

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122319AL\
 Data File : FC045031.D
 Signal(s) : FID1A.CH
 Acq On : 23 Dec 2019 22:45
 Operator : DD\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Dec 24 02:43:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122319.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 02:42:23 2019
 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)	11.771	11910192	101.311 ug/ml
Spiked Amount 50.000		Recovery =	202.62%
12) S 1-chlorooctadecane (S...	13.191	9391133	101.737 ug/ml
Spiked Amount 50.000		Recovery =	203.47%
Target Compounds			
1) T n-Nonane (C9)	3.516	10561620	100.964 ug/ml
2) T n-Decane (C10)	4.590	10598723	101.065 ug/ml
3) T A~Naphthalene (C11.7)	6.191	11849652	101.667 ug/ml
4) T n-Dodecane (C12)	6.609	10683057	101.085 ug/ml
5) T A~2-methylnaphthalene...	7.248	12077805	103.064 ug/ml
6) T n-Tetradecane (C14)	8.400	10733654	101.307 ug/ml
7) T n-Hexadecane (C16)	9.998	10831683	101.397 ug/ml
8) T n-Octadecane (C18)	11.439	10918966	101.293 ug/ml
10) T n-Eicosane (C20)	12.746	10993373	101.634 ug/ml
11) T n-Heneicosane (C21)	13.357	11112355	101.671 ug/ml
13) T n-Docosane (C22)	13.941	11103326	101.658 ug/ml
14) T n-Tetracosane (C24)	15.043	11207909	101.474 ug/ml
15) T n-Hexacosane (C26)	16.063	11137747	101.094 ug/ml
16) T n-Octacosane (C28)	17.011	10957810	100.478 ug/ml
17) T n-Tricontane (C30)	17.895	10447337	99.533 ug/ml
18) T n-Dotriacontane (C32)	18.724	8750929	98.264 ug/ml
19) T n-Tetratriacontane (C34)	19.504	7401566	97.422 ug/ml
20) T n-Hexatriacontane (C36)	20.242	6568984	96.064 ug/ml
21) T n-Octatriacontane (C38)	21.013	5930283	96.011 ug/ml
22) T n-Tetracontane (C40)	21.987	5854506	96.519 ug/ml

(f)=RT Delta > 1/2 Window

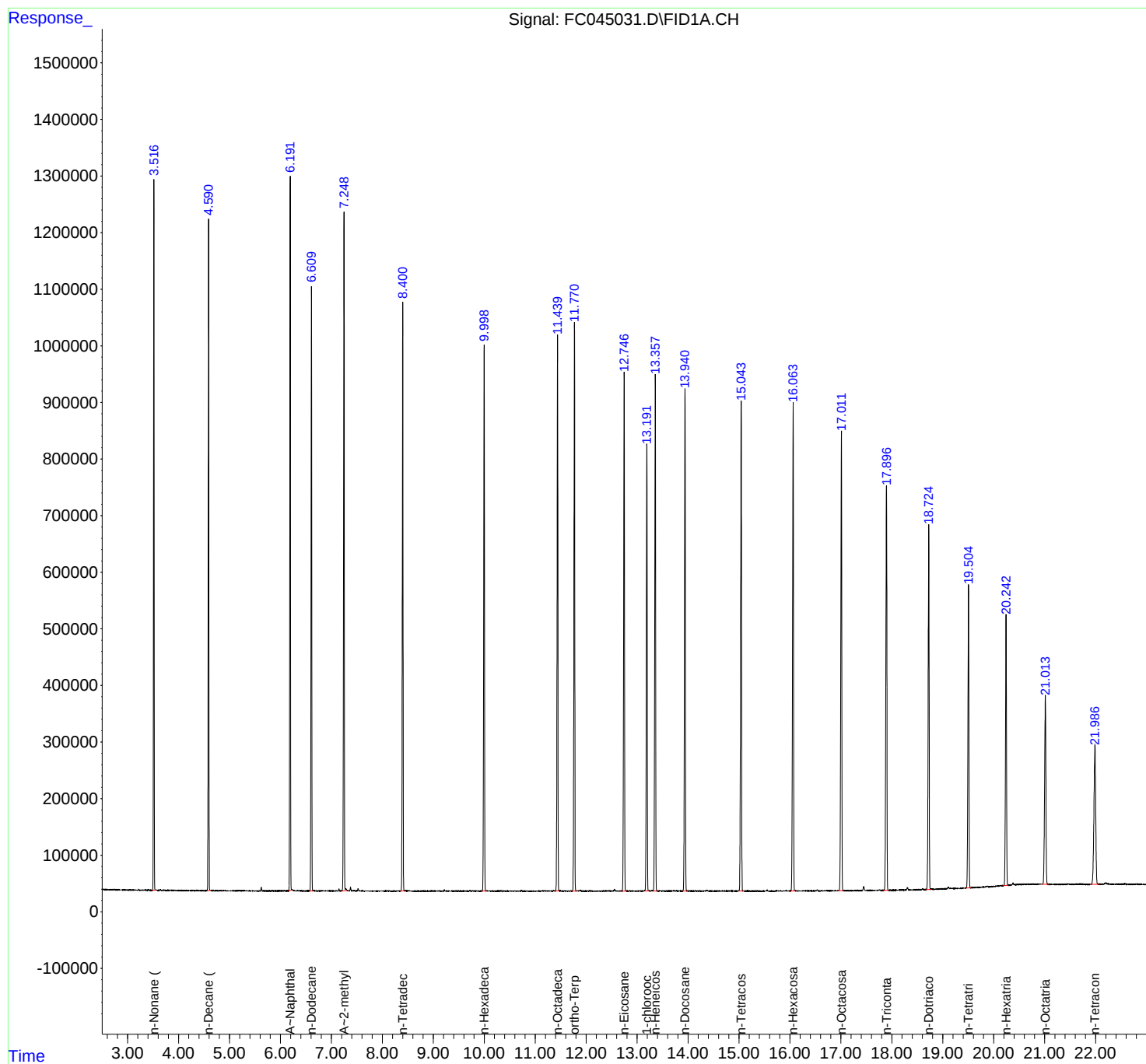
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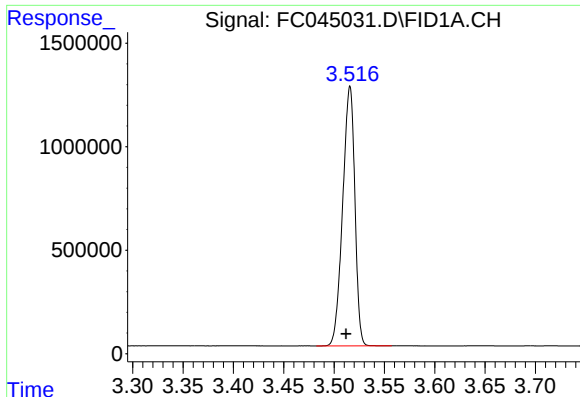
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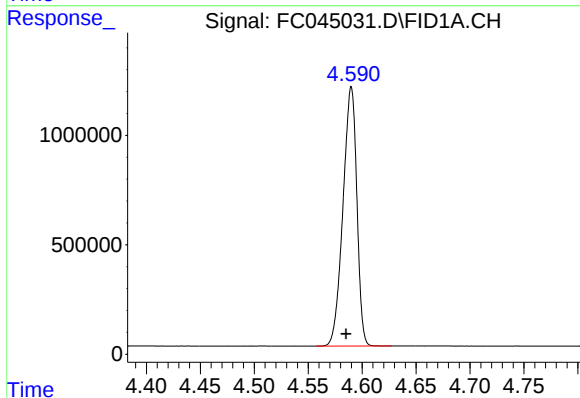




#1 n-Nonane (C9)

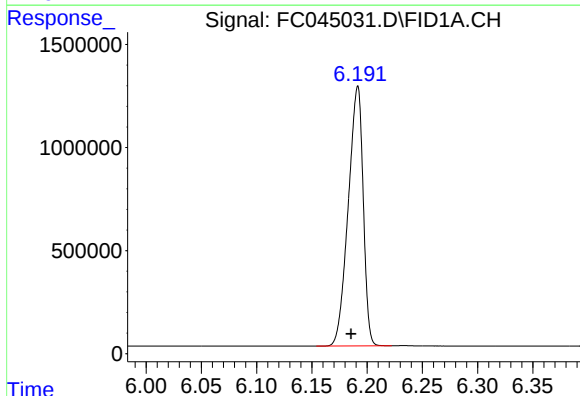
R.T.: 3.516 min
Delta R.T.: 0.004 min
Response: 10561620
Conc: 100.96 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



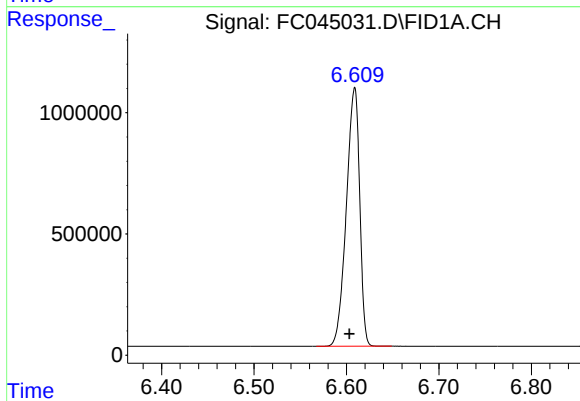
#2 n-Decane (C10)

R.T.: 4.590 min
Delta R.T.: 0.005 min
Response: 10598723
Conc: 101.06 ug/ml



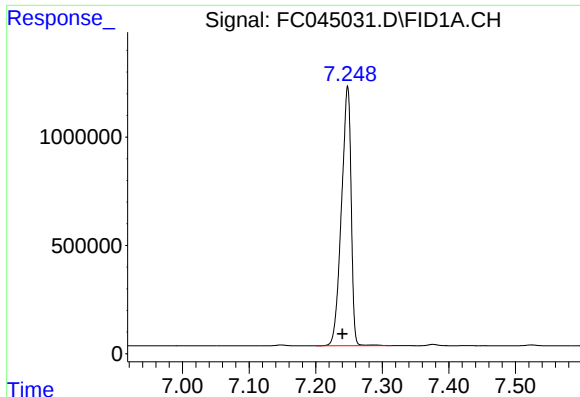
#3 A~Naphthalene (C11.7)

R.T.: 6.191 min
Delta R.T.: 0.006 min
Response: 11849652
Conc: 101.67 ug/ml



#4 n-Dodecane (C12)

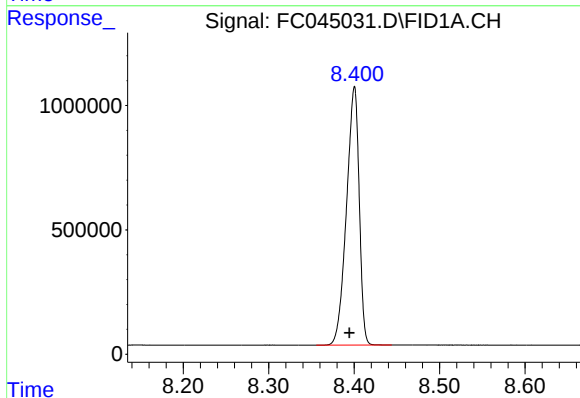
R.T.: 6.609 min
Delta R.T.: 0.006 min
Response: 10683057
Conc: 101.09 ug/ml



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

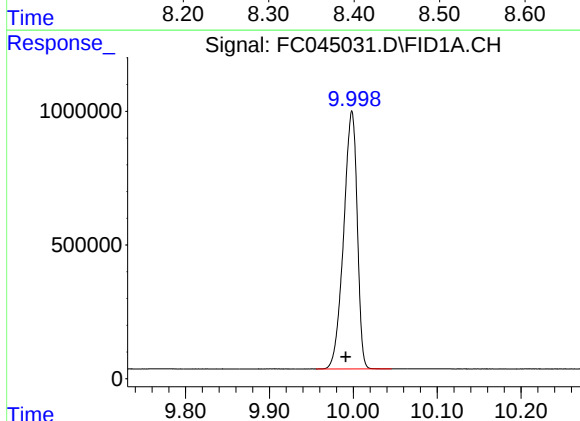
R.T.: 7.248 min
Delta R.T.: 0.008 min
Response: 12077805
Conc: 103.06 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



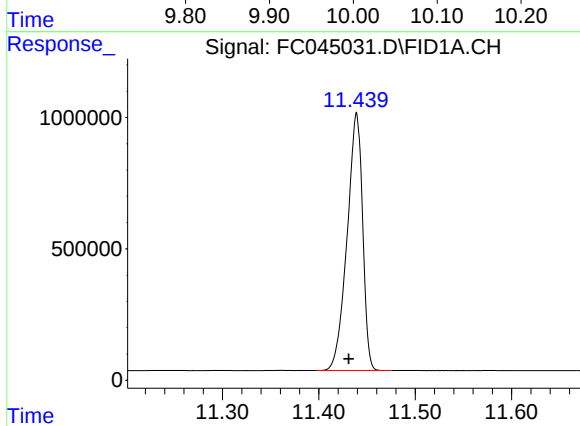
#6 n-Tetradecane (C14)

R.T.: 8.400 min
Delta R.T.: 0.006 min
Response: 10733654
Conc: 101.31 ug/ml



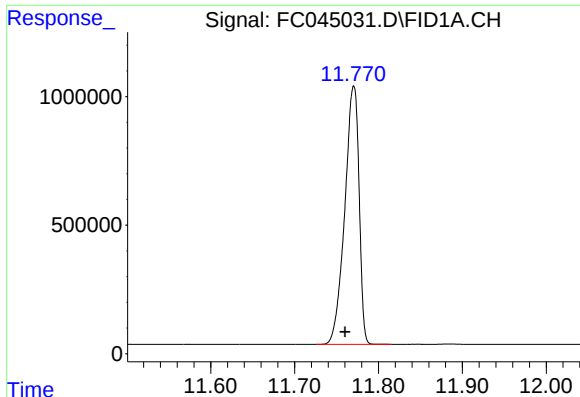
#7 n-Hexadecane (C16)

R.T.: 9.998 min
Delta R.T.: 0.007 min
Response: 10831683
Conc: 101.40 ug/ml



#8 n-Octadecane (C18)

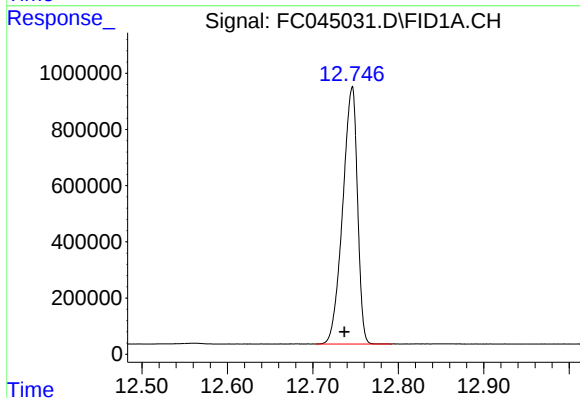
R.T.: 11.439 min
Delta R.T.: 0.008 min
Response: 10918966
Conc: 101.29 ug/ml



#9 ortho-Terphenyl (SURR)

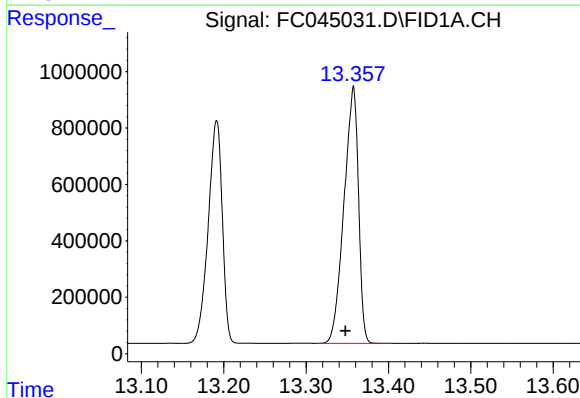
R.T.: 11.771 min
Delta R.T.: 0.010 min
Response: 11910192
Conc: 101.31 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



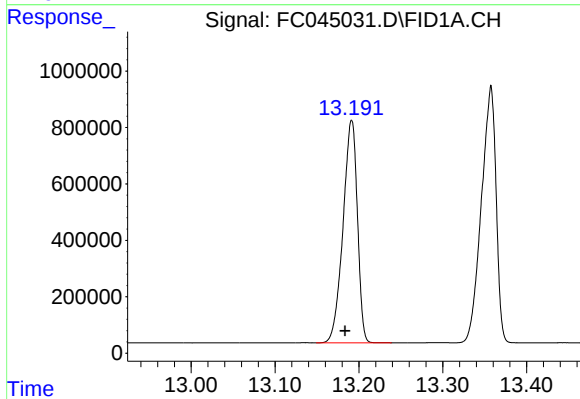
#10 n-Eicosane (C20)

R.T.: 12.746 min
Delta R.T.: 0.009 min
Response: 10993373
Conc: 101.63 ug/ml



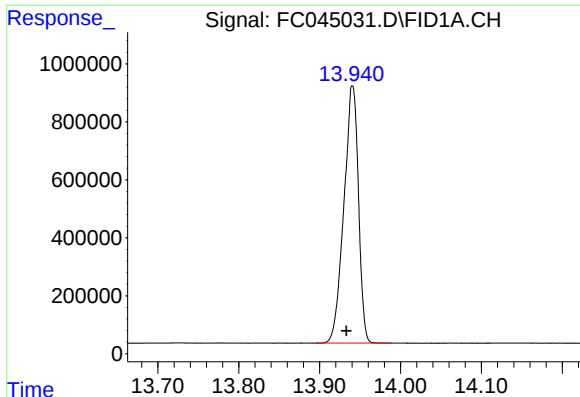
#11 n-Heneicosane (C21)

R.T.: 13.357 min
Delta R.T.: 0.010 min
Response: 11112355
Conc: 101.67 ug/ml



#12 1-chlorooctadecane (SURR)

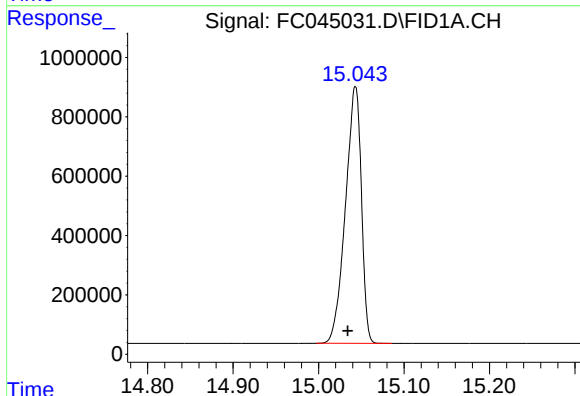
R.T.: 13.191 min
Delta R.T.: 0.008 min
Response: 9391133
Conc: 101.74 ug/ml



#13 n-Docosane (C22)

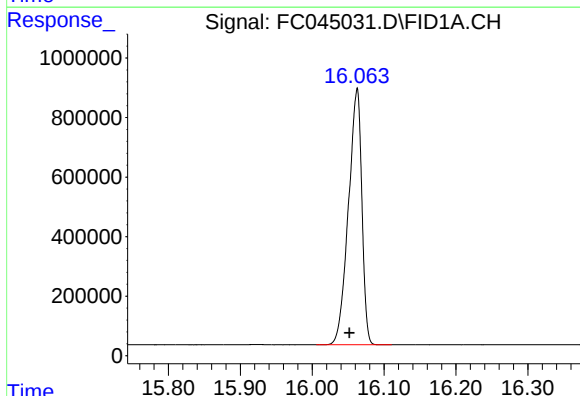
R.T.: 13.941 min
Delta R.T.: 0.007 min
Response: 11103326
Conc: 101.66 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



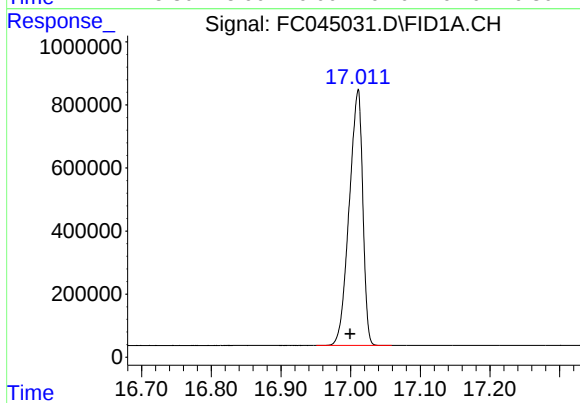
#14 n-Tetracosane (C24)

R.T.: 15.043 min
Delta R.T.: 0.009 min
Response: 11207909
Conc: 101.47 ug/ml



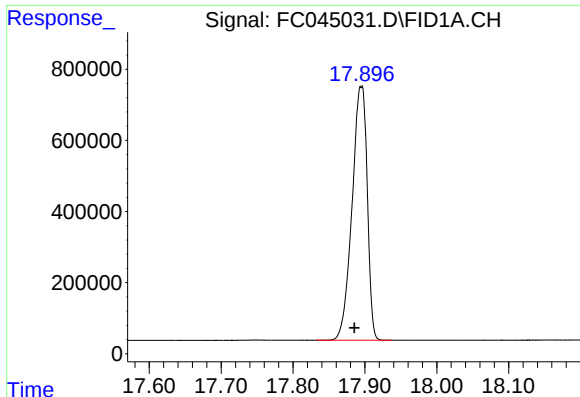
#15 n-Hexacosane (C26)

R.T.: 16.063 min
Delta R.T.: 0.011 min
Response: 11137747
Conc: 101.09 ug/ml



#16 n-Octacosane (C28)

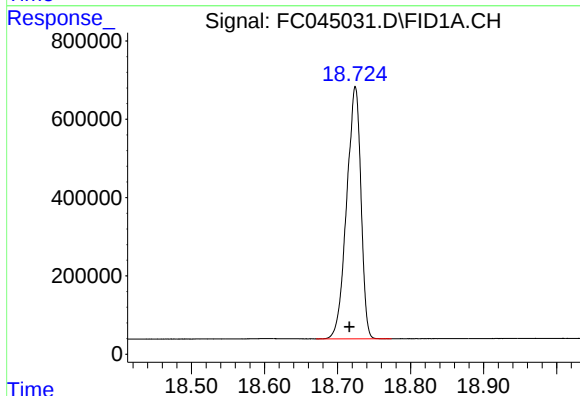
R.T.: 17.011 min
Delta R.T.: 0.012 min
Response: 10957810
Conc: 100.48 ug/ml



#17 n-Tricontane (C30)

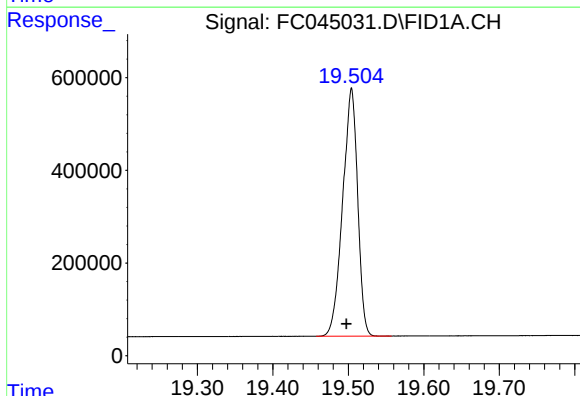
R.T.: 17.895 min
Delta R.T.: 0.010 min
Response: 10447337
Conc: 99.53 ug/ml

Instrument :
FID_C
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100 PPM ALIPHATIC HC STD1



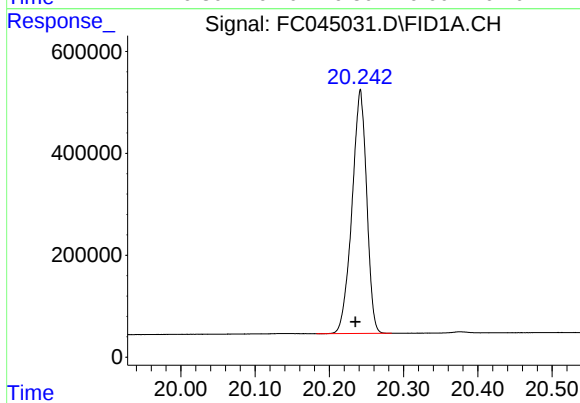
#18 n-Dotriacontane (C32)

R.T.: 18.724 min
Delta R.T.: 0.008 min
Response: 8750929
Conc: 98.26 ug/ml



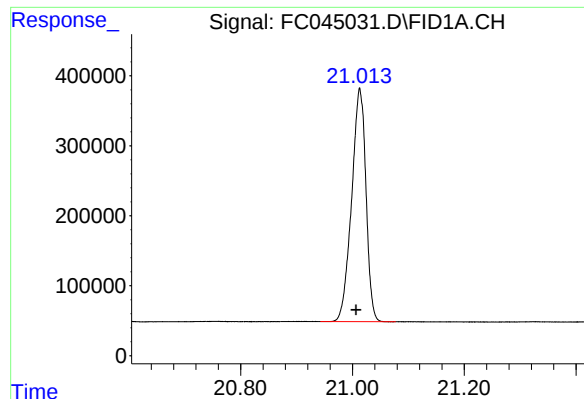
#19 n-Tetratriacontane (C34)

R.T.: 19.504 min
Delta R.T.: 0.007 min
Response: 7401566
Conc: 97.42 ug/ml



#20 n-Hexatriacontane (C36)

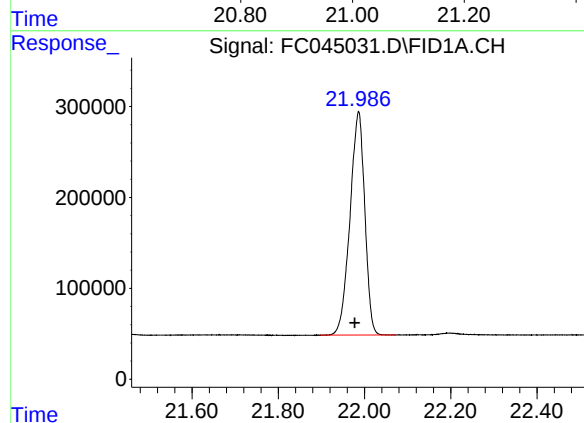
R.T.: 20.242 min
Delta R.T.: 0.007 min
Response: 6568984
Conc: 96.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.013 min
Delta R.T.: 0.007 min
Response: 5930283
Conc: 96.01 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.987 min
Delta R.T.: 0.009 min
Response: 5854506
Conc: 96.52 ug/ml