

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051325AL\
 Data File : FC068859.D
 Signal(s) : FID1A.ch
 Acq On : 13 May 2025 22:06
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 14 03:14:37 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	2085226	18.269 ug/ml
Spiked Amount 50.000		Recovery =	36.54%
12) S 1-chlorooctadecane (S...	13.138	1545155	19.260 ug/ml
Spiked Amount 50.000		Recovery =	38.52%
Target Compounds			
1) T n-Nonane (C9)	3.439	1657381	16.478 ug/ml
2) T n-Decane (C10)	4.515	1709025	17.152 ug/ml
3) T A~Naphthalene (C11.7)	6.111	1864773	16.912 ug/ml
4) T n-Dodecane (C12)	6.540	1717490	17.674 ug/ml
5) T A~2-methylnaphthalene...	7.170	1849536	17.232 ug/ml
6) T n-Tetradecane (C14)	8.337	1699927	18.393 ug/ml
7) T n-Hexadecane (C16)	9.938	1709675	19.093 ug/ml
8) T n-Octadecane (C18)	11.382	1696923	19.345 ug/ml
10) T n-Eicosane (C20)	12.692	1661903	19.502 ug/ml
11) T n-Heneicosane (C21)	13.305	1645179	19.505 ug/ml
13) T n-Docosane (C22)	13.891	1642057	19.628 ug/ml
14) T n-Tetracosane (C24)	14.995	1648699	19.814 ug/ml
15) T n-Hexacosane (C26)	16.016	1650111	19.916 ug/ml
16) T n-Octacosane (C28)	16.967	1750104	21.176 ug/ml
17) T n-Tricontane (C30)	17.856	1999188	23.628 ug/ml
18) T n-Dotriacontane (C32)	18.689	2103475	24.421 ug/ml
19) T n-Tetratriacontane (C34)	19.473	1976782	23.202 ug/ml
20) T n-Hexatriacontane (C36)	20.215	1886517	21.949 ug/ml
21) T n-Octatriacontane (C38)	20.987	1796812	21.420 ug/ml
22) T n-Tetracontane (C40)	21.961	1745062	21.293 ug/ml

(f)=RT Delta > 1/2 Window

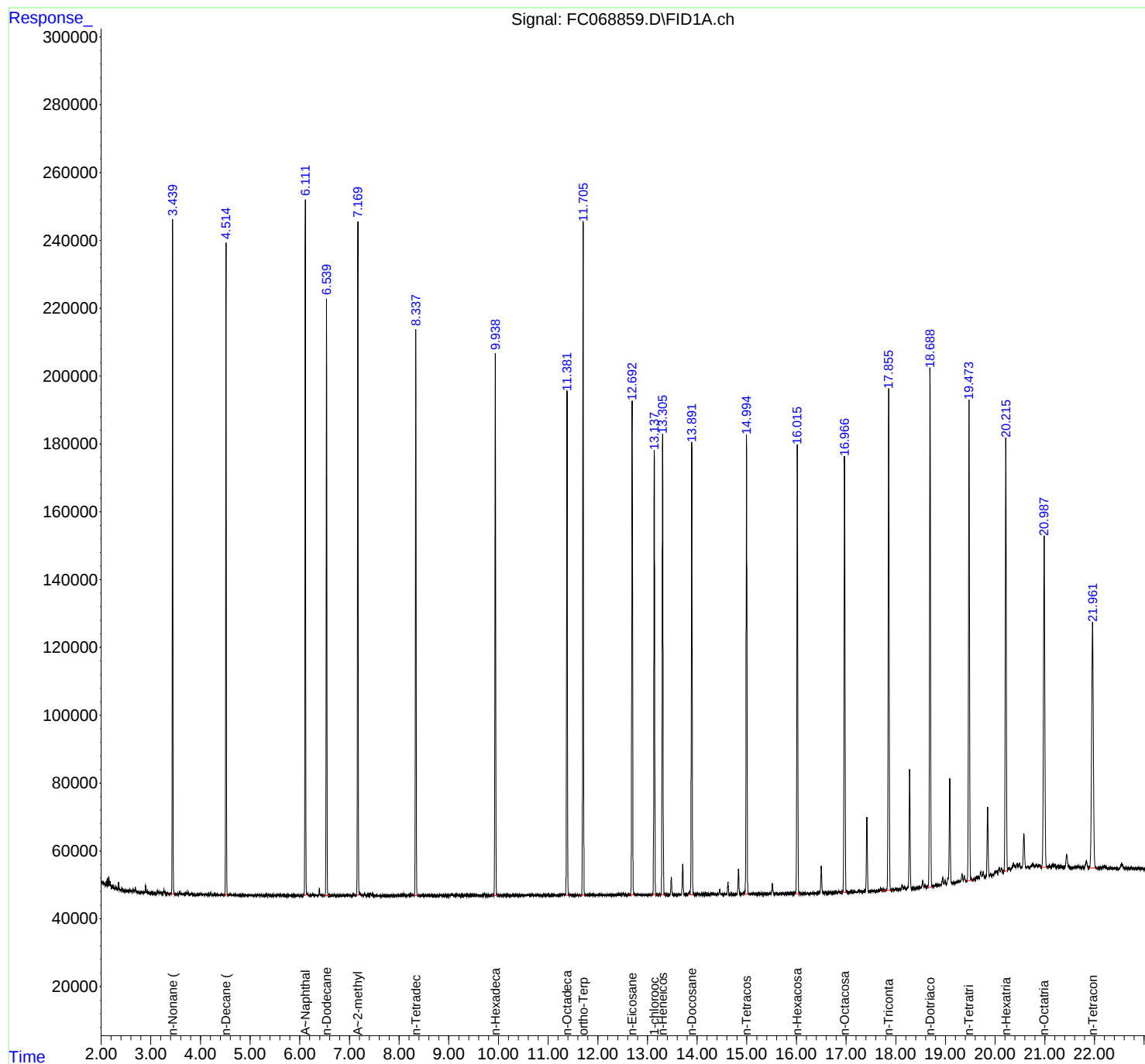
(m)=manual int.

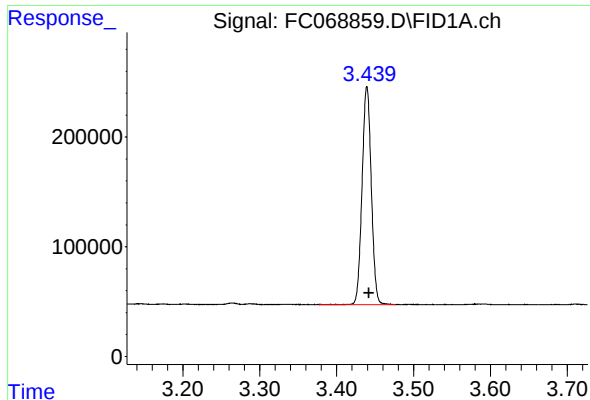
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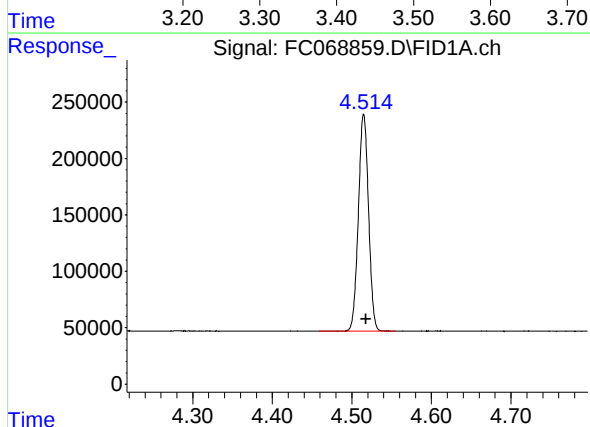




#1 n-Nonane (C9)

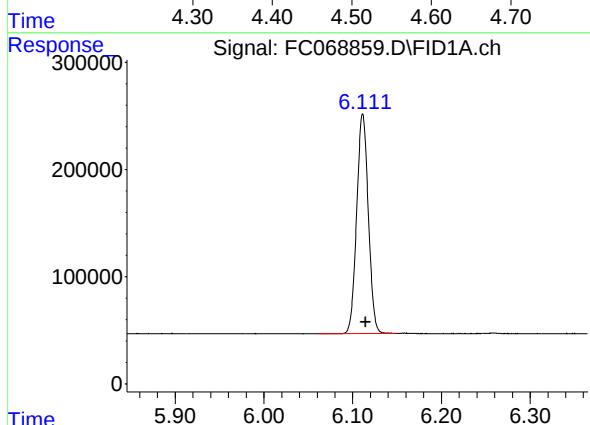
R.T.: 3.439 min
Delta R.T.: -0.003 min
Response: 1657381
Conc: 16.48 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



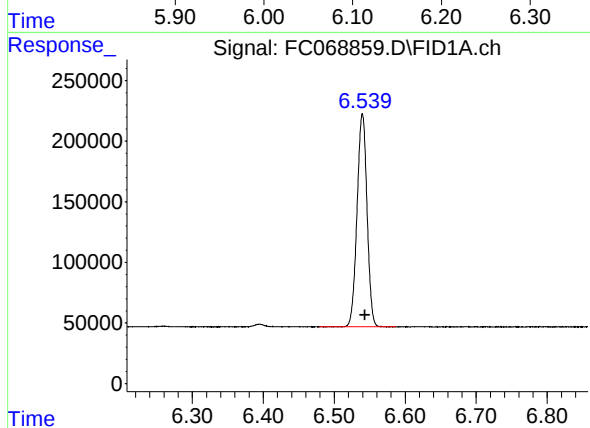
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: -0.003 min
Response: 1709025
Conc: 17.15 ug/ml



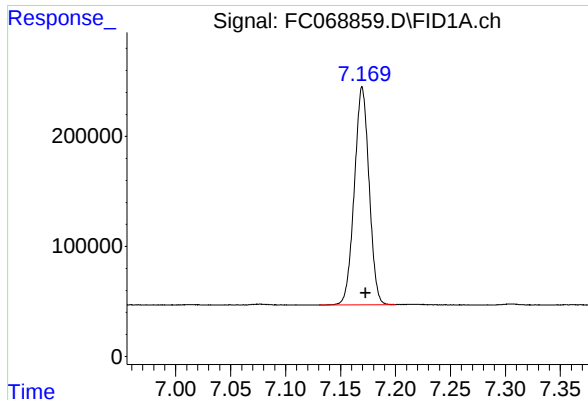
#3 A~Naphthalene (C11.7)

R.T.: 6.111 min
Delta R.T.: -0.003 min
Response: 1864773
Conc: 16.91 ug/ml



#4 n-Dodecane (C12)

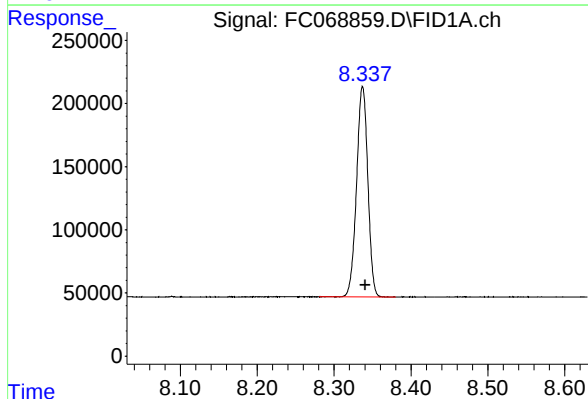
R.T.: 6.540 min
Delta R.T.: -0.003 min
Response: 1717490
Conc: 17.67 ug/ml



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

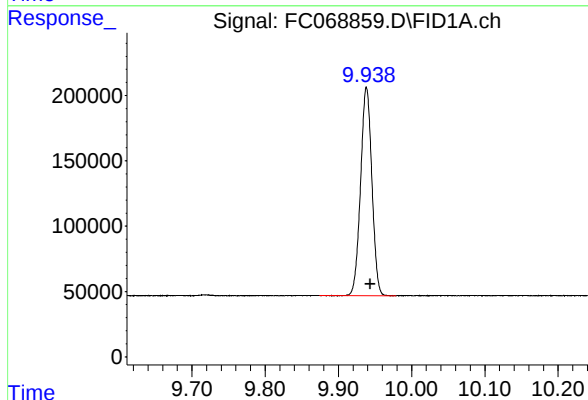
R.T.: 7.170 min
Delta R.T.: -0.003 min
Response: 1849536
Conc: 17.23 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



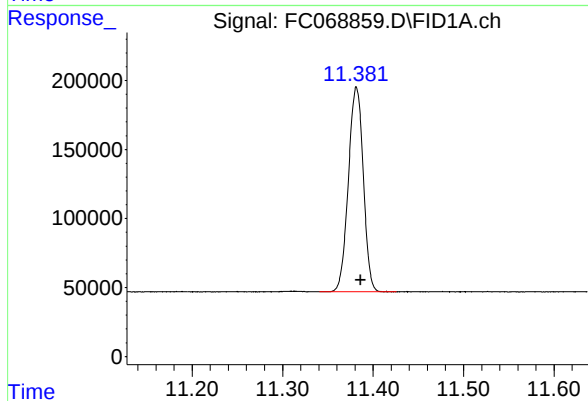
#6 n-Tetradecane (C14)

R.T.: 8.337 min
Delta R.T.: -0.004 min
Response: 1699927
Conc: 18.39 ug/ml



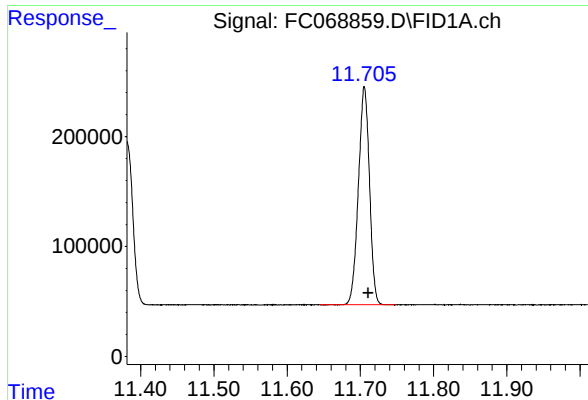
#7 n-Hexadecane (C16)

R.T.: 9.938 min
Delta R.T.: -0.005 min
Response: 1709675
Conc: 19.09 ug/ml



#8 n-Octadecane (C18)

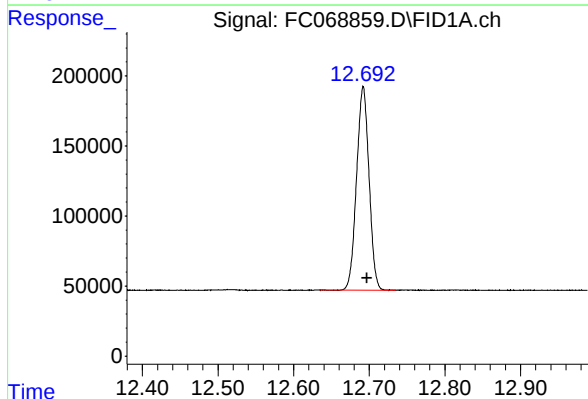
R.T.: 11.382 min
Delta R.T.: -0.005 min
Response: 1696923
Conc: 19.35 ug/ml



#9 ortho-Terphenyl (SURR)

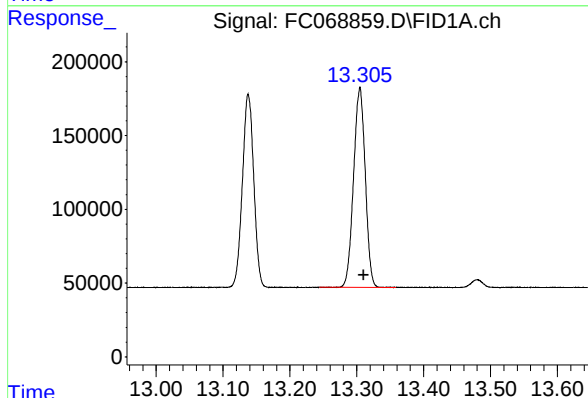
R.T.: 11.706 min
Delta R.T.: -0.005 min
Response: 2085226
Conc: 18.27 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



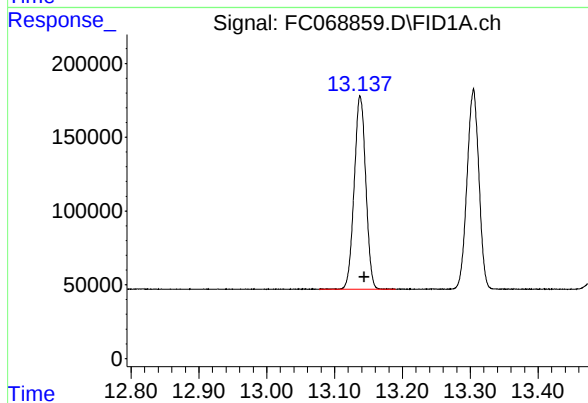
#10 n-Eicosane (C20)

R.T.: 12.692 min
Delta R.T.: -0.005 min
Response: 1661903
Conc: 19.50 ug/ml



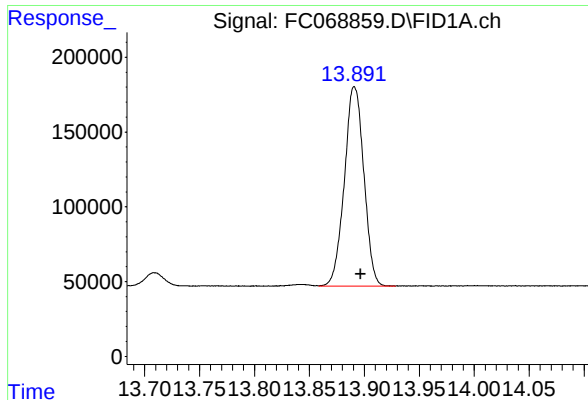
#11 n-Heneicosane (C21)

R.T.: 13.305 min
Delta R.T.: -0.006 min
Response: 1645179
Conc: 19.51 ug/ml



#12 1-chlorooctadecane (SURR)

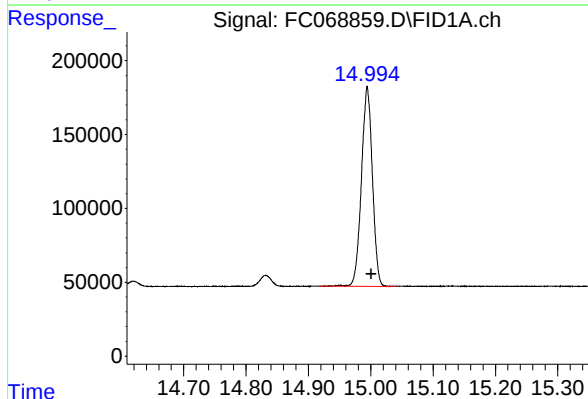
R.T.: 13.138 min
Delta R.T.: -0.006 min
Response: 1545155
Conc: 19.26 ug/ml



#13 n-Docosane (C22)

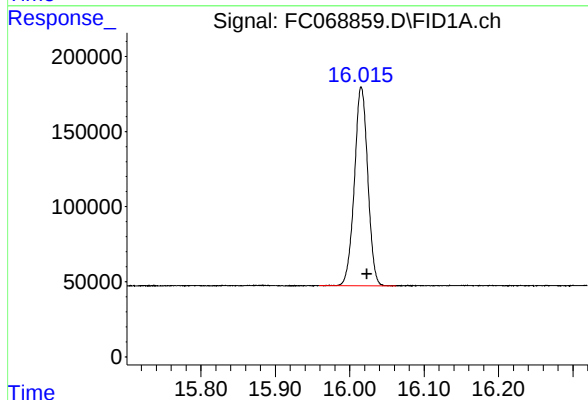
R.T.: 13.891 min
Delta R.T.: -0.006 min
Response: 1642057
Conc: 19.63 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



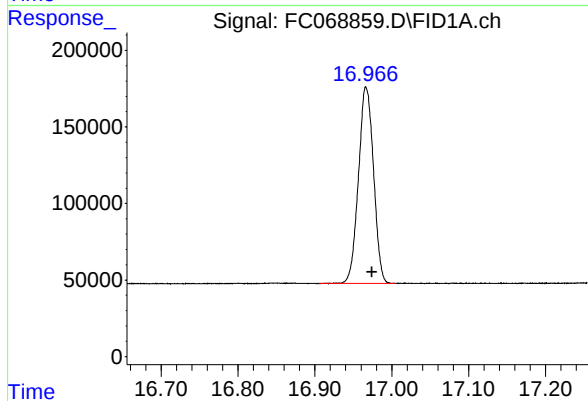
#14 n-Tetracosane (C24)

R.T.: 14.995 min
Delta R.T.: -0.006 min
Response: 1648699
Conc: 19.81 ug/ml



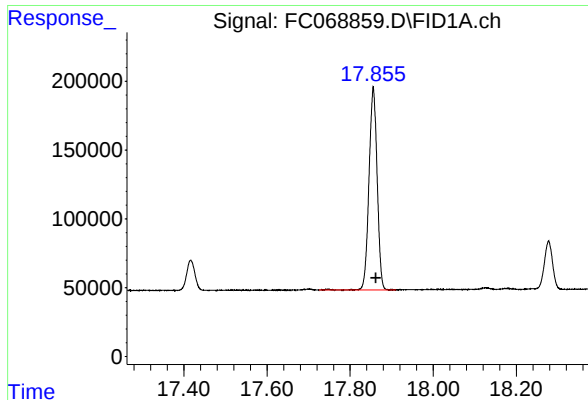
#15 n-Hexacosane (C26)

R.T.: 16.016 min
Delta R.T.: -0.008 min
Response: 1650111
Conc: 19.92 ug/ml



#16 n-Octacosane (C28)

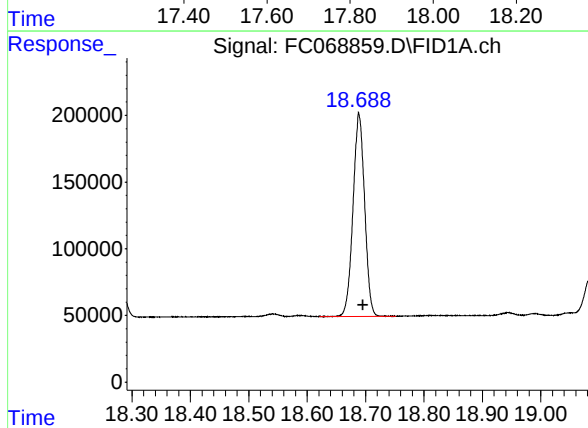
R.T.: 16.967 min
Delta R.T.: -0.007 min
Response: 1750104
Conc: 21.18 ug/ml



#17 n-Tricontane (C30)

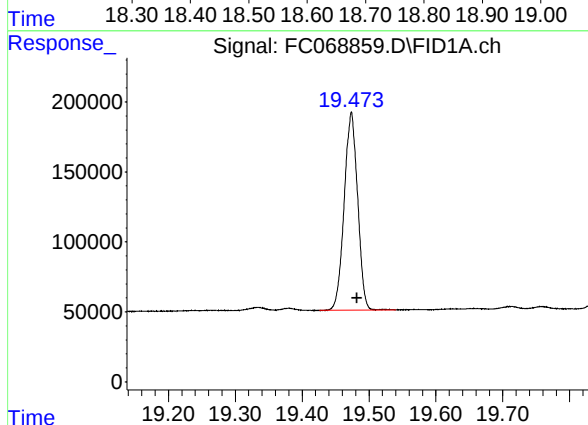
R.T.: 17.856 min
Delta R.T.: -0.007 min
Response: 199918
Conc: 23.63 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



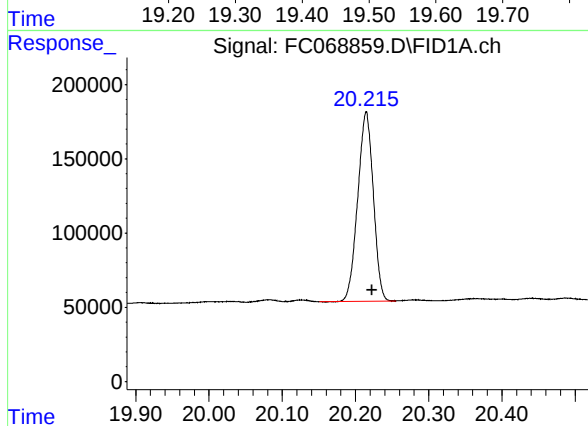
#18 n-Dotriacontane (C32)

R.T.: 18.689 min
Delta R.T.: -0.007 min
Response: 210347
Conc: 24.42 ug/ml



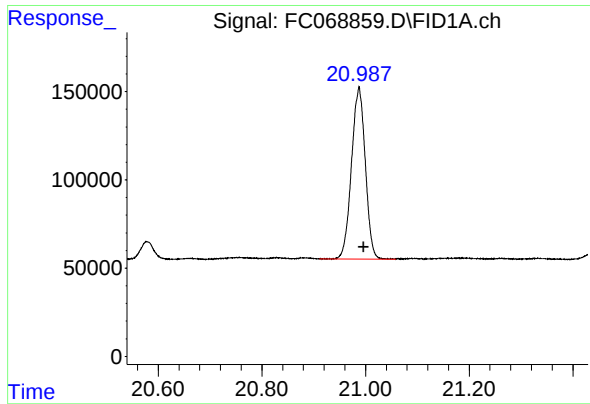
#19 n-Tetatriacontane (C34)

R.T.: 19.473 min
Delta R.T.: -0.008 min
Response: 197678
Conc: 23.20 ug/ml



#20 n-Hexatriacontane (C36)

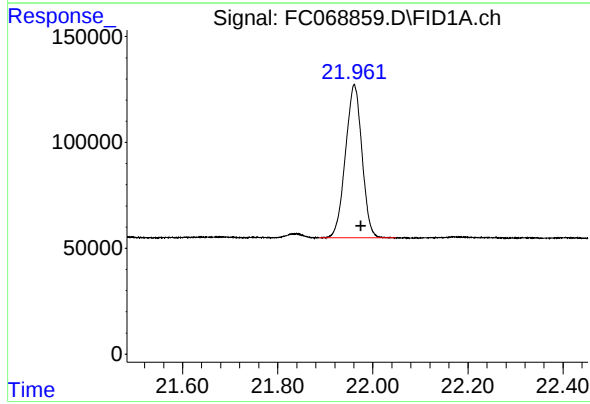
R.T.: 20.215 min
Delta R.T.: -0.008 min
Response: 188651
Conc: 21.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.987 min
Delta R.T.: -0.009 min
Response: 1796812
Conc: 21.42 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.961 min
Delta R.T.: -0.014 min
Response: 1745062
Conc: 21.29 ug/ml