

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081321AL\
 Data File : FD038537.D
 Signal(s) : FID2B.CH
 Acq On : 13 Aug 2021 10:45
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
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mohammad
 8/17/2021 11:45:28 AM

Integration File: autoint1.e
 Quant Time: Aug 14 00:01:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 03:20:37 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

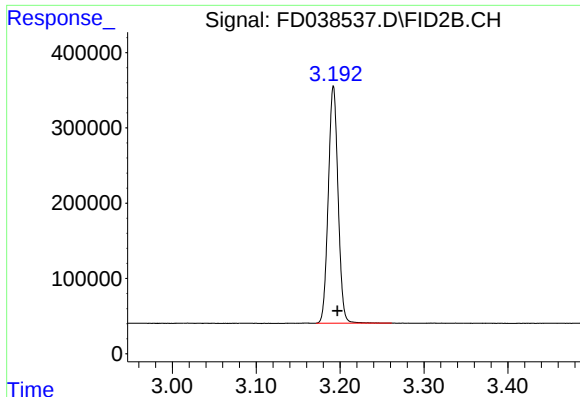
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.366	2704677	19.814 ug/ml
Spiked Amount 50.000		Recovery =	39.63%
12) S 1-chlorooctadecane (S...	12.803	2097817	19.508 ug/ml
Spiked Amount 50.000		Recovery =	39.02%
Target Compounds			
1) T n-Nonane (C9)	3.192	2545631	21.683 ug/ml
2) T n-Decane (C10)	4.244	2603812	22.084 ug/ml
3) T A~Naphthalene (C11.7)	5.808	2871874	22.001 ug/ml
4) T n-Dodecane (C12)	6.246	2627014	22.124 ug/ml
5) T A~2-methylnaphthalene...	6.859	2894757	22.122 ug/ml
6) T n-Tetradecane (C14)	8.032	2657388	21.865 ug/ml
7) T n-Hexadecane (C16)	9.624	2636155	21.570 ug/ml
8) T n-Octadecane (C18)	11.060	2648290	21.034 ug/ml
10) T n-Eicosane (C20)	12.363	2551438	20.241 ug/ml
11) T n-Heneicosane (C21)	12.972	2514295	19.696 ug/ml
13) T n-Docosane (C22)	13.555	2497484	19.618 ug/ml
14) T n-Tetracosane (C24)	14.652	2481989	19.295 ug/ml
15) T n-Hexacosane (C26)	15.669	2396224	18.816 ug/ml
16) T n-Octacosane (C28)	16.615	2379198	18.648 ug/ml
17) T n-Tricontane (C30)	17.497	2353437	18.575 ug/ml
18) T n-Dotriacontane (C32)	18.326	2243299	18.257 ug/ml
19) T n-Tetratriacontane (C34)	19.106	2189706	18.347 ug/ml
20) T n-Hexatriacontane (C36)	19.844	2222224	19.939 ug/mlm
21) T n-Octatriacontane (C38)	20.543	2258910	21.851 ug/mlm
22) T n-Tetracontane (C40)	21.353	2395992	23.872 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



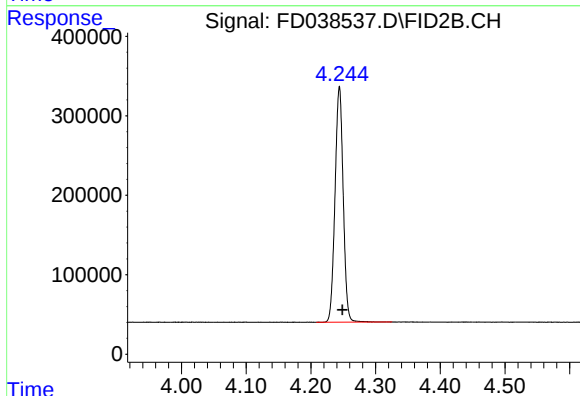
#1 n-Nonane (C9)

R.T.: 3.192 min
Delta R.T.: -0.005 min
Response: 2545631
Conc: 21.68 ug/ml

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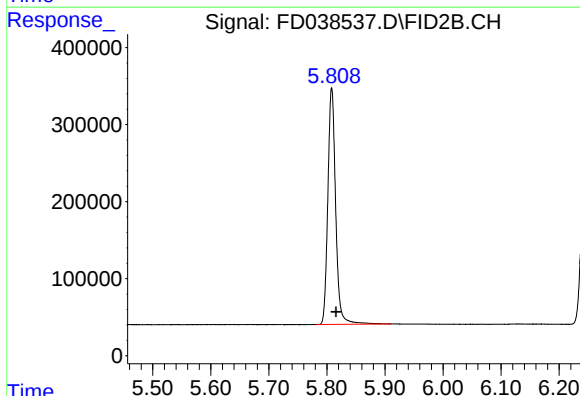
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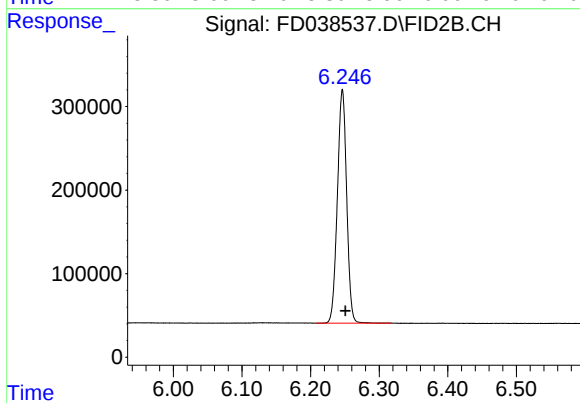
#2 n-Decane (C10)

R.T.: 4.244 min
Delta R.T.: -0.005 min
Response: 2603812
Conc: 22.08 ug/ml



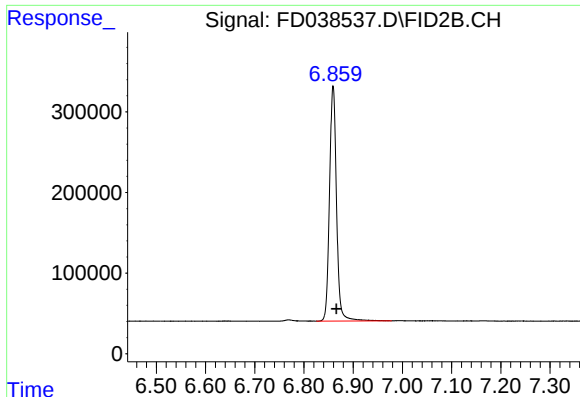
#3 A~Naphthalene (C11.7)

R.T.: 5.808 min
Delta R.T.: -0.007 min
Response: 2871874
Conc: 22.00 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.246 min
Delta R.T.: -0.005 min
Response: 2627014
Conc: 22.12 ug/ml



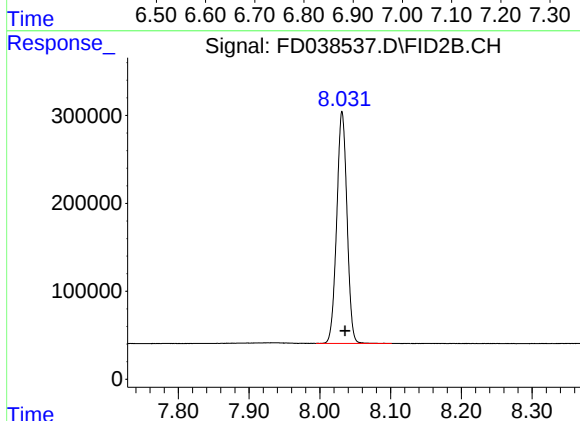
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.859 min
Delta R.T.: -0.007 min
Response: 2894757
Conc: 22.12 ug/ml

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20 PPM ALIPHATIC HC STD

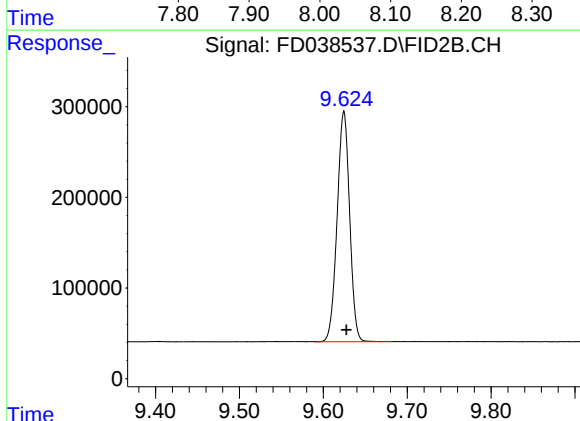
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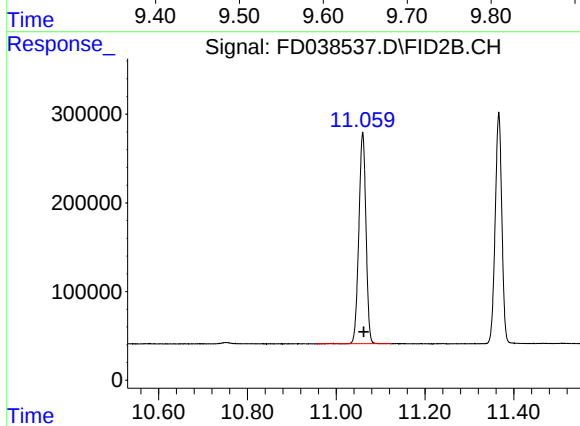
#6 n-Tetradecane (C14)

R.T.: 8.032 min
Delta R.T.: -0.004 min
Response: 2657388
Conc: 21.87 ug/ml



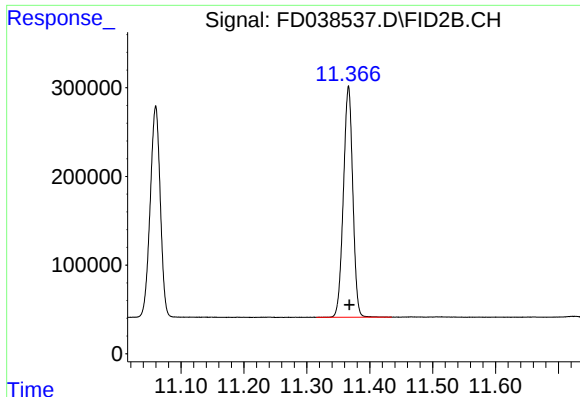
#7 n-Hexadecane (C16)

R.T.: 9.624 min
Delta R.T.: -0.003 min
Response: 2636155
Conc: 21.57 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.060 min
Delta R.T.: -0.002 min
Response: 2648290
Conc: 21.03 ug/ml



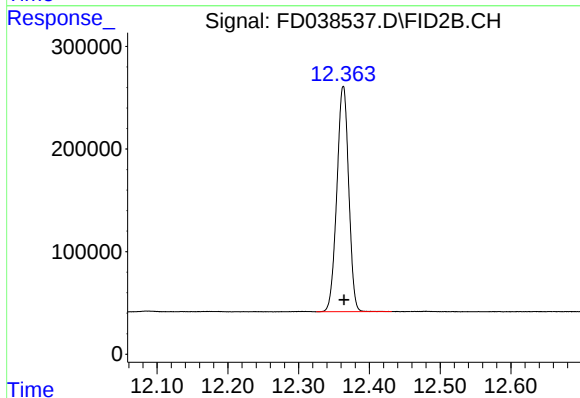
#9 ortho-Terphenyl (SURR)

R.T.: 11.366 min
Delta R.T.: -0.002 min
Response: 2704677
Conc: 19.81 ug/ml

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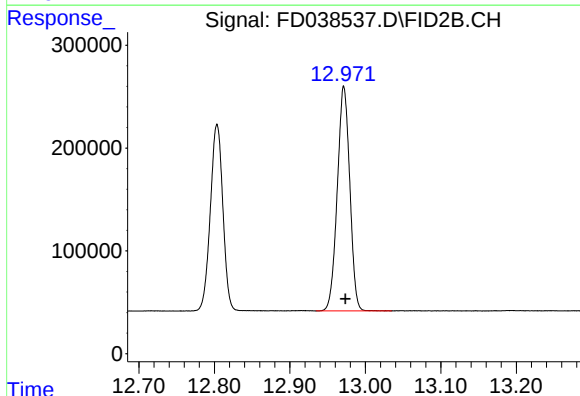
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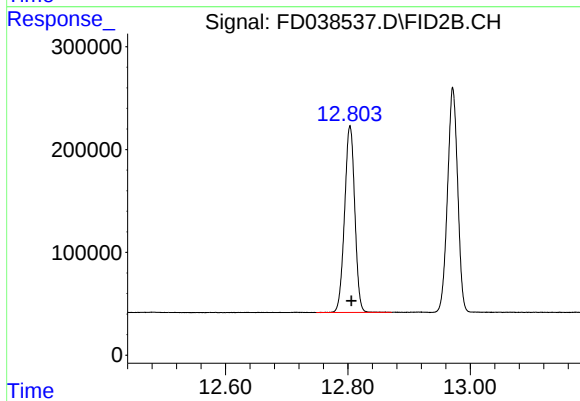
#10 n-Eicosane (C20)

R.T.: 12.363 min
Delta R.T.: -0.001 min
Response: 2551438
Conc: 20.24 ug/ml



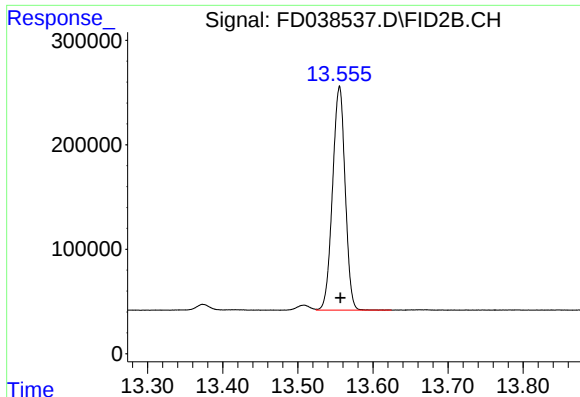
#11 n-Heneicosane (C21)

R.T.: 12.972 min
Delta R.T.: -0.002 min
Response: 2514295
Conc: 19.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.803 min
Delta R.T.: -0.002 min
Response: 2097817
Conc: 19.51 ug/ml



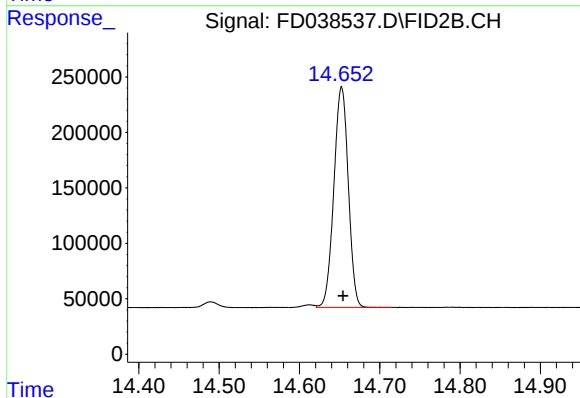
#13 n-Docosane (C22)

R.T.: 13.555 min
Delta R.T.: -0.001 min
Response: 2497484
Conc: 19.62 ug/ml

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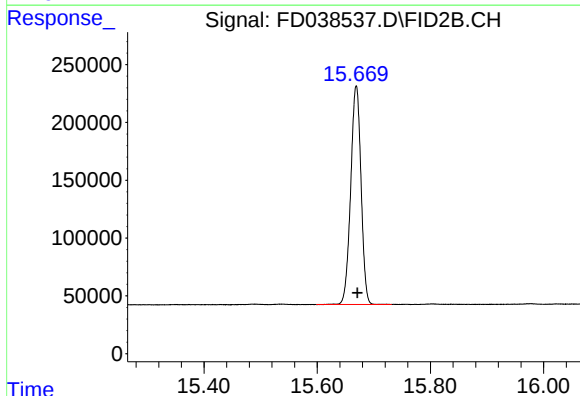
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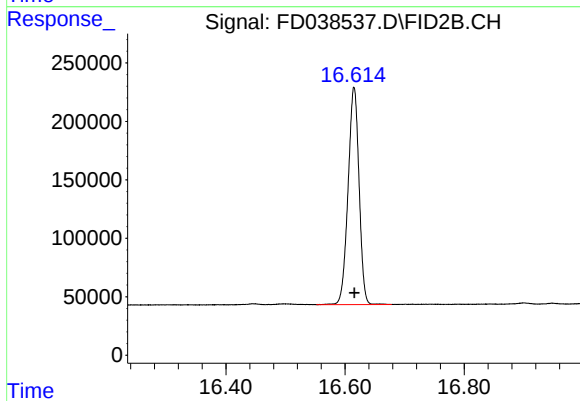
#14 n-Tetracosane (C24)

R.T.: 14.652 min
Delta R.T.: -0.002 min
Response: 2481989
Conc: 19.30 ug/ml



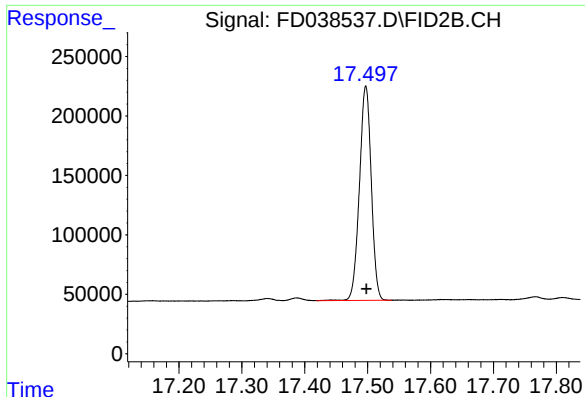
#15 n-Hexacosane (C26)

R.T.: 15.669 min
Delta R.T.: -0.002 min
Response: 2396224
Conc: 18.82 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.615 min
Delta R.T.: 0.000 min
Response: 2379198
Conc: 18.65 ug/ml



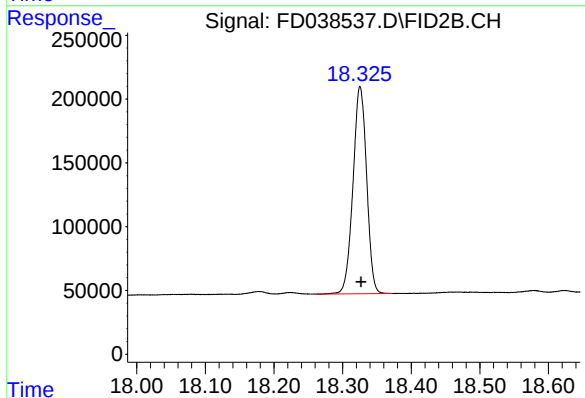
#17 n-Tricontane (C30)

R.T.: 17.497 min
Delta R.T.: -0.001 min
Response: 2353437
Conc: 18.58 ug/ml

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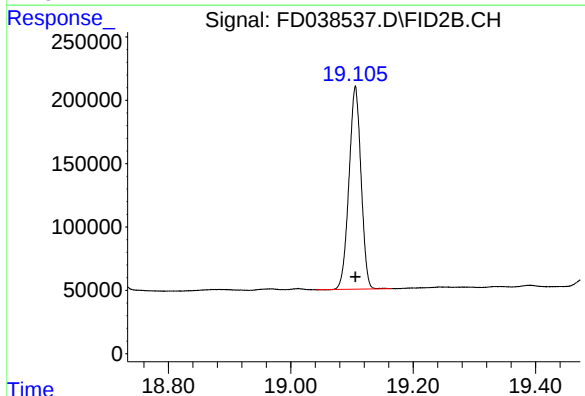
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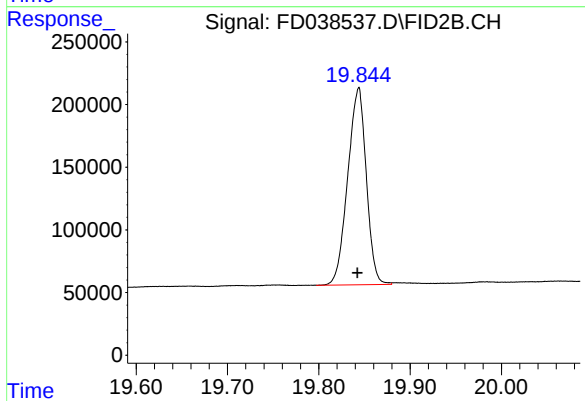
#18 n-Dotriacontane (C32)

R.T.: 18.326 min
Delta R.T.: -0.001 min
Response: 2243299
Conc: 18.26 ug/ml



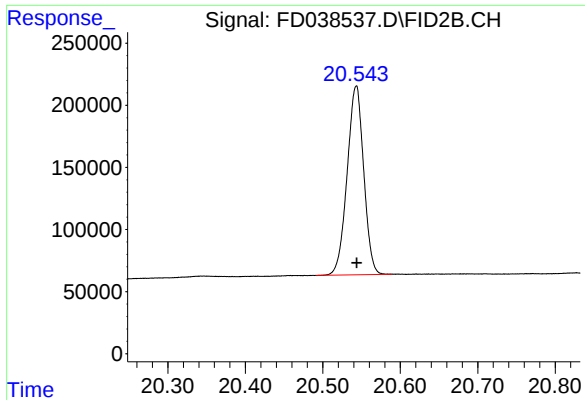
#19 n-Tetratriacontane (C34)

R.T.: 19.106 min
Delta R.T.: 0.000 min
Response: 2189706
Conc: 18.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.844 min
Delta R.T.: 0.002 min
Response: 2222224
Conc: 19.94 ug/ml m



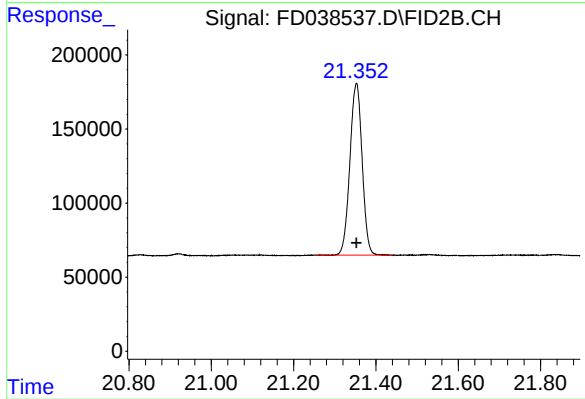
#21 n-Octatriacontane (C38)

R.T.: 20.543 min
Delta R.T.: 0.000 min
Response: 2258910
Conc: 21.85 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.353 min
Delta R.T.: 0.000 min
Response: 2395992
Conc: 23.87 ug/ml