

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052125AL\
 Data File : FC068954.D
 Signal(s) : FID1A.ch
 Acq On : 21 May 2025 08:46
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 21 11:27:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 2025
 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)	11.706	2025754	17.748 ug/ml
Spiked Amount 50.000		Recovery =	35.50%
12) S 1-chlorooctadecane (S...	13.139	1452924	18.110 ug/ml
Spiked Amount 50.000		Recovery =	36.22%
Target Compounds			
1) T n-Nonane (C9)	3.441	1831993	18.214 ug/ml
2) T n-Decane (C10)	4.516	1829273	18.359 ug/ml
3) T A~Naphthalene (C11.7)	6.112	1982563	17.981 ug/ml
4) T n-Dodecane (C12)	6.540	1795249	18.474 ug/ml
5) T A~2-methylnaphthalene...	7.170	1935797	18.035 ug/ml
6) T n-Tetradecane (C14)	8.337	1706093	18.459 ug/ml
7) T n-Hexadecane (C16)	9.939	1651205	18.440 ug/ml
8) T n-Octadecane (C18)	11.383	1602193	18.265 ug/ml
10) T n-Eicosane (C20)	12.693	1551988	18.212 ug/ml
11) T n-Heneicosane (C21)	13.305	1534865	18.197 ug/ml
13) T n-Docosane (C22)	13.891	1524422	18.222 ug/ml
14) T n-Tetracosane (C24)	14.995	1519976	18.267 ug/ml
15) T n-Hexacosane (C26)	16.017	1519290	18.337 ug/ml
16) T n-Octacosane (C28)	16.968	1536110	18.587 ug/ml
17) T n-Tricontane (C30)	17.856	1615156	19.089 ug/ml
18) T n-Dotriacontane (C32)	18.690	1647688	19.129 ug/ml
19) T n-Tetratriacontane (C34)	19.473	1584702	18.600 ug/ml
20) T n-Hexatriacontane (C36)	20.214	1550538	18.040 ug/ml
21) T n-Octatriacontane (C38)	20.984	1488086	17.740 ug/ml
22) T n-Tetracontane (C40)	21.960	1458079	17.791 ug/ml

(f)=RT Delta > 1/2 Window

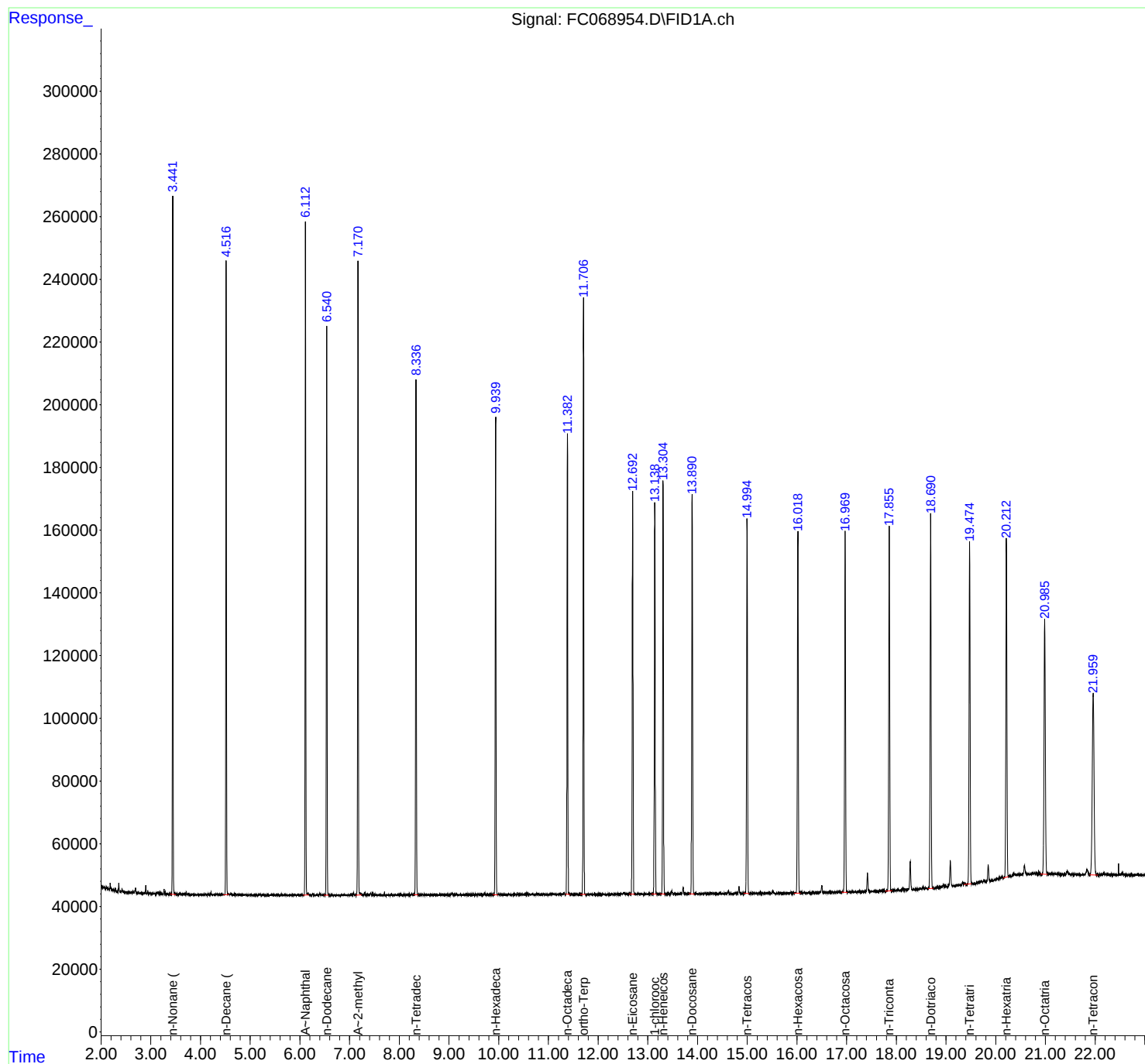
(m)=manual int.

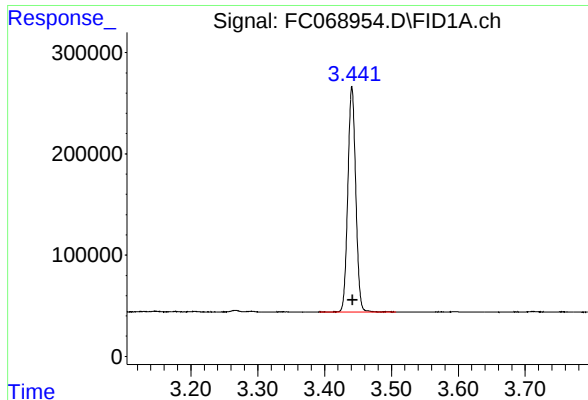
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052125AL\
Data File : FC068954.D
Signal(s) : FID1A.ch
Acq On : 21 May 2025 08:46
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: May 21 11:27:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
Quant Title : GC Extractables
QLast Update : Wed May 07 08:52:03 2025
Response via : Initial Calibration
Integrator: ChemStation

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

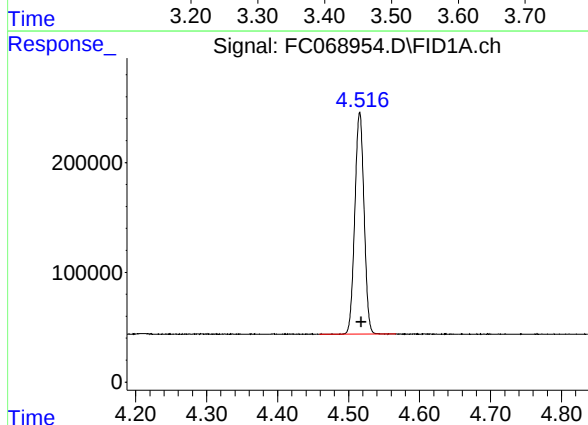




#1 n-Nonane (C9)

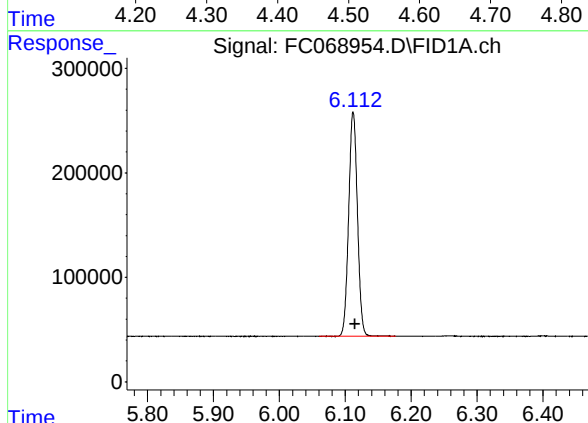
R.T.: 3.441 min
Delta R.T.: -0.001 min
Response: 1831993
Conc: 18.21 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



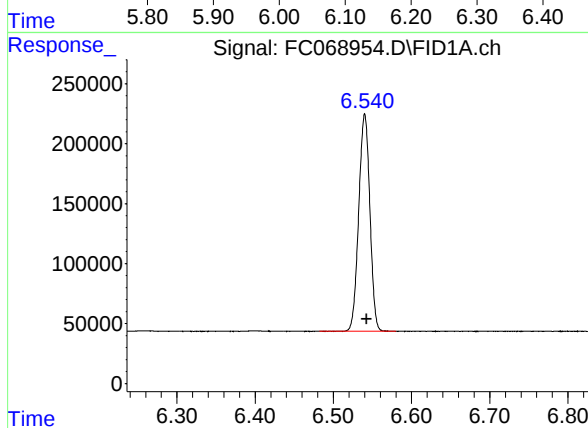
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: -0.002 min
Response: 1829273
Conc: 18.36 ug/ml



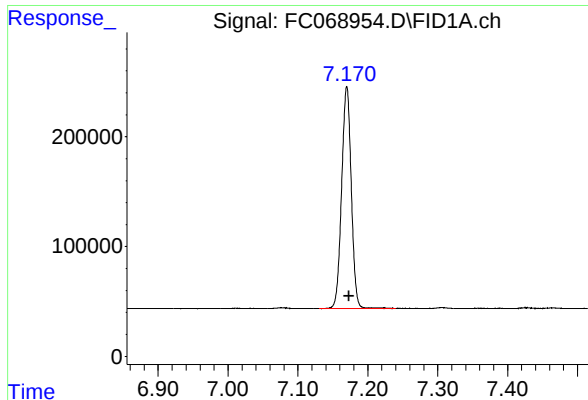
#3 A~Naphthalene (C11.7)

R.T.: 6.112 min
Delta R.T.: -0.003 min
Response: 1982563
Conc: 17.98 ug/ml



#4 n-Dodecane (C12)

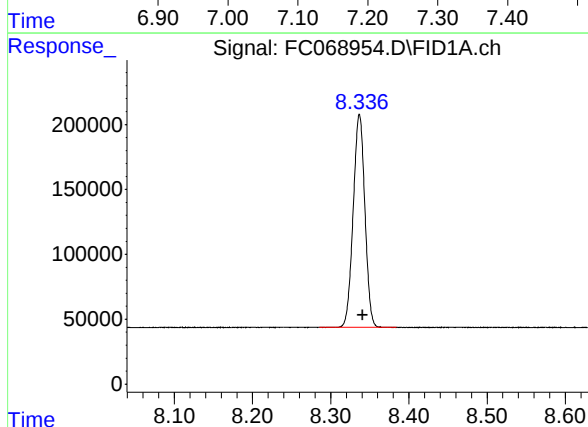
R.T.: 6.540 min
Delta R.T.: -0.003 min
Response: 1795249
Conc: 18.47 ug/ml



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

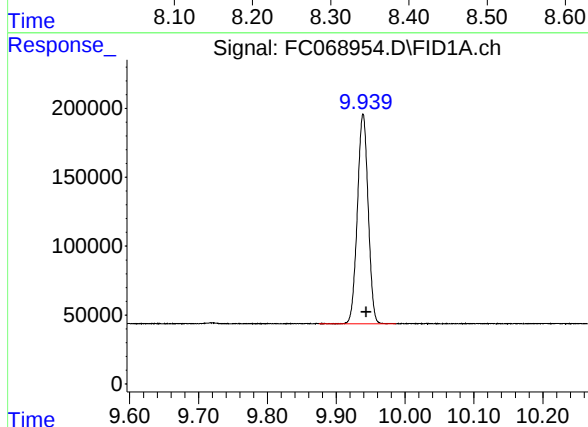
R.T.: 7.170 min
Delta R.T.: -0.003 min
Response: 1935797
Conc: 18.04 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



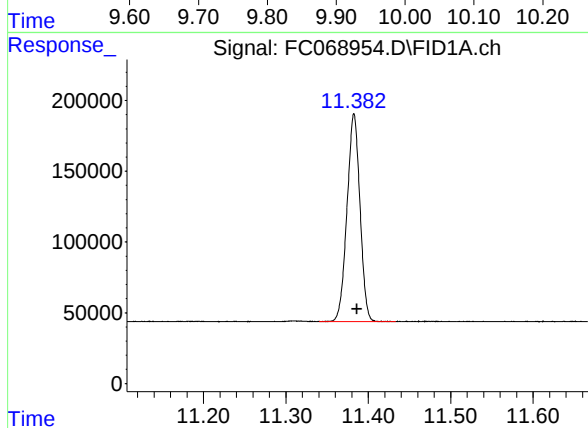
#6 n-Tetradecane (C14)

R.T.: 8.337 min
Delta R.T.: -0.004 min
Response: 1706093
Conc: 18.46 ug/ml



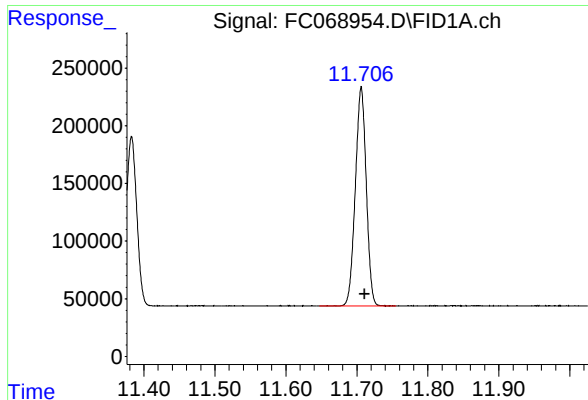
#7 n-Hexadecane (C16)

R.T.: 9.939 min
Delta R.T.: -0.005 min
Response: 1651205
Conc: 18.44 ug/ml



#8 n-Octadecane (C18)

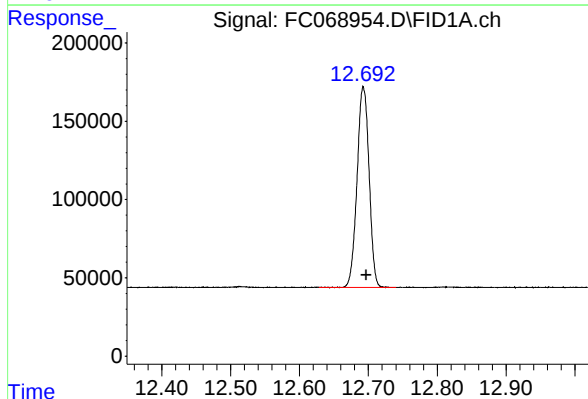
R.T.: 11.383 min
Delta R.T.: -0.004 min
Response: 1602193
Conc: 18.27 ug/ml



#9 ortho-Terphenyl (SURR)

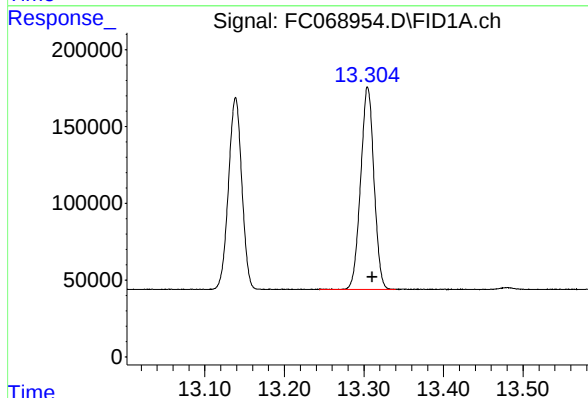
R.T.: 11.706 min
Delta R.T.: -0.005 min
Response: 2025754
Conc: 17.75 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



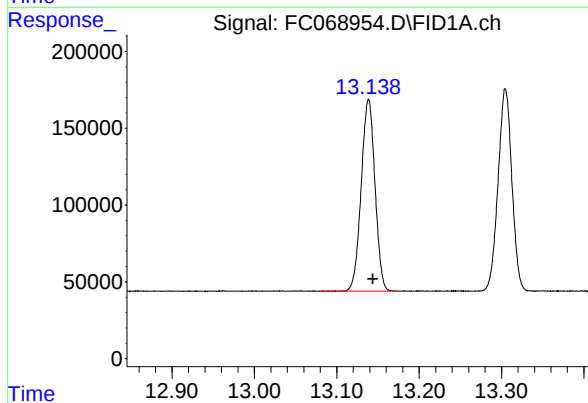
#10 n-Eicosane (C20)

R.T.: 12.693 min
Delta R.T.: -0.004 min
Response: 1551988
Conc: 18.21 ug/ml



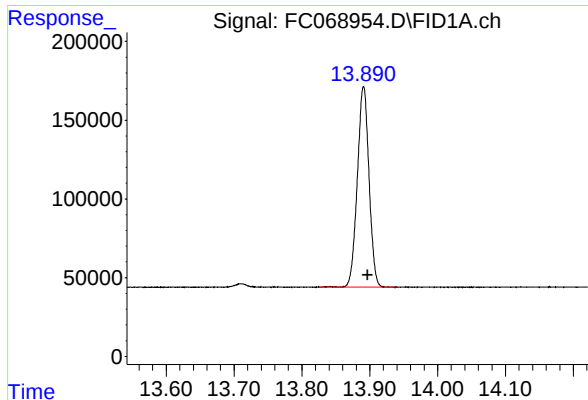
#11 n-Heneicosane (C21)

R.T.: 13.305 min
Delta R.T.: -0.005 min
Response: 1534865
Conc: 18.20 ug/ml



#12 1-chlorooctadecane (SURR)

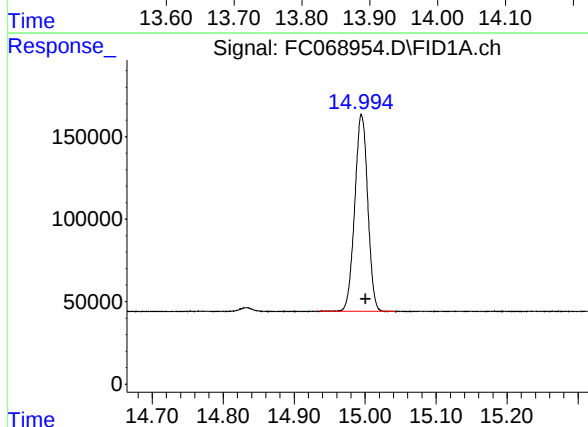
R.T.: 13.139 min
Delta R.T.: -0.005 min
Response: 1452924
Conc: 18.11 ug/ml



#13 n-Docosane (C22)

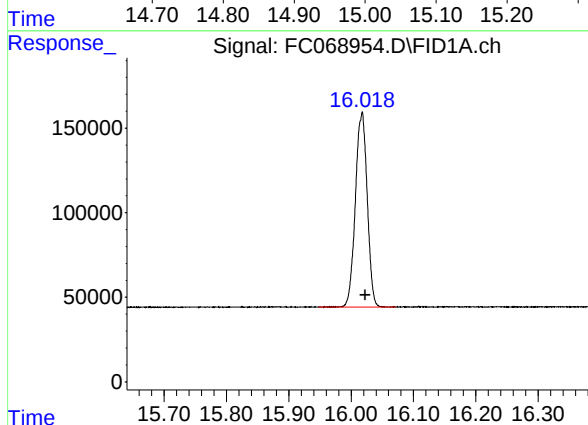
R.T.: 13.891 min
Delta R.T.: -0.006 min
Response: 1524422
Conc: 18.22 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



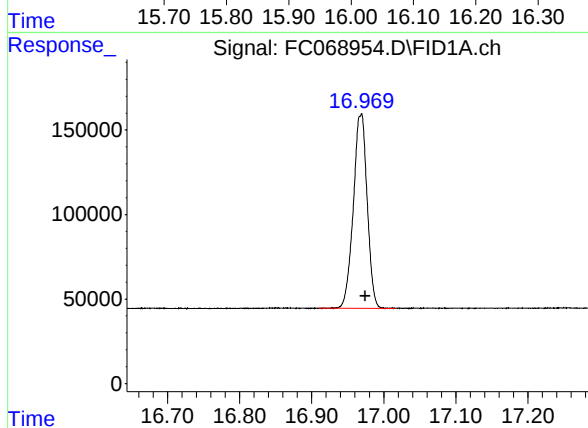
#14 n-Tetracosane (C24)

R.T.: 14.995 min
Delta R.T.: -0.006 min
Response: 1519976
Conc: 18.27 ug/ml



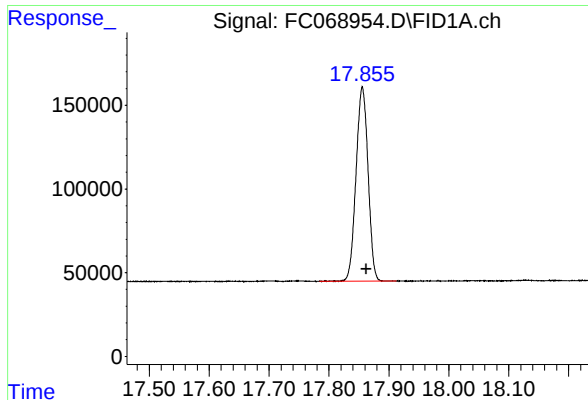
#15 n-Hexacosane (C26)

R.T.: 16.017 min
Delta R.T.: -0.006 min
Response: 1519290
Conc: 18.34 ug/ml



#16 n-Octacosane (C28)

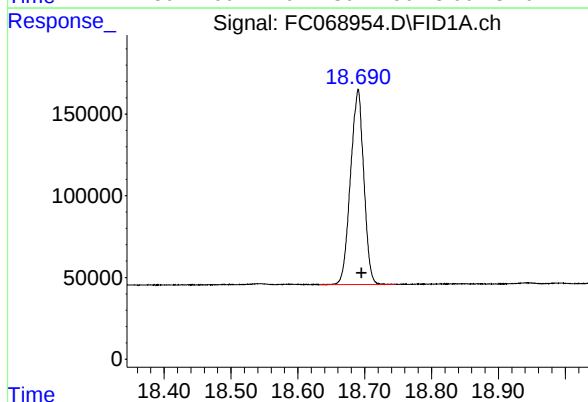
R.T.: 16.968 min
Delta R.T.: -0.006 min
Response: 1536110
Conc: 18.59 ug/ml



#17 n-Tricontane (C30)

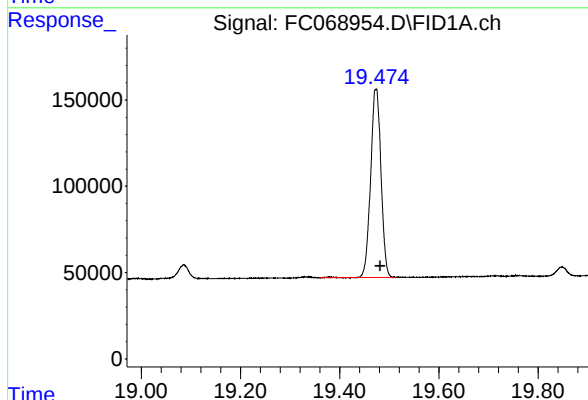
R.T.: 17.856 min
Delta R.T.: -0.007 min
Response: 1615156
Conc: 19.09 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



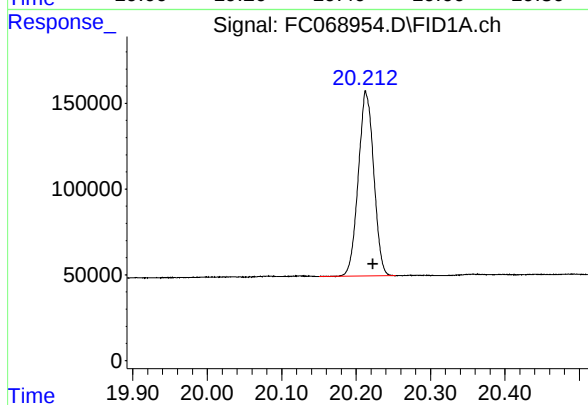
#18 n-Dotriacontane (C32)

R.T.: 18.690 min
Delta R.T.: -0.006 min
Response: 1647688
Conc: 19.13 ug/ml



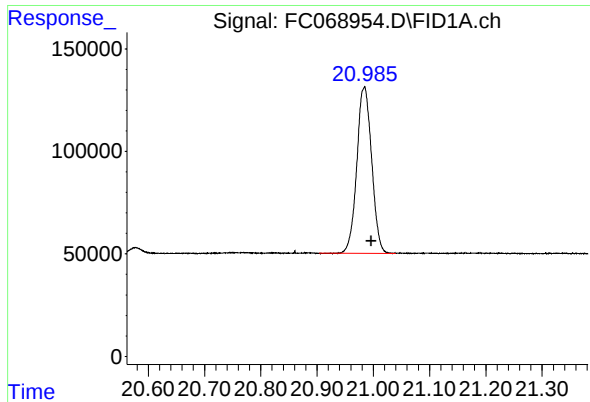
#19 n-Tetatriacontane (C34)

R.T.: 19.473 min
Delta R.T.: -0.008 min
Response: 1584702
Conc: 18.60 ug/ml



#20 n-Hexatriacontane (C36)

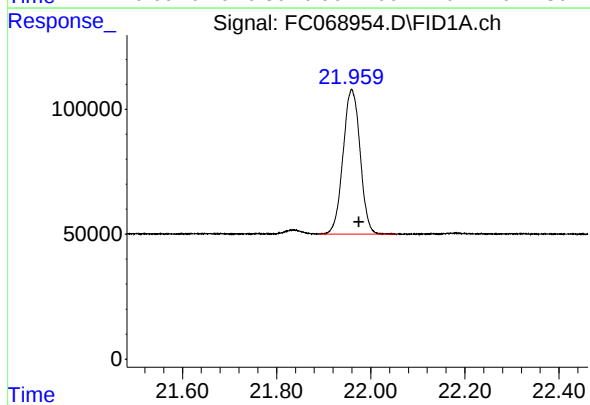
R.T.: 20.214 min
Delta R.T.: -0.009 min
Response: 1550538
Conc: 18.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.984 min
Delta R.T.: -0.013 min
Response: 1488086
Conc: 17.74 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.960 min
Delta R.T.: -0.016 min
Response: 1458079
Conc: 17.79 ug/ml