

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060823AL\
 Data File : FE042497.D
 Signal(s) : FID1B.ch
 Acq On : 08 Jun 2023 14:29
 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 08 15:17:40 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)	11.948	3222858	18.252 ug/ml
Spiked Amount 50.000		Recovery =	36.50%
12) S 1-chlorooctadecane (S...	13.383	2389805	17.985 ug/ml
Spiked Amount 50.000		Recovery =	35.97%
Target Compounds			
1) T n-Nonane (C9)	3.326	2693774	18.681 ug/ml
2) T n-Decane (C10)	4.578	2798569	18.905 ug/ml
3) T A~Naphthalene (C11.7)	6.287	3004935	18.417 ug/ml
4) T n-Dodecane (C12)	6.747	2838810	18.931 ug/ml
5) T A~2-methylnaphthalene...	7.384	2886394	18.187 ug/ml
6) T n-Tetradecane (C14)	8.576	2819815	18.823 ug/ml
7) T n-Hexadecane (C16)	10.184	2928091	18.797 ug/ml
8) T n-Octadecane (C18)	11.628	2948678	18.647 ug/ml
10) T n-Eicosane (C20)	12.937	2802045	18.485 ug/ml
11) T n-Heneicosane (C21)	13.550	2724125	18.387 ug/ml
13) T n-Docosane (C22)	14.136	2717067	18.534 ug/ml
14) T n-Tetracosane (C24)	15.240	2636385	18.263 ug/ml
15) T n-Hexacosane (C26)	16.261	2595286	18.739 ug/ml
16) T n-Octacosane (C28)	17.212	2634099	19.675 ug/ml
17) T n-Tricontane (C30)	18.100	2891125	21.417 ug/ml
18) T n-Dotriacontane (C32)	18.933	2959620	22.154 ug/ml
19) T n-Tetratriacontane (C34)	19.718	2803108	21.315 ug/ml
20) T n-Hexatriacontane (C36)	20.459	2646180	20.359 ug/ml
21) T n-Octatriacontane (C38)	21.208	2664129	19.636 ug/ml
22) T n-Tetracontane (C40)	22.139	2640168	18.978 ug/ml

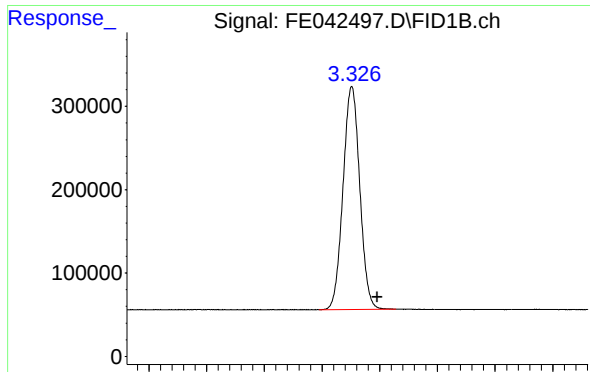
(f)=RT Delta > 1/2 Window

(m)=manual int.

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20 PPM ALIPHATIC HC STD

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

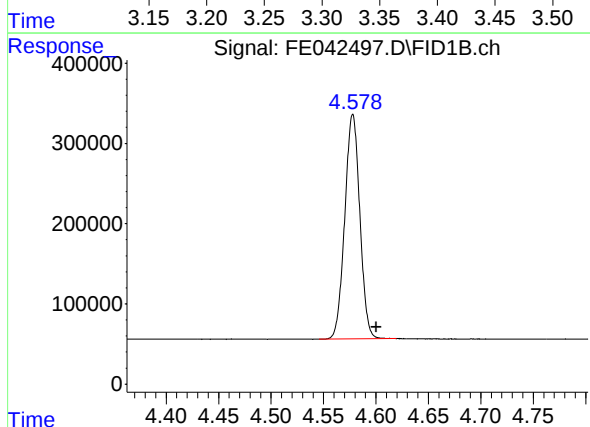




#1 n-Nonane (C9)

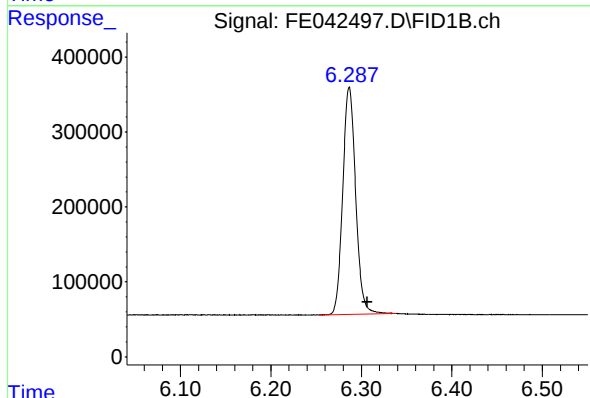
R.T.: 3.326 min
Delta R.T.: -0.022 min
Response: 2693774
Conc: 18.68 ug/ml

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20 PPM ALIPHATIC HC STD



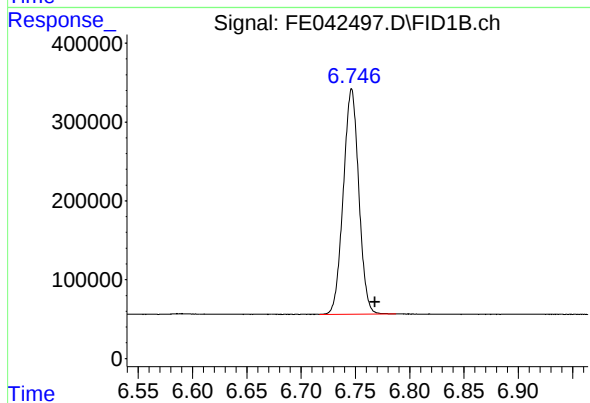
#2 n-Decane (C10)

R.T.: 4.578 min
Delta R.T.: -0.023 min
Response: 2798569
Conc: 18.90 ug/ml



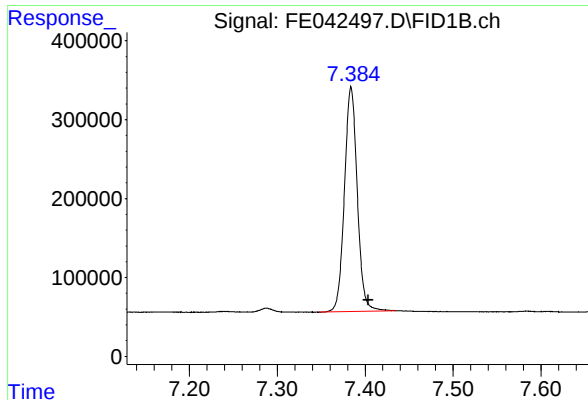
#3 A~Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: -0.020 min
Response: 3004935
Conc: 18.42 ug/ml



#4 n-Dodecane (C12)

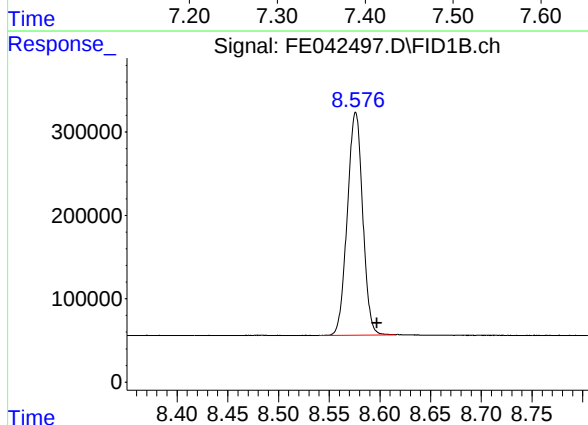
R.T.: 6.747 min
Delta R.T.: -0.022 min
Response: 2838810
Conc: 18.93 ug/ml



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

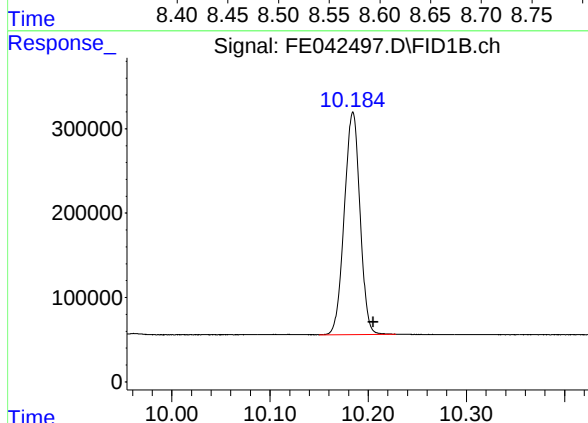
R.T.: 7.384 min
Delta R.T.: -0.020 min
Response: 2886394
Conc: 18.19 ug/ml

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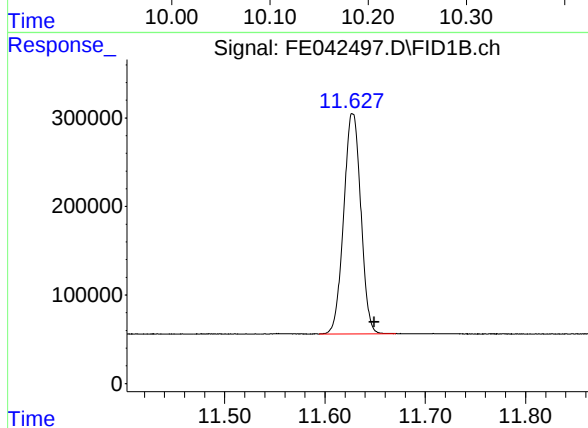
#6 n-Tetradecane (C14)

R.T.: 8.576 min
Delta R.T.: -0.021 min
Response: 2819815
Conc: 18.82 ug/ml



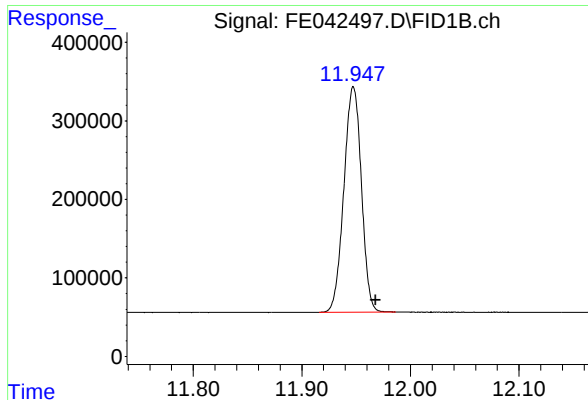
#7 n-Hexadecane (C16)

R.T.: 10.184 min
Delta R.T.: -0.021 min
Response: 2928091
Conc: 18.80 ug/ml



#8 n-Octadecane (C18)

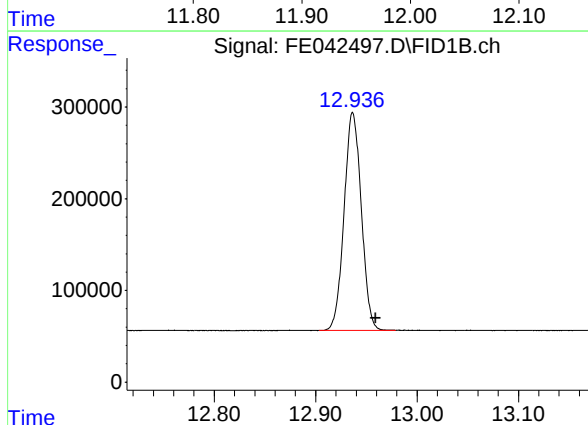
R.T.: 11.628 min
Delta R.T.: -0.022 min
Response: 2948678
Conc: 18.65 ug/ml



#9 ortho-Terphenyl (SURR)

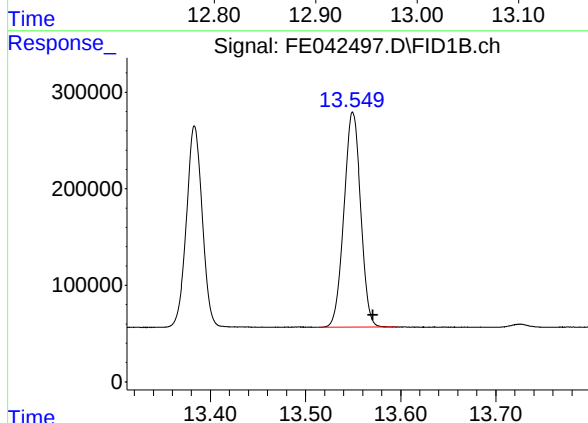
R.T.: 11.948 min
Delta R.T.: -0.021 min
Response: 3222858
Conc: 18.25 ug/ml

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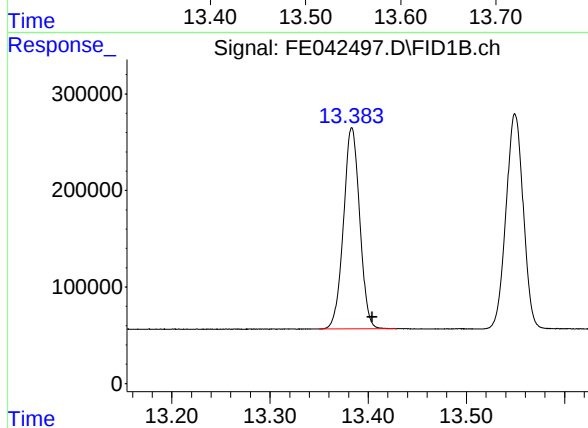
#10 n-Eicosane (C20)

R.T.: 12.937 min
Delta R.T.: -0.023 min
Response: 2802045
Conc: 18.49 ug/ml



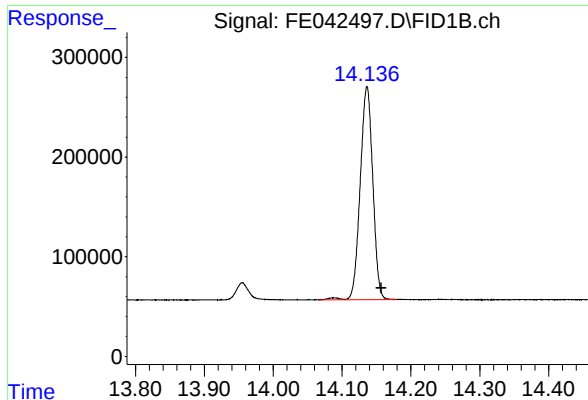
#11 n-Heneicosane (C21)

R.T.: 13.550 min
Delta R.T.: -0.021 min
Response: 2724125
Conc: 18.39 ug/ml



#12 1-chlorooctadecane (SURR)

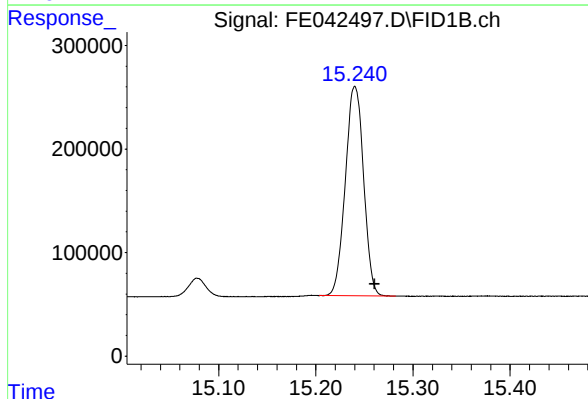
R.T.: 13.383 min
Delta R.T.: -0.021 min
Response: 2389805
Conc: 17.98 ug/ml



#13 n-Docosane (C22)

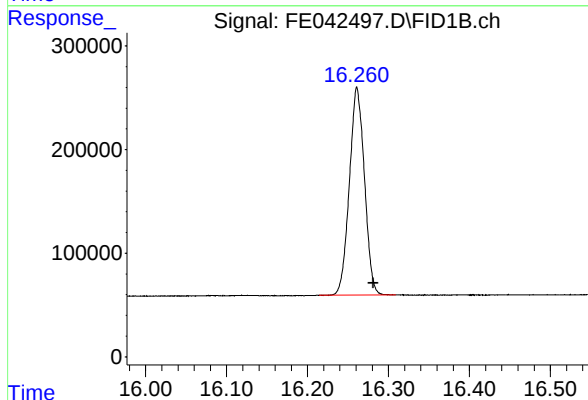
R.T.: 14.136 min
Delta R.T.: -0.021 min
Response: 2717067
Conc: 18.53 ug/ml

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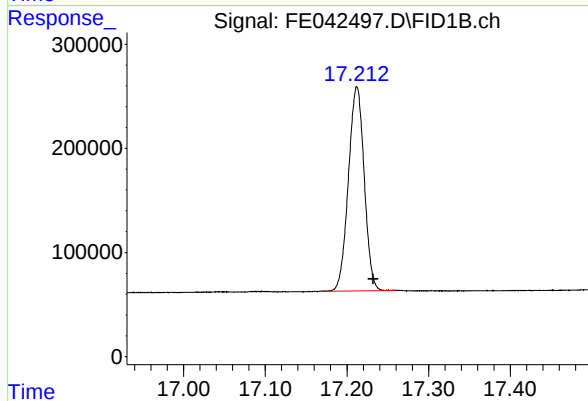
#14 n-Tetracosane (C24)

R.T.: 15.240 min
Delta R.T.: -0.021 min
Response: 2636385
Conc: 18.26 ug/ml



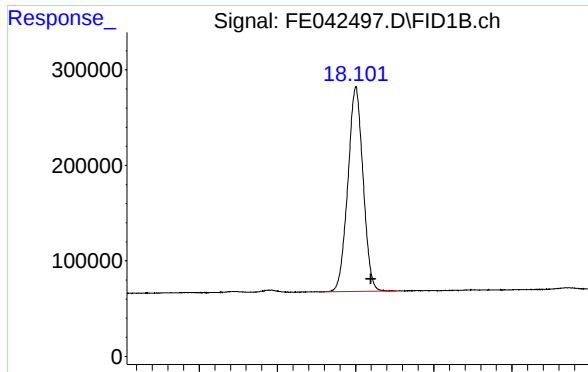
#15 n-Hexacosane (C26)

R.T.: 16.261 min
Delta R.T.: -0.020 min
Response: 2595286
Conc: 18.74 ug/ml



#16 n-Octacosane (C28)

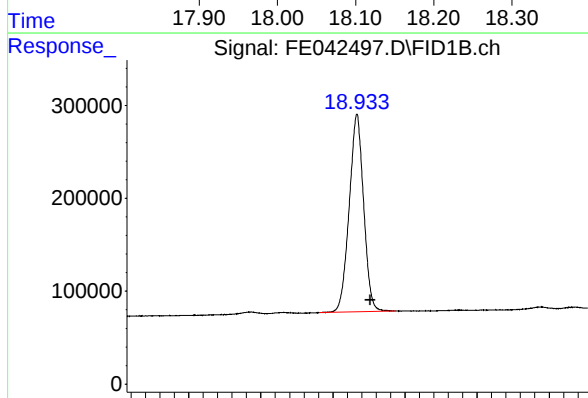
R.T.: 17.212 min
Delta R.T.: -0.020 min
Response: 2634099
Conc: 19.67 ug/ml



#17 n-Tricontane (C30)

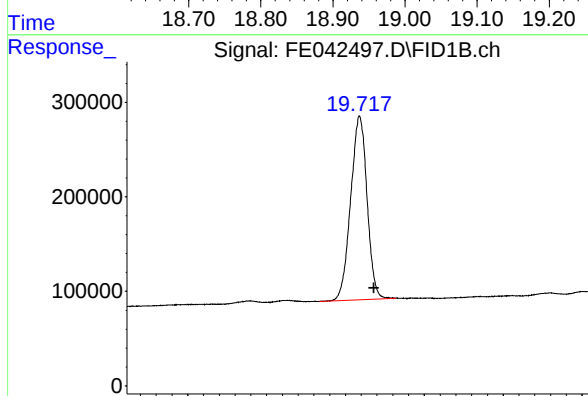
R.T.: 18.100 min
Delta R.T.: -0.019 min
Response: 2891125
Conc: 21.42 ug/ml

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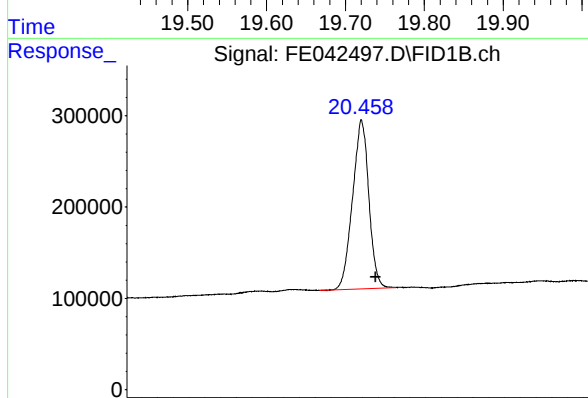
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: -0.019 min
Response: 2959620
Conc: 22.15 ug/ml



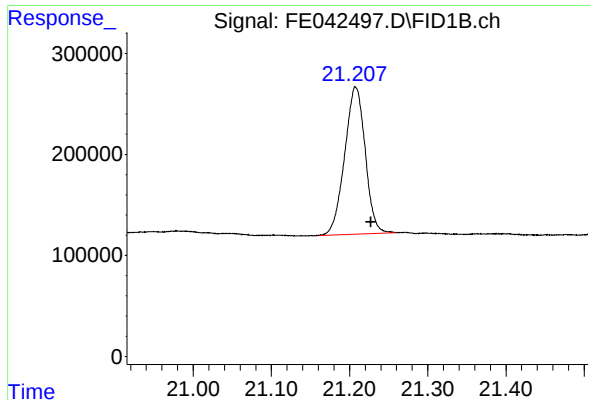
#19 n-Tetatriacontane (C34)

R.T.: 19.718 min
Delta R.T.: -0.019 min
Response: 2803108
Conc: 21.31 ug/ml



#20 n-Hexatriacontane (C36)

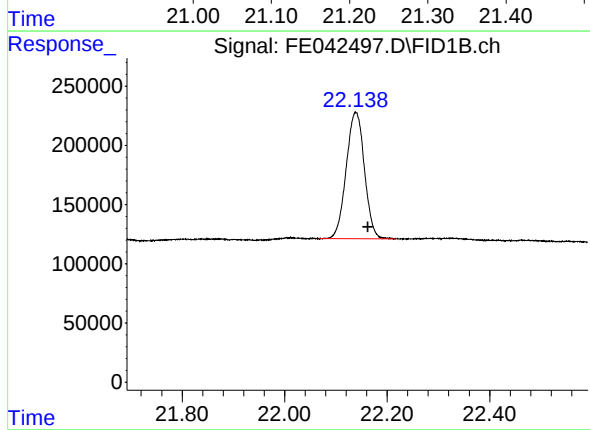
R.T.: 20.459 min
Delta R.T.: -0.018 min
Response: 2646180
Conc: 20.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: -0.020 min
Response: 2664129
Conc: 19.64 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.139 min
Delta R.T.: -0.024 min
Response: 2640168
Conc: 18.98 ug/ml