

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060721AL\
 Data File : FC054100.D
 Signal(s) : FID1A.CH
 Acq On : 08 Jun 2021 1:17
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Jun 08 03:00:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 052721.M
 Quant Title : GC Extractables
 QLast Update : Fri May 28 09:04:47 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

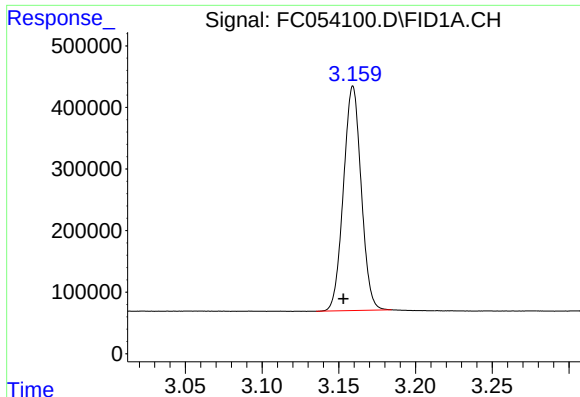
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.356	3143607	22.515 ug/ml
Spiked Amount 50.000		Recovery =	45.03%
12) S 1-chlorooctadecane (S...	12.801	2401550	21.420 ug/ml
Spiked Amount 50.000		Recovery =	42.84%
Target Compounds			
1) T n-Nonane (C9)	3.159	2934090	24.835 ug/mlm
2) T n-Decane (C10)	4.216	3010918	25.261 ug/mlm
3) T A~Naphthalene (C11.7)	5.784	3266548	24.976 ug/mlm
4) T n-Dodecane (C12)	6.226	3066783	24.981 ug/mlm
5) T A~2-methylnaphthalene...	6.837	3336820	24.996 ug/mlm
6) T n-Tetradecane (C14)	8.016	3092497	24.931 ug/ml
7) T n-Hexadecane (C16)	9.613	3005529	24.123 ug/ml
8) T n-Octadecane (C18)	11.053	3052822	23.177 ug/ml
10) T n-Eicosane (C20)	12.360	2964638	22.118 ug/ml
11) T n-Heneicosane (C21)	12.971	2894294	21.579 ug/ml
13) T n-Docosane (C22)	13.557	2857372	21.260 ug/ml
14) T n-Tetracosane (C24)	14.658	2770132	20.631 ug/ml
15) T n-Hexacosane (C26)	15.679	2682224	20.238 ug/ml
16) T n-Octacosane (C28)	16.628	2712015	20.540 ug/ml
17) T n-Tricontane (C30)	17.515	2794768	21.315 ug/ml
18) T n-Dotriacontane (C32)	18.348	2809944	21.782 ug/ml
19) T n-Tetratriacontane (C34)	19.131	2731120	22.387 ug/mlm
20) T n-Hexatriacontane (C36)	19.871	2589918	22.940 ug/mlm
21) T n-Octatriacontane (C38)	20.578	2443835	24.237 ug/mlm
22) T n-Tetracontane (C40)	21.411	2501357	24.785 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



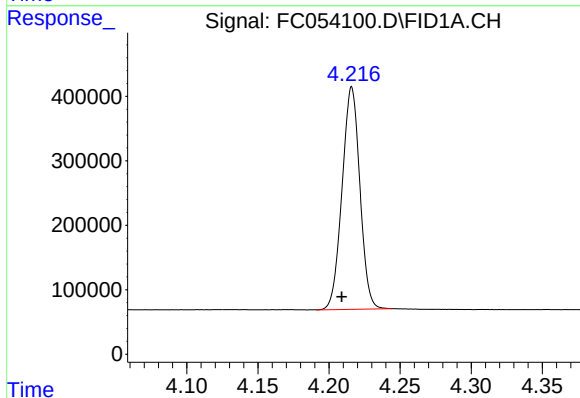
#1 n-Nonane (C9)

R.T.: 3.159 min
Delta R.T.: 0.006 min
Response: 2934090
Conc: 24.83 ug/ml m

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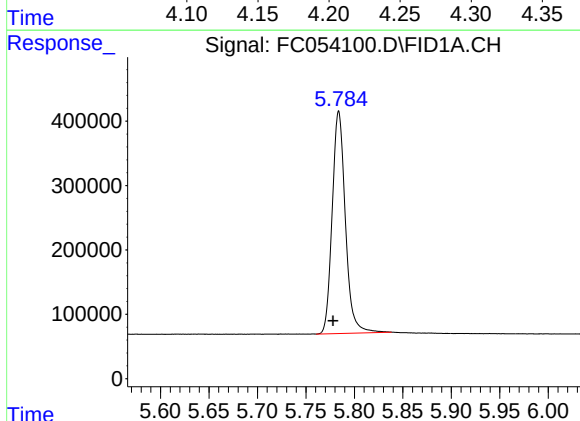
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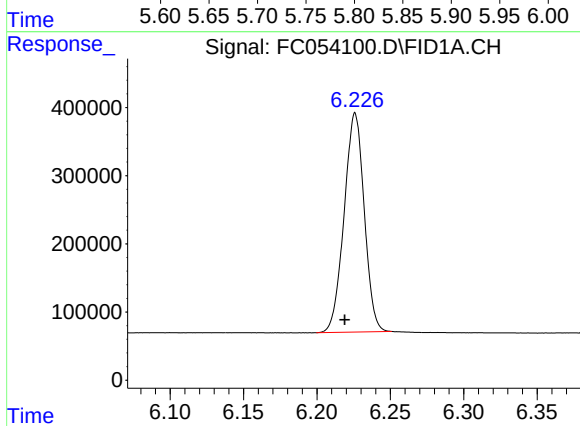
#2 n-Decane (C10)

R.T.: 4.216 min
Delta R.T.: 0.007 min
Response: 3010918
Conc: 25.26 ug/ml m



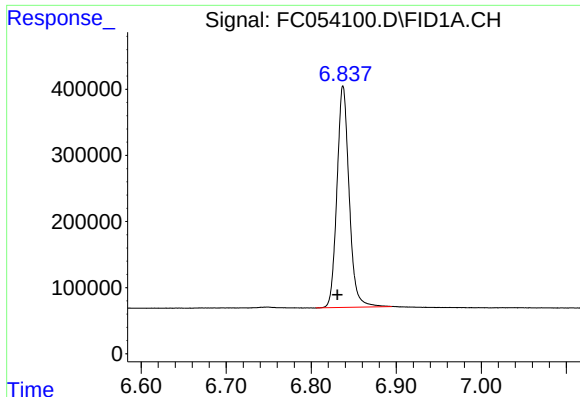
#3 A~Naphthalene (C11.7)

R.T.: 5.784 min
Delta R.T.: 0.006 min
Response: 3266548
Conc: 24.98 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.226 min
Delta R.T.: 0.007 min
Response: 3066783
Conc: 24.98 ug/ml m



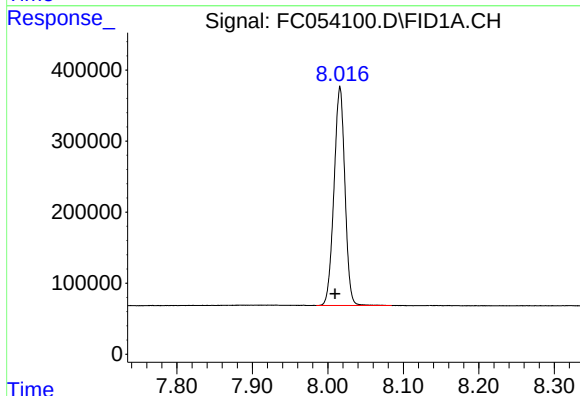
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.837 min
Delta R.T.: 0.006 min
Response: 3336820
Conc: 25.00 ug/ml m

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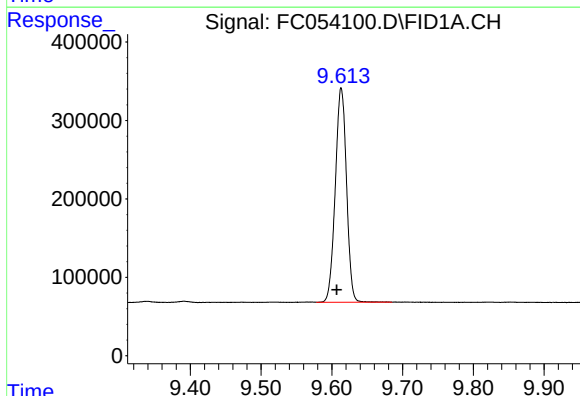
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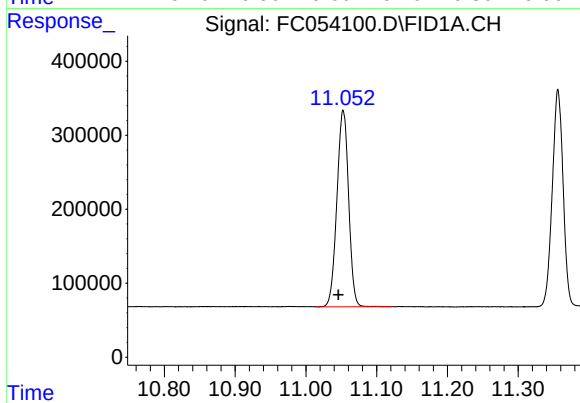
#6 n-Tetradecane (C14)

R.T.: 8.016 min
Delta R.T.: 0.006 min
Response: 3092497
Conc: 24.93 ug/ml



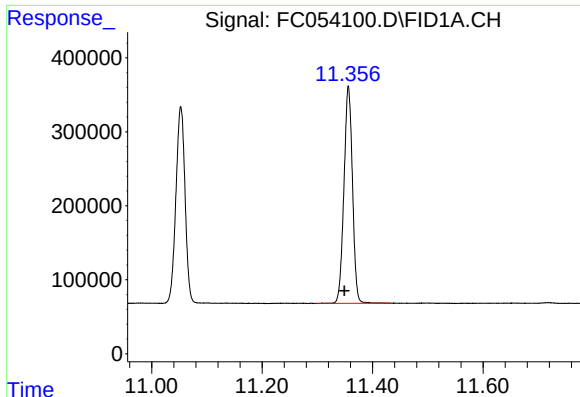
#7 n-Hexadecane (C16)

R.T.: 9.613 min
Delta R.T.: 0.007 min
Response: 3005529
Conc: 24.12 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.053 min
Delta R.T.: 0.007 min
Response: 3052822
Conc: 23.18 ug/ml



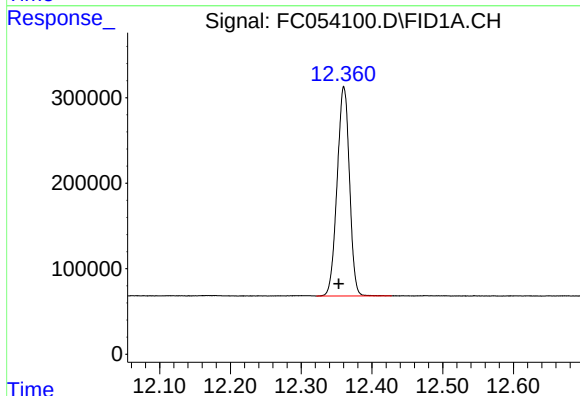
#9 ortho-Terphenyl (SURR)

R.T.: 11.356 min
Delta R.T.: 0.007 min
Response: 3143607
Conc: 22.51 ug/ml

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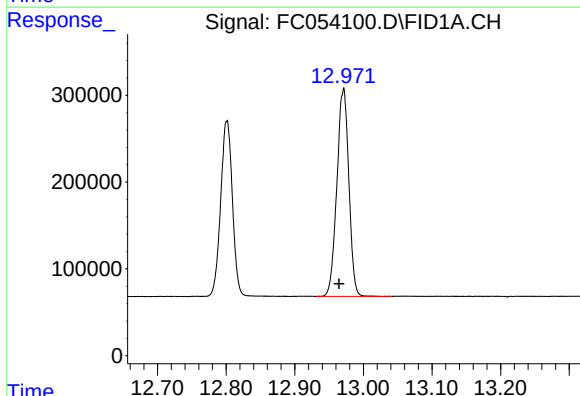
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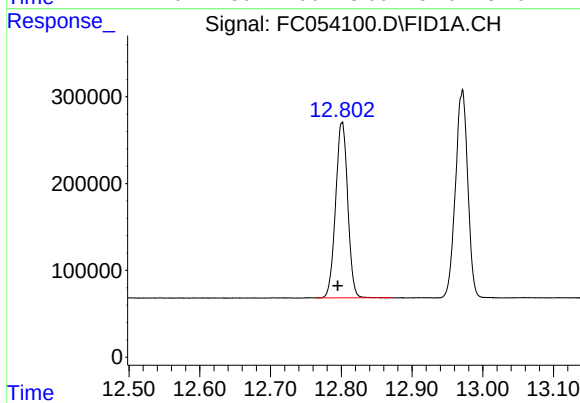
#10 n-Eicosane (C20)

R.T.: 12.360 min
Delta R.T.: 0.007 min
Response: 2964638
Conc: 22.12 ug/ml



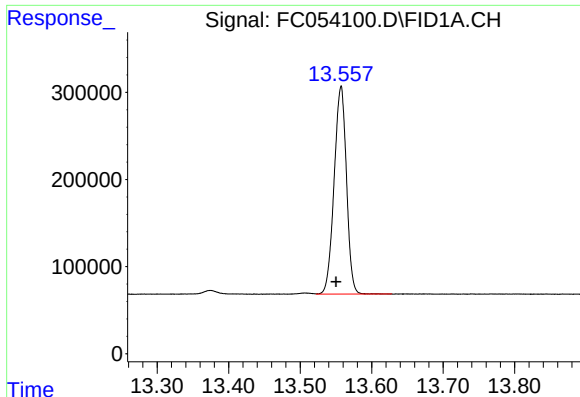
#11 n-Heneicosane (C21)

R.T.: 12.971 min
Delta R.T.: 0.006 min
Response: 2894294
Conc: 21.58 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.801 min
Delta R.T.: 0.006 min
Response: 2401550
Conc: 21.42 ug/ml



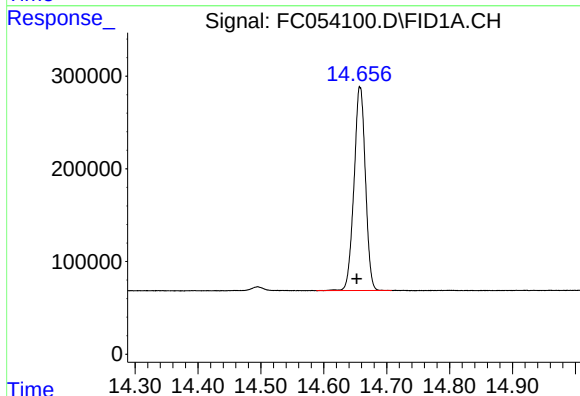
#13 n-Docosane (C22)

R.T.: 13.557 min
Delta R.T.: 0.007 min
Response: 2857372
Conc: 21.26 ug/ml

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20 PPM ALIPHATIC HC STD

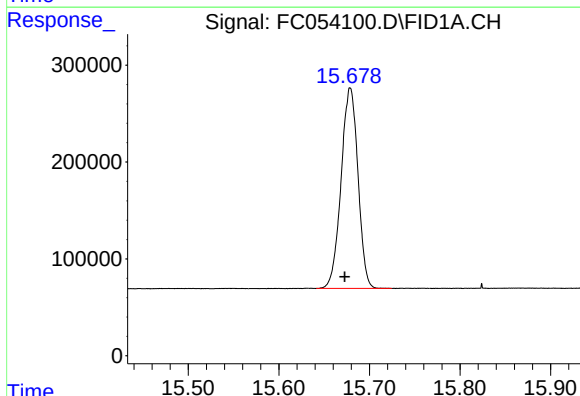
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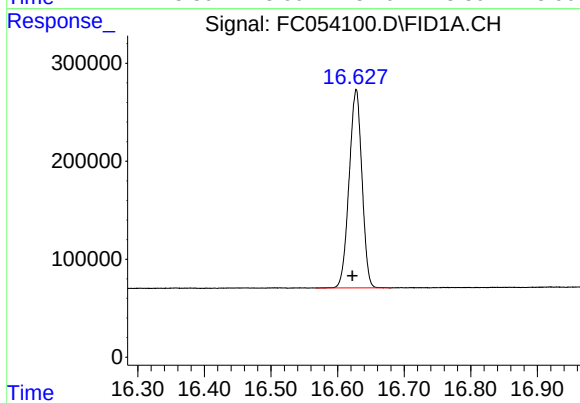
#14 n-Tetracosane (C24)

R.T.: 14.658 min
Delta R.T.: 0.005 min
Response: 2770132
Conc: 20.63 ug/ml



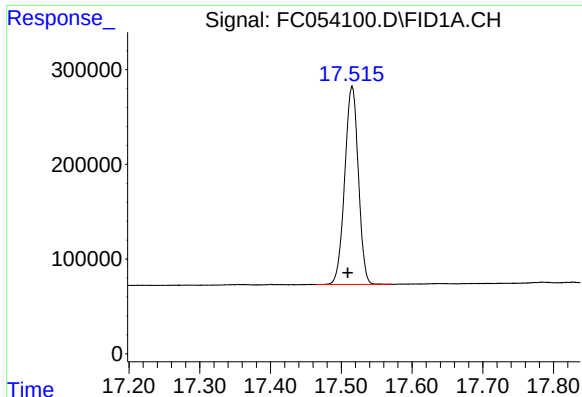
#15 n-Hexacosane (C26)

R.T.: 15.679 min
Delta R.T.: 0.006 min
Response: 2682224
Conc: 20.24 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.628 min
Delta R.T.: 0.006 min
Response: 2712015
Conc: 20.54 ug/ml



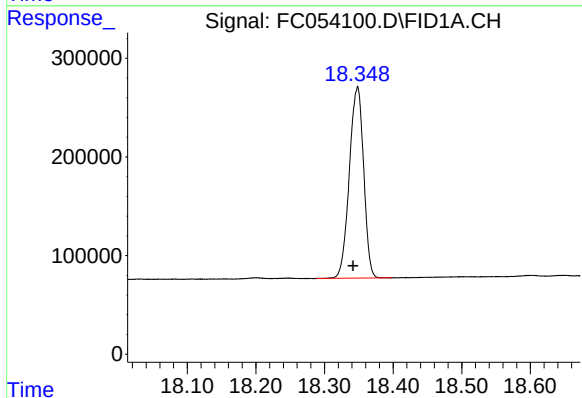
#17 n-Tricontane (C30)

R.T.: 17.515 min
Delta R.T.: 0.006 min
Response: 2794768
Conc: 21.31 ug/ml

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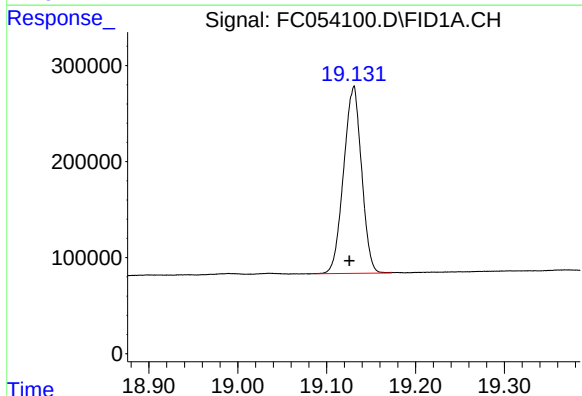
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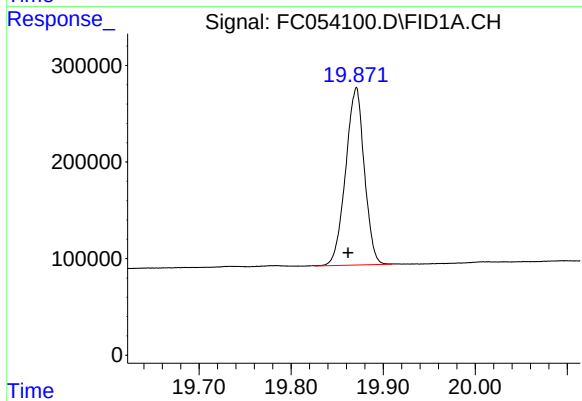
#18 n-Dotriacontane (C32)

R.T.: 18.348 min
Delta R.T.: 0.006 min
Response: 2809944
Conc: 21.78 ug/ml



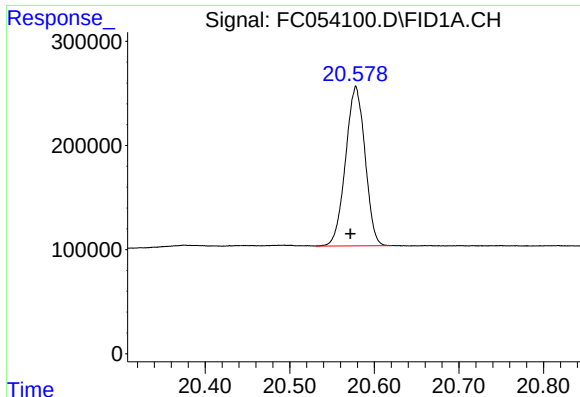
#19 n-Tetratriacontane (C34)

R.T.: 19.131 min
Delta R.T.: 0.005 min
Response: 2731120
Conc: 22.39 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.871 min
Delta R.T.: 0.009 min
Response: 2589918
Conc: 22.94 ug/ml m



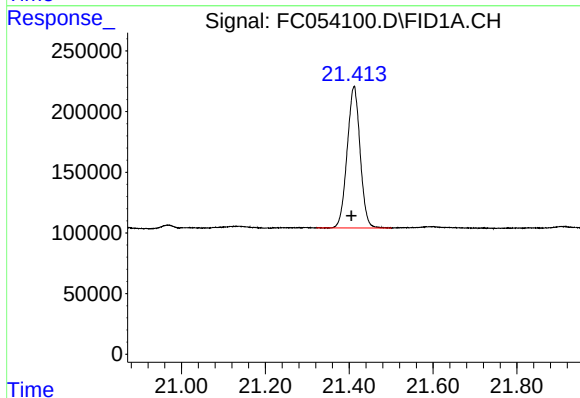
#21 n-Octatriacontane (C38)

R.T.: 20.578 min
Delta R.T.: 0.006 min
Response: 2443835
Conc: 24.24 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.411 min
Delta R.T.: 0.006 min
Response: 2501357
Conc: 24.79 ug/ml