

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052825AL\
 Data File : FC069023.D
 Signal(s) : FID1A.ch
 Acq On : 28 May 2025 09:08
 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 28 16:21:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 01:48:55 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)	11.705	2476839	20.081 ug/ml
Spiked Amount 50.000		Recovery =	40.16%
12) S 1-chlorooctadecane (S...	13.138	1806974	20.142 ug/ml
Spiked Amount 50.000		Recovery =	40.28%
Target Compounds			
1) T n-Nonane (C9)	3.439	2129352	20.065 ug/ml
2) T n-Decane (C10)	4.514	2133599	20.146 ug/ml
3) T A~Naphthalene (C11.7)	6.110	2333888	20.183 ug/ml
4) T n-Dodecane (C12)	6.538	2111658	20.088 ug/ml
5) T A~2-methylnaphthalene...	7.168	2289052	20.191 ug/ml
6) T n-Tetradecane (C14)	8.336	2057740	20.075 ug/ml
7) T n-Hexadecane (C16)	9.938	2034795	20.054 ug/ml
8) T n-Octadecane (C18)	11.381	2010296	20.114 ug/ml
10) T n-Eicosane (C20)	12.691	1964237	20.167 ug/ml
11) T n-Heneicosane (C21)	13.304	1930639	20.058 ug/ml
13) T n-Docosane (C22)	13.891	1943961	20.405 ug/ml
14) T n-Tetracosane (C24)	14.994	1986277	21.096 ug/ml
15) T n-Hexacosane (C26)	16.016	1985645	21.387 ug/ml
16) T n-Octacosane (C28)	16.966	2012244	21.648 ug/ml
17) T n-Tricontane (C30)	17.856	2082769	21.526 ug/ml
18) T n-Dotriacontane (C32)	18.689	2114826	21.341 ug/ml
19) T n-Tetratriacontane (C34)	19.474	1992937	20.678 ug/ml
20) T n-Hexatriacontane (C36)	20.215	1940178	20.438 ug/ml
21) T n-Octatriacontane (C38)	20.987	1849380	20.271 ug/ml
22) T n-Tetracontane (C40)	21.960	1803370	20.438 ug/ml

(f)=RT Delta > 1/2 Window

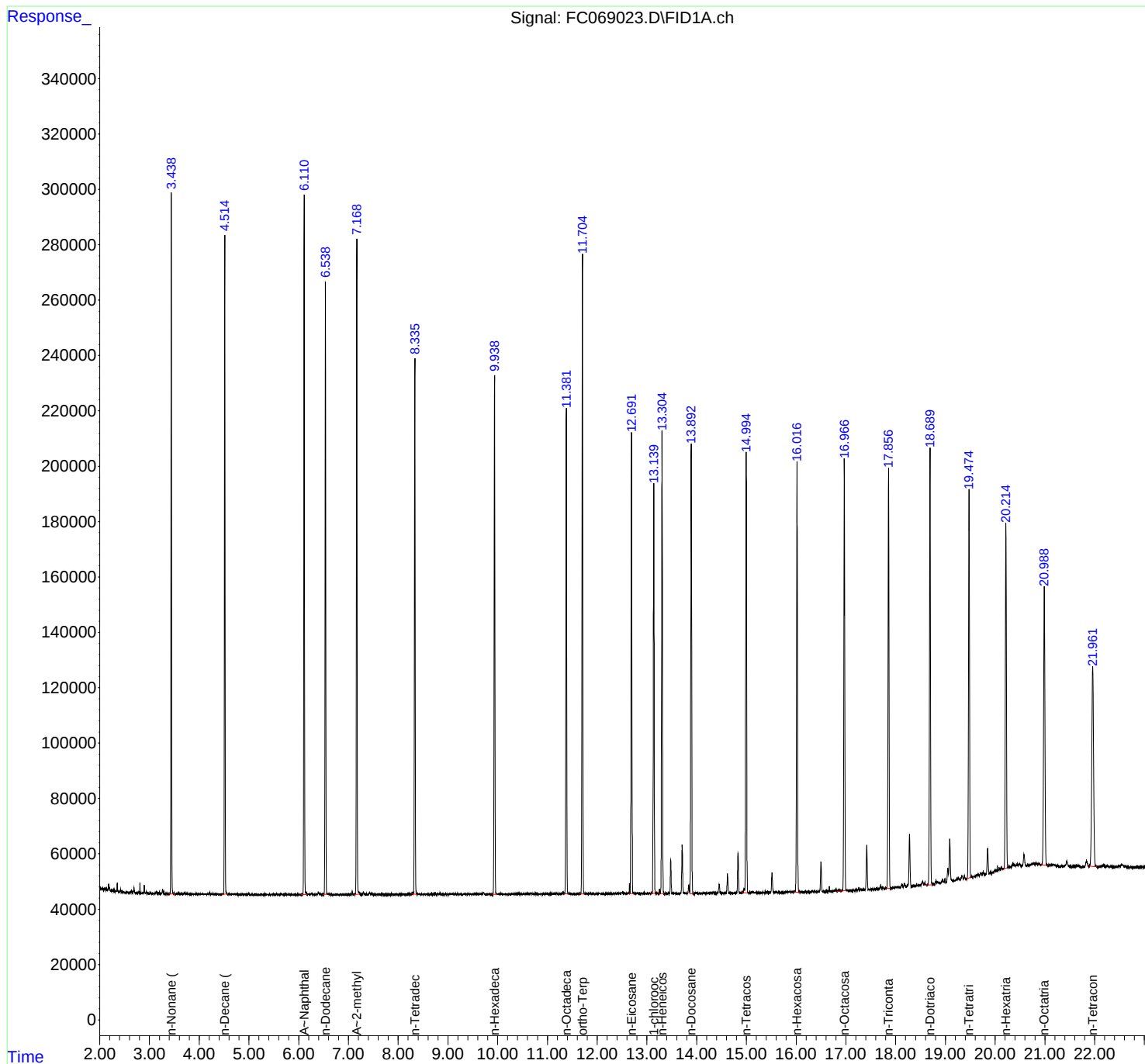
(m)=manual int.

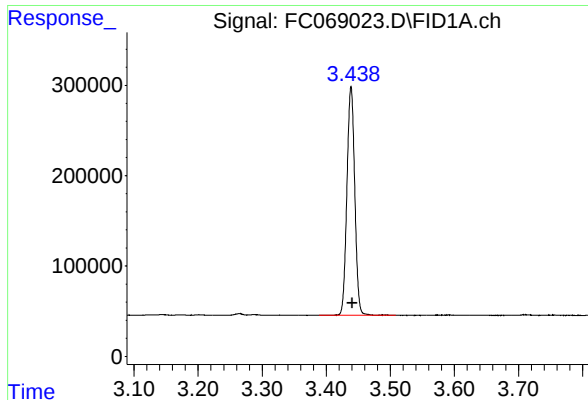
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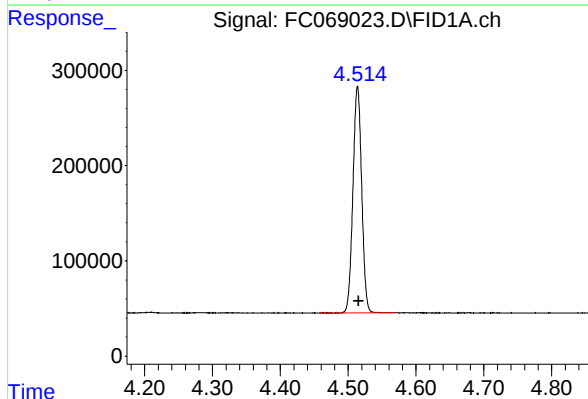




#1 n-Nonane (C9)

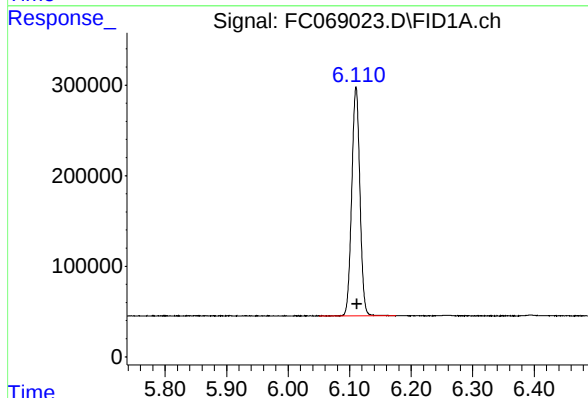
R.T.: 3.439 min
Delta R.T.: -0.002 min
Response: 2129352
Conc: 20.06 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



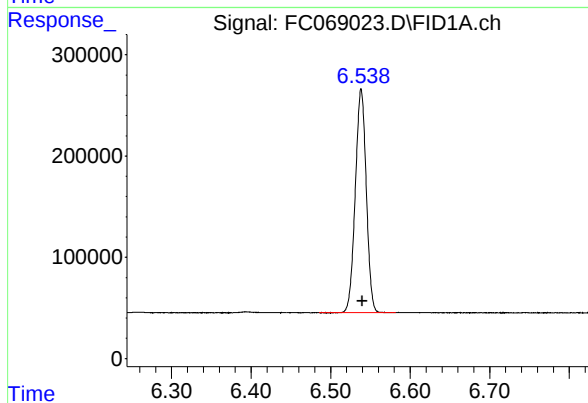
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: -0.002 min
Response: 2133599
Conc: 20.15 ug/ml



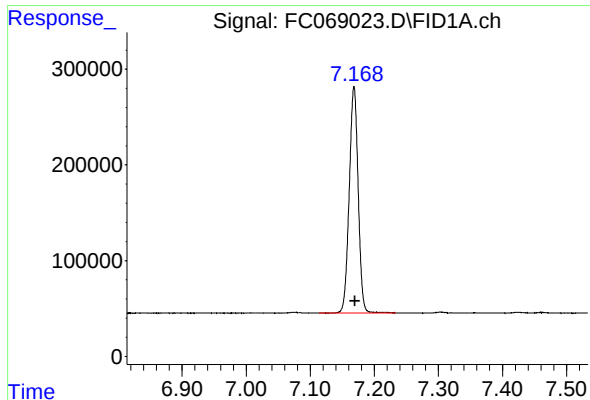
#3 A~Naphthalene (C11.7)

R.T.: 6.110 min
Delta R.T.: -0.002 min
Response: 2333888
Conc: 20.18 ug/ml



#4 n-Dodecane (C12)

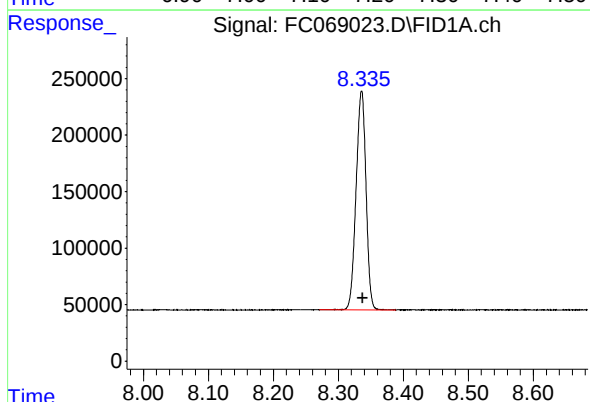
R.T.: 6.538 min
Delta R.T.: -0.001 min
Response: 2111658
Conc: 20.09 ug/ml



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

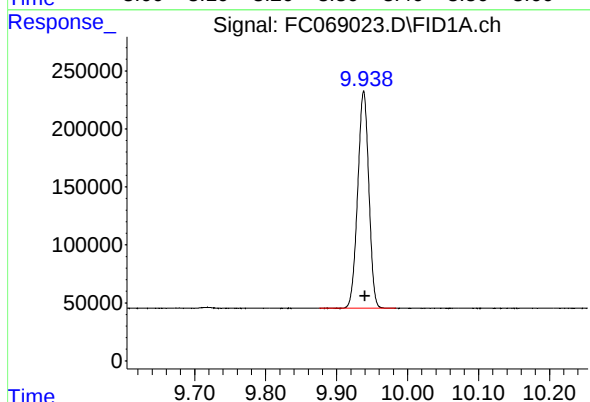
R.T.: 7.168 min
Delta R.T.: -0.002 min
Response: 2289052
Conc: 20.19 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



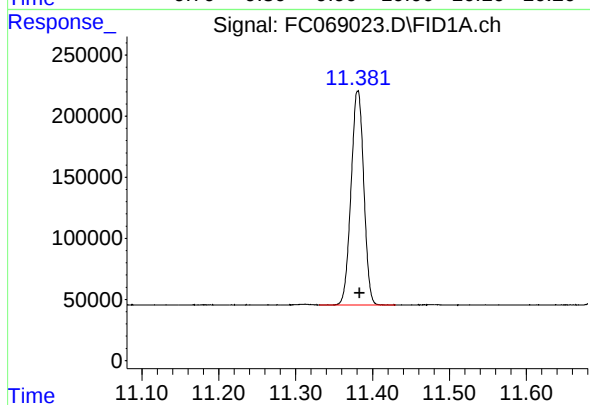
#6 n-Tetradecane (C14)

R.T.: 8.336 min
Delta R.T.: -0.002 min
Response: 2057740
Conc: 20.07 ug/ml



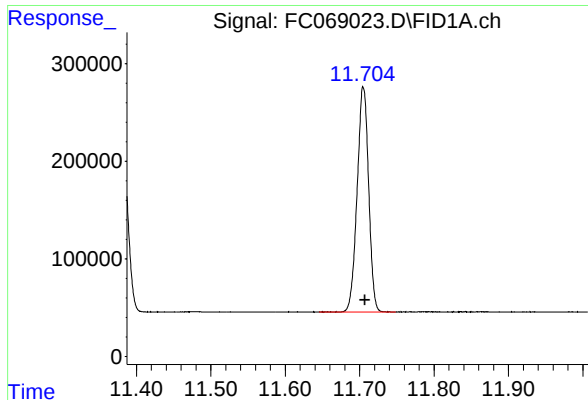
#7 n-Hexadecane (C16)

R.T.: 9.938 min
Delta R.T.: -0.002 min
Response: 2034795
Conc: 20.05 ug/ml



#8 n-Octadecane (C18)

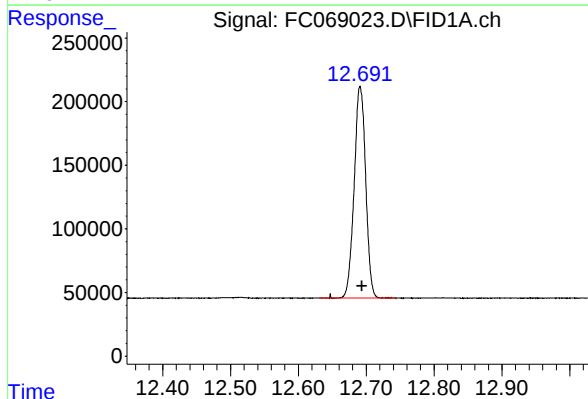
R.T.: 11.381 min
Delta R.T.: -0.002 min
Response: 2010296
Conc: 20.11 ug/ml



#9 ortho-Terphenyl (SURR)

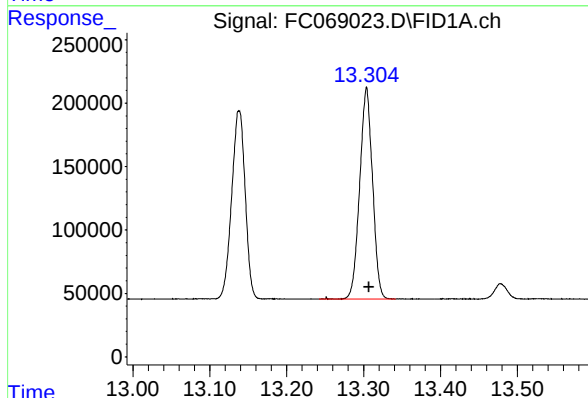
R.T.: 11.705 min
Delta R.T.: -0.002 min
Response: 2476839
Conc: 20.08 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



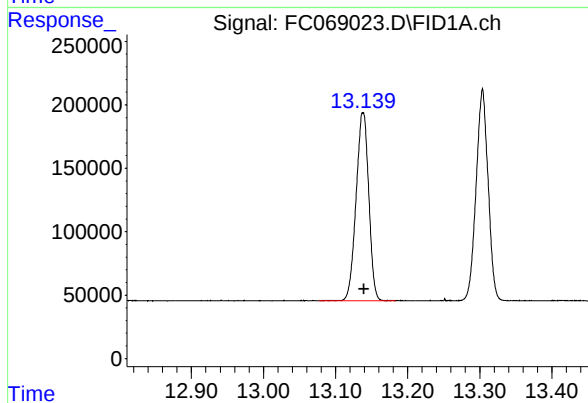
#10 n-Eicosane (C20)

R.T.: 12.691 min
Delta R.T.: -0.002 min
Response: 1964237
Conc: 20.17 ug/ml



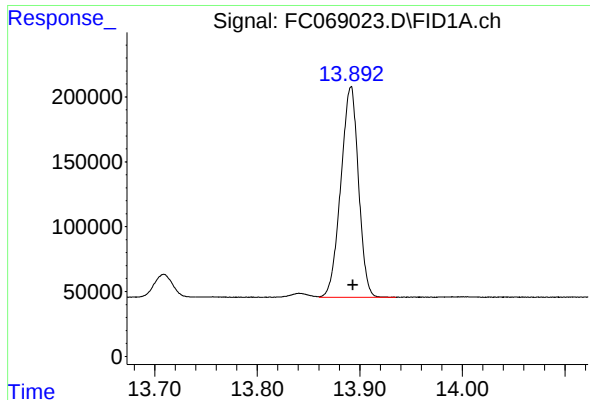
#11 n-Heneicosane (C21)

R.T.: 13.304 min
Delta R.T.: -0.003 min
Response: 1930639
Conc: 20.06 ug/ml



#12 1-chlorooctadecane (SURR)

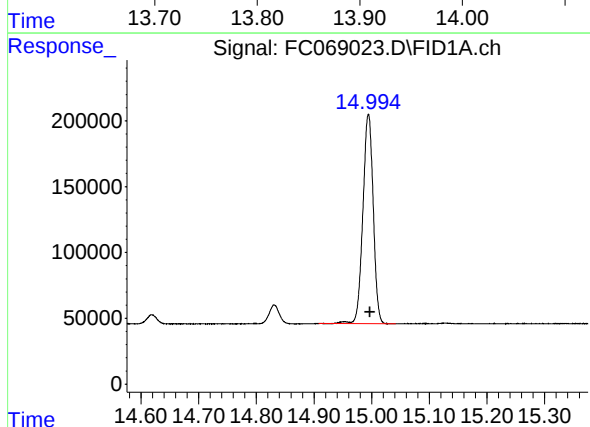
R.T.: 13.138 min
Delta R.T.: -0.001 min
Response: 1806974
Conc: 20.14 ug/ml



#13 n-Docosane (C22)

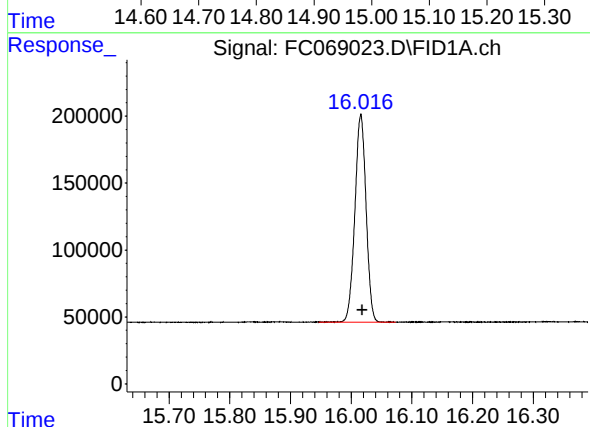
R.T.: 13.891 min
Delta R.T.: -0.002 min
Response: 1943961
Conc: 20.41 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



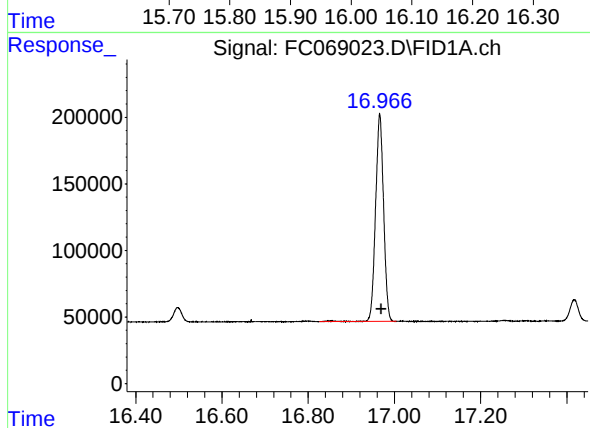
#14 n-Tetracosane (C24)

R.T.: 14.994 min
Delta R.T.: -0.003 min
Response: 1986277
Conc: 21.10 ug/ml



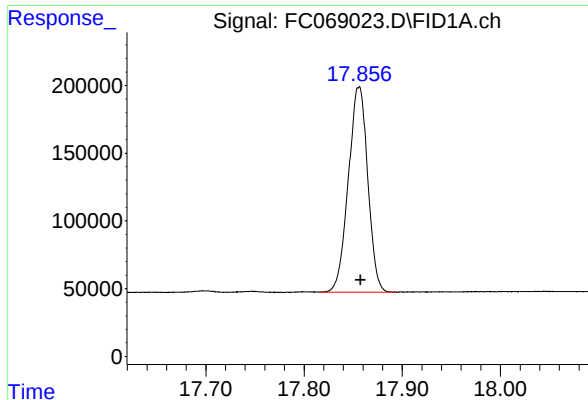
#15 n-Hexacosane (C26)

R.T.: 16.016 min
Delta R.T.: -0.003 min
Response: 1985645
Conc: 21.39 ug/ml



#16 n-Octacosane (C28)

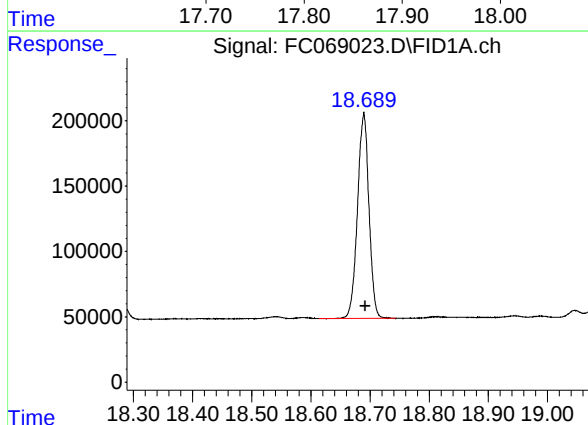
R.T.: 16.966 min
Delta R.T.: -0.004 min
Response: 2012244
Conc: 21.65 ug/ml



#17 n-Tricontane (C30)

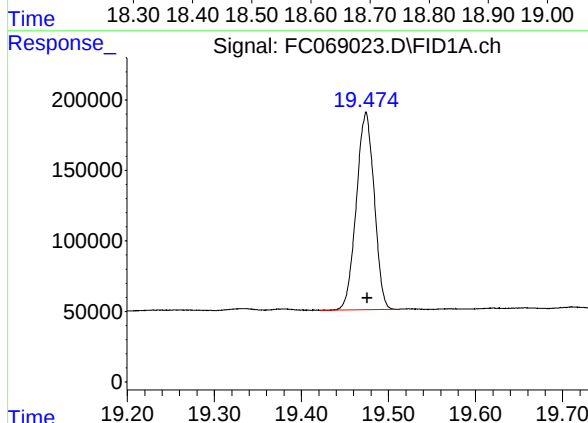
R.T.: 17.856 min
Delta R.T.: -0.002 min
Response: 2082769
Conc: 21.53 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



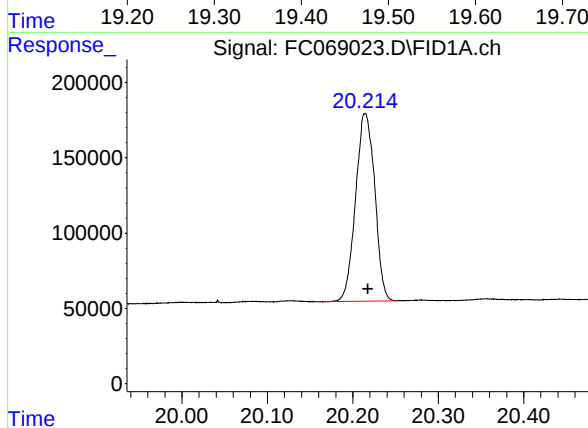
#18 n-Dotriacontane (C32)

R.T.: 18.689 min
Delta R.T.: -0.003 min
Response: 2114826
Conc: 21.34 ug/ml



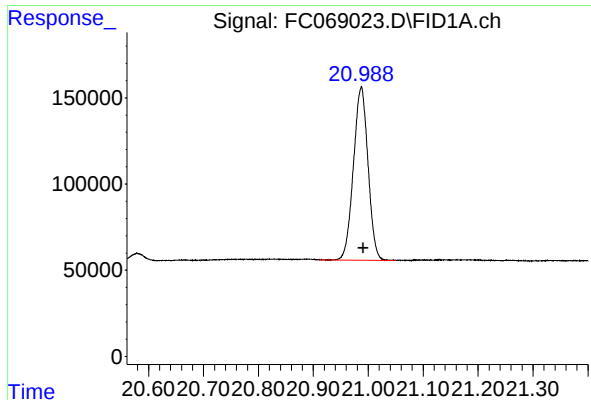
#19 n-Tetratriacontane (C34)

R.T.: 19.474 min
Delta R.T.: -0.002 min
Response: 1992937
Conc: 20.68 ug/ml



#20 n-Hexatriacontane (C36)

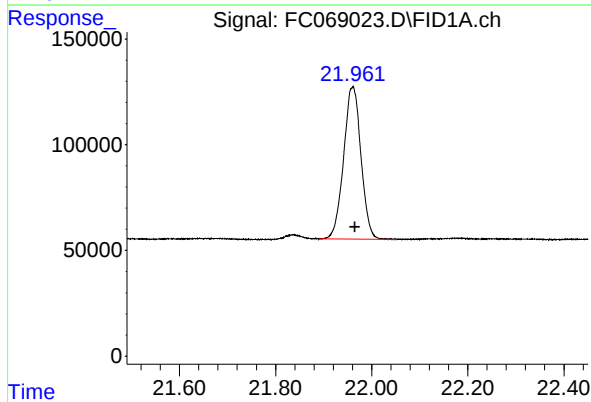
R.T.: 20.215 min
Delta R.T.: -0.003 min
Response: 1940178
Conc: 20.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.987 min
Delta R.T.: -0.004 min
Response: 1849380
Conc: 20.27 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.960 min
Delta R.T.: -0.005 min
Response: 1803370
Conc: 20.44 ug/ml