

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061223AL\
 Data File : FE042550.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jun 2023 11:16
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 12 12:36:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 2023
 Response via : Initial Calibration
 Integrator: ChemStation

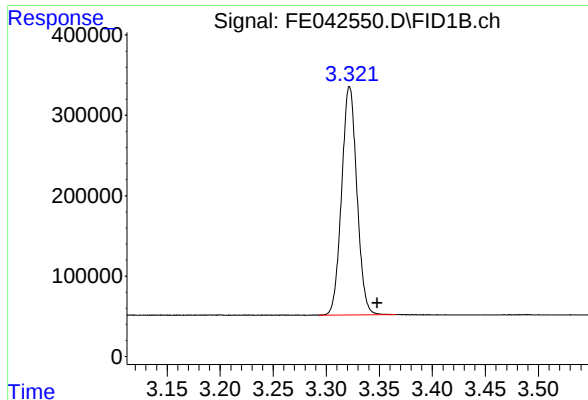
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.944	3434906	19.453 ug/ml
Spiked Amount 50.000		Recovery =	38.91%
12) S 1-chlorooctadecane (S...	13.380	2552157	19.207 ug/ml
Spiked Amount 50.000		Recovery =	38.41%
Target Compounds			
1) T n-Nonane (C9)	3.322	2846347	19.739 ug/ml
2) T n-Decane (C10)	4.574	2978026	20.117 ug/ml
3) T A~Naphthalene (C11.7)	6.284	3190259	19.553 ug/ml
4) T n-Dodecane (C12)	6.743	3013872	20.099 ug/ml
5) T A~2-methylnaphthalene...	7.381	3068944	19.338 ug/ml
6) T n-Tetradecane (C14)	8.572	2998703	20.017 ug/ml
7) T n-Hexadecane (C16)	10.181	3110393	19.968 ug/ml
8) T n-Octadecane (C18)	11.624	3142946	19.875 ug/ml
10) T n-Eicosane (C20)	12.935	2996301	19.767 ug/ml
11) T n-Heneicosane (C21)	13.546	2912359	19.658 ug/ml
13) T n-Docosane (C22)	14.132	2879079	19.639 ug/ml
14) T n-Tetracosane (C24)	15.236	2827773	19.589 ug/ml
15) T n-Hexacosane (C26)	16.258	2784056	20.102 ug/ml
16) T n-Octacosane (C28)	17.208	2831972	21.153 ug/ml
17) T n-Tricontane (C30)	18.096	3127779	23.170 ug/ml
18) T n-Dotriacontane (C32)	18.928	3195559	23.920 ug/ml
19) T n-Tetratriacontane (C34)	19.713	3021446	22.975 ug/ml
20) T n-Hexatriacontane (C36)	20.455	2892247	22.253 ug/ml
21) T n-Octatriacontane (C38)	21.201	2860227	21.082 ug/ml
22) T n-Tetracontane (C40)	22.132	2840112	20.415 ug/ml

(f)=RT Delta > 1/2 Window

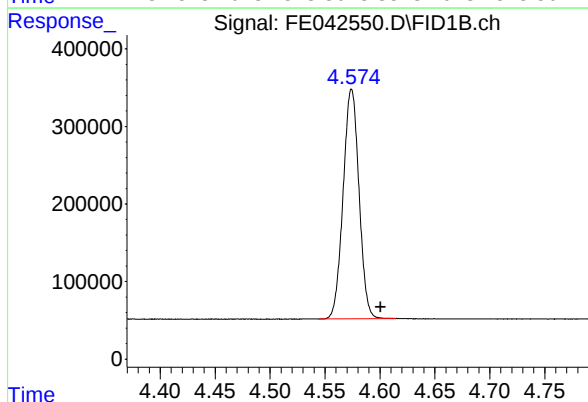
(m)=manual int.



#1 n-Nonane (C9)

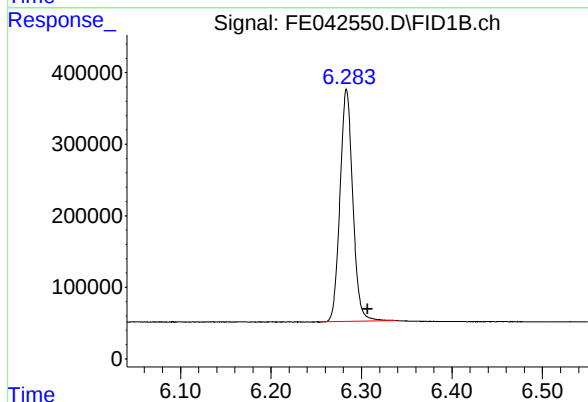
R.T.: 3.322 min
Delta R.T.: -0.026 min
Response: 2846347
Conc: 19.74 ug/ml

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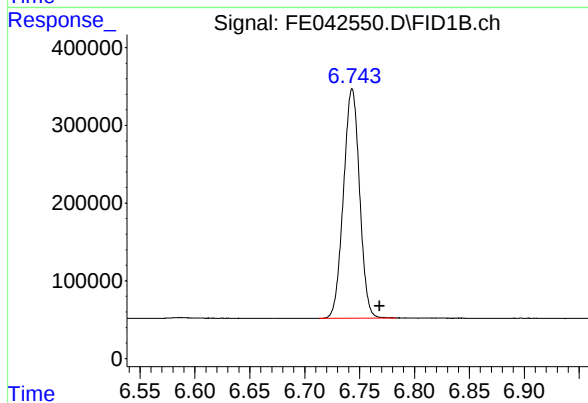
#2 n-Decane (C10)

R.T.: 4.574 min
Delta R.T.: -0.026 min
Response: 2978026
Conc: 20.12 ug/ml



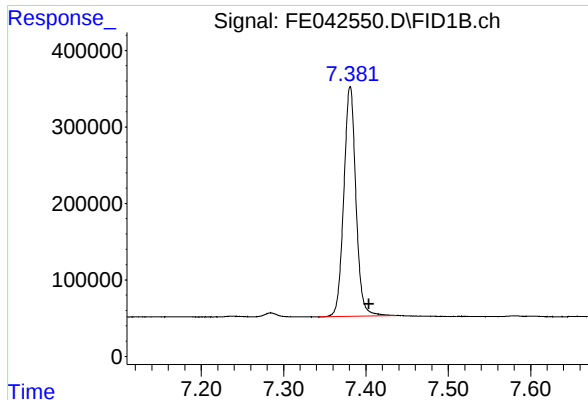
#3 A~Naphthalene (C11.7)

R.T.: 6.284 min
Delta R.T.: -0.023 min
Response: 3190259
Conc: 19.55 ug/ml



#4 n-Dodecane (C12)

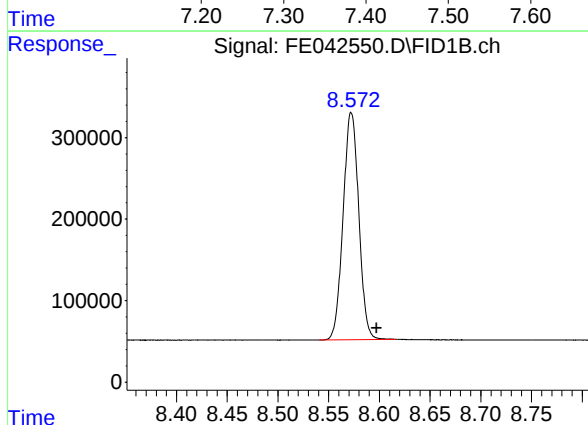
R.T.: 6.743 min
Delta R.T.: -0.025 min
Response: 3013872
Conc: 20.10 ug/ml



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

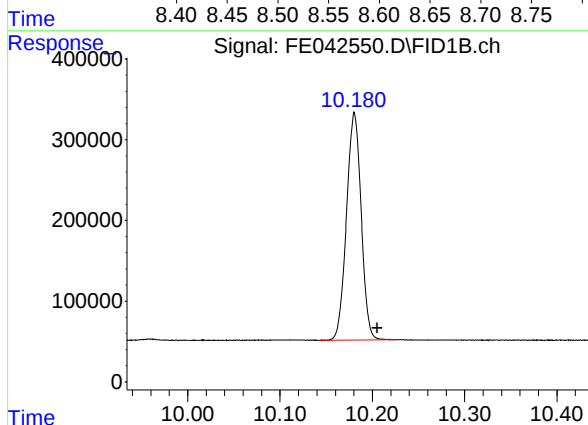
R.T.: 7.381 min
Delta R.T.: -0.023 min
Response: 3068944
Conc: 19.34 ug/ml

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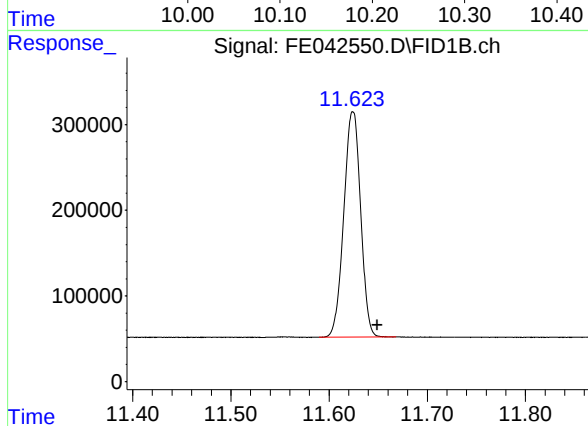
#6 n-Tetradecane (C14)

R.T.: 8.572 min
Delta R.T.: -0.025 min
Response: 2998703
Conc: 20.02 ug/ml



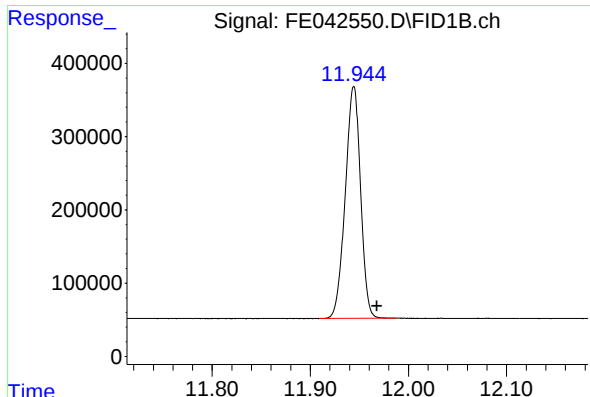
#7 n-Hexadecane (C16)

R.T.: 10.181 min
Delta R.T.: -0.025 min
Response: 3110393
Conc: 19.97 ug/ml



#8 n-Octadecane (C18)

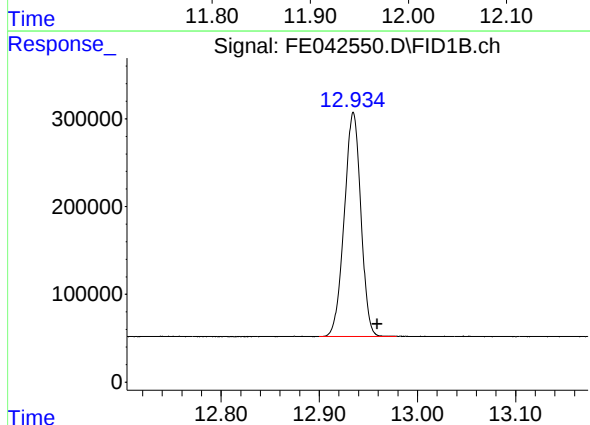
R.T.: 11.624 min
Delta R.T.: -0.025 min
Response: 3142946
Conc: 19.88 ug/ml



#9 ortho-Terphenyl (SURR)

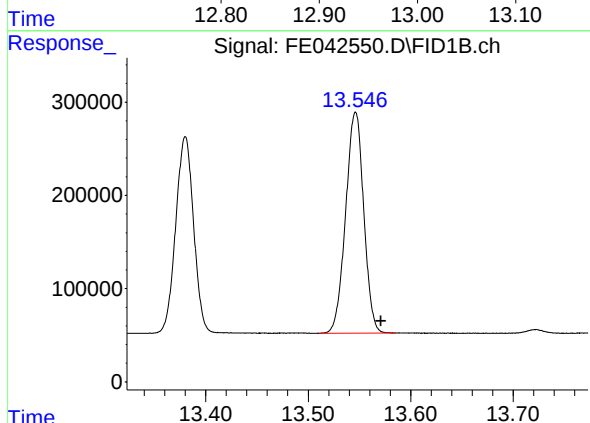
R.T.: 11.944 min
Delta R.T.: -0.024 min
Response: 3434906
Conc: 19.45 ug/ml

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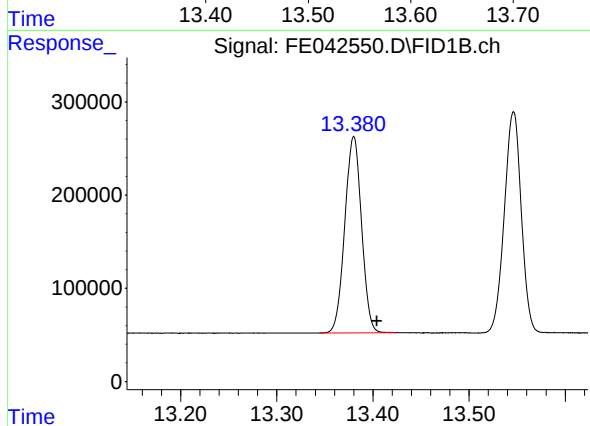
#10 n-Eicosane (C20)

R.T.: 12.935 min
Delta R.T.: -0.024 min
Response: 2996301
Conc: 19.77 ug/ml



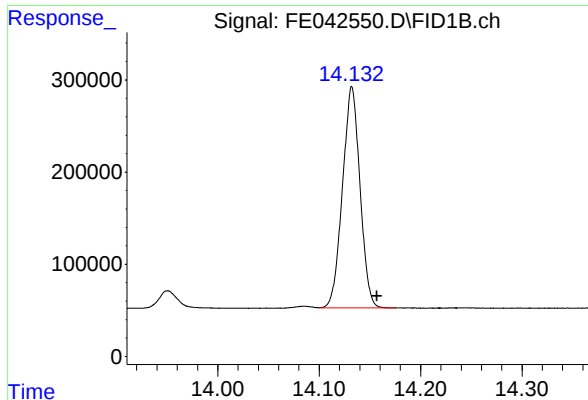
#11 n-Heneicosane (C21)

R.T.: 13.546 min
Delta R.T.: -0.025 min
Response: 2912359
Conc: 19.66 ug/ml



#12 1-chlorooctadecane (SURR)

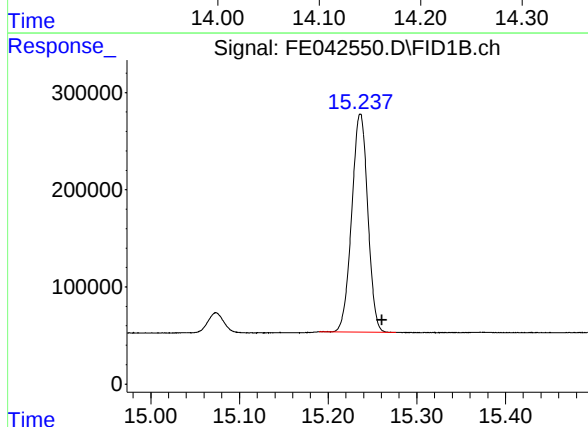
R.T.: 13.380 min
Delta R.T.: -0.024 min
Response: 2552157
Conc: 19.21 ug/ml



#13 n-Docosane (C22)

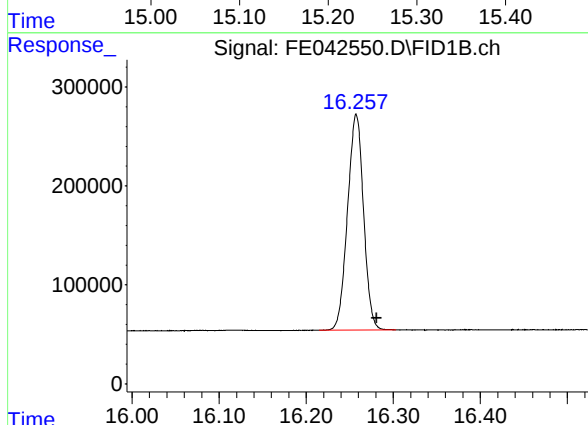
R.T.: 14.132 min
Delta R.T.: -0.025 min
Response: 2879079
Conc: 19.64 ug/ml

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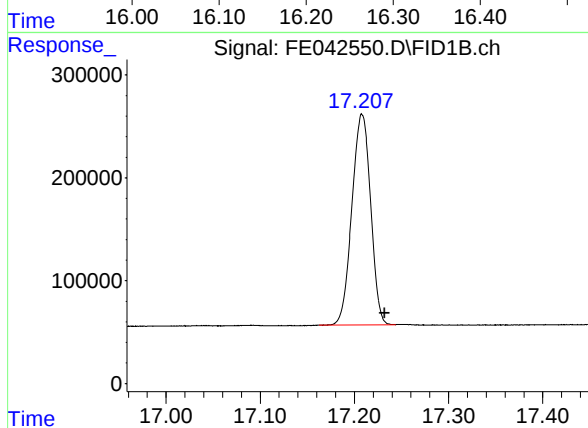
#14 n-Tetracosane (C24)

R.T.: 15.236 min
Delta R.T.: -0.024 min
Response: 2827773
Conc: 19.59 ug/ml



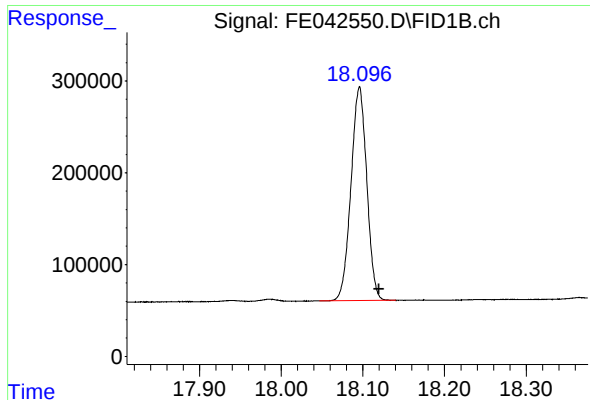
#15 n-Hexacosane (C26)

R.T.: 16.258 min
Delta R.T.: -0.023 min
Response: 2784056
Conc: 20.10 ug/ml



#16 n-Octacosane (C28)

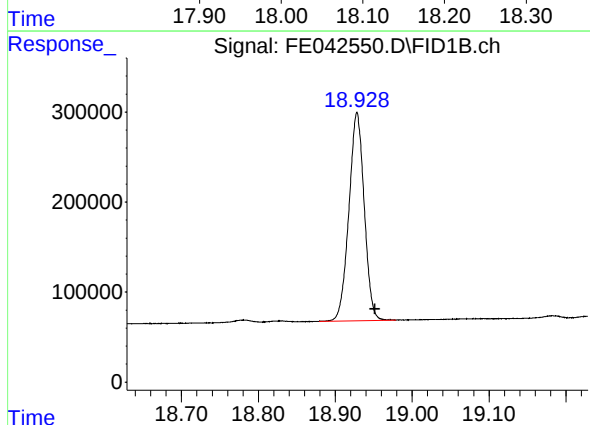
R.T.: 17.208 min
Delta R.T.: -0.024 min
Response: 2831972
Conc: 21.15 ug/ml



#17 n-Tricontane (C30)

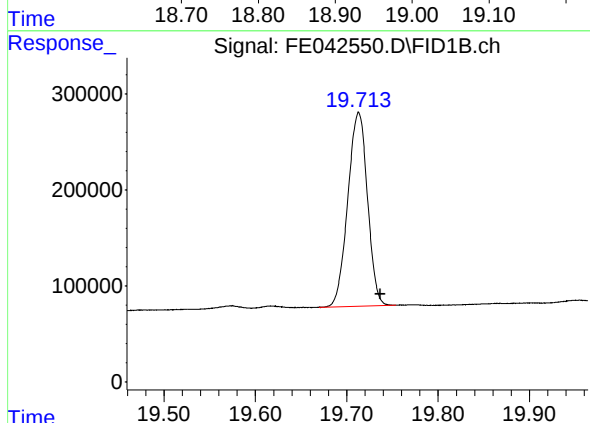
R.T.: 18.096 min
Delta R.T.: -0.024 min
Response: 3127779
Conc: 23.17 ug/ml

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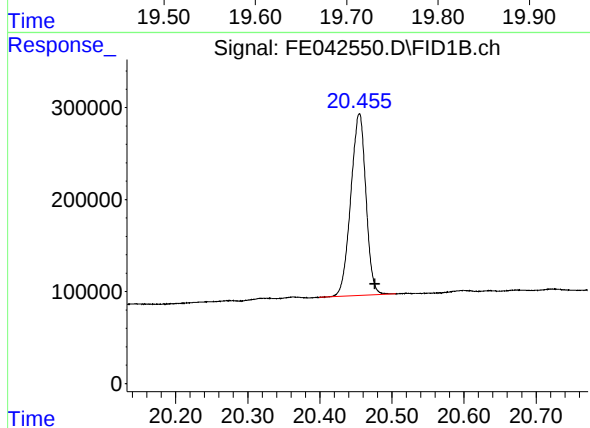
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: -0.024 min
Response: 3195559
Conc: 23.92 ug/ml



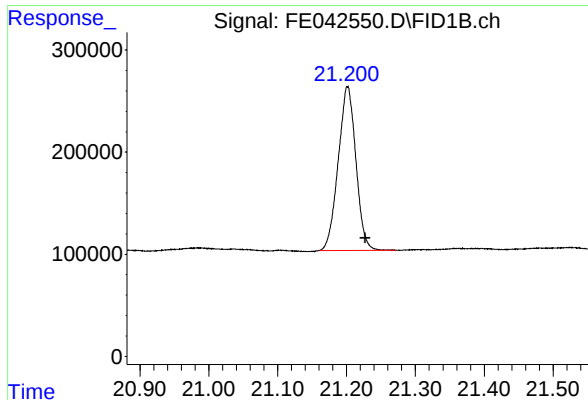
#19 n-Tetratriacontane (C34)

R.T.: 19.713 min
Delta R.T.: -0.023 min
Response: 3021446
Conc: 22.97 ug/ml



#20 n-Hexatriacontane (C36)

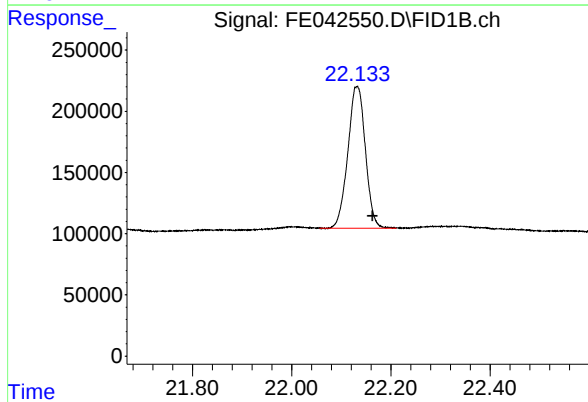
R.T.: 20.455 min
Delta R.T.: -0.022 min
Response: 2892247
Conc: 22.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.201 min
Delta R.T.: -0.026 min
Response: 2860227
Conc: 21.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.132 min
Delta R.T.: -0.031 min
Response: 2840112
Conc: 20.42 ug/ml