

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060225AL\
 Data File : FE054116.D
 Signal(s) : FID1B.ch
 Acq On : 02 Jun 2025 11:17
 Operator : YP\AJ
 Sample : Q2152-01DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OK-02-05292025DL

Integration File: autoint1.e
 Quant Time: Jun 03 01:17:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.841	3799679	23.381 ug/ml
Spiked Amount 50.000		Recovery =	46.76%
12) S 1-chlorooctadecane (S...	13.287	3165108	26.699 ug/ml
Spiked Amount 50.000		Recovery =	53.40%
Target Compounds			
6) T n-Tetradecane (C14)	8.418f	32324	0.240 ug/ml
7) T n-Hexadecane (C16)	10.079	50415	0.374 ug/ml
8) T n-Octadecane (C18)	11.525	36094	0.268 ug/ml
10) T n-Eicosane (C20)	12.828	275872	2.099 ug/ml
11) T n-Heneicosane (C21)	13.453	53985	0.416 ug/ml
13) T n-Docosane (C22)	14.041	118240	0.927 ug/ml
14) T n-Tetracosane (C24)	15.136	523545	4.184 ug/ml
15) T n-Hexacosane (C26)	16.173	101580	0.830 ug/ml
16) T n-Octacosane (C28)	17.144	231406	1.904 ug/ml
17) T n-Tricontane (C30)	18.012	286970	2.304 ug/ml
18) T n-Dotriacontane (C32)	18.849	207844	1.662 ug/ml
19) T n-Tetratriacontane (C34)	19.659	305122	2.561 ug/ml
20) T n-Hexatriacontane (C36)	20.380	127999	1.105 ug/ml
21) T n-Octatriacontane (C38)	21.109	115510	1.061 ug/ml
22) T n-Tetracontane (C40)	22.003	161611	1.629 ug/ml

(f)=RT Delta > 1/2 Window

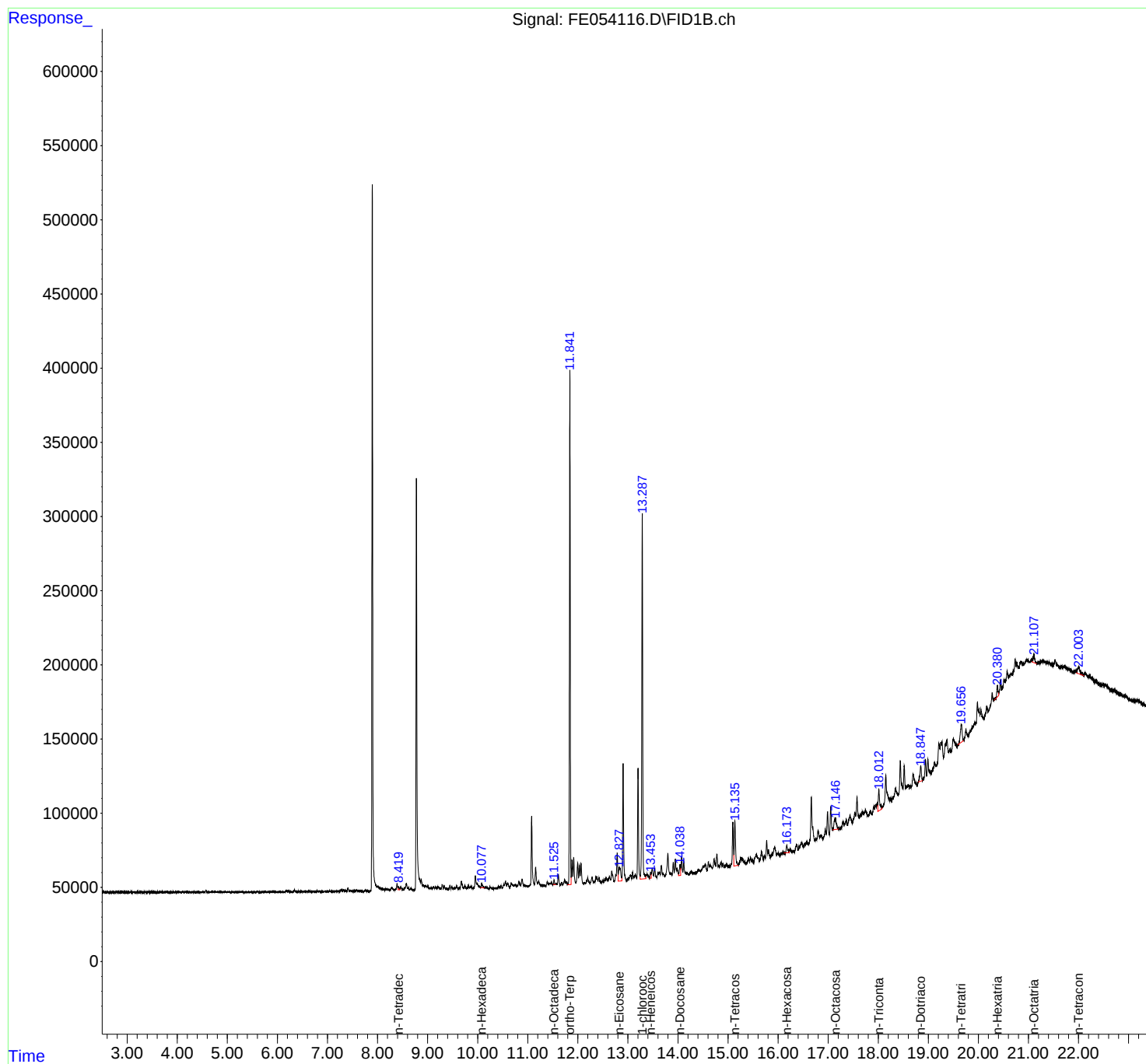
(m)=manual int.

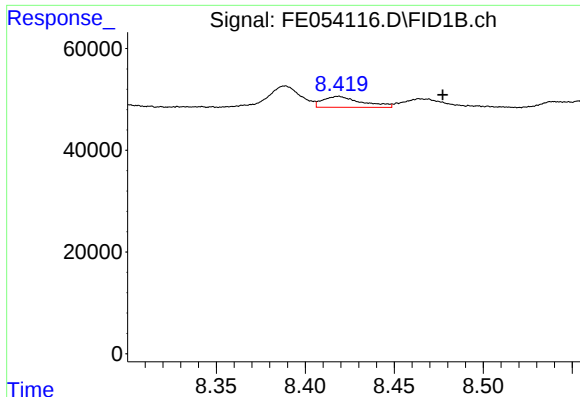
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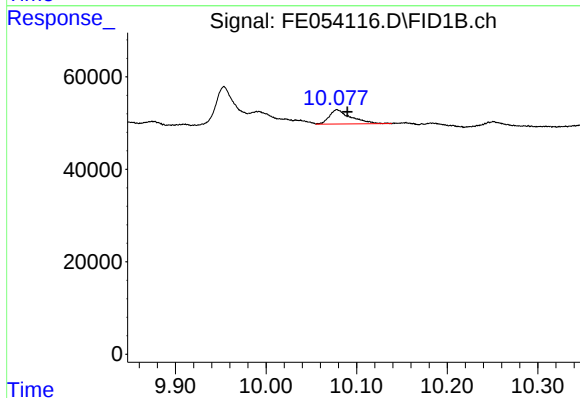




#6 n-Tetradecane (C14)

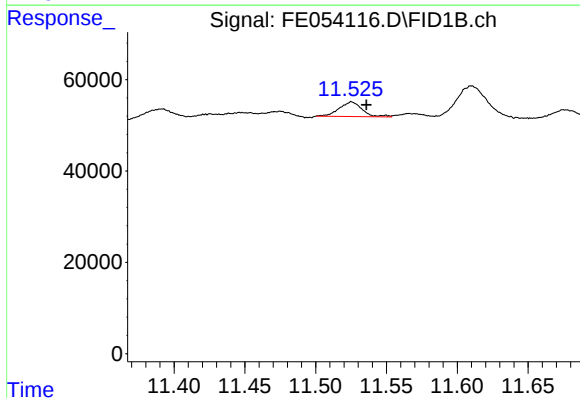
R.T.: 8.418 min
Delta R.T.: -0.059 min
Response: 32324
Conc: 0.24 ug/ml

Instrument :
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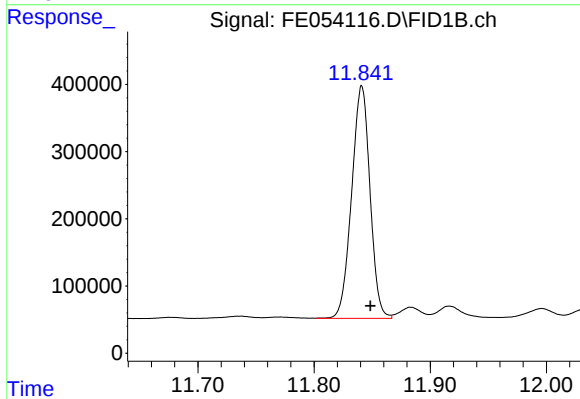
#7 n-Hexadecane (C16)

R.T.: 10.079 min
Delta R.T.: -0.011 min
Response: 50415
Conc: 0.37 ug/ml



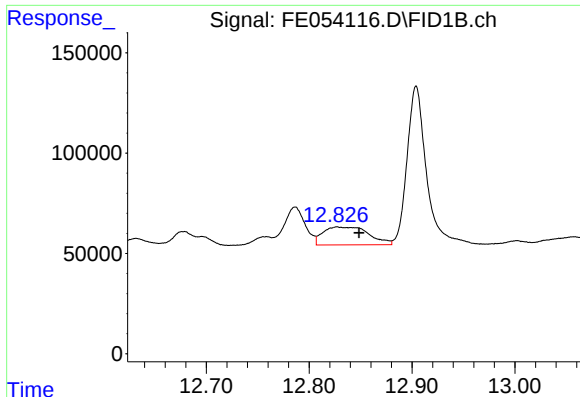
#8 n-Octadecane (C18)

R.T.: 11.525 min
Delta R.T.: -0.011 min
Response: 36094
Conc: 0.27 ug/ml



#9 ortho-Terphenyl (SURR)

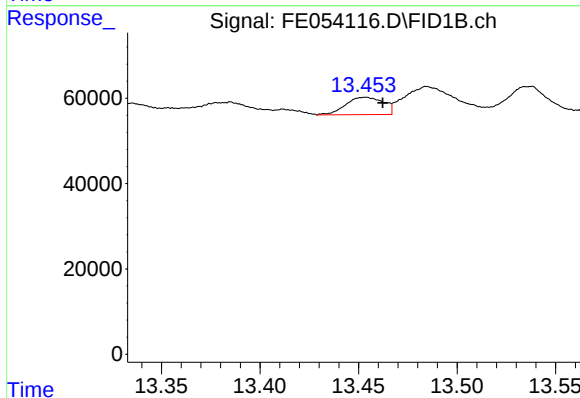
R.T.: 11.841 min
Delta R.T.: -0.008 min
Response: 3799679
Conc: 23.38 ug/ml



#10 n-Eicosane (C20)

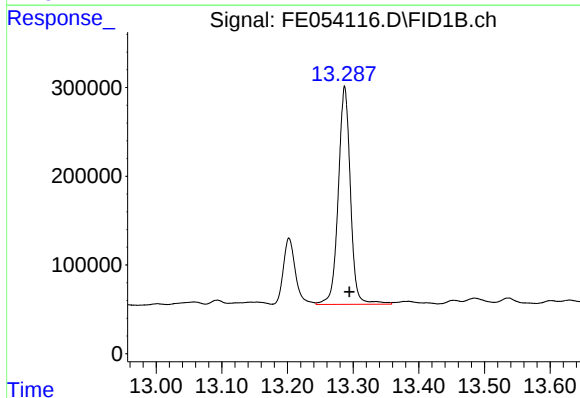
R.T.: 12.828 min
Delta R.T.: -0.021 min
Response: 275872
Conc: 2.10 ug/ml

Instrument :
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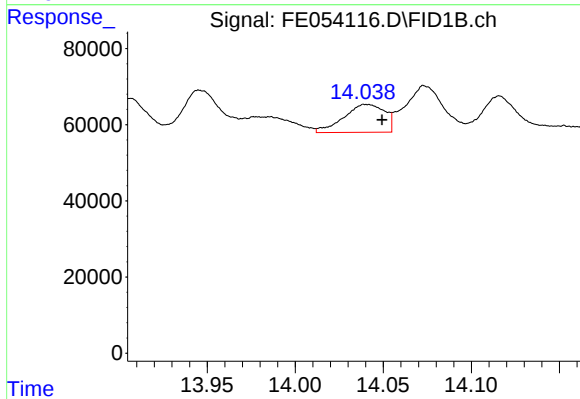
#11 n-Heneicosane (C21)

R.T.: 13.453 min
Delta R.T.: -0.009 min
Response: 53985
Conc: 0.42 ug/ml



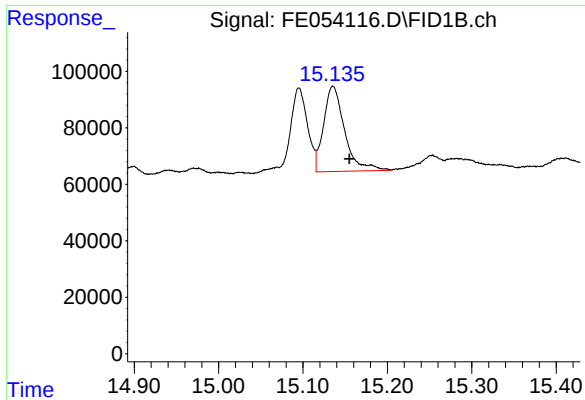
#12 1-chlorooctadecane (SURR)

R.T.: 13.287 min
Delta R.T.: -0.007 min
Response: 3165108
Conc: 26.70 ug/ml



#13 n-Docosane (C22)

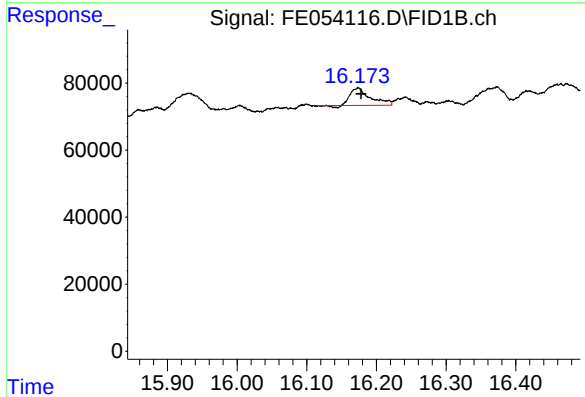
R.T.: 14.041 min
Delta R.T.: -0.008 min
Response: 118240
Conc: 0.93 ug/ml



#14 n-Tetracosane (C24)

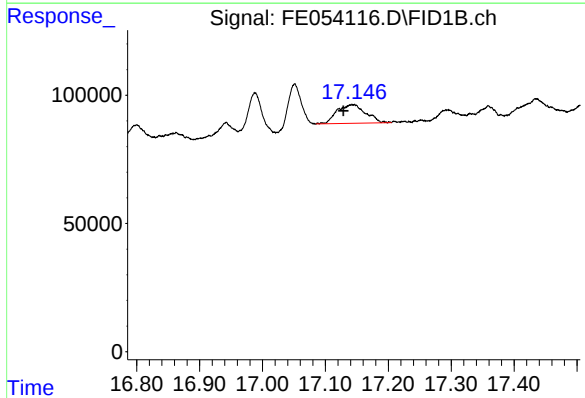
R.T.: 15.136 min
Delta R.T.: -0.019 min
Response: 523545
Conc: 4.18 ug/ml

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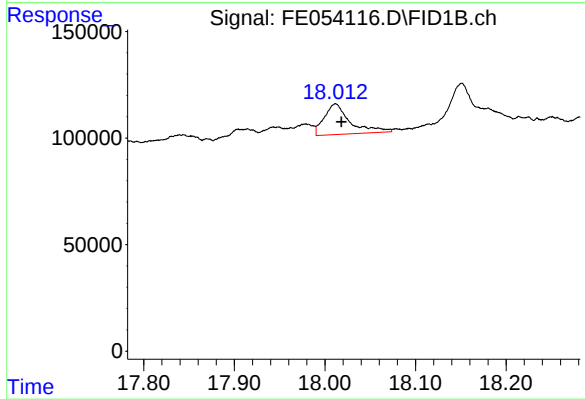
#15 n-Hexacosane (C26)

R.T.: 16.173 min
Delta R.T.: -0.005 min
Response: 101580
Conc: 0.83 ug/ml



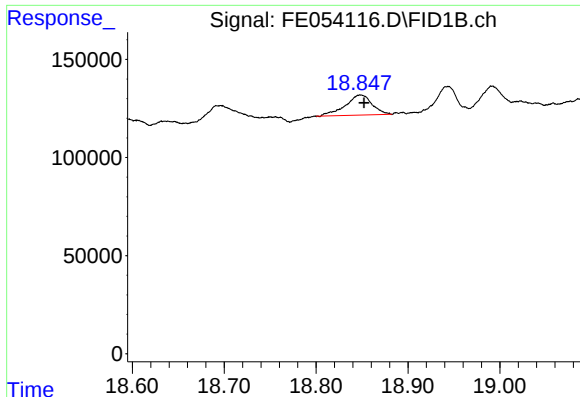
#16 n-Octacosane (C28)

R.T.: 17.144 min
Delta R.T.: 0.015 min
Response: 231406
Conc: 1.90 ug/ml



#17 n-Tricontane (C30)

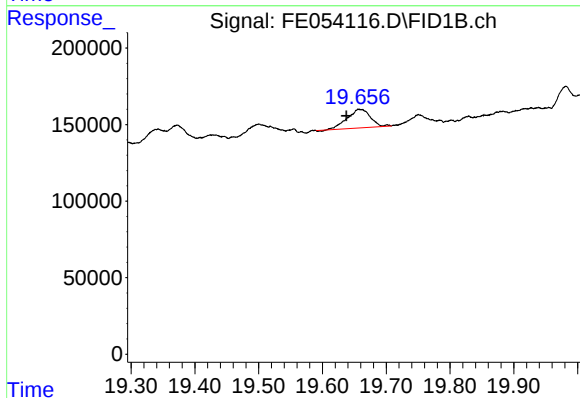
R.T.: 18.012 min
Delta R.T.: -0.006 min
Response: 286970
Conc: 2.30 ug/ml



#18 n-Dotriacontane (C32)

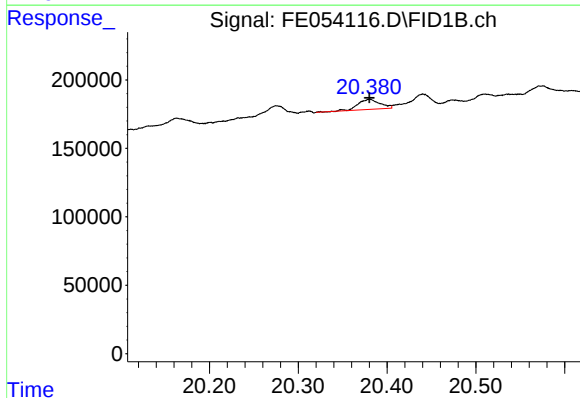
R.T.: 18.849 min
Delta R.T.: -0.004 min
Response: 207844
Conc: 1.66 ug/ml

Instrument :
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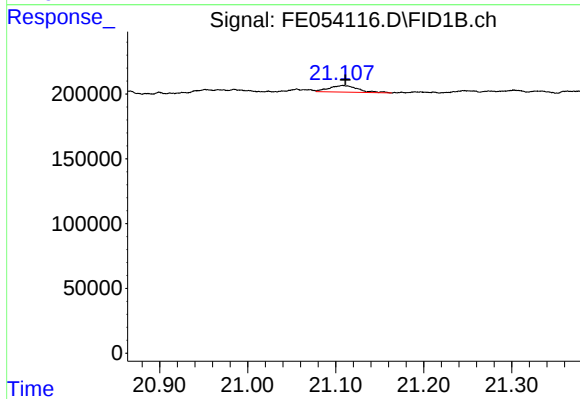
#19 n-Tetratriacontane (C34)

R.T.: 19.659 min
Delta R.T.: 0.021 min
Response: 305122
Conc: 2.56 ug/ml



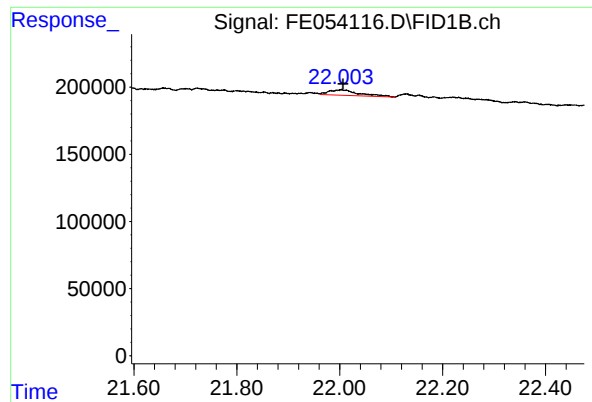
#20 n-Hexatriacontane (C36)

R.T.: 20.380 min
Delta R.T.: 0.000 min
Response: 127999
Conc: 1.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.109 min
Delta R.T.: -0.002 min
Response: 115510
Conc: 1.06 ug/ml



#22 n-Tetracontane (C₄₀)

R.T.: 22.003 min
Delta R.T.: -0.004 min
Response: 161611
Conc: 1.63 ug/ml

Instrument :

FID_E

ClientSampleId :

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