

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG021224AL\
 Data File : FG013489.D
 Signal(s) : FID1A.ch
 Acq On : 12 Feb 2024 14:24
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Feb 12 22:34:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 021224.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 12 22:34:34 2024
 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)	11.976	13374474	96.120 ug/ml
Spiked Amount 50.000		Recovery =	192.24%
12) S 1-chlorooctadecane (S...	13.415	10162230	96.175 ug/ml
Spiked Amount 50.000		Recovery =	192.35%
Target Compounds			
1) T n-Nonane (C9)	3.333	11972312	95.956 ug/ml
2) T n-Decane (C10)	4.588	12261792	95.976 ug/ml
3) T A~Naphthalene (C11.7)	6.294	13436386	96.032 ug/ml
4) T n-Dodecane (C12)	6.758	12420006	95.969 ug/ml
5) T A~2-methylnaphthalene...	7.394	13026769	96.050 ug/ml
6) T n-Tetradecane (C14)	8.591	12346010	95.957 ug/ml
7) T n-Hexadecane (C16)	10.205	12735738	95.925 ug/ml
8) T n-Octadecane (C18)	11.656	12825721	95.925 ug/ml
10) T n-Eicosane (C20)	12.970	12258216	95.963 ug/ml
11) T n-Heneicosane (C21)	13.584	12010339	95.963 ug/ml
13) T n-Docosane (C22)	14.173	11894178	95.956 ug/ml
14) T n-Tetracosane (C24)	15.280	11687542	95.991 ug/ml
15) T n-Hexacosane (C26)	16.304	11333104	96.075 ug/ml
16) T n-Octacosane (C28)	17.259	10929710	96.248 ug/ml
17) T n-Tricontane (C30)	18.150	10831685	95.865 ug/ml
18) T n-Dotriacontane (C32)	18.985	10407689	95.724 ug/ml
19) T n-Tetratriacontane (C34)	19.770	9970274	95.631 ug/ml
20) T n-Hexatriacontane (C36)	20.513	9524790	95.513 ug/ml
21) T n-Octatriacontane (C38)	21.268	9378640	95.008 ug/ml
22) T n-Tetracontane (C40)	22.215	9163419	94.383 ug/ml

(f)=RT Delta > 1/2 Window

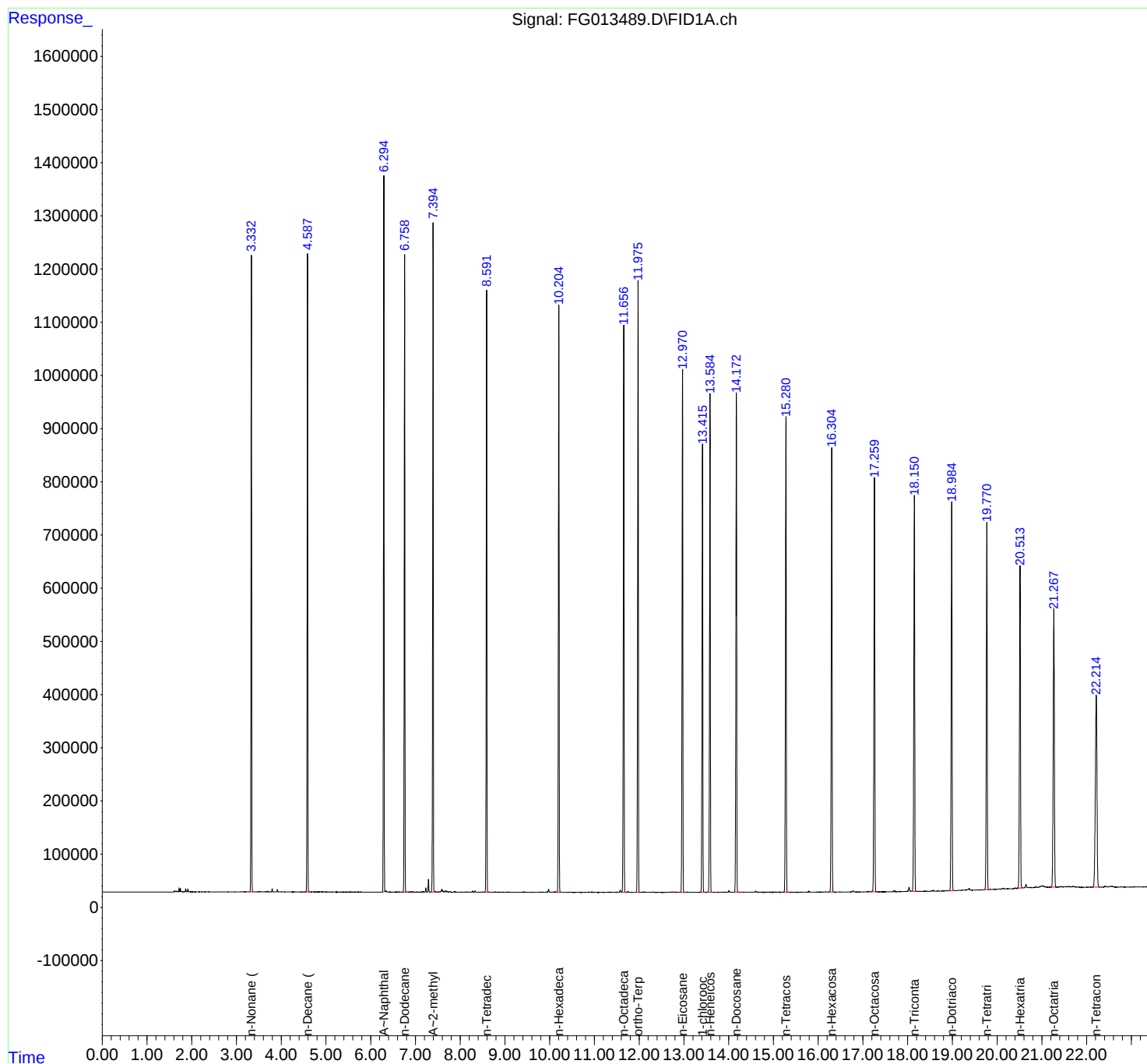
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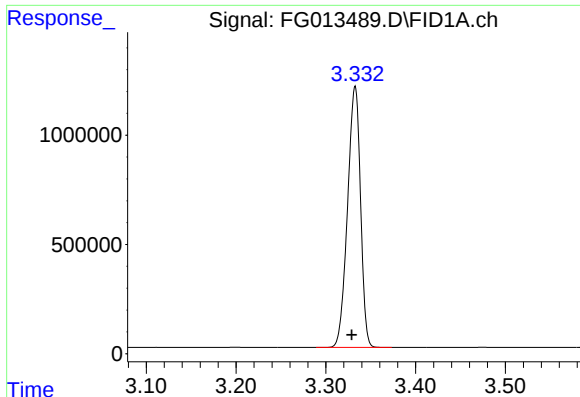
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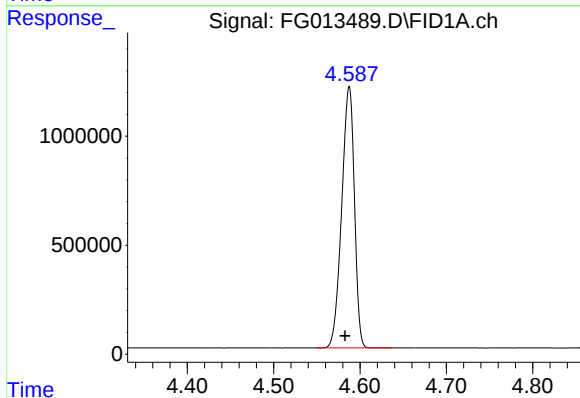




#1 n-Nonane (C9)

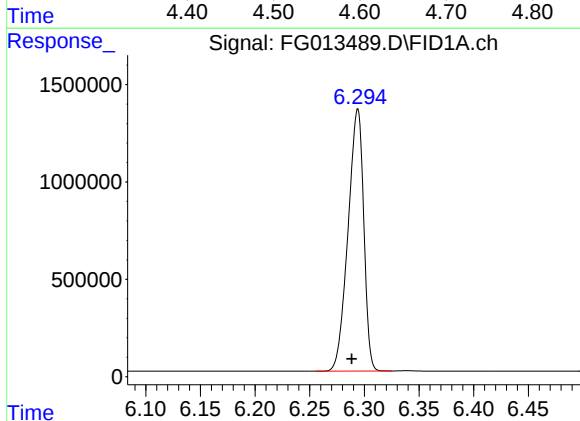
R.T.: 3.333 min
Delta R.T.: 0.004 min
Response: 11972312
Conc: 95.96 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



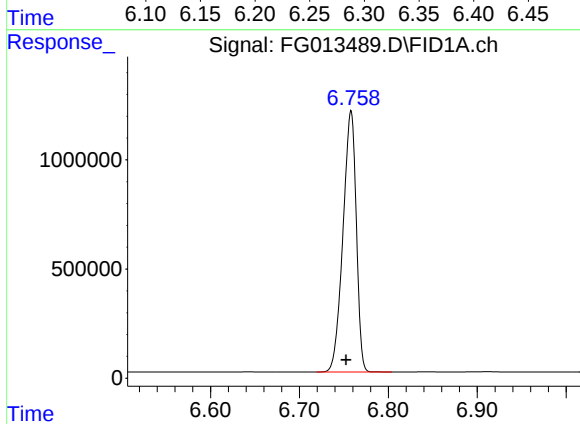
#2 n-Decane (C10)

R.T.: 4.588 min
Delta R.T.: 0.005 min
Response: 12261792
Conc: 95.98 ug/ml



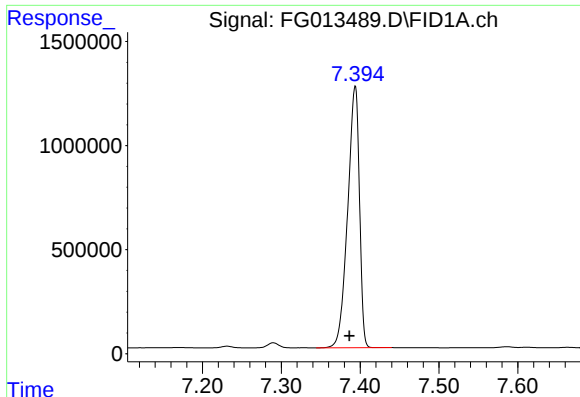
#3 A~Naphthalene (C11.7)

R.T.: 6.294 min
Delta R.T.: 0.005 min
Response: 13436386
Conc: 96.03 ug/ml



#4 n-Dodecane (C12)

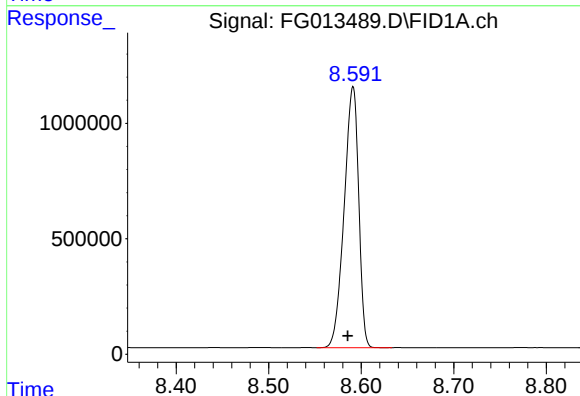
R.T.: 6.758 min
Delta R.T.: 0.005 min
Response: 12420006
Conc: 95.97 ug/ml



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

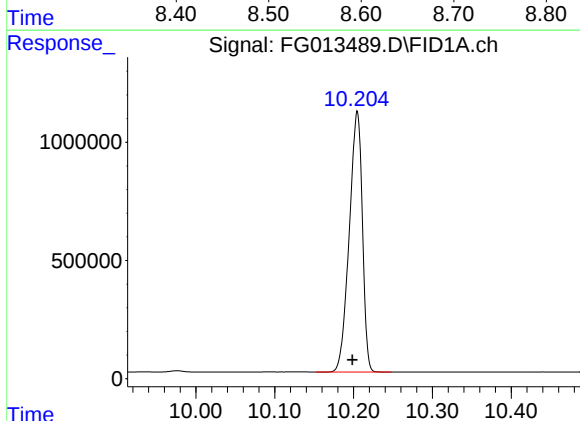
R.T.: 7.394 min
Delta R.T.: 0.007 min
Response: 13026769
Conc: 96.05 ug/ml

Instrument :
FID_G
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100 PPM ALIPHATIC HC STD1



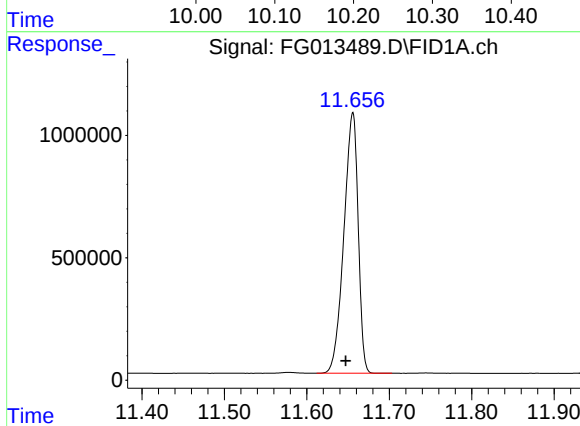
#6 n-Tetradecane (C14)

R.T.: 8.591 min
Delta R.T.: 0.006 min
Response: 12346010
Conc: 95.96 ug/ml



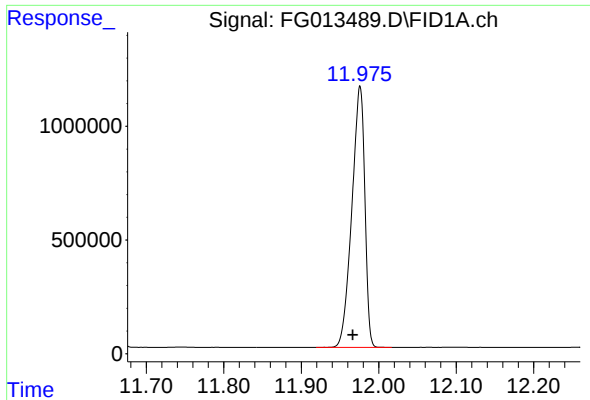
#7 n-Hexadecane (C16)

R.T.: 10.205 min
Delta R.T.: 0.006 min
Response: 12735738
Conc: 95.92 ug/ml



#8 n-Octadecane (C18)

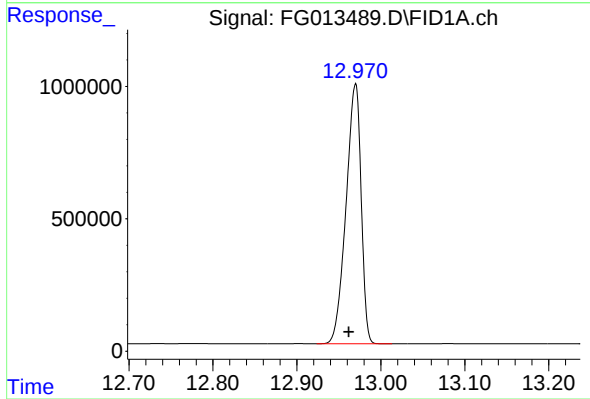
R.T.: 11.656 min
Delta R.T.: 0.009 min
Response: 12825721
Conc: 95.93 ug/ml



#9 ortho-Terphenyl (SURR)

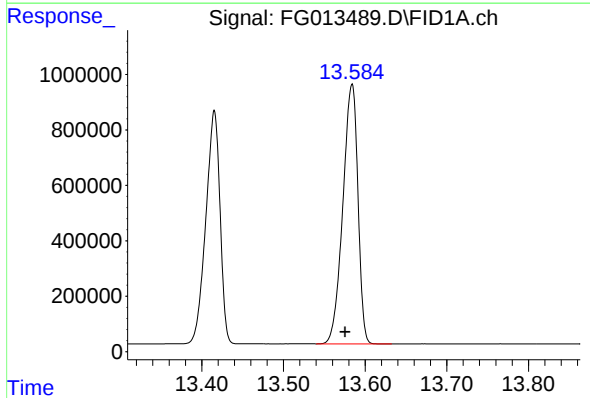
R.T.: 11.976 min
Delta R.T.: 0.009 min
Response: 13374474
Conc: 96.12 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



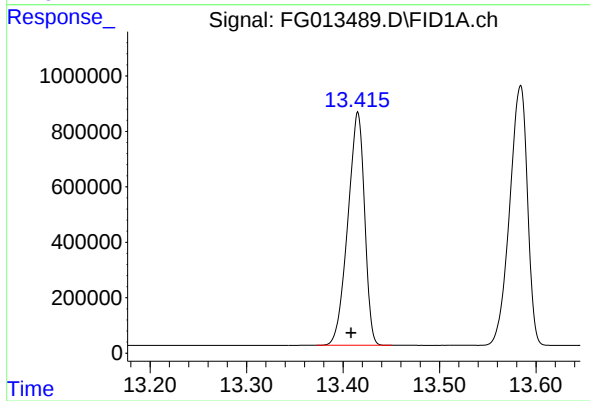
#10 n-Eicosane (C20)

R.T.: 12.970 min
Delta R.T.: 0.008 min
Response: 12258216
Conc: 95.96 ug/ml



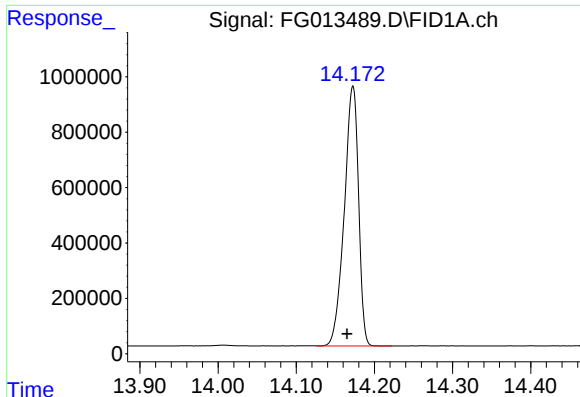
#11 n-Heneicosane (C21)

R.T.: 13.584 min
Delta R.T.: 0.009 min
Response: 12010339
Conc: 95.96 ug/ml



#12 1-chlorooctadecane (SURR)

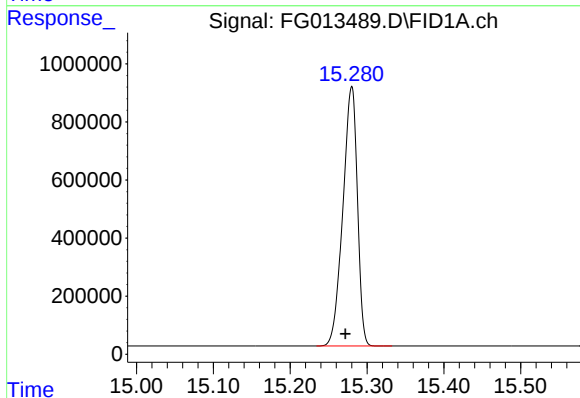
R.T.: 13.415 min
Delta R.T.: 0.007 min
Response: 10162230
Conc: 96.18 ug/ml



#13 n-Docosane (C22)

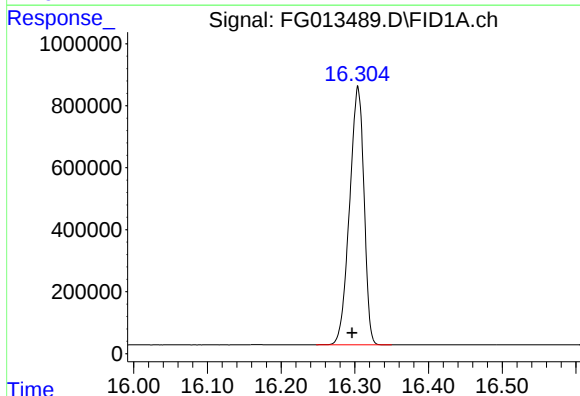
R.T.: 14.173 min
Delta R.T.: 0.007 min
Response: 11894178
Conc: 95.96 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



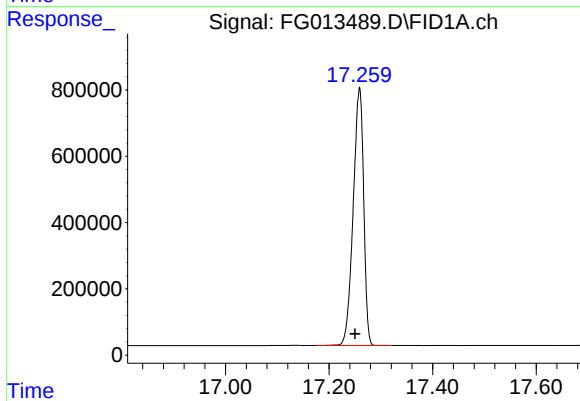
#14 n-Tetracosane (C24)

R.T.: 15.280 min
Delta R.T.: 0.008 min
Response: 11687542
Conc: 95.99 ug/ml



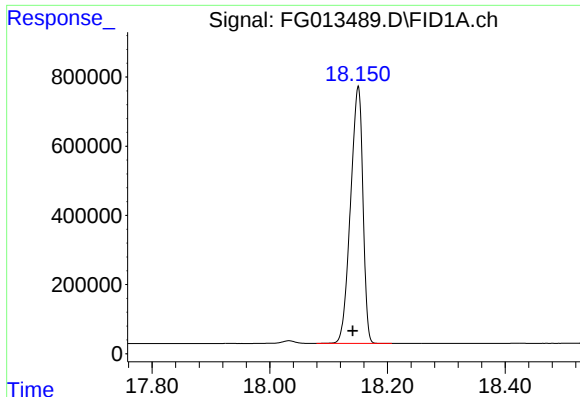
#15 n-Hexacosane (C26)

R.T.: 16.304 min
Delta R.T.: 0.008 min
Response: 11333104
Conc: 96.07 ug/ml



#16 n-Octacosane (C28)

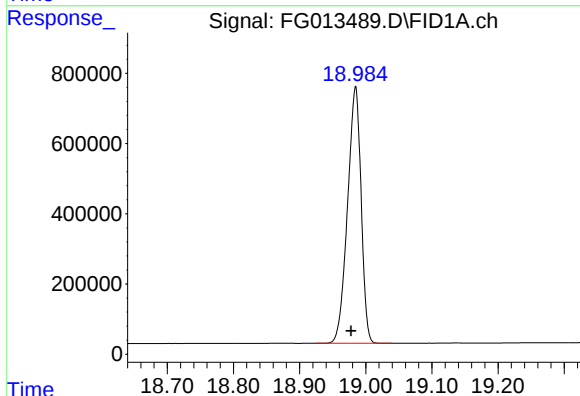
R.T.: 17.259 min
Delta R.T.: 0.009 min
Response: 10929710
Conc: 96.25 ug/ml



#17 n-Tricontane (C30)

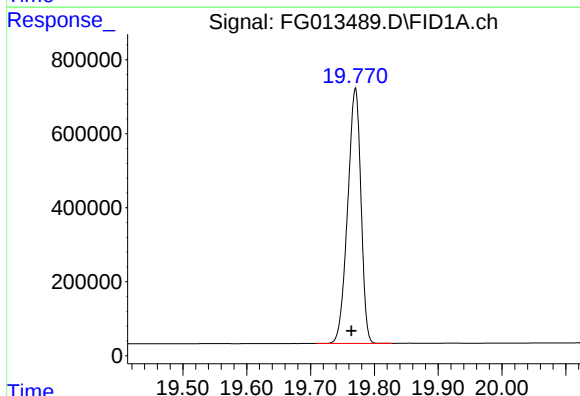
R.T.: 18.150 min
Delta R.T.: 0.009 min
Response: 10831685
Conc: 95.87 ug/ml

Instrument :
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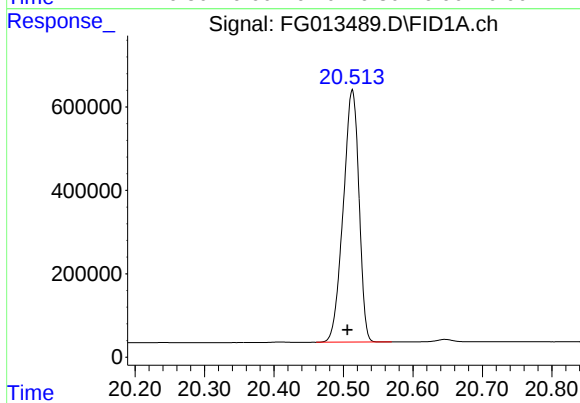
#18 n-Dotriacontane (C32)

R.T.: 18.985 min
Delta R.T.: 0.007 min
Response: 10407689
Conc: 95.72 ug/ml



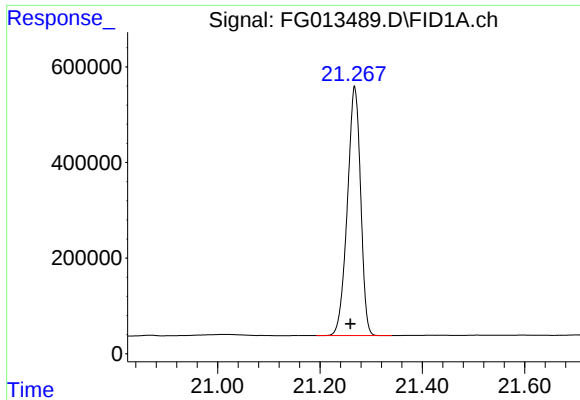
#19 n-Tetratriacontane (C34)

R.T.: 19.770 min
Delta R.T.: 0.006 min
Response: 9970274
Conc: 95.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.513 min
Delta R.T.: 0.007 min
Response: 9524790
Conc: 95.51 ug/ml



#21 n-Octatriacontane (C38)

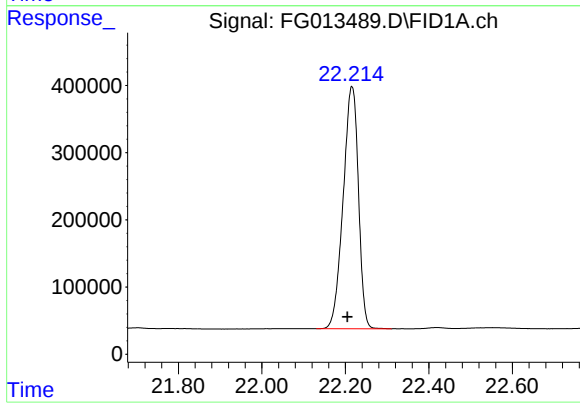
R.T.: 21.268 min
Delta R.T.: 0.008 min
Response: 9378640
Conc: 95.01 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.215 min
Delta R.T.: 0.011 min
Response: 9163419
Conc: 94.38 ug/ml