

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051425AL\
 Data File : FC068882.D
 Signal(s) : FID1A.ch
 Acq On : 15 May 2025 06:36
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 15 08:00:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 2025
 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)	11.705	1953190	17.112 ug/ml
Spiked Amount 50.000		Recovery =	34.22%
12) S 1-chlorooctadecane (S...	13.138	1437224	17.915 ug/ml
Spiked Amount 50.000		Recovery =	35.83%
Target Compounds			
1) T n-Nonane (C9)	3.440	1647444	16.379 ug/ml
2) T n-Decane (C10)	4.515	1693817	16.999 ug/ml
3) T A~Naphthalene (C11.7)	6.112	1834015	16.633 ug/ml
4) T n-Dodecane (C12)	6.539	1680794	17.296 ug/ml
5) T A~2-methylnaphthalene...	7.169	1796004	16.733 ug/ml
6) T n-Tetradecane (C14)	8.336	1636607	17.707 ug/ml
7) T n-Hexadecane (C16)	9.938	1618974	18.080 ug/ml
8) T n-Octadecane (C18)	11.381	1583446	18.052 ug/ml
10) T n-Eicosane (C20)	12.692	1543571	18.113 ug/ml
11) T n-Heneicosane (C21)	13.305	1524173	18.071 ug/ml
13) T n-Docosane (C22)	13.892	1522139	18.195 ug/ml
14) T n-Tetracosane (C24)	14.995	1530625	18.395 ug/ml
15) T n-Hexacosane (C26)	16.016	1534982	18.526 ug/ml
16) T n-Octacosane (C28)	16.967	1644250	19.895 ug/ml
17) T n-Tricontane (C30)	17.855	1880494	22.225 ug/ml
18) T n-Dotriacontane (C32)	18.688	1977971	22.963 ug/ml
19) T n-Tetratriacontane (C34)	19.472	1839894	21.595 ug/ml
20) T n-Hexatriacontane (C36)	20.214	1732794	20.161 ug/ml
21) T n-Octatriacontane (C38)	20.985	1644546	19.605 ug/ml
22) T n-Tetracontane (C40)	21.959	1609971	19.644 ug/ml

(f)=RT Delta > 1/2 Window

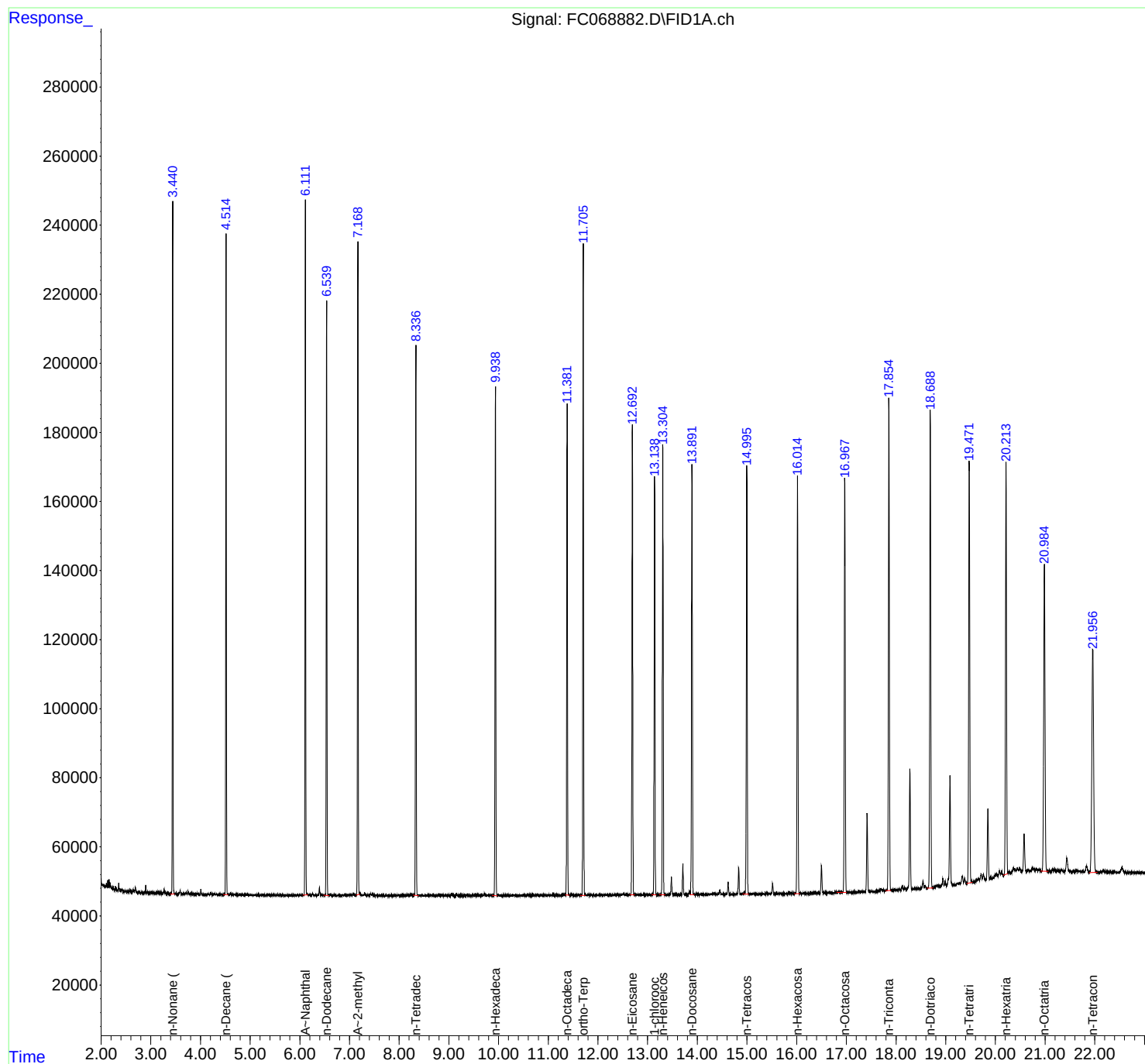
(m)=manual int.

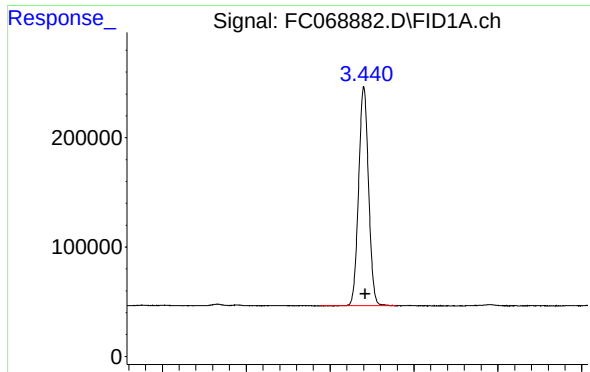
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051425AL\
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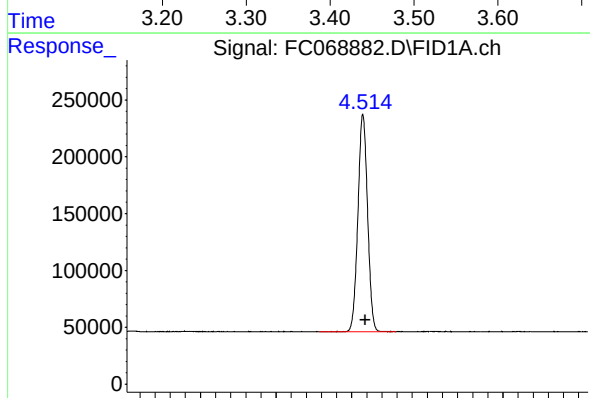




#1 n-Nonane (C9)

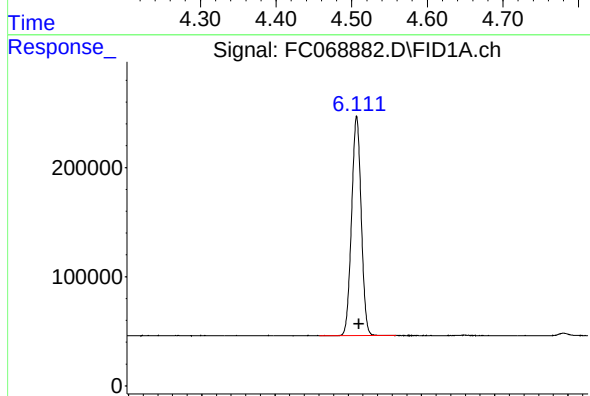
R.T.: 3.440 min
Delta R.T.: -0.002 min
Response: 1647444
Conc: 16.38 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



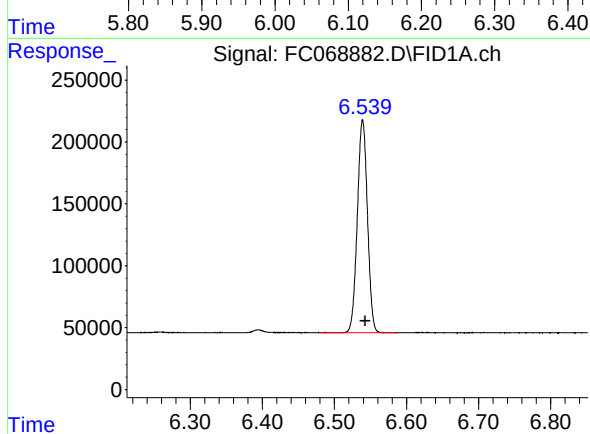
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: -0.003 min
Response: 1693817
Conc: 17.00 ug/ml



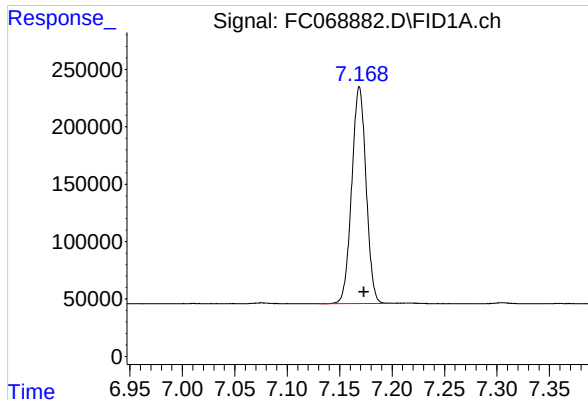
#3 A~Naphthalene (C11.7)

R.T.: 6.112 min
Delta R.T.: -0.003 min
Response: 1834015
Conc: 16.63 ug/ml



#4 n-Dodecane (C12)

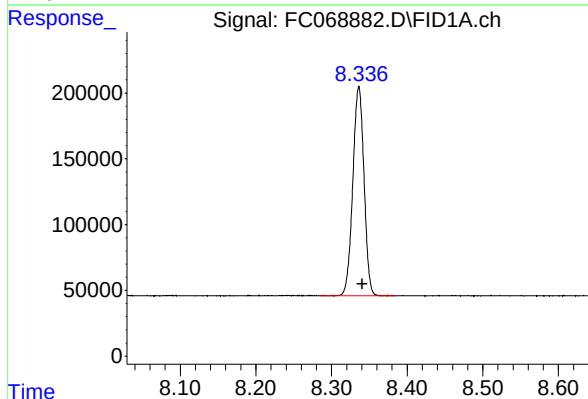
R.T.: 6.539 min
Delta R.T.: -0.004 min
Response: 1680794
Conc: 17.30 ug/ml



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

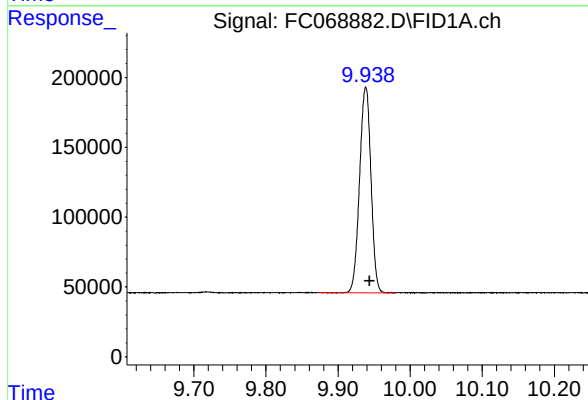
R.T.: 7.169 min
Delta R.T.: -0.004 min
Response: 1796004
Conc: 16.73 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



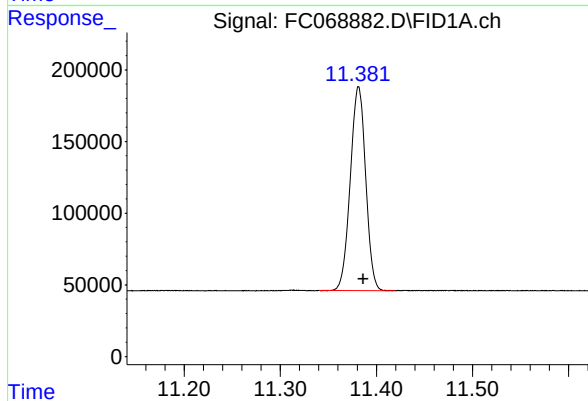
#6 n-Tetradecane (C14)

R.T.: 8.336 min
Delta R.T.: -0.005 min
Response: 1636607
Conc: 17.71 ug/ml



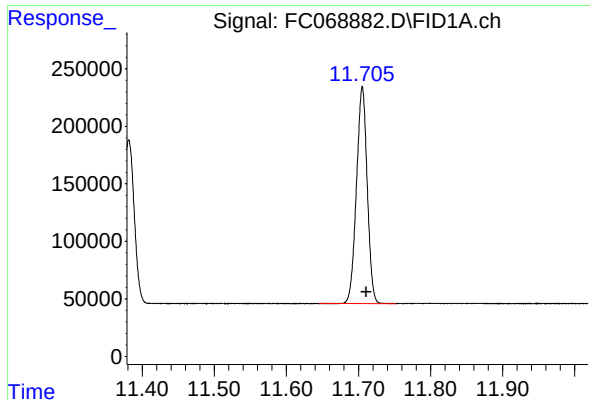
#7 n-Hexadecane (C16)

R.T.: 9.938 min
Delta R.T.: -0.005 min
Response: 1618974
Conc: 18.08 ug/ml



#8 n-Octadecane (C18)

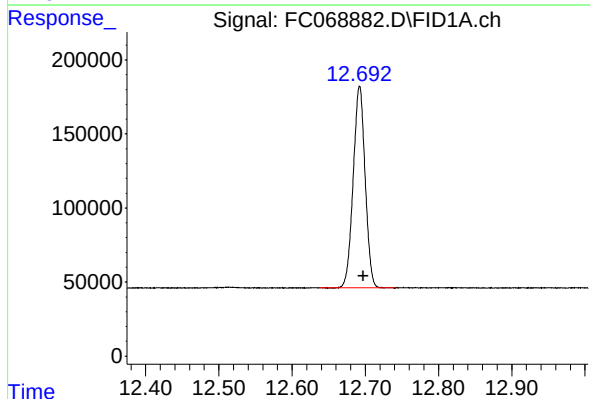
R.T.: 11.381 min
Delta R.T.: -0.005 min
Response: 1583446
Conc: 18.05 ug/ml



#9 ortho-Terphenyl (SURR)

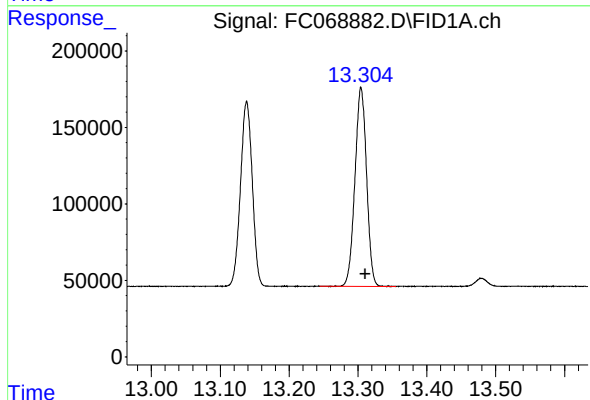
R.T.: 11.705 min
Delta R.T.: -0.006 min
Response: 1953190
Conc: 17.11 ug/ml

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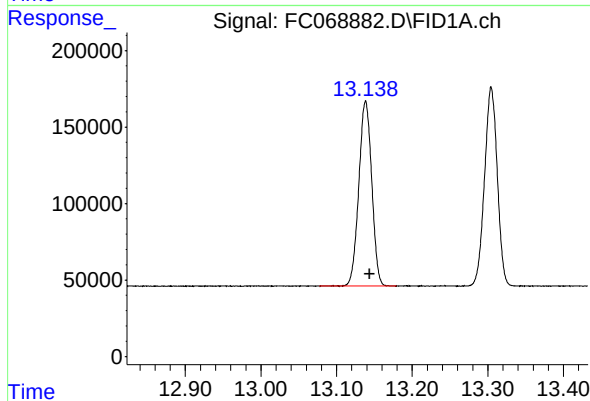
#10 n-Eicosane (C20)

R.T.: 12.692 min
Delta R.T.: -0.005 min
Response: 1543571
Conc: 18.11 ug/ml



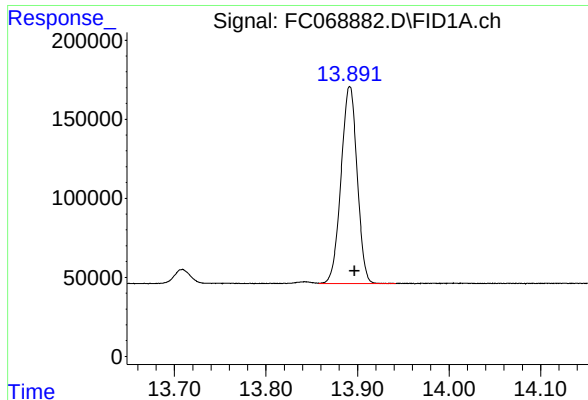
#11 n-Heneicosane (C21)

R.T.: 13.305 min
Delta R.T.: -0.006 min
Response: 1524173
Conc: 18.07 ug/ml



#12 1-chlorooctadecane (SURR)

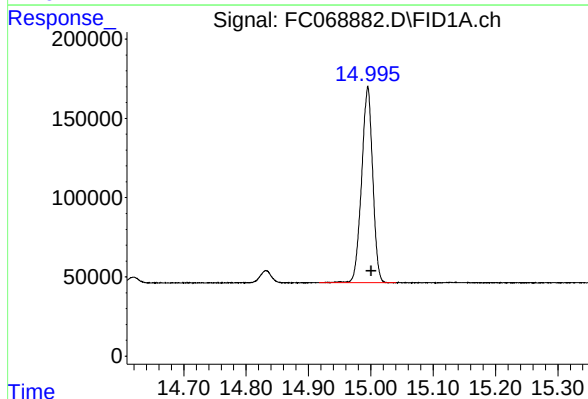
R.T.: 13.138 min
Delta R.T.: -0.005 min
Response: 1437224
Conc: 17.91 ug/ml



#13 n-Docosane (C22)

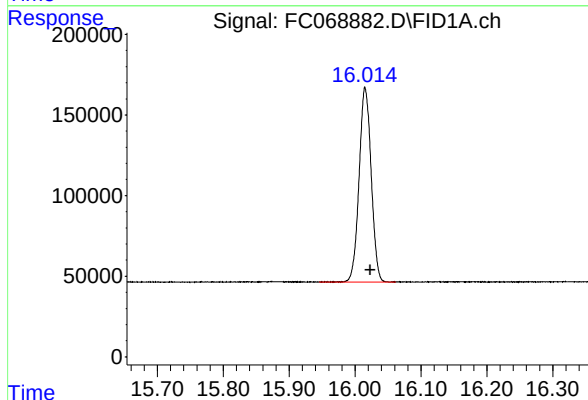
R.T.: 13.892 min
Delta R.T.: -0.005 min
Response: 1522139
Conc: 18.19 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



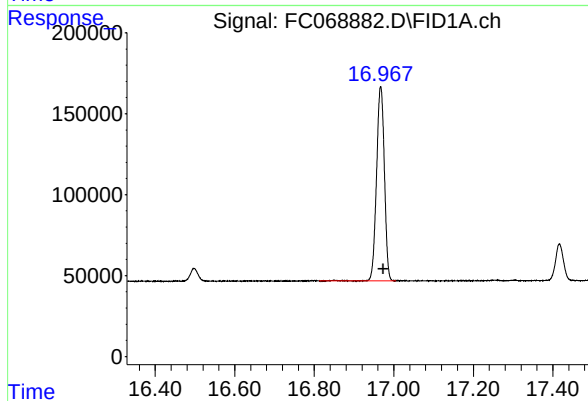
#14 n-Tetracosane (C24)

R.T.: 14.995 min
Delta R.T.: -0.006 min
Response: 1530625
Conc: 18.40 ug/ml



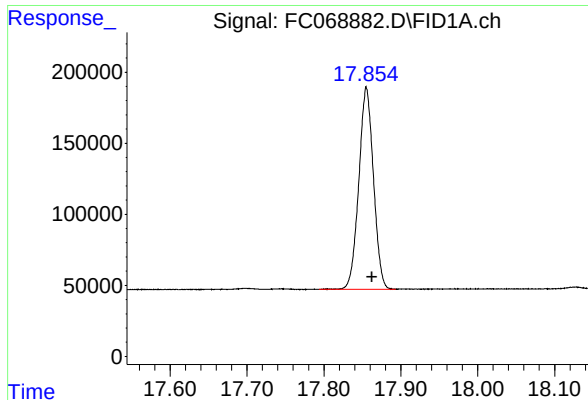
#15 n-Hexacosane (C26)

R.T.: 16.016 min
Delta R.T.: -0.008 min
Response: 1534982
Conc: 18.53 ug/ml



#16 n-Octacosane (C28)

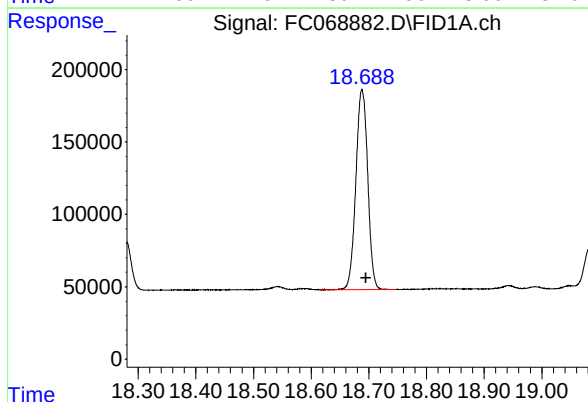
R.T.: 16.967 min
Delta R.T.: -0.007 min
Response: 1644250
Conc: 19.90 ug/ml



#17 n-Tricontane (C30)

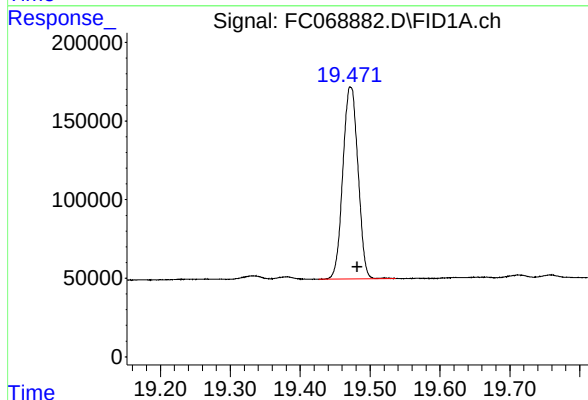
R.T.: 17.855 min
Delta R.T.: -0.007 min
Response: 1880494
Conc: 22.22 ug/ml

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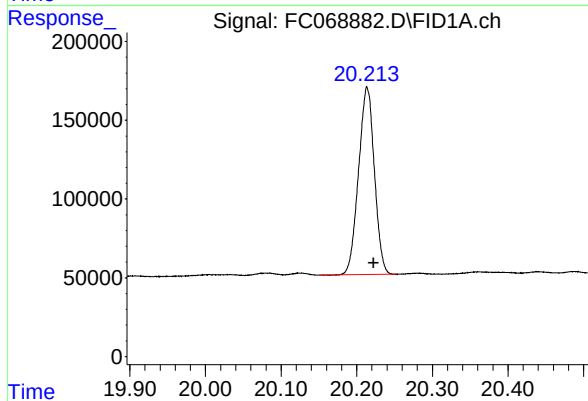
#18 n-Dotriacontane (C32)

R.T.: 18.688 min
Delta R.T.: -0.007 min
Response: 1977971
Conc: 22.96 ug/ml



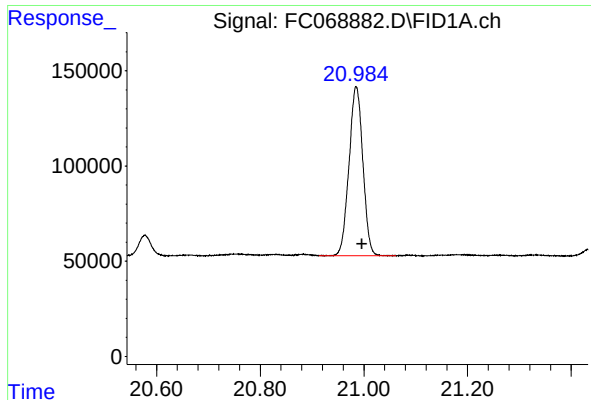
#19 n-Tetratriacontane (C34)

R.T.: 19.472 min
Delta R.T.: -0.010 min
Response: 1839894
Conc: 21.59 ug/ml



#20 n-Hexatriacontane (C36)

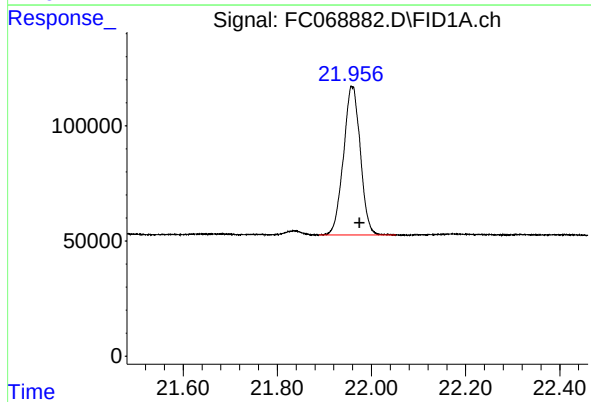
R.T.: 20.214 min
Delta R.T.: -0.009 min
Response: 1732794
Conc: 20.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.985 min
Delta R.T.: -0.011 min
Response: 1644546
Conc: 19.61 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.959 min
Delta R.T.: -0.016 min
Response: 1609971
Conc: 19.64 ug/ml