

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072323AL\
 Data File : FC064238.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jul 2023 03:36
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Jul 24 01:43:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 24 01:41:11 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)	11.524	16882330	91.845 ug/ml
Spiked Amount 50.000		Recovery =	183.69%
12) S 1-chlorooctadecane (S...	12.955	12118086	92.763 ug/ml
Spiked Amount 50.000		Recovery =	185.53%
Target Compounds			
1) T n-Nonane (C9)	3.304	15530998	93.932 ug/ml
2) T n-Decane (C10)	4.367	15751193	94.009 ug/ml
3) T A~Naphthalene (C11.7)	5.948	16787292	98.300 ug/ml
4) T n-Dodecane (C12)	6.382	15706068	93.748 ug/ml
5) T A~2-methylnaphthalene...	7.004	16015812	99.010 ug/ml
6) T n-Tetradecane (C14)	8.173	15197372	93.856 ug/ml
7) T n-Hexadecane (C16)	9.770	15272800	93.822 ug/ml
8) T n-Octadecane (C18)	11.210	15068967	92.225 ug/ml
10) T n-Eicosane (C20)	12.513	14113220	91.701 ug/ml
11) T n-Heneicosane (C21)	13.123	13746881	91.500 ug/ml
13) T n-Docosane (C22)	13.707	13516246	91.623 ug/ml
14) T n-Tetracosane (C24)	14.806	13212531	90.919 ug/ml
15) T n-Hexacosane (C26)	15.824	12869160	90.628 ug/ml
16) T n-Octacosane (C28)	16.770	12569481	90.776 ug/ml
17) T n-Tricontane (C30)	17.654	12701166	89.926 ug/ml
18) T n-Dotriacontane (C32)	18.484	12580940	89.657 ug/ml
19) T n-Tetratriacontane (C34)	19.265	12554847	90.068 ug/ml
20) T n-Hexatriacontane (C36)	20.002	12398792	90.826 ug/ml
21) T n-Octatriacontane (C38)	20.725	12453056	90.675 ug/ml
22) T n-Tetracontane (C40)	21.614	12378510	91.424 ug/ml

(f)=RT Delta > 1/2 Window

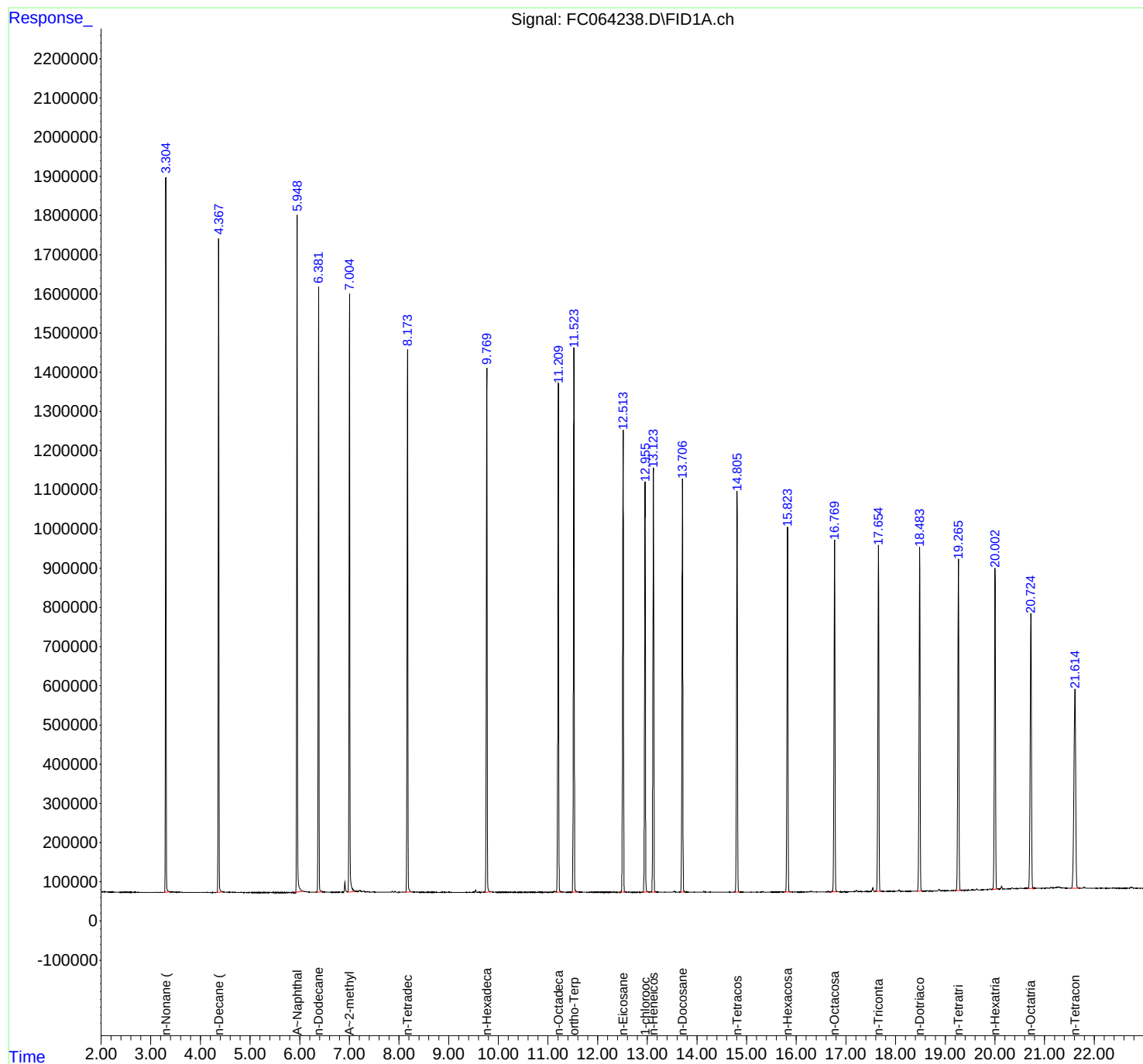
(m)=manual int.

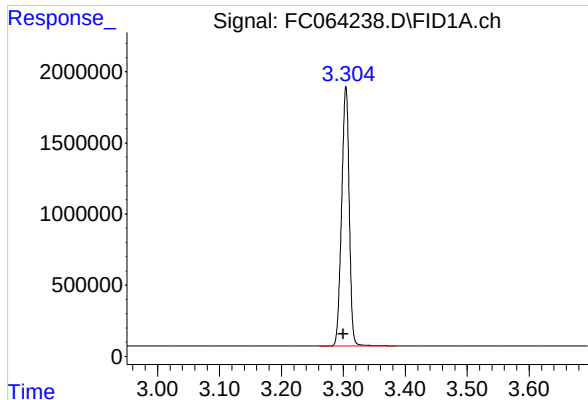
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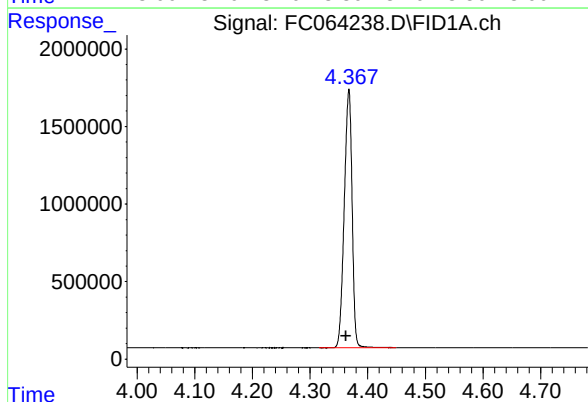




#1 n-Nonane (C9)

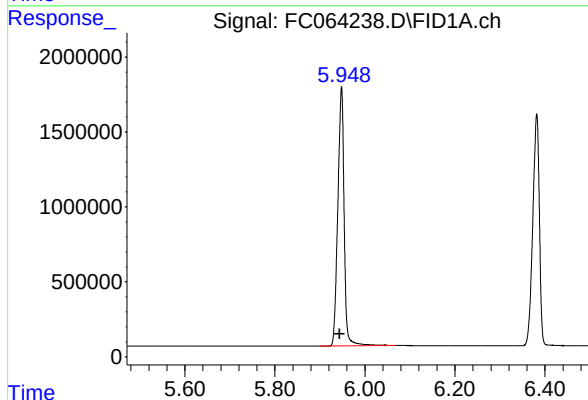
R.T.: 3.304 min
Delta R.T.: 0.004 min
Response: 15530998
Conc: 93.93 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



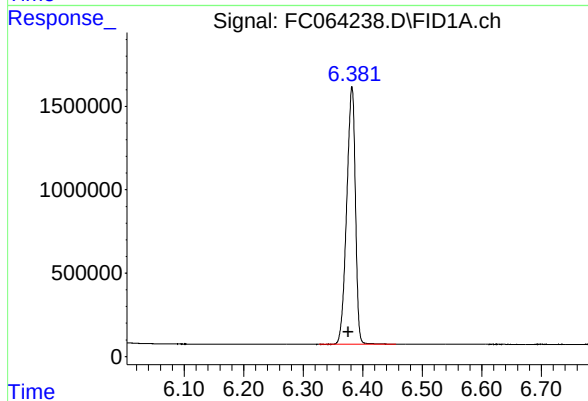
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: 0.005 min
Response: 15751193
Conc: 94.01 ug/ml



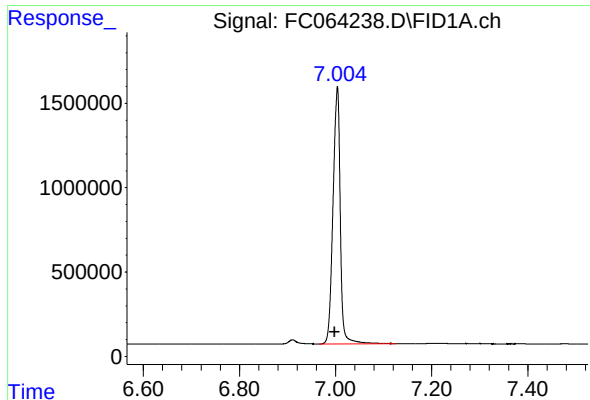
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: 0.004 min
Response: 16787292
Conc: 98.30 ug/ml



#4 n-Dodecane (C12)

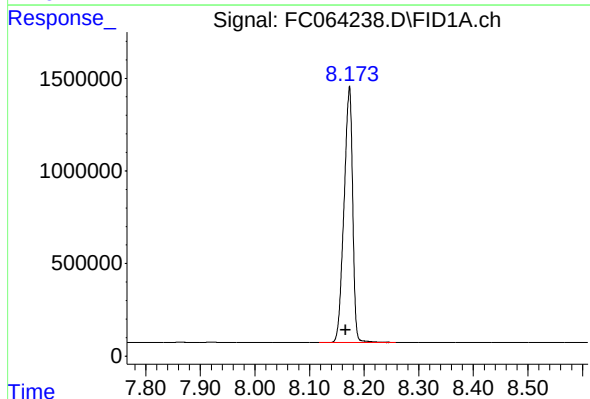
R.T.: 6.382 min
Delta R.T.: 0.006 min
Response: 15706068
Conc: 93.75 ug/ml



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

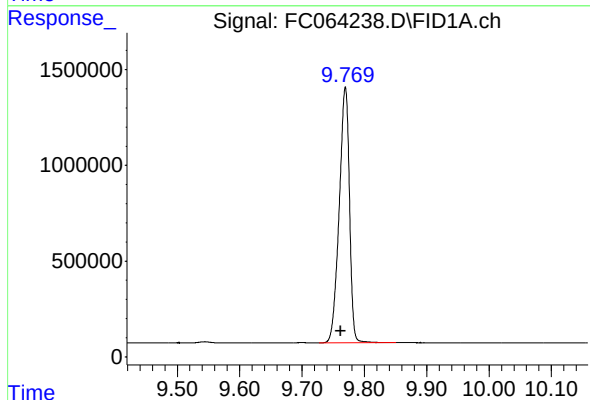
R.T.: 7.004 min
Delta R.T.: 0.005 min
Response: 16015812
Conc: 99.01 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



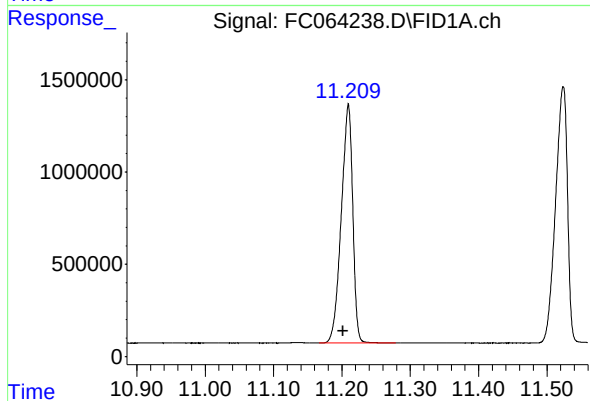
#6 n-Tetradecane (C14)

R.T.: 8.173 min
Delta R.T.: 0.007 min
Response: 15197372
Conc: 93.86 ug/ml



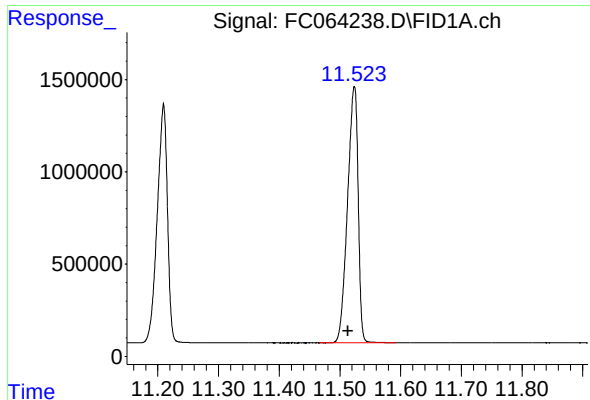
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: 0.008 min
Response: 15272800
Conc: 93.82 ug/ml



#8 n-Octadecane (C18)

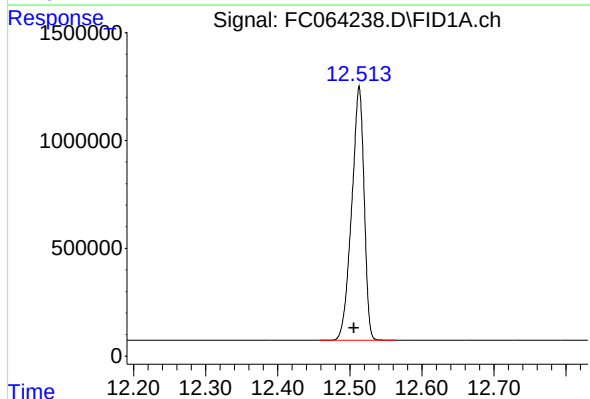
R.T.: 11.210 min
Delta R.T.: 0.008 min
Response: 15068967
Conc: 92.22 ug/ml



#9 ortho-Terphenyl (SURR)

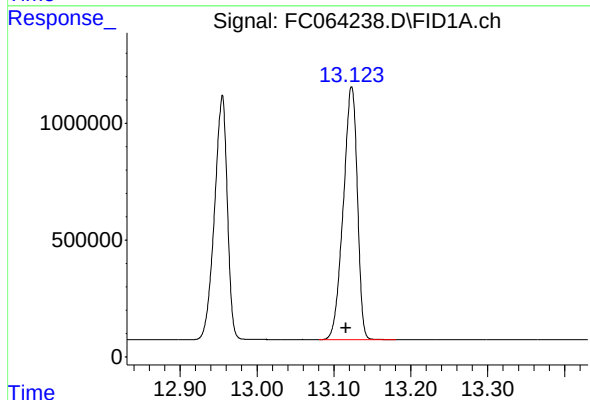
R.T.: 11.524 min
Delta R.T.: 0.011 min
Response: 16882330
Conc: 91.84 ug/ml

Instrument :
FID_C
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100 PPM ALIPHATIC HC STD1



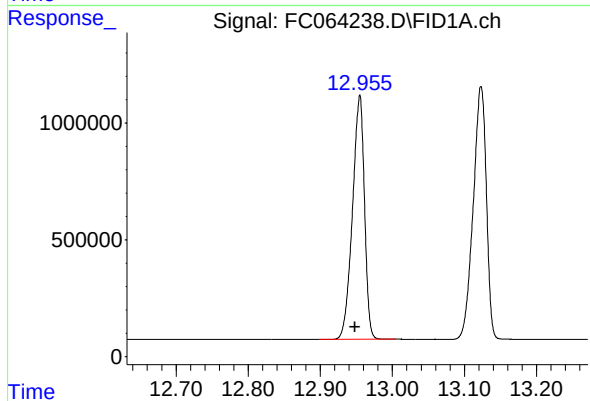
#10 n-Eicosane (C20)

R.T.: 12.513 min
Delta R.T.: 0.007 min
Response: 14113220
Conc: 91.70 ug/ml



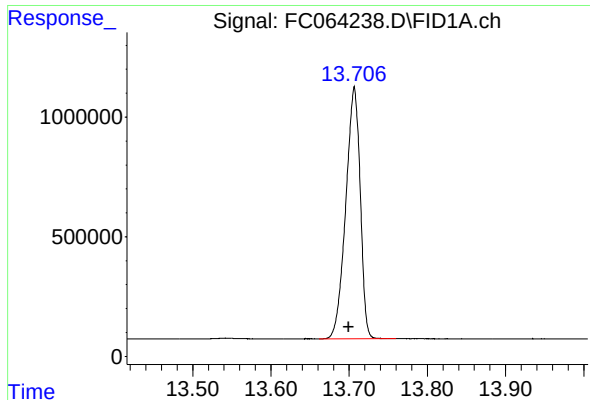
#11 n-Heneicosane (C21)

R.T.: 13.123 min
Delta R.T.: 0.007 min
Response: 13746881
Conc: 91.50 ug/ml



#12 1-chlorooctadecane (SURR)

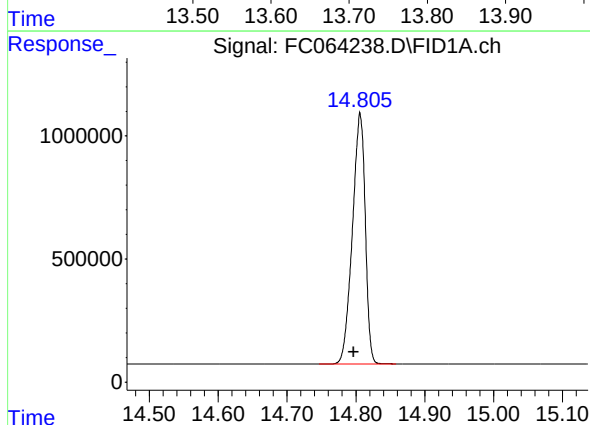
R.T.: 12.955 min
Delta R.T.: 0.007 min
Response: 12118086
Conc: 92.76 ug/ml



#13 n-Docosane (C22)

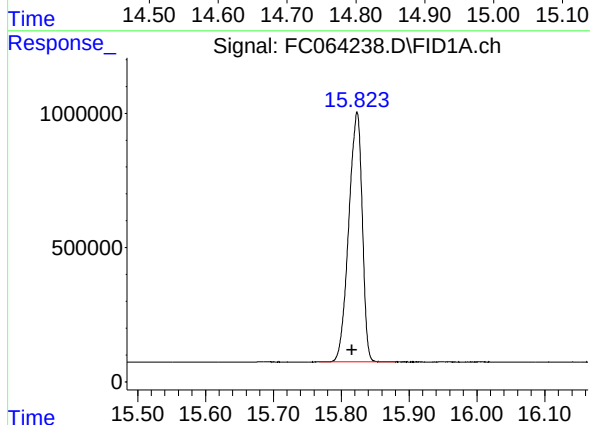
R.T.: 13.707 min
Delta R.T.: 0.007 min
Response: 13516246
Conc: 91.62 ug/ml

Instrument :
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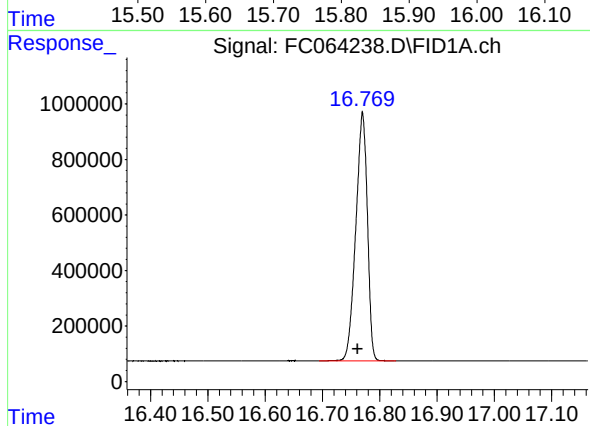
#14 n-Tetracosane (C24)

R.T.: 14.806 min
Delta R.T.: 0.009 min
Response: 13212531
Conc: 90.92 ug/ml



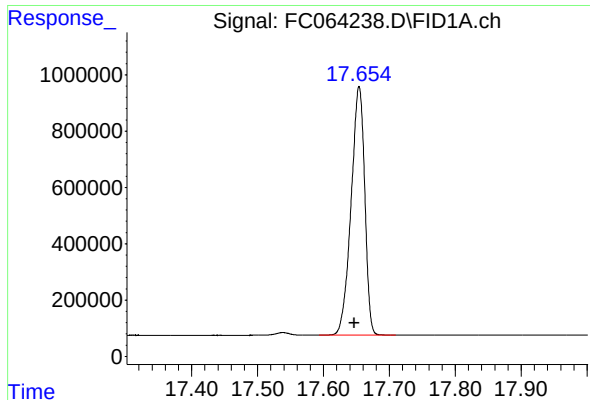
#15 n-Hexacosane (C26)

R.T.: 15.824 min
Delta R.T.: 0.008 min
Response: 12869160
Conc: 90.63 ug/ml



#16 n-Octacosane (C28)

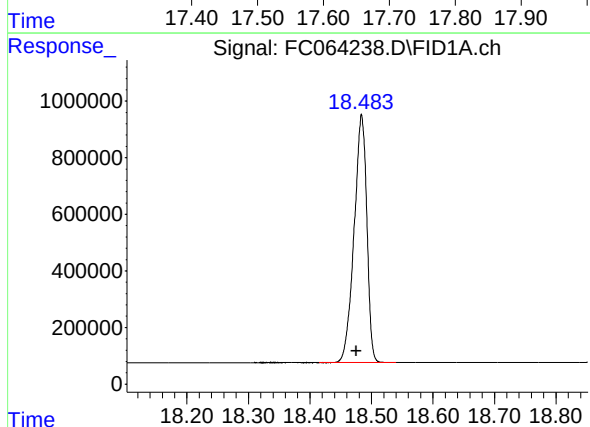
R.T.: 16.770 min
Delta R.T.: 0.009 min
Response: 12569481
Conc: 90.78 ug/ml



#17 n-Tricontane (C30)

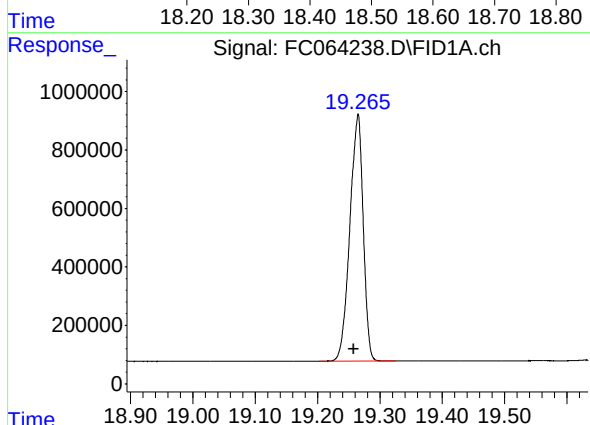
R.T.: 17.654 min
Delta R.T.: 0.007 min
Response: 12701166
Conc: 89.93 ug/ml

Instrument :
FID_C
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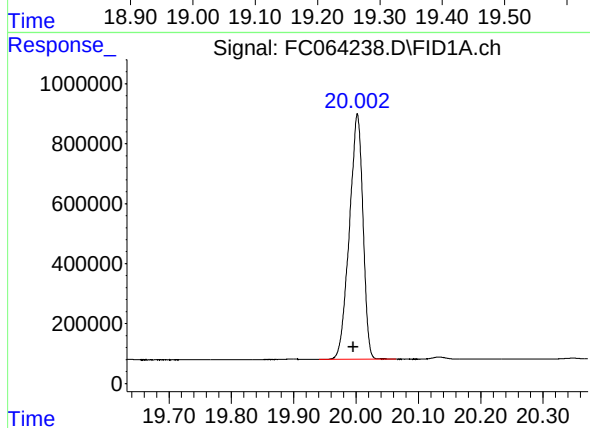
#18 n-Dotriacontane (C32)

R.T.: 18.484 min
Delta R.T.: 0.009 min
Response: 12580940
Conc: 89.66 ug/ml



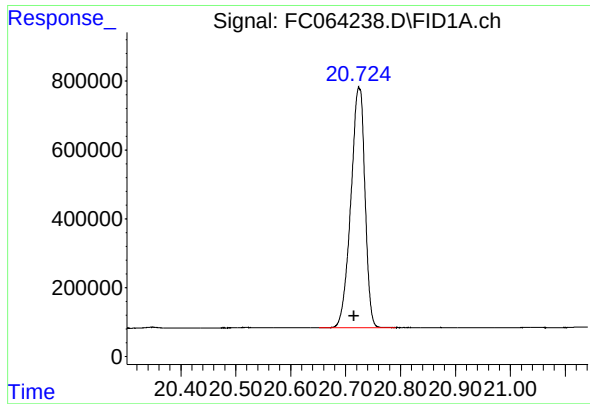
#19 n-Tetratriacontane (C34)

R.T.: 19.265 min
Delta R.T.: 0.007 min
Response: 12554847
Conc: 90.07 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.002 min
Delta R.T.: 0.006 min
Response: 12398792
Conc: 90.83 ug/ml



#21 n-Octatriacontane (C38)

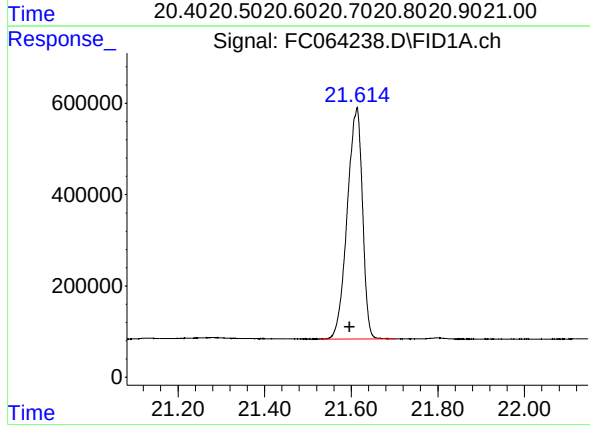
R.T.: 20.725 min
Delta R.T.: 0.010 min
Response: 12453056
Conc: 90.68 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.614 min
Delta R.T.: 0.017 min
Response: 12378510
Conc: 91.42 ug/ml