Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062423AL\
Data File : FC063979.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2023 03:00
Operator : YP/AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Jun 25 03:59:10 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
Quant Title : GC Extractables
QLast Update : Sun Jun 25 03:56:00 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)	11.536	18522044	94.778 ug/ml
Spiked Amount	50.000		Recovery =	189.56%
12) S	1-chlorooctadecane (S...	12.969	13386251	95.028 ug/ml
Spiked Amount	50.000		Recovery =	190.06%
	Target Compounds			
1) T	n-Nonane (C9)	3.313	17265865	94.941 ug/ml
2) T	n-Decane (C10)	4.376	17568172	95.007 ug/ml
3) T	A~Naphthalene (C11.7)	5.958	18806468	96.635 ug/ml
4) T	n-Dodecane (C12)	6.391	17429389	94.862 ug/ml
5) T	A~2-methylnaphthalene...	7.014	17953605	96.994 ug/ml
6) T	n-Tetradecane (C14)	8.183	16780435	95.258 ug/ml
7) T	n-Hexadecane (C16)	9.781	16766361	95.146 ug/ml
8) T	n-Octadecane (C18)	11.222	16465965	94.766 ug/ml
10) T	n-Eicosane (C20)	12.526	15439926	94.631 ug/ml
11) T	n-Heneicosane (C21)	13.137	15040407	94.686 ug/ml
13) T	n-Docosane (C22)	13.721	14810176	94.285 ug/ml
14) T	n-Tetracosane (C24)	14.820	14524350	93.736 ug/ml
15) T	n-Hexacosane (C26)	15.838	14167329	93.040 ug/ml
16) T	n-Octacosane (C28)	16.785	13878458	92.623 ug/ml
17) T	n-Tricontane (C30)	17.671	14100976	91.999 ug/ml
18) T	n-Dotriacontane (C32)	18.500	14006993	92.046 ug/ml
19) T	n-Tetratriacontane (C34)	19.282	13965741	93.196 ug/ml
20) T	n-Hexatriacontane (C36)	20.020	13748531	94.165 ug/ml
21) T	n-Octatriacontane (C38)	20.746	13832763	94.253 ug/ml
22) T	n-Tetracontane (C40)	21.640	13828132	94.596 ug/ml

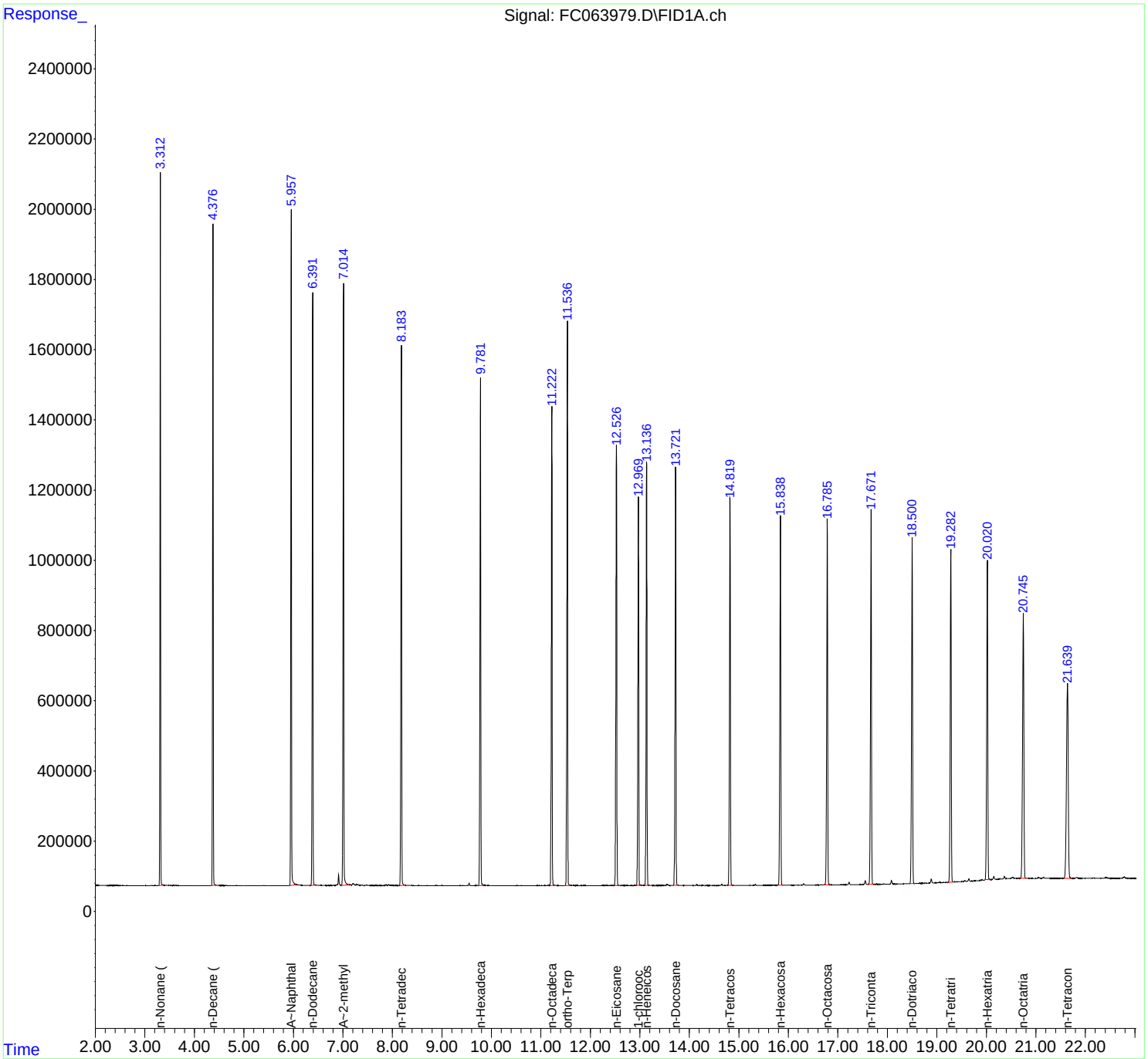
(f)=RT Delta > 1/2 Window (m)=manual int.

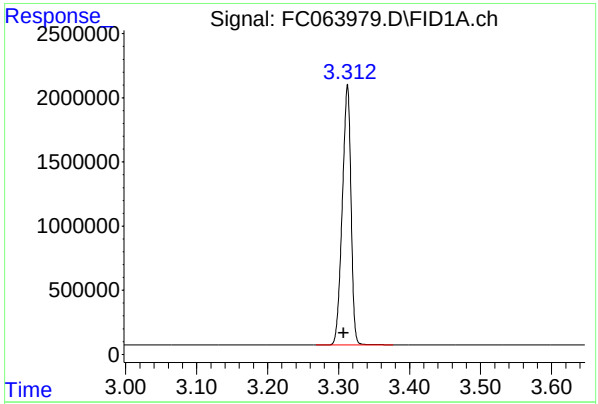
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062423AL\
Data File : FC063979.D
Signal(s) : FID1A.ch
Acq On : 24 Jun 2023 03:00
Operator : YP/AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Jun 25 03:59:10 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
Quant Title : GC Extractables
QLast Update : Sun Jun 25 03:56:00 2023
Response via : Initial Calibration
Integrator: ChemStation

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

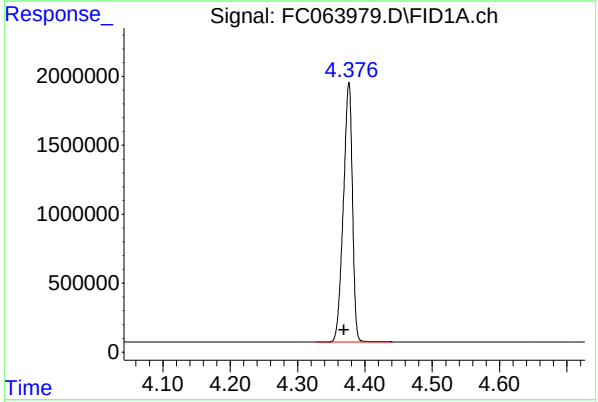




#1 n-Nonane (C9)

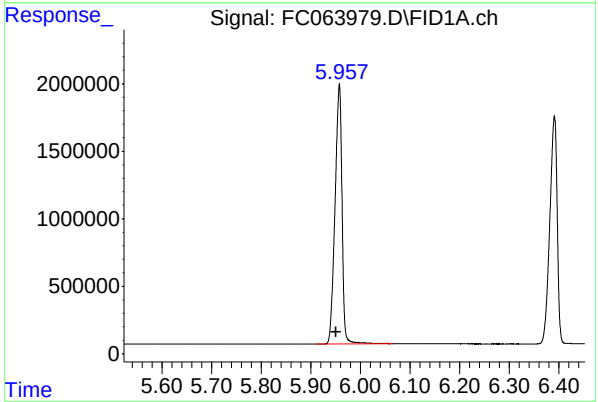
R.T.: 3.313 min
Delta R.T.: 0.006 min
Response: 17265865
Conc: 94.94 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



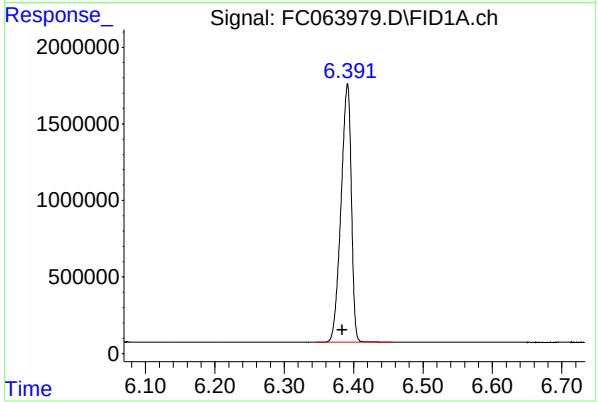
#2 n-Decane (C10)

R.T.: 4.376 min
Delta R.T.: 0.007 min
Response: 17568172
Conc: 95.01 ug/ml



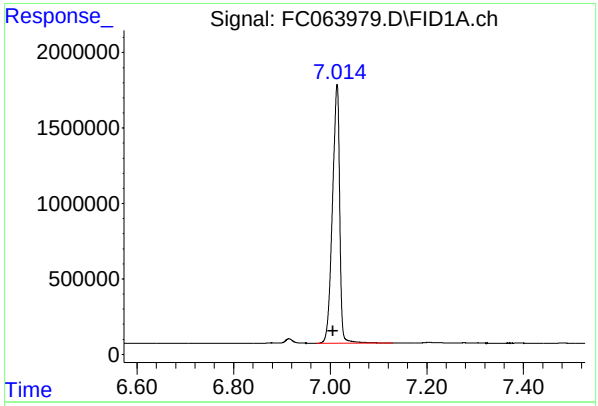
#3 A~Naphthalene (C11.7)

R.T.: 5.958 min
Delta R.T.: 0.007 min
Response: 18806468
Conc: 96.63 ug/ml



#4 n-Dodecane (C12)

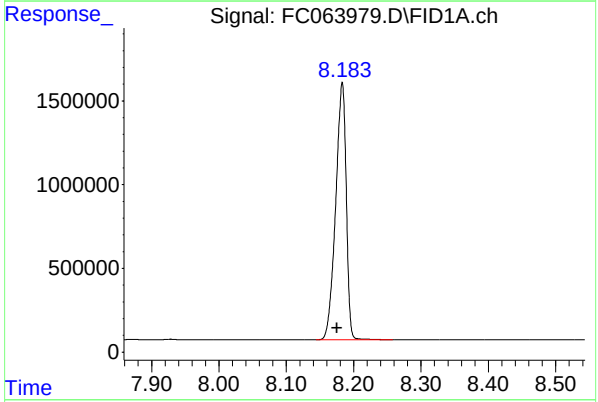
R.T.: 6.391 min
Delta R.T.: 0.007 min
Response: 17429389
Conc: 94.86 ug/ml



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

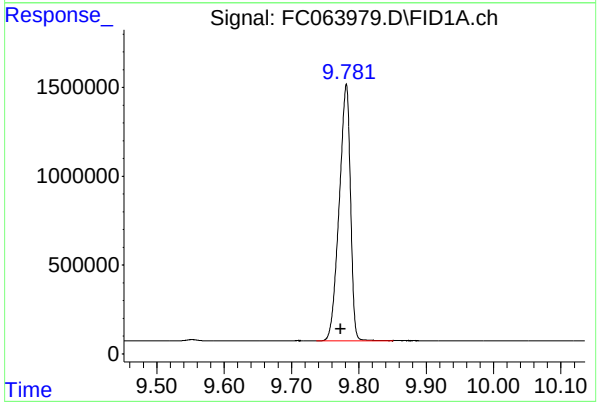
R.T.: 7.014 min
Delta R.T.: 0.008 min
Response: 17953605
Conc: 96.99 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



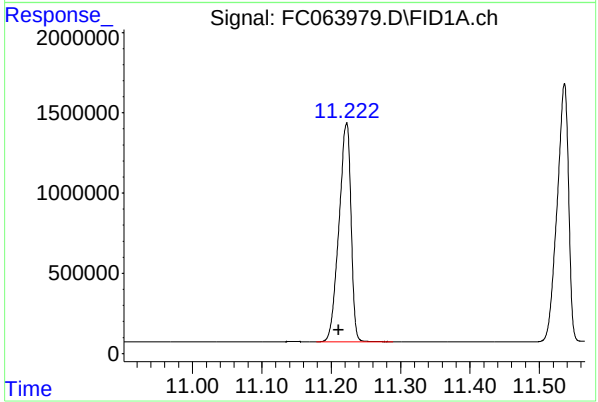
#6 n-Tetradecane (C14)

R.T.: 8.183 min
Delta R.T.: 0.008 min
Response: 16780435
Conc: 95.26 ug/ml



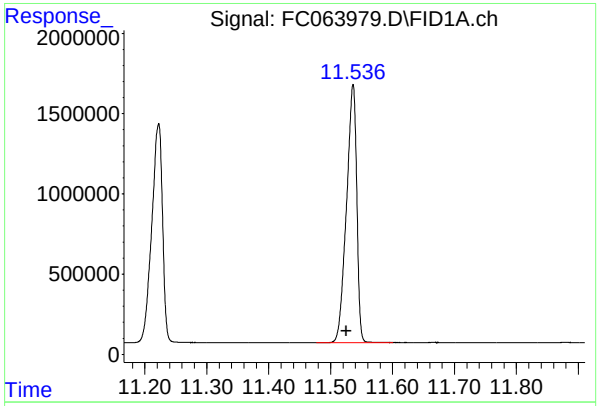
#7 n-Hexadecane (C16)

R.T.: 9.781 min
Delta R.T.: 0.008 min
Response: 16766361
Conc: 95.15 ug/ml



#8 n-Octadecane (C18)

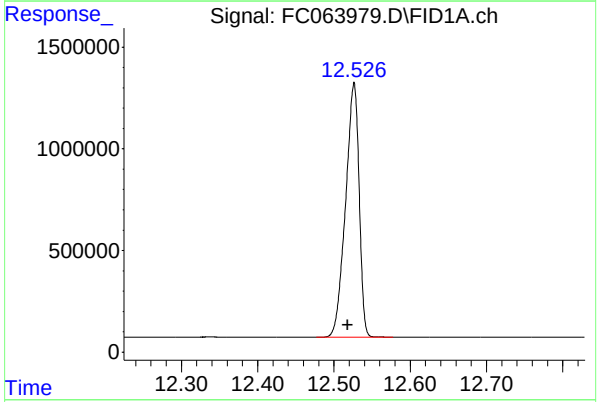
R.T.: 11.222 min
Delta R.T.: 0.011 min
Response: 16465965
Conc: 94.77 ug/ml



#9 ortho-Terphenyl (SURR)

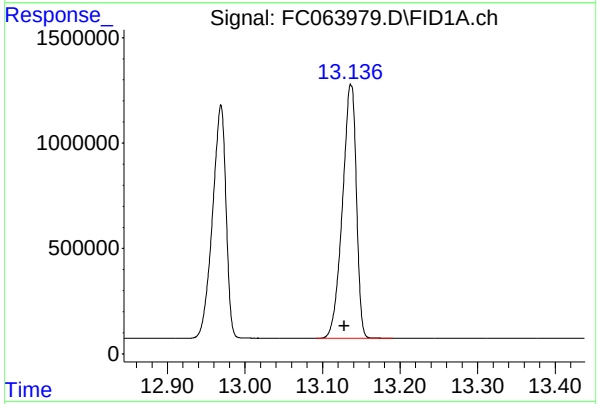
R.T.: 11.536 min
Delta R.T.: 0.011 min
Response: 18522044
Conc: 94.78 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



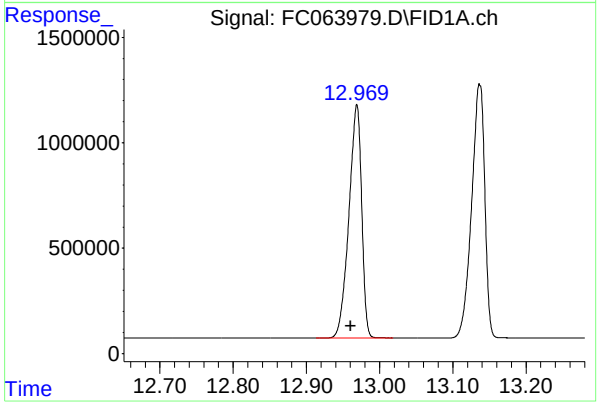
#10 n-Eicosane (C20)

R.T.: 12.526 min
Delta R.T.: 0.008 min
Response: 15439926
Conc: 94.63 ug/ml



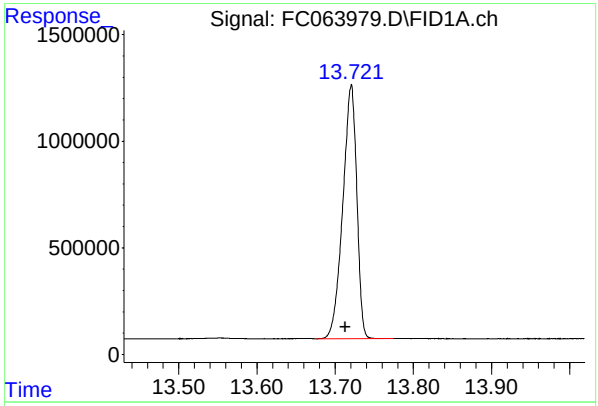
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: 0.009 min
Response: 15040407
Conc: 94.69 ug/ml



#12 1-chlorooctadecane (SURR)

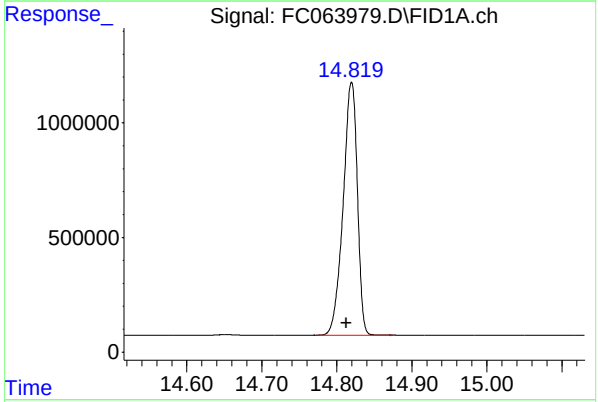
R.T.: 12.969 min
Delta R.T.: 0.008 min
Response: 13386251
Conc: 95.03 ug/ml



#13 n-Docosane (C22)

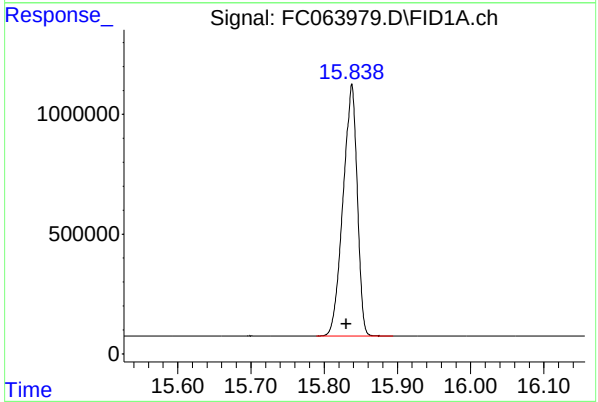
R.T.: 13.721 min
Delta R.T.: 0.008 min
Response: 14810176
Conc: 94.28 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



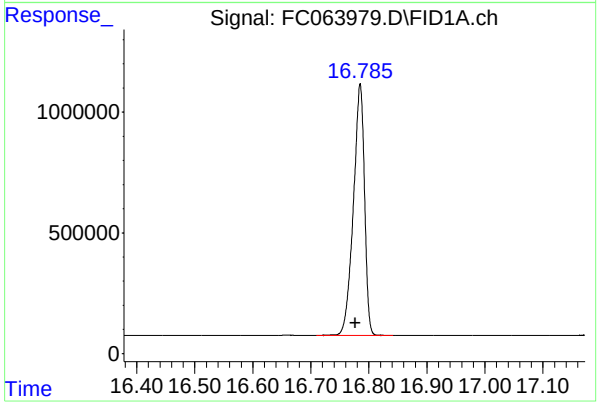
#14 n-Tetracosane (C24)

R.T.: 14.820 min
Delta R.T.: 0.007 min
Response: 14524350
Conc: 93.74 ug/ml



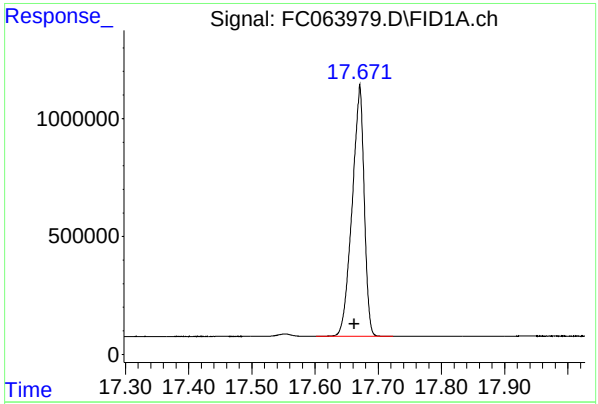
#15 n-Hexacosane (C26)

R.T.: 15.838 min
Delta R.T.: 0.008 min
Response: 14167329
Conc: 93.04 ug/ml



#16 n-Octacosane (C28)

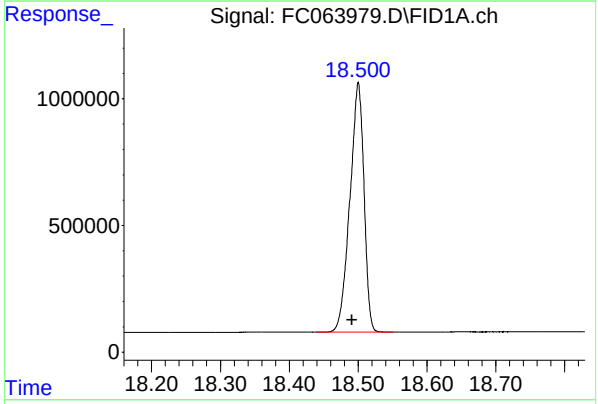
R.T.: 16.785 min
Delta R.T.: 0.008 min
Response: 13878458
Conc: 92.62 ug/ml



#17 n-Tricontane (C30)

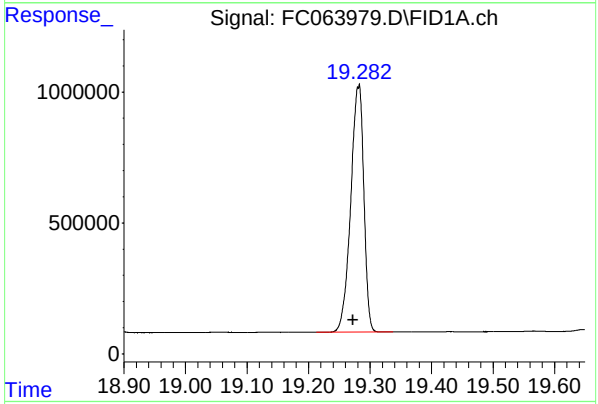
R.T.: 17.671 min
Delta R.T.: 0.009 min
Response: 14100976
Conc: 92.00 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



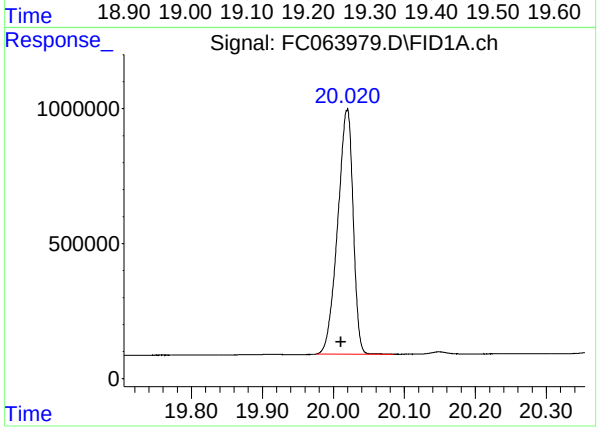
#18 n-Dotriacontane (C32)

R.T.: 18.500 min
Delta R.T.: 0.009 min
Response: 14006993
Conc: 92.05 ug/ml



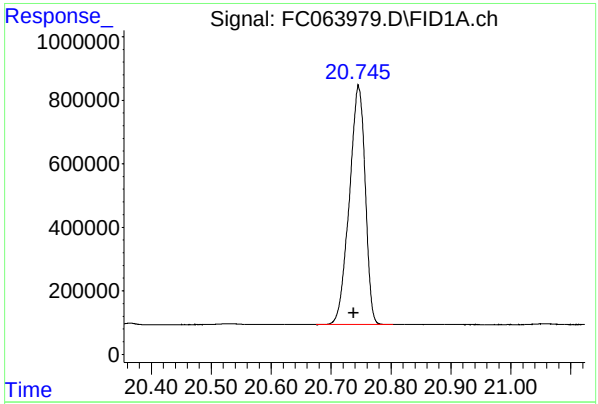
#19 n-Tetratriacontane (C34)

R.T.: 19.282 min
Delta R.T.: 0.009 min
Response: 13965741
Conc: 93.20 ug/ml



#20 n-Hexatriacontane (C36)

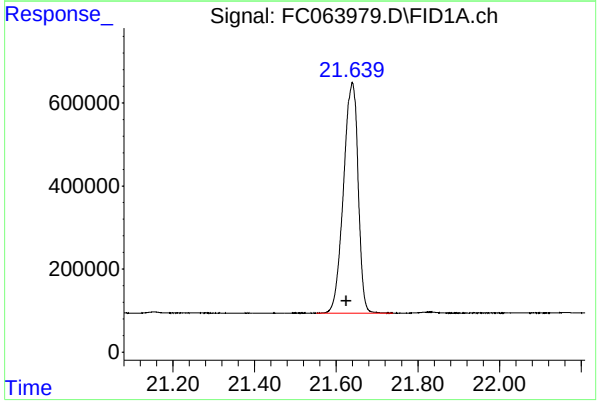
R.T.: 20.020 min
Delta R.T.: 0.009 min
Response: 13748531
Conc: 94.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.746 min
Delta R.T.: 0.008 mi
Response: 13832763
Conc: 94.25 ug/m

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.640 min
Delta R.T.: 0.014 min
Response: 13828132
Conc: 94.60 ug/ml