



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Lab Sample ID: 100 PPM ALIPHATIC HC

Acq On: 15 Mar 2023 16:26

Client Sample ID:

Operator: YP/AJ

Data file: FC063183.D

Misc:

Instrument: FID_C

ALS Vial: 6

Dilution Factor: 1

Sample Multiplier: 1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.197	6.481	34221543.000	300.000	ug/ml
Aliphatic C12-C16	6.482	9.877	22493895.000	200.000	ug/ml
Aliphatic C16-C21	9.878	13.238	33154822.000	300.000	ug/ml
Aliphatic C21-C28	13.239	16.892	42902678.000	400.000	ug/ml
Aliphatic C28-C40	16.893	21.750	62783767.000	600.000	ug/ml
Aliphatic EPH	3.197		195556705.000	1800.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031523AL\
 Data File : FC063183.D
 Signal(s) : FID1A.ch
 Acq On : 15 Mar 2023 16:26
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Mar 16 01:23:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 031523.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 16 01:17:47 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)	11.543	12341769	97.913 ug/ml
Spiked Amount 50.000		Recovery =	195.83%
12) S 1-chlorooctadecane (S...	12.978	9381594	98.916 ug/ml
Spiked Amount 50.000		Recovery =	197.83%
Target Compounds			
1) T n-Nonane (C9)	3.296	11575638	98.687 ug/ml
2) T n-Decane (C10)	4.365	11334374	98.852 ug/ml
3) T A~Naphthalene (C11.7)	5.950	12949805	100.655 ug/ml
4) T n-Dodecane (C12)	6.387	11311531	98.795 ug/ml
5) T A~2-methylnaphthalene...	7.009	12049770	100.936 ug/ml
6) T n-Tetradecane (C14)	8.183	11213699	99.407 ug/ml
7) T n-Hexadecane (C16)	9.785	11280196	98.870 ug/ml
8) T n-Octadecane (C18)	11.227	11295321	98.259 ug/ml
10) T n-Eicosane (C20)	12.534	10913742	97.913 ug/ml
11) T n-Heneicosane (C21)	13.145	10945759	98.082 ug/ml
13) T n-Docosane (C22)	13.732	10825008	98.167 ug/ml
14) T n-Tetracosane (C24)	14.834	10795137	98.115 ug/ml
15) T n-Hexacosane (C26)	15.854	10666017	98.051 ug/ml
16) T n-Octacosane (C28)	16.801	10616516	97.984 ug/ml
17) T n-Tricontane (C30)	17.687	10616467	97.472 ug/ml
18) T n-Dotriacontane (C32)	18.517	10727679	97.242 ug/ml
19) T n-Tetratriacontane (C34)	19.299	10722529	97.541 ug/ml
20) T n-Hexatriacontane (C36)	20.036	10288152	97.946 ug/ml
21) T n-Octatriacontane (C38)	20.766	10249155	98.209 ug/ml
22) T n-Tetracontane (C40)	21.672	10179785	98.553 ug/ml

(f)=RT Delta > 1/2 Window

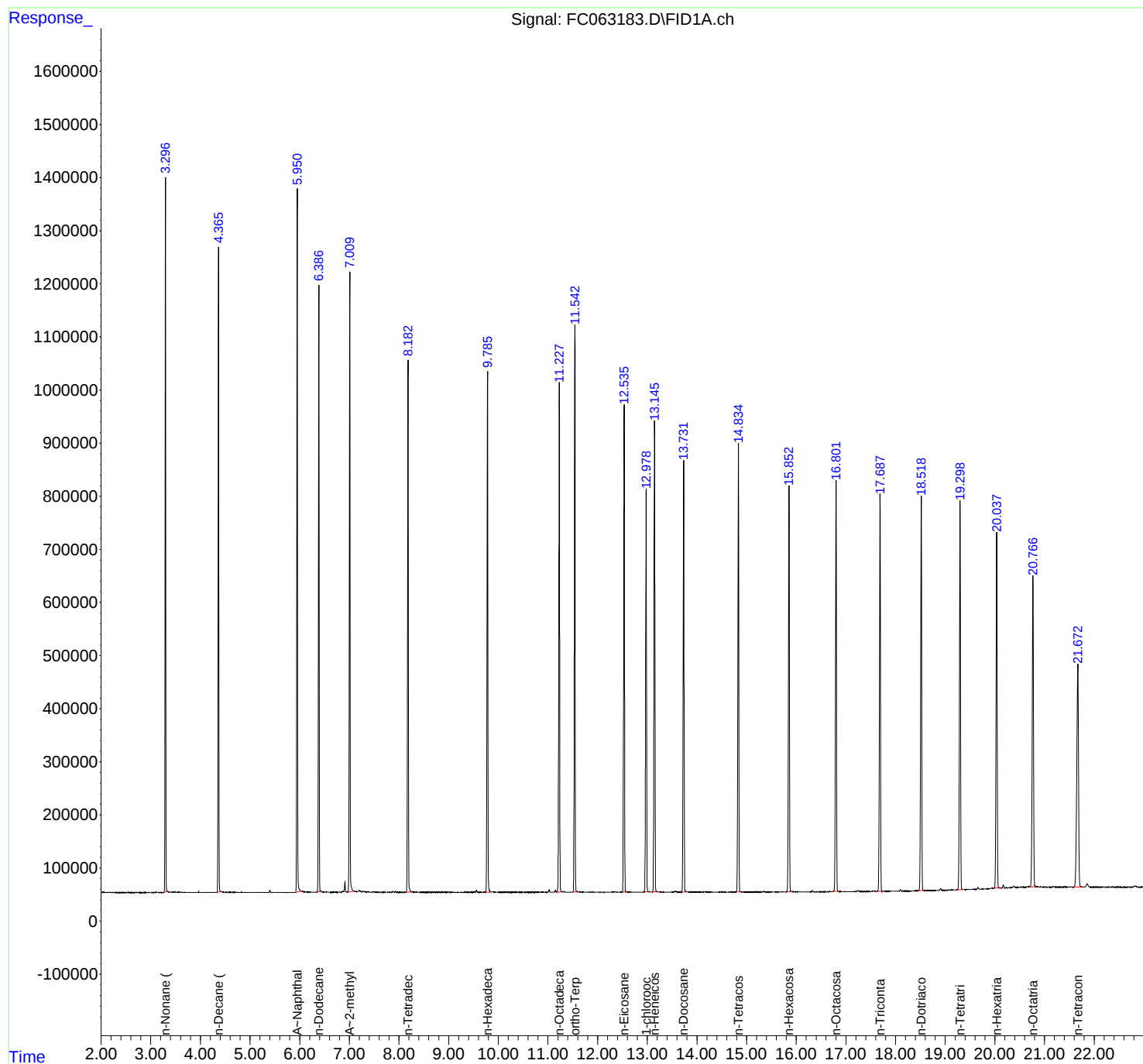
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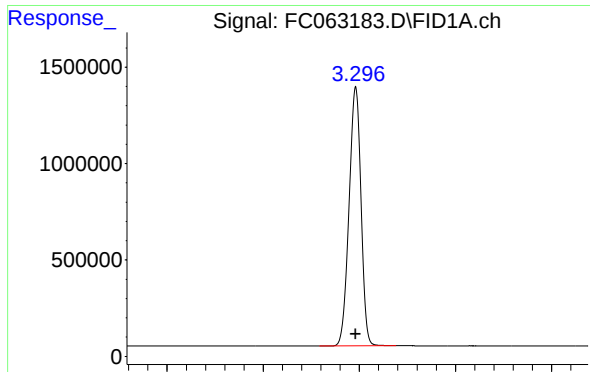
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031523AL\
Data File : FC063183.D
Signal(s) : FID1A.ch
Acq On : 15 Mar 2023 16:26
Operator : YP/AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Mar 16 01:23:10 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 031523.M
Quant Title : GC Extractables
QLast Update : Thu Mar 16 01:17:47 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)

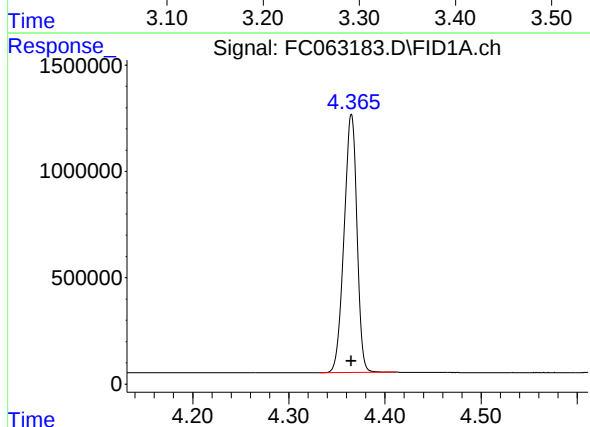
R.T.: 3.296 min
Delta R.T.: 0.000 min
Response: 11575638
Conc: 98.69 ug/ml

Instrument :

FID_C

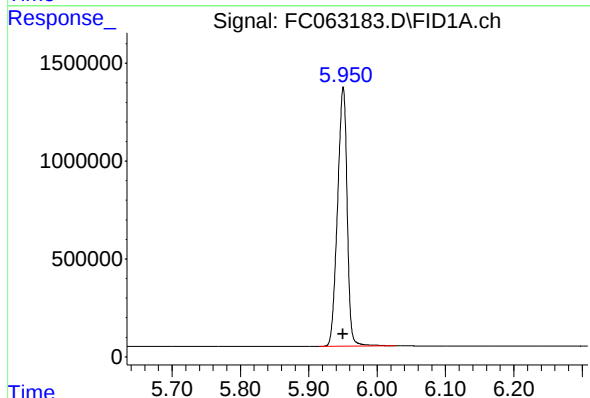
ClientSampleId :

100 PPM ALIPHATIC HC STD1



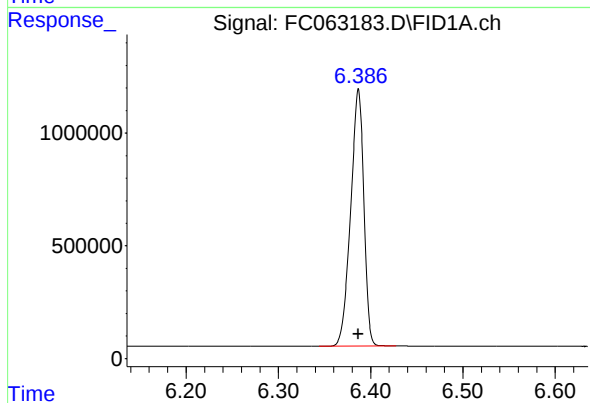
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 11334374
Conc: 98.85 ug/ml



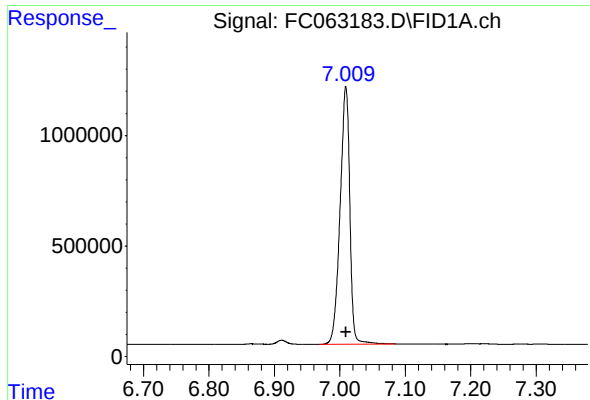
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 12949805
Conc: 100.66 ug/ml



#4 n-Dodecane (C12)

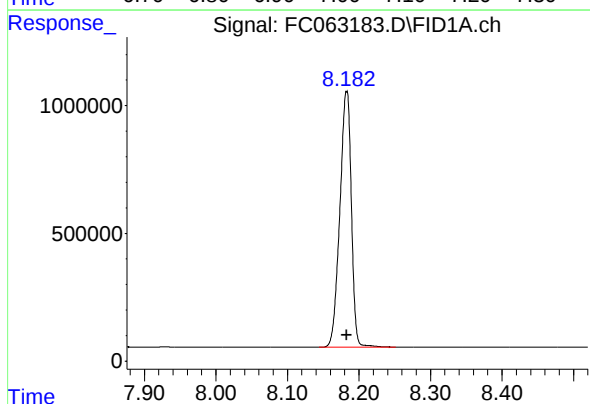
R.T.: 6.387 min
Delta R.T.: 0.000 min
Response: 11311531
Conc: 98.79 ug/ml



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

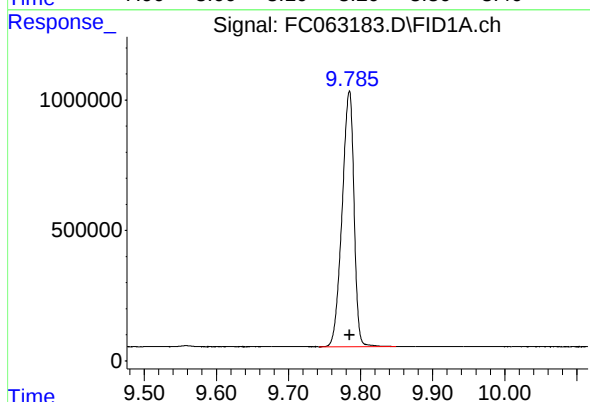
R.T.: 7.009 min
Delta R.T.: 0.000 min
Response: 12049770
Conc: 100.94 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



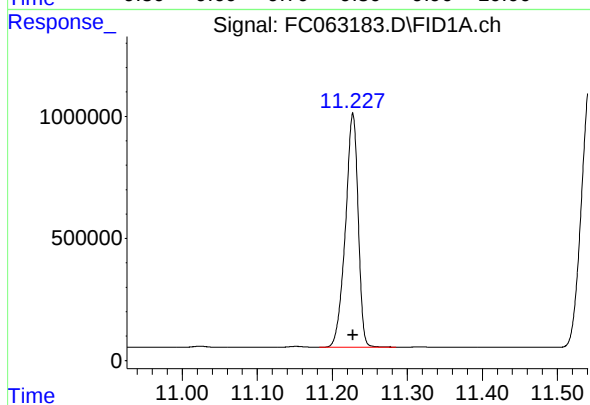
#6 n-Tetradecane (C14)

R.T.: 8.183 min
Delta R.T.: 0.000 min
Response: 11213699
Conc: 99.41 ug/ml



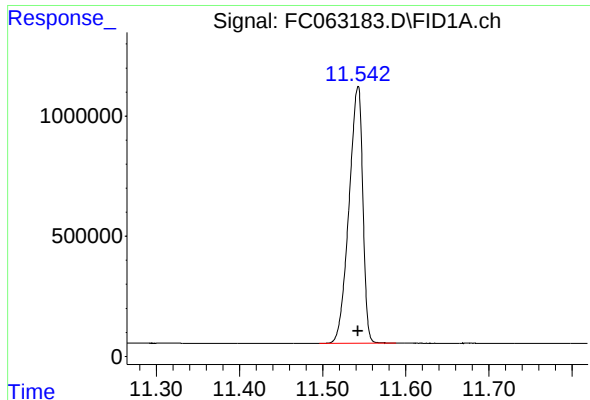
#7 n-Hexadecane (C16)

R.T.: 9.785 min
Delta R.T.: 0.000 min
Response: 11280196
Conc: 98.87 ug/ml



#8 n-Octadecane (C18)

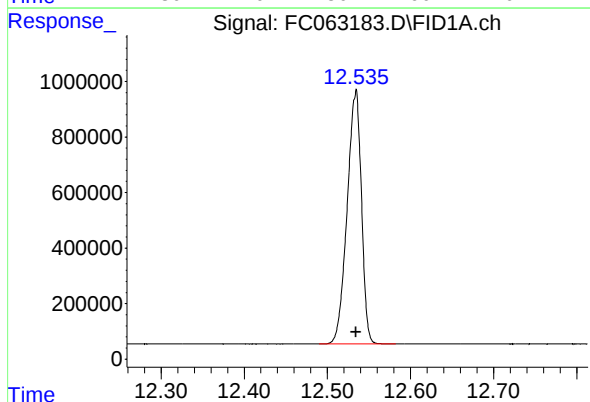
R.T.: 11.227 min
Delta R.T.: 0.000 min
Response: 11295321
Conc: 98.26 ug/ml



#9 ortho-Terphenyl (SURR)

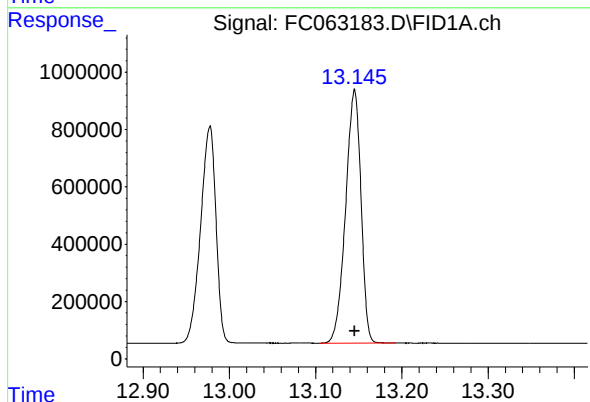
R.T.: 11.543 min
Delta R.T.: 0.000 min
Response: 12341769
Conc: 97.91 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



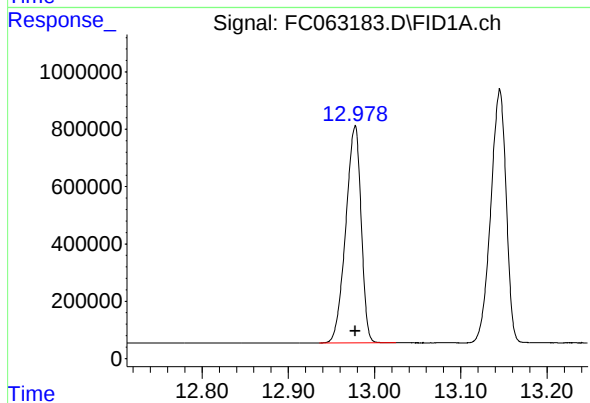
#10 n-Eicosane (C20)

R.T.: 12.534 min
Delta R.T.: 0.000 min
Response: 10913742
Conc: 97.91 ug/ml



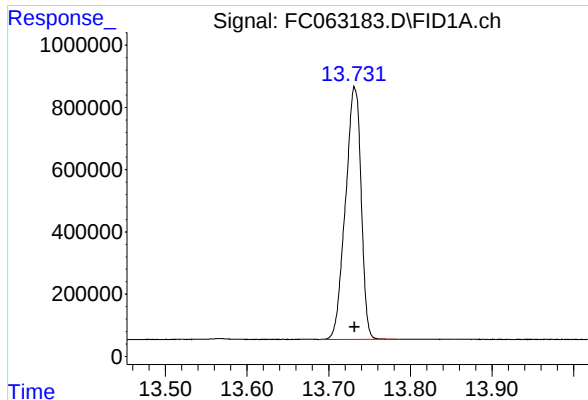
#11 n-Heneicosane (C21)

R.T.: 13.145 min
Delta R.T.: 0.000 min
Response: 10945759
Conc: 98.08 ug/ml



#12 1-chlorooctadecane (SURR)

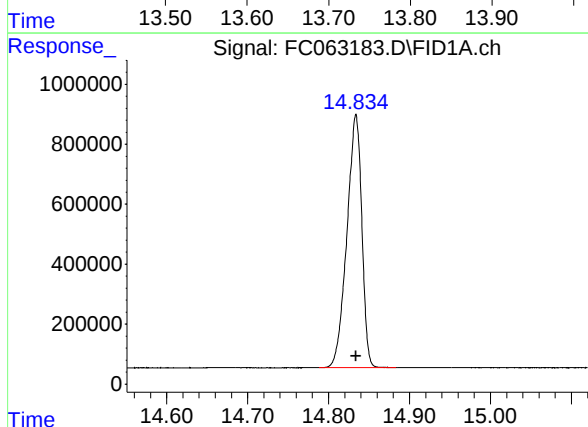
R.T.: 12.978 min
Delta R.T.: 0.000 min
Response: 9381594
Conc: 98.92 ug/ml



#13 n-Docosane (C22)

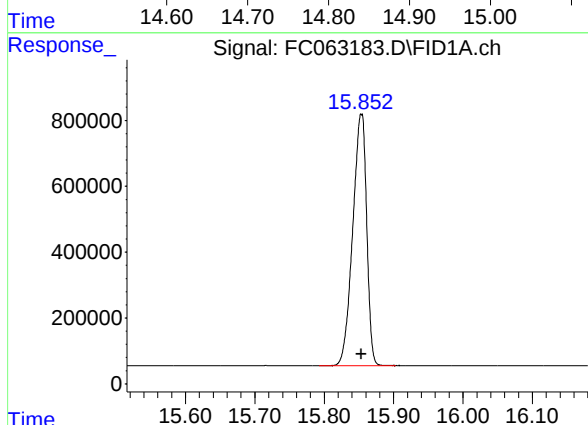
R.T.: 13.732 min
Delta R.T.: 0.000 min
Response: 10825008
Conc: 98.17 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



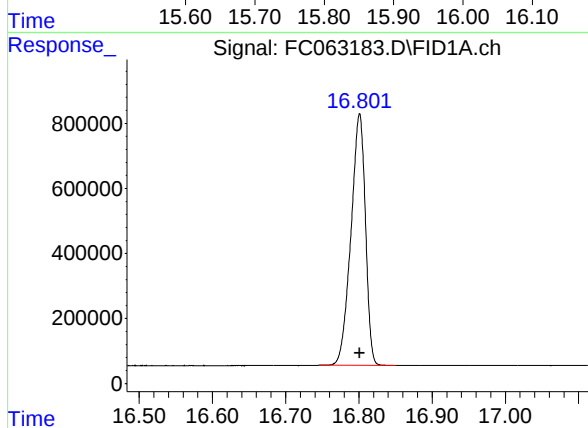
#14 n-Tetracosane (C24)

R.T.: 14.834 min
Delta R.T.: 0.000 min
Response: 10795137
Conc: 98.12 ug/ml



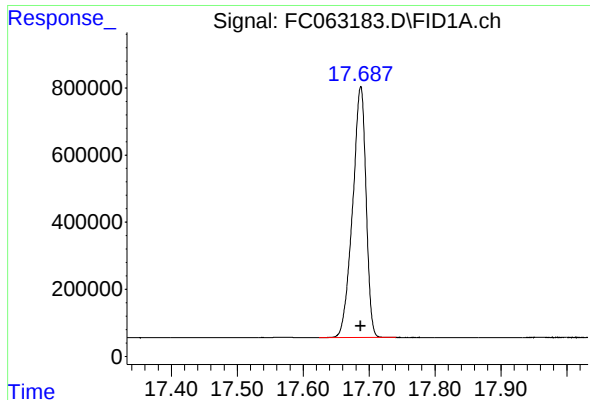
#15 n-Hexacosane (C26)

R.T.: 15.854 min
Delta R.T.: 0.000 min
Response: 10666017
Conc: 98.05 ug/ml



#16 n-Octacosane (C28)

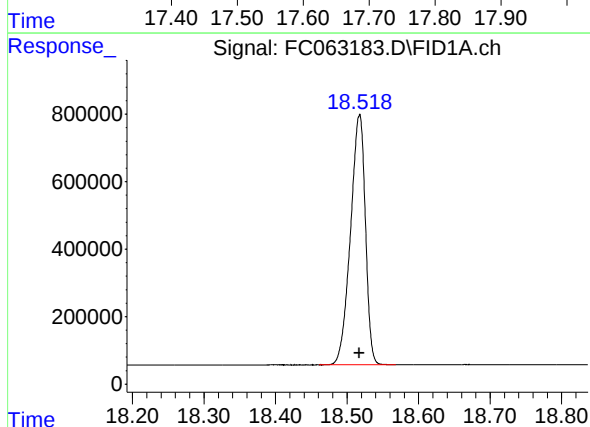
R.T.: 16.801 min
Delta R.T.: 0.000 min
Response: 10616516
Conc: 97.98 ug/ml



#17 n-Tricontane (C30)

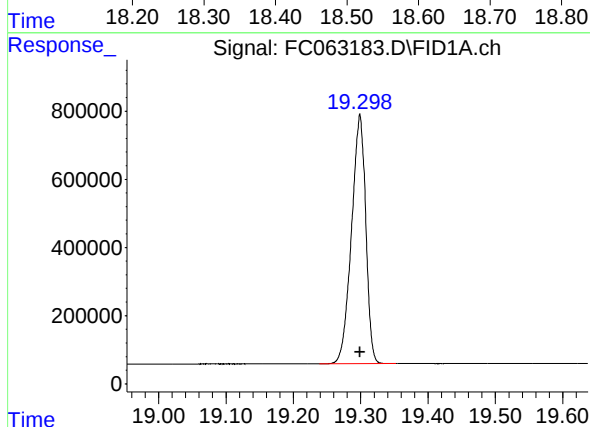
R.T.: 17.687 min
Delta R.T.: 0.000 min
Response: 10616467
Conc: 97.47 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



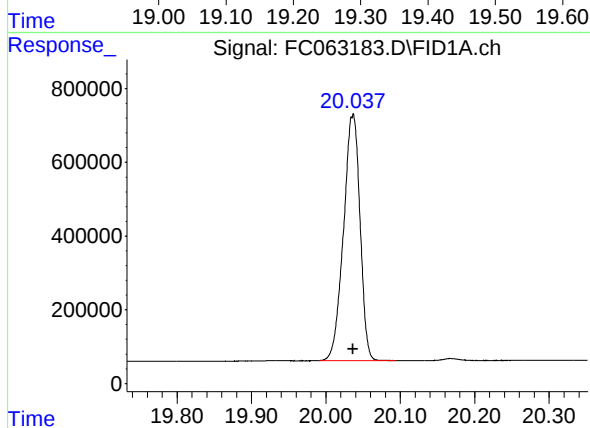
#18 n-Dotriacontane (C32)

R.T.: 18.517 min
Delta R.T.: 0.000 min
Response: 10727679
Conc: 97.24 ug/ml



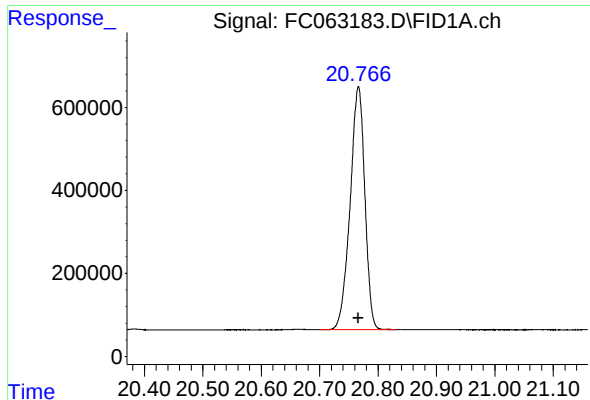
#19 n-Tetratriacontane (C34)

R.T.: 19.299 min
Delta R.T.: 0.000 min
Response: 10722529
Conc: 97.54 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.036 min
Delta R.T.: 0.000 min
Response: 10288152
Conc: 97.95 ug/ml



#21 n-Octatriacontane (C38)

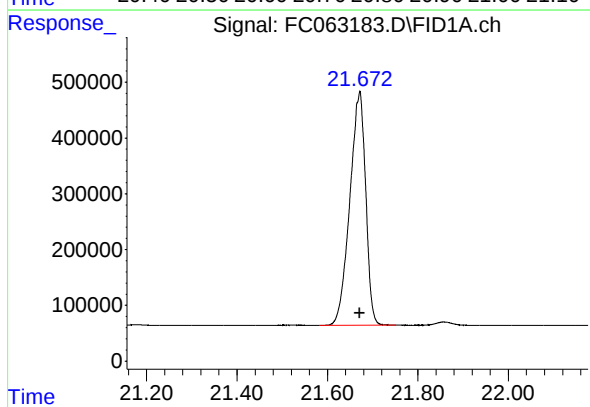
R.T.: 20.766 min
Delta R.T.: 0.000 min
Response: 10249155
Conc: 98.21 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.672 min
Delta R.T.: 0.000 min
Response: 10179785
Conc: 98.55 ug/ml