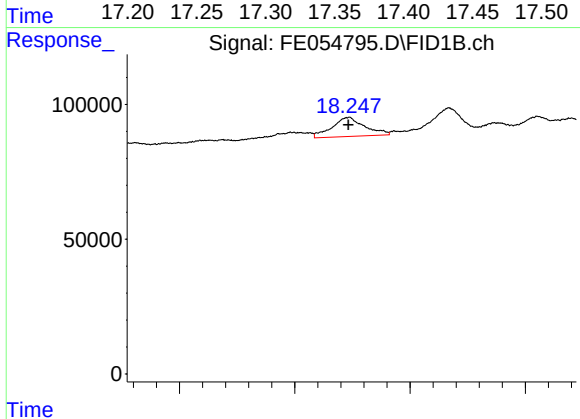
#15 n-Hexacosane (C26)

R.T.: 16.403 min
Delta R.T.: -0.002 min
Response: 56389
Conc: 0.39 ug/ml



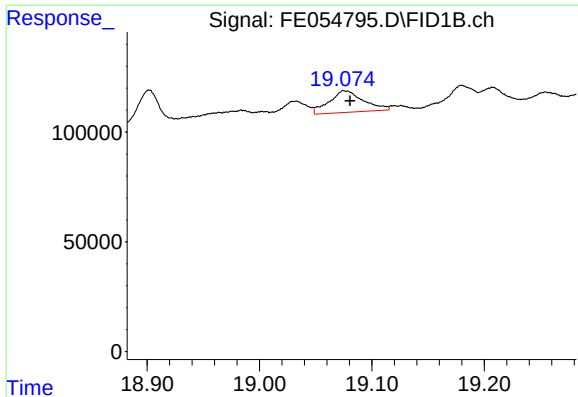
#16 n-Octacosane (C28)

R.T.: 17.370 min
Delta R.T.: 0.013 min
Response: 144325
Conc: 0.99 ug/ml



#17 n-Tricontane (C30)

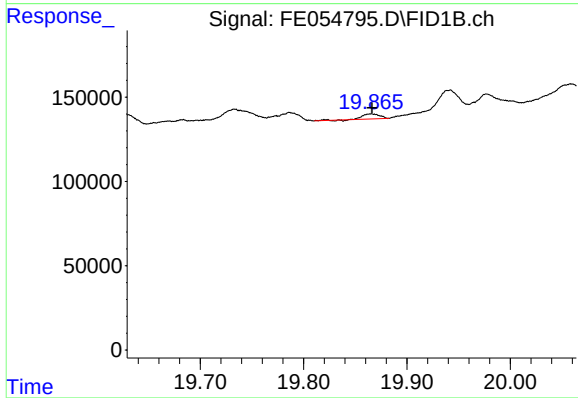
R.T.: 18.246 min
Delta R.T.: 0.000 min
Response: 139842
Conc: 0.89 ug/ml



#18 n-Dotriacontane (C32)

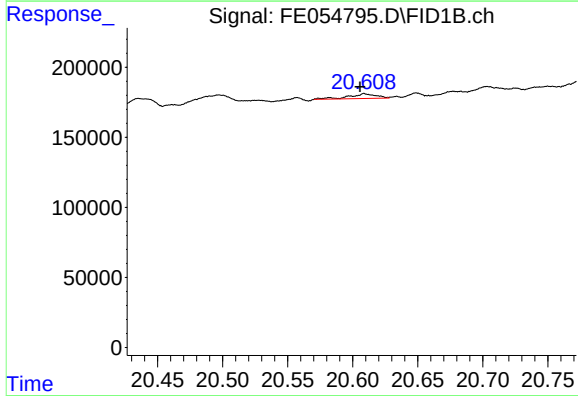
R.T.: 19.076 min
Delta R.T.: -0.004 min
Response: 209700
Conc: 1.30 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-204



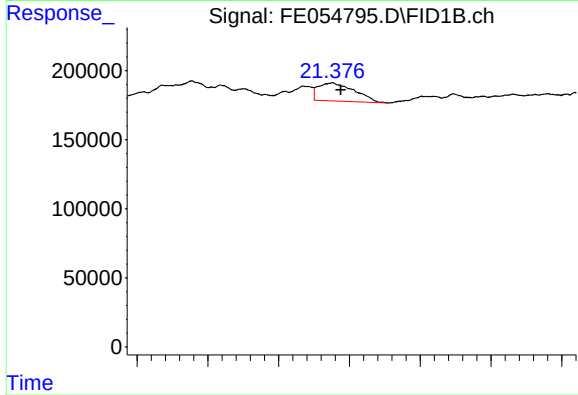
#19 n-Tetratriacontane (C34)

R.T.: 19.865 min
Delta R.T.: 0.000 min
Response: 35053
Conc: 0.23 ug/ml



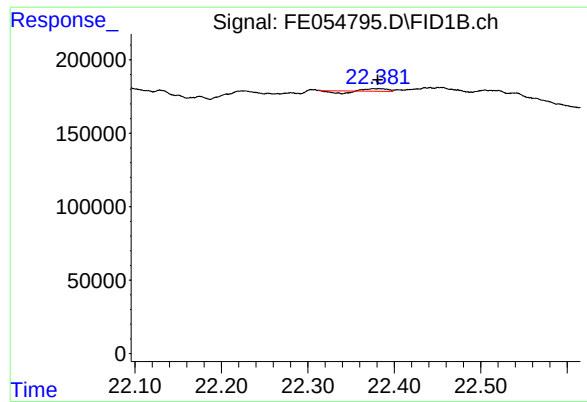
#20 n-Hexatriacontane (C36)

R.T.: 20.610 min
Delta R.T.: 0.004 min
Response: 49565
Conc: 0.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.375 min
Delta R.T.: -0.012 min
Response: 465535
Conc: 3.97 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.382 min
Delta R.T.: 0.000 min
Response: 10764
Conc: 0.10 ug/ml

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VNJ-204