

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060523AL\
 Data File : FE042405.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jun 2023 03:10
 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 06 04:15:06 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

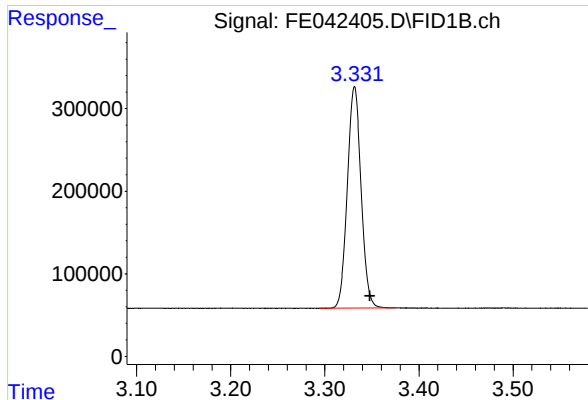
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.955	3281829	18.586 ug/ml
Spiked Amount 50.000		Recovery =	37.17%
12) S 1-chlorooctadecane (S...	13.392	2423200	18.236 ug/ml
Spiked Amount 50.000		Recovery =	36.47%
Target Compounds			
1) T n-Nonane (C9)	3.332	2721504	18.873 ug/ml
2) T n-Decane (C10)	4.584	2807440	18.965 ug/ml
3) T A~Naphthalene (C11.7)	6.294	3025502	18.543 ug/ml
4) T n-Dodecane (C12)	6.753	2834764	18.904 ug/ml
5) T A~2-methylnaphthalene...	7.391	2900741	18.278 ug/ml
6) T n-Tetradecane (C14)	8.583	2813394	18.780 ug/ml
7) T n-Hexadecane (C16)	10.191	2918893	18.738 ug/ml
8) T n-Octadecane (C18)	11.635	2948871	18.648 ug/ml
10) T n-Eicosane (C20)	12.945	2820649	18.608 ug/ml
11) T n-Heneicosane (C21)	13.557	2750707	18.567 ug/ml
13) T n-Docosane (C22)	14.144	2705497	18.455 ug/ml
14) T n-Tetracosane (C24)	15.248	2689599	18.632 ug/ml
15) T n-Hexacosane (C26)	16.270	2655941	19.177 ug/ml
16) T n-Octacosane (C28)	17.219	2679498	20.014 ug/ml
17) T n-Tricontane (C30)	18.108	2917273	21.611 ug/ml
18) T n-Dotriacontane (C32)	18.942	2982454	22.325 ug/ml
19) T n-Tetratriacontane (C34)	19.726	2786916	21.192 ug/ml
20) T n-Hexatriacontane (C36)	20.467	2723510	20.954 ug/ml
21) T n-Octatriacontane (C38)	21.216	2653087	19.555 ug/ml
22) T n-Tetracontane (C40)	22.150	2730323	19.626 ug/ml

(f)=RT Delta > 1/2 Window

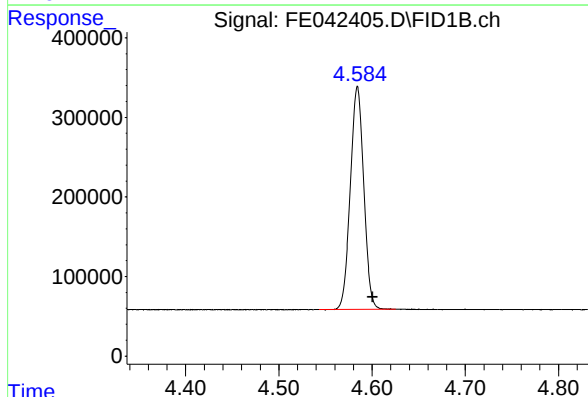
(m)=manual int.



#1 n-Nonane (C9)

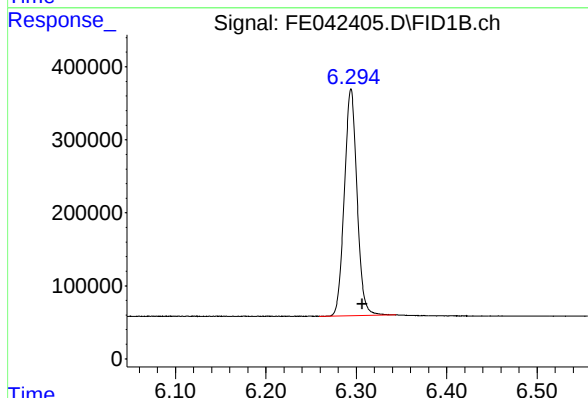
R.T.: 3.332 min
Delta R.T.: -0.016 min
Response: 2721504
Conc: 18.87 ug/ml

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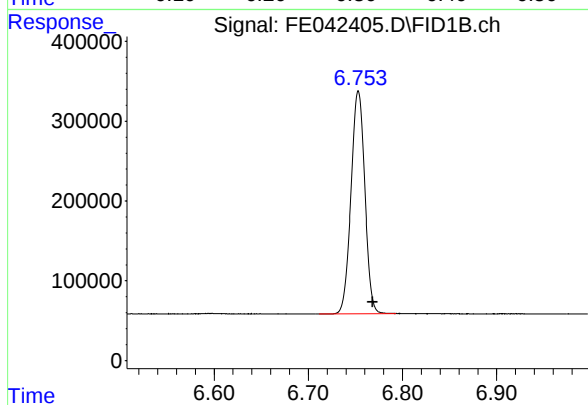
#2 n-Decane (C10)

R.T.: 4.584 min
Delta R.T.: -0.016 min
Response: 2807440
Conc: 18.96 ug/ml



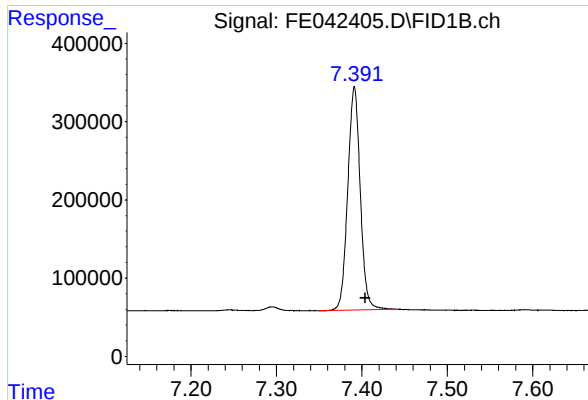
#3 A~Naphthalene (C11.7)

R.T.: 6.294 min
Delta R.T.: -0.013 min
Response: 3025502
Conc: 18.54 ug/ml



#4 n-Dodecane (C12)

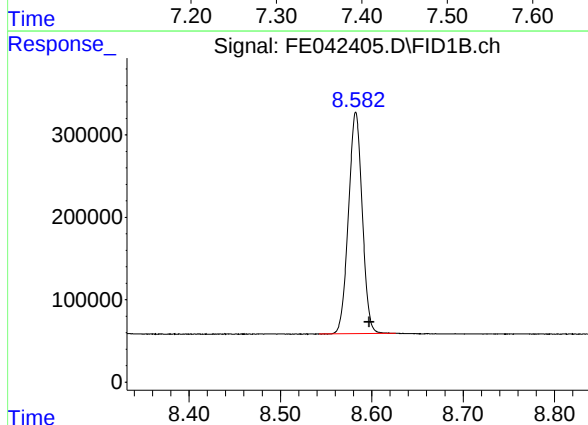
R.T.: 6.753 min
Delta R.T.: -0.015 min
Response: 2834764
Conc: 18.90 ug/ml



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

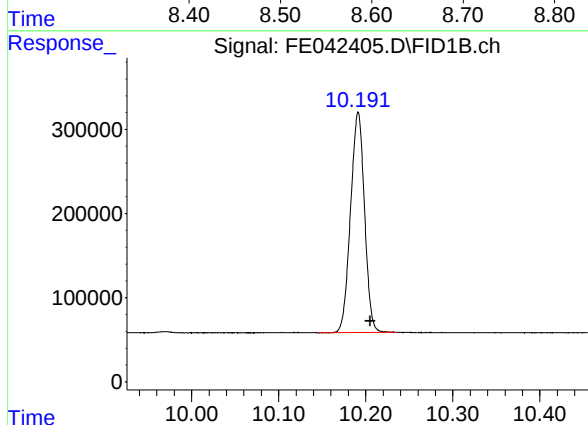
R.T.: 7.391 min
Delta R.T.: -0.012 min
Response: 2900741
Conc: 18.28 ug/ml

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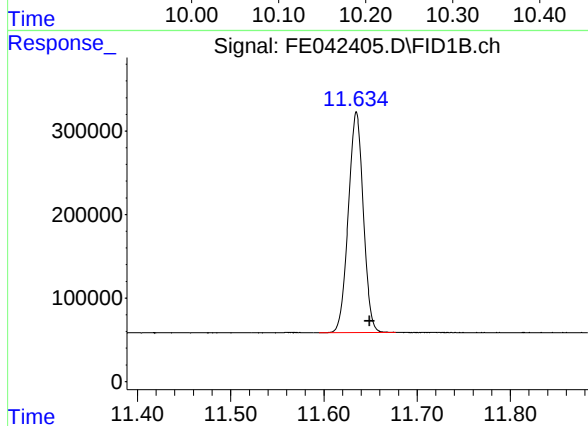
#6 n-Tetradecane (C14)

R.T.: 8.583 min
Delta R.T.: -0.015 min
Response: 2813394
Conc: 18.78 ug/ml



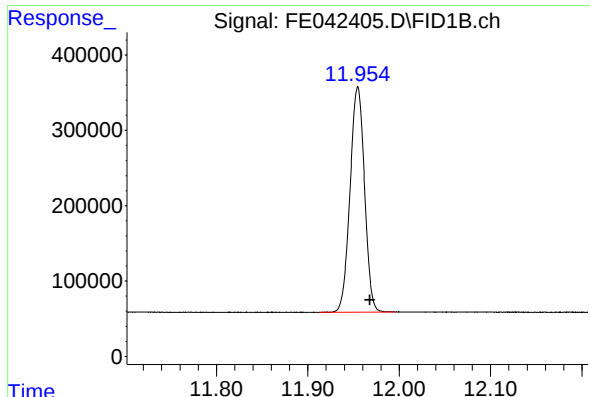
#7 n-Hexadecane (C16)

R.T.: 10.191 min
Delta R.T.: -0.014 min
Response: 2918893
Conc: 18.74 ug/ml



#8 n-Octadecane (C18)

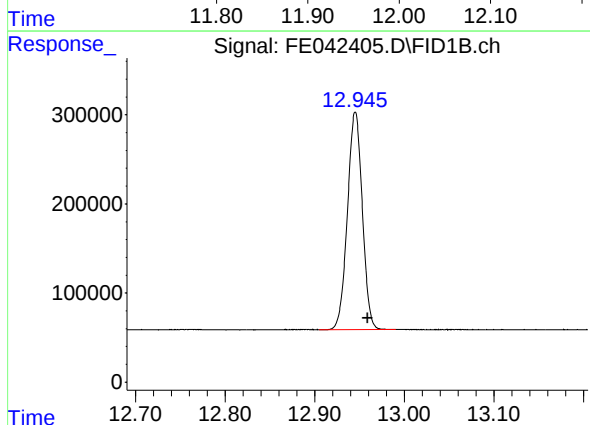
R.T.: 11.635 min
Delta R.T.: -0.014 min
Response: 2948871
Conc: 18.65 ug/ml



#9 ortho-Terphenyl (SURR)

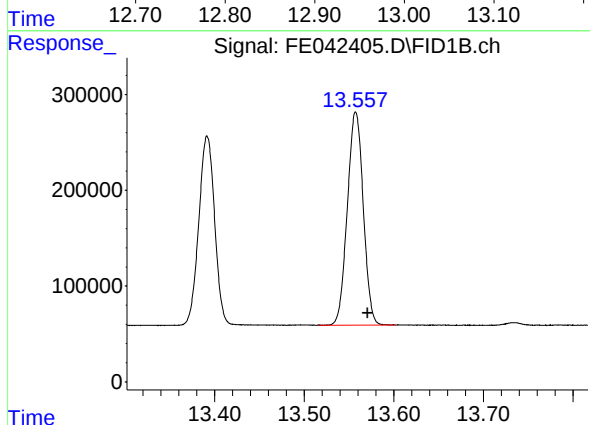
R.T.: 11.955 min
Delta R.T.: -0.013 min
Response: 3281829
Conc: 18.59 ug/ml

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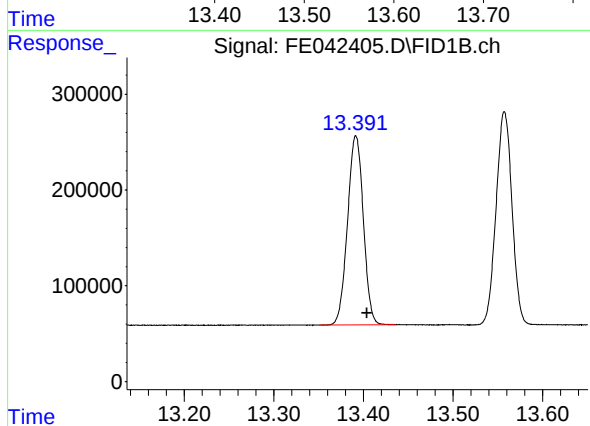
#10 n-Eicosane (C20)

R.T.: 12.945 min
Delta R.T.: -0.014 min
Response: 2820649
Conc: 18.61 ug/ml



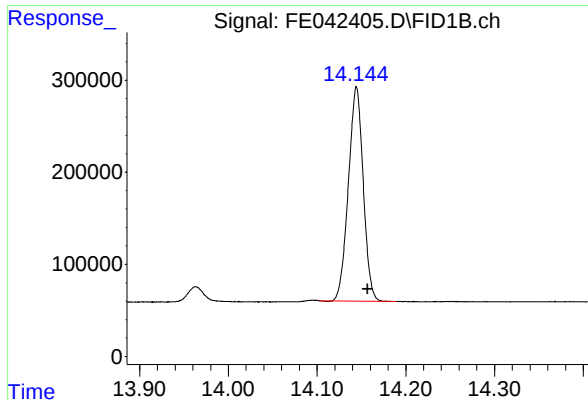
#11 n-Heneicosane (C21)

R.T.: 13.557 min
Delta R.T.: -0.013 min
Response: 2750707
Conc: 18.57 ug/ml



#12 1-chlorooctadecane (SURR)

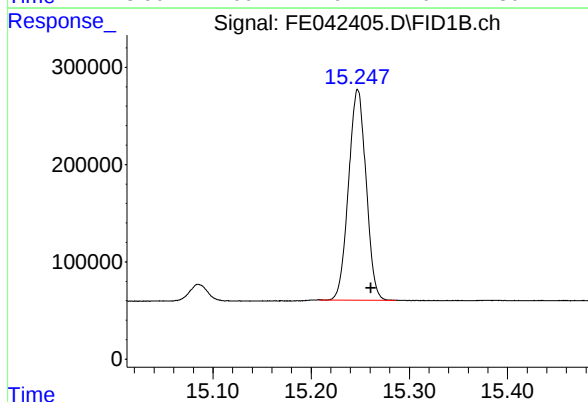
R.T.: 13.392 min
Delta R.T.: -0.012 min
Response: 2423200
Conc: 18.24 ug/ml



#13 n-Docosane (C22)

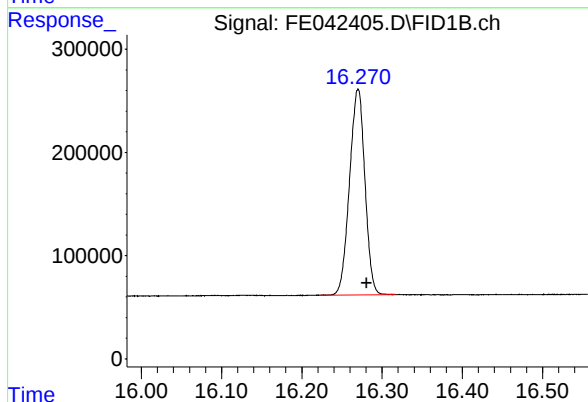
R.T.: 14.144 min
Delta R.T.: -0.013 min
Response: 2705497
Conc: 18.46 ug/ml

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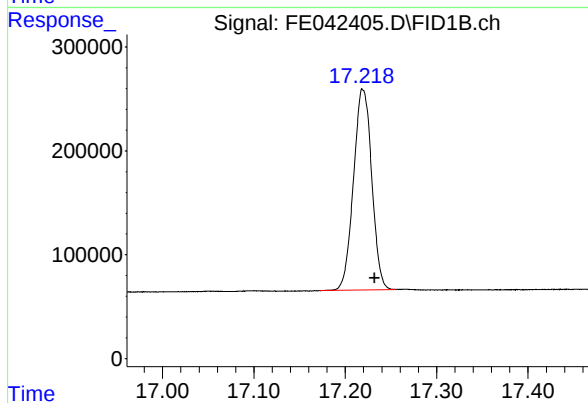
#14 n-Tetracosane (C24)

R.T.: 15.248 min
Delta R.T.: -0.013 min
Response: 2689599
Conc: 18.63 ug/ml



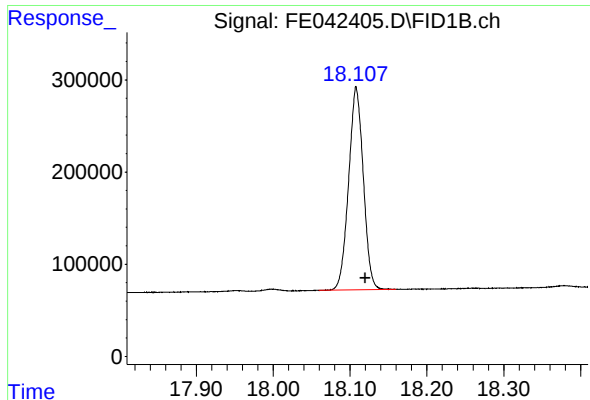
#15 n-Hexacosane (C26)

R.T.: 16.270 min
Delta R.T.: -0.011 min
Response: 2655941
Conc: 19.18 ug/ml



#16 n-Octacosane (C28)

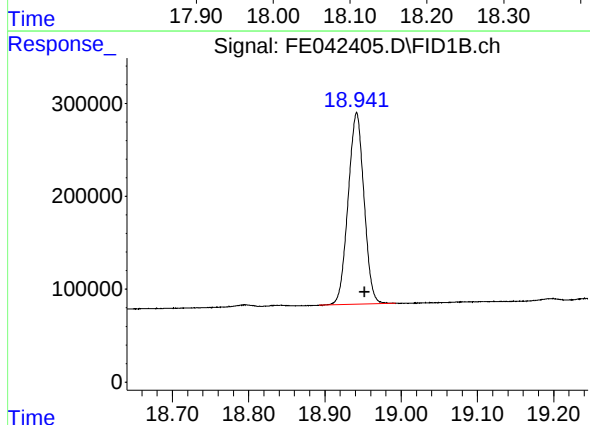
R.T.: 17.219 min
Delta R.T.: -0.013 min
Response: 2679498
Conc: 20.01 ug/ml



#17 n-Tricontane (C30)

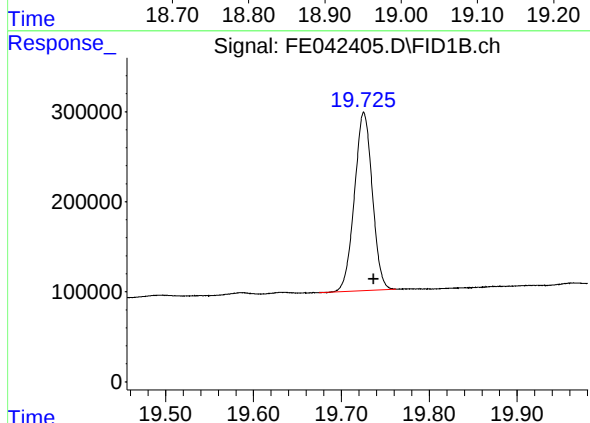
R.T.: 18.108 min
Delta R.T.: -0.012 min
Response: 2917273
Conc: 21.61 ug/ml

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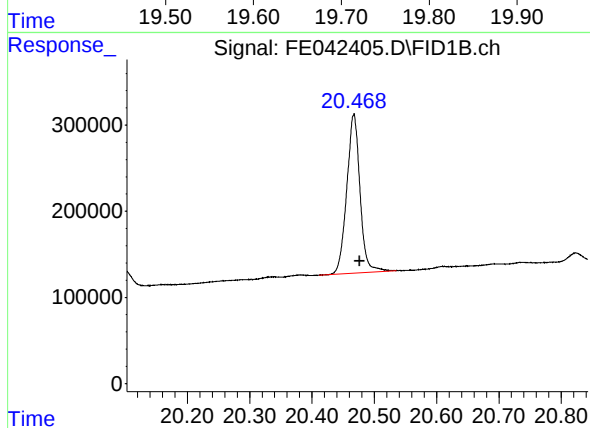
#18 n-Dotriacontane (C32)

R.T.: 18.942 min
Delta R.T.: -0.010 min
Response: 2982454
Conc: 22.33 ug/ml



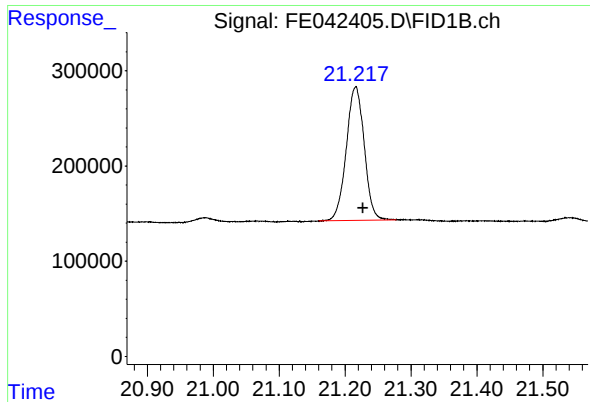
#19 n-Tetratriacontane (C34)

R.T.: 19.726 min
Delta R.T.: -0.011 min
Response: 2786916
Conc: 21.19 ug/ml



#20 n-Hexatriacontane (C36)

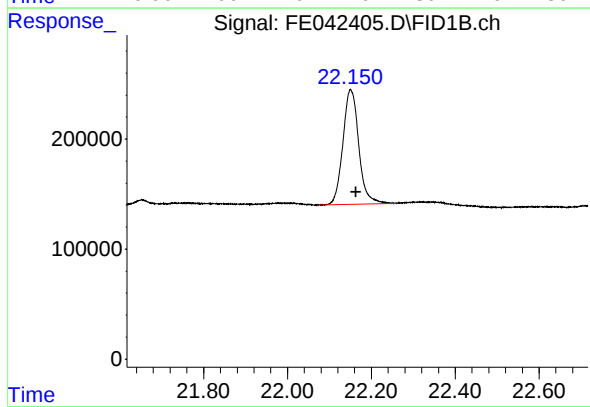
R.T.: 20.467 min
Delta R.T.: -0.010 min
Response: 2723510
Conc: 20.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.216 min
Delta R.T.: -0.011 min
Response: 2653087
Conc: 19.56 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.150 min
Delta R.T.: -0.013 min
Response: 2730323
Conc: 19.63 ug/ml