

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080725AL\
 Data File : FE055184.D
 Signal(s) : FID1B.ch
 Acq On : 07 Aug 2025 18:27
 Operator : YP\AJ
 Sample : Q2783-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 RT5414

Integration File: autoint1.e
 Quant Time: Aug 08 01:08:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.085	4492274	31.458 ug/ml
Spiked Amount 50.000		Recovery =	62.92%
12) S 1-chlorooctadecane (S...	13.521	3571605	33.217 ug/ml
Spiked Amount 50.000		Recovery =	66.43%
Target Compounds			
6) T n-Tetradecane (C14)	8.693	43772	0.357 ug/ml
7) T n-Hexadecane (C16)	10.307	41738	0.326 ug/ml
8) T n-Octadecane (C18)	11.756	45565	0.349 ug/ml
10) T n-Eicosane (C20)	13.067	149173	1.189 ug/ml
11) T n-Heneicosane (C21)	13.685	41317	0.335 ug/ml
13) T n-Docosane (C22)	14.272	64642	0.529 ug/ml
14) T n-Tetracosane (C24)	15.372	236505	1.944 ug/ml
15) T n-Hexacosane (C26)	16.404	90149	0.753 ug/ml
16) T n-Octacosane (C28)	17.357	163579	1.379 ug/ml
17) T n-Tricontane (C30)	18.245	447980	3.641 ug/ml
18) T n-Dotriacontane (C32)	19.082	509225	4.174 ug/ml
19) T n-Tetratriacontane (C34)	19.866	445826	3.813 ug/ml
20) T n-Hexatriacontane (C36)	20.609	465334	4.257 ug/ml
21) T n-Octatriacontane (C38)	21.389	402122	3.721 ug/ml
22) T n-Tetracontane (C40)	22.380	376812	3.603 ug/ml

(f)=RT Delta > 1/2 Window

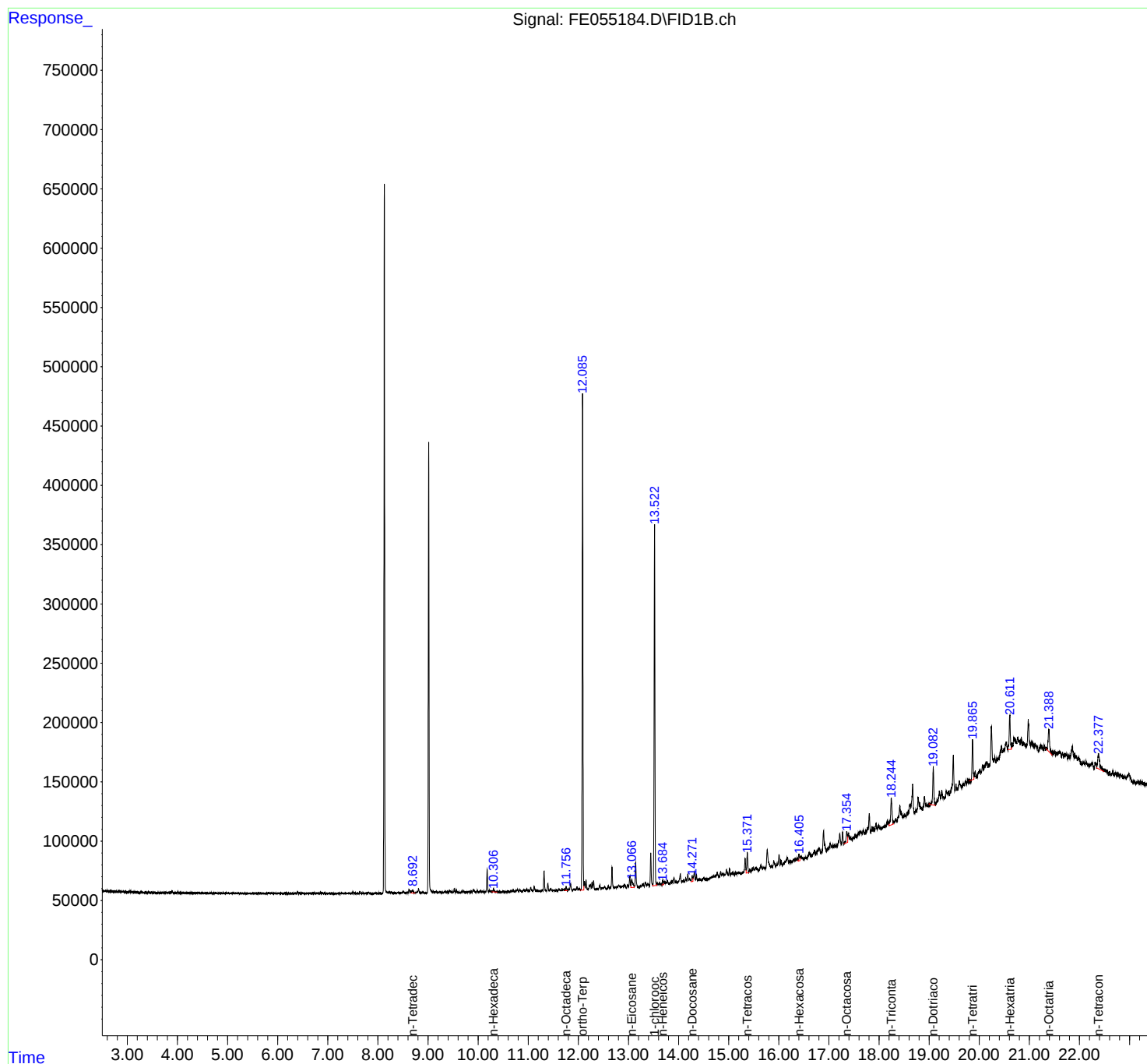
(m)=manual int.

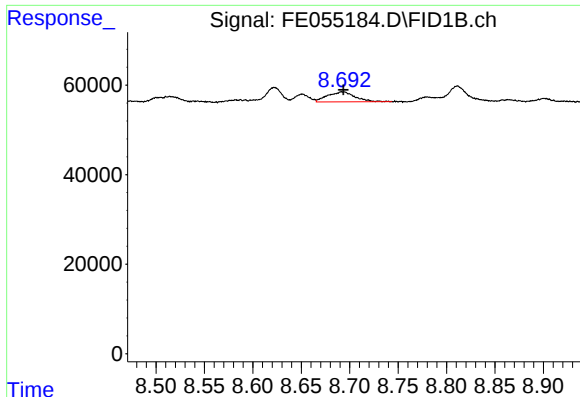
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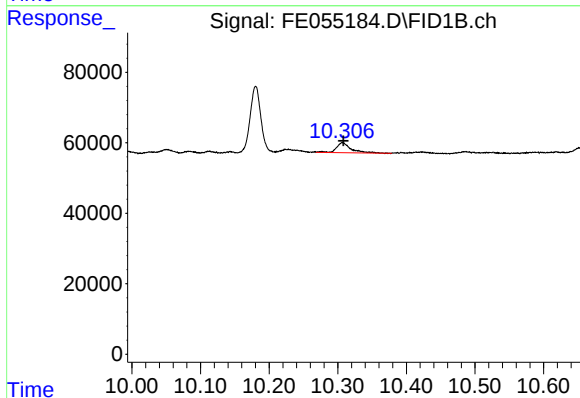




#6 n-Tetradecane (C14)

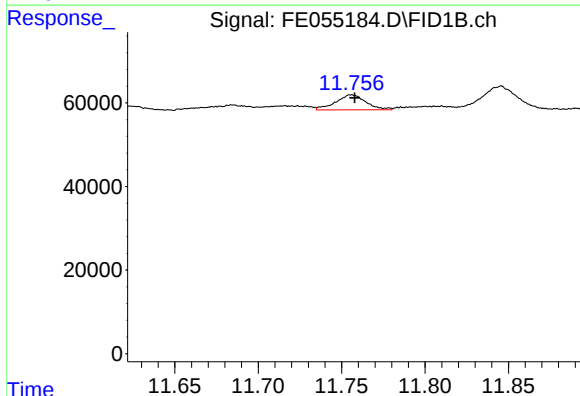
R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 43772
Conc: 0.36 ug/ml

Instrument :
FID_E
ClientSampleId :
RT5414



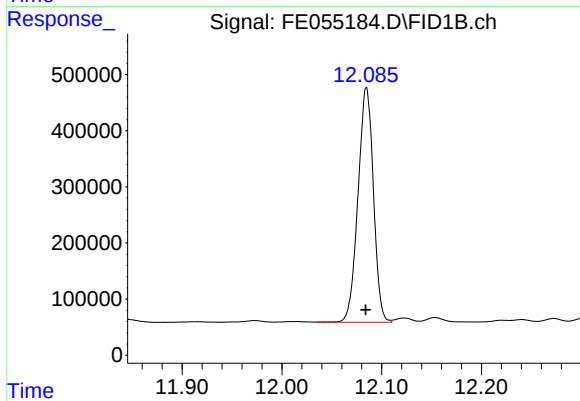
#7 n-Hexadecane (C16)

R.T.: 10.307 min
Delta R.T.: -0.001 min
Response: 41738
Conc: 0.33 ug/ml



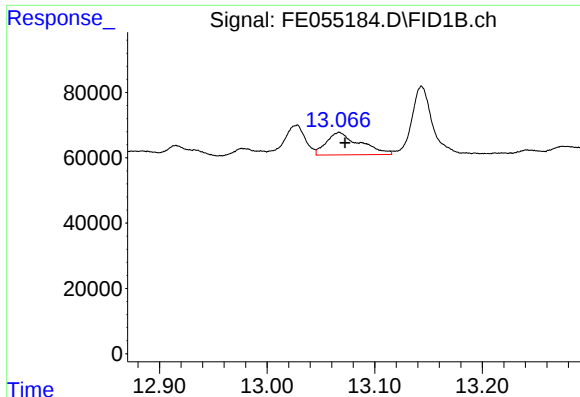
#8 n-Octadecane (C18)

R.T.: 11.756 min
Delta R.T.: -0.002 min
Response: 45565
Conc: 0.35 ug/ml



#9 ortho-Terphenyl (SURR)

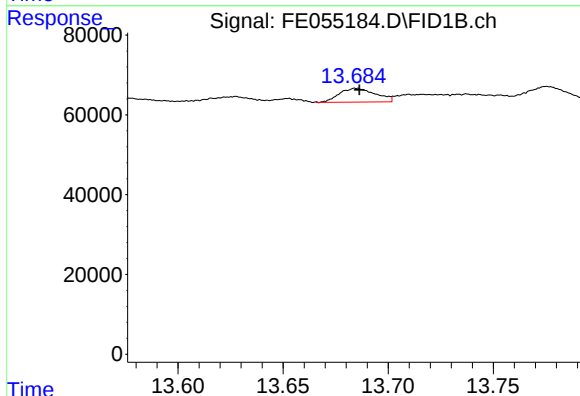
R.T.: 12.085 min
Delta R.T.: 0.000 min
Response: 4492274
Conc: 31.46 ug/ml



#10 n-Eicosane (C20)

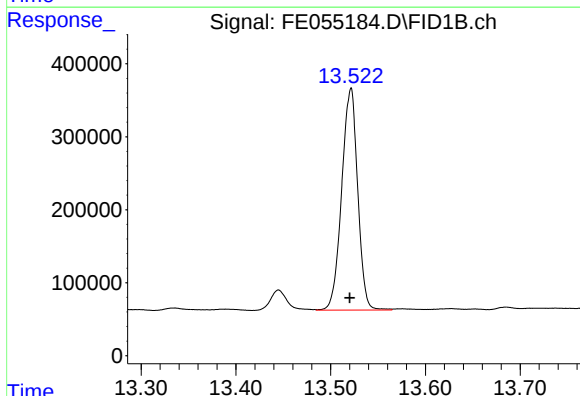
R.T.: 13.067 min
Delta R.T.: -0.005 min
Response: 149173
Conc: 1.19 ug/ml

Instrument :
FID_E
ClientSampleId :
RT5414



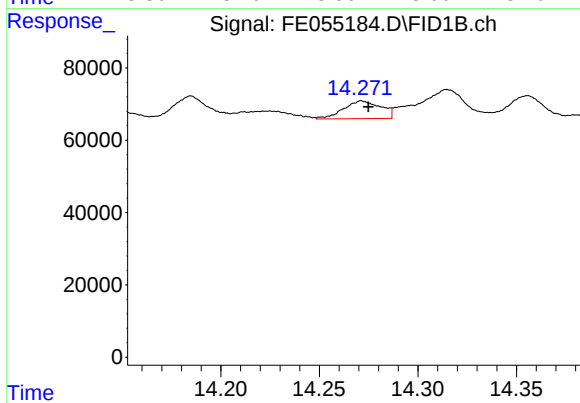
#11 n-Heneicosane (C21)

R.T.: 13.685 min
Delta R.T.: -0.001 min
Response: 41317
Conc: 0.34 ug/ml



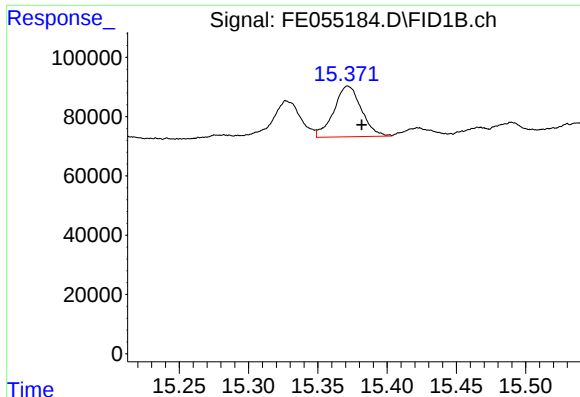
#12 1-chlorooctadecane (SURR)

R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 3571605
Conc: 33.22 ug/ml



#13 n-Docosane (C22)

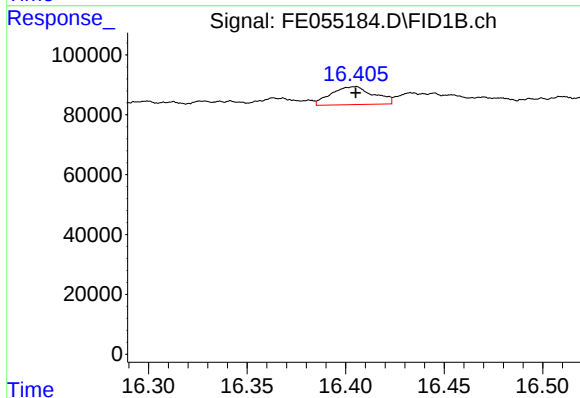
R.T.: 14.272 min
Delta R.T.: -0.003 min
Response: 64642
Conc: 0.53 ug/ml



#14 n-Tetracosane (C24)

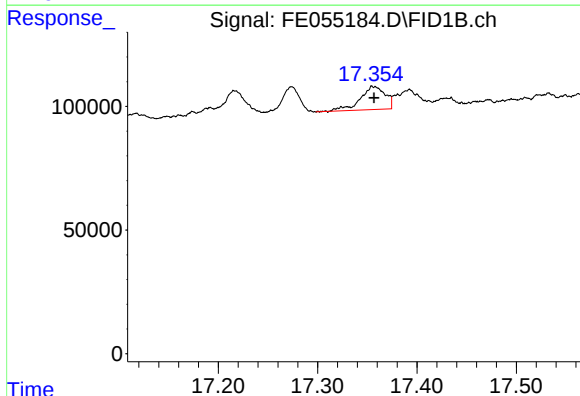
R.T.: 15.372 min
Delta R.T.: -0.010 min
Response: 236505
Conc: 1.94 ug/ml

Instrument :
FID_E
ClientSampleId :
RT5414



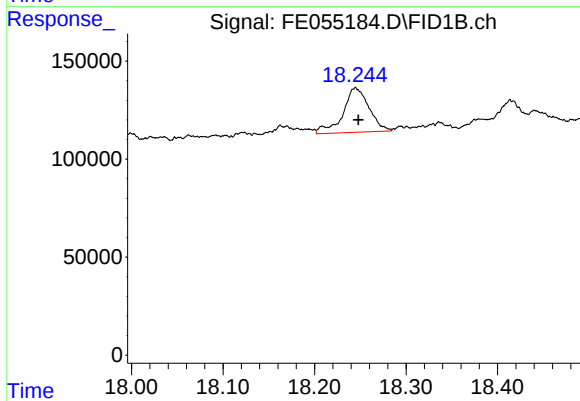
#15 n-Hexacosane (C26)

R.T.: 16.404 min
Delta R.T.: -0.001 min
Response: 90149
Conc: 0.75 ug/ml



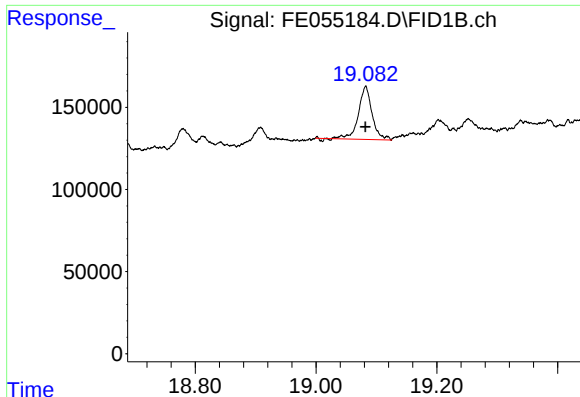
#16 n-Octacosane (C28)

R.T.: 17.357 min
Delta R.T.: 0.000 min
Response: 163579
Conc: 1.38 ug/ml



#17 n-Tricontane (C30)

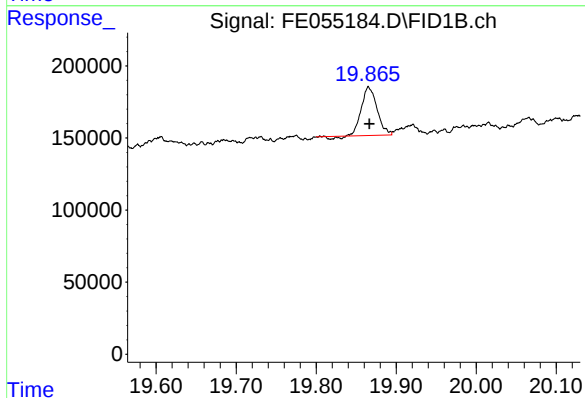
R.T.: 18.245 min
Delta R.T.: -0.003 min
Response: 447980
Conc: 3.64 ug/ml



#18 n-Dotriacontane (C32)

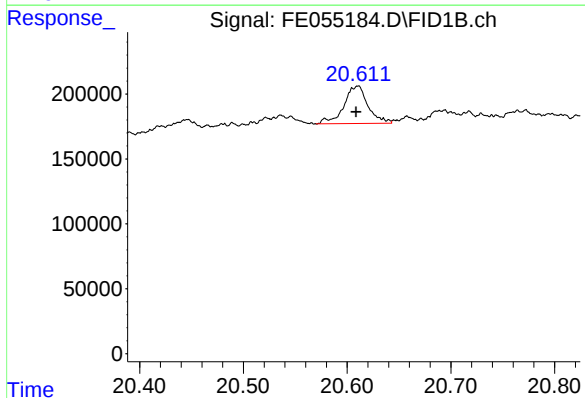
R.T.: 19.082 min
Delta R.T.: 0.000 min
Response: 509225
Conc: 4.17 ug/ml

Instrument :
FID_E
ClientSampleId :
RT5414



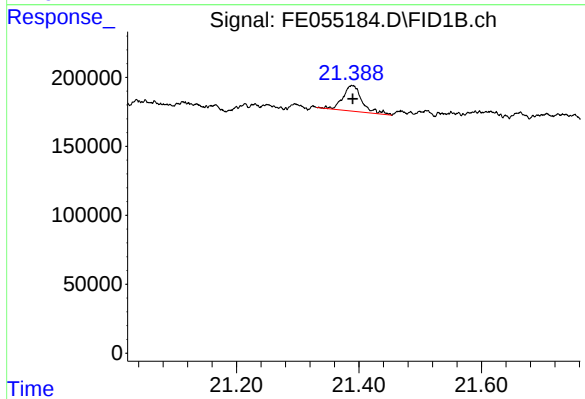
#19 n-Tetratriacontane (C34)

R.T.: 19.866 min
Delta R.T.: 0.000 min
Response: 445826
Conc: 3.81 ug/ml



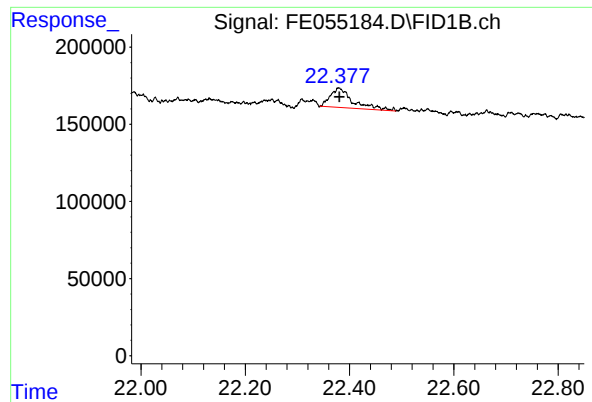
#20 n-Hexatriacontane (C36)

R.T.: 20.609 min
Delta R.T.: 0.000 min
Response: 465334
Conc: 4.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.389 min
Delta R.T.: 0.000 min
Response: 402122
Conc: 3.72 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.380 min
Delta R.T.: 0.000 min
Response: 376812
Conc: 3.60 ug/ml

Instrument :
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RT5414