

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050225AL\
 Data File : FC068742.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2025 10:53
 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 03 00:39:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 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)	11.715	2595922	20.386 ug/ml
Spiked Amount 50.000		Recovery =	40.77%
12) S 1-chlorooctadecane (S...	13.148	1892024	20.368 ug/ml
Spiked Amount 50.000		Recovery =	40.74%
Target Compounds			
1) T n-Nonane (C9)	3.443	2147084	20.386 ug/ml
2) T n-Decane (C10)	4.519	2170960	20.605 ug/ml
3) T A~Naphthalene (C11.7)	6.117	2370654	20.356 ug/ml
4) T n-Dodecane (C12)	6.545	2170305	20.638 ug/ml
5) T A~2-methylnaphthalene...	7.175	2332952	20.199 ug/ml
6) T n-Tetradecane (C14)	8.343	2131982	20.738 ug/ml
7) T n-Hexadecane (C16)	9.946	2129851	20.913 ug/ml
8) T n-Octadecane (C18)	11.390	2110467	20.972 ug/ml
10) T n-Eicosane (C20)	12.702	2051786	20.860 ug/ml
11) T n-Heneicosane (C21)	13.315	2023426	20.762 ug/ml
13) T n-Docosane (C22)	13.902	2004959	20.756 ug/ml
14) T n-Tetracosane (C24)	15.006	1965938	20.654 ug/ml
15) T n-Hexacosane (C26)	16.028	1929102	20.653 ug/ml
16) T n-Octacosane (C28)	16.979	1945339	21.247 ug/ml
17) T n-Tricontane (C30)	17.869	2058365	22.390 ug/ml
18) T n-Dotriacontane (C32)	18.701	2114137	23.048 ug/ml
19) T n-Tetratriacontane (C34)	19.488	2051460	22.963 ug/ml
20) T n-Hexatriacontane (C36)	20.230	2049221	22.876 ug/ml
21) T n-Octatriacontane (C38)	21.006	2009794	22.732 ug/ml
22) T n-Tetracontane (C40)	21.985	1968618	22.293 ug/ml

(f)=RT Delta > 1/2 Window

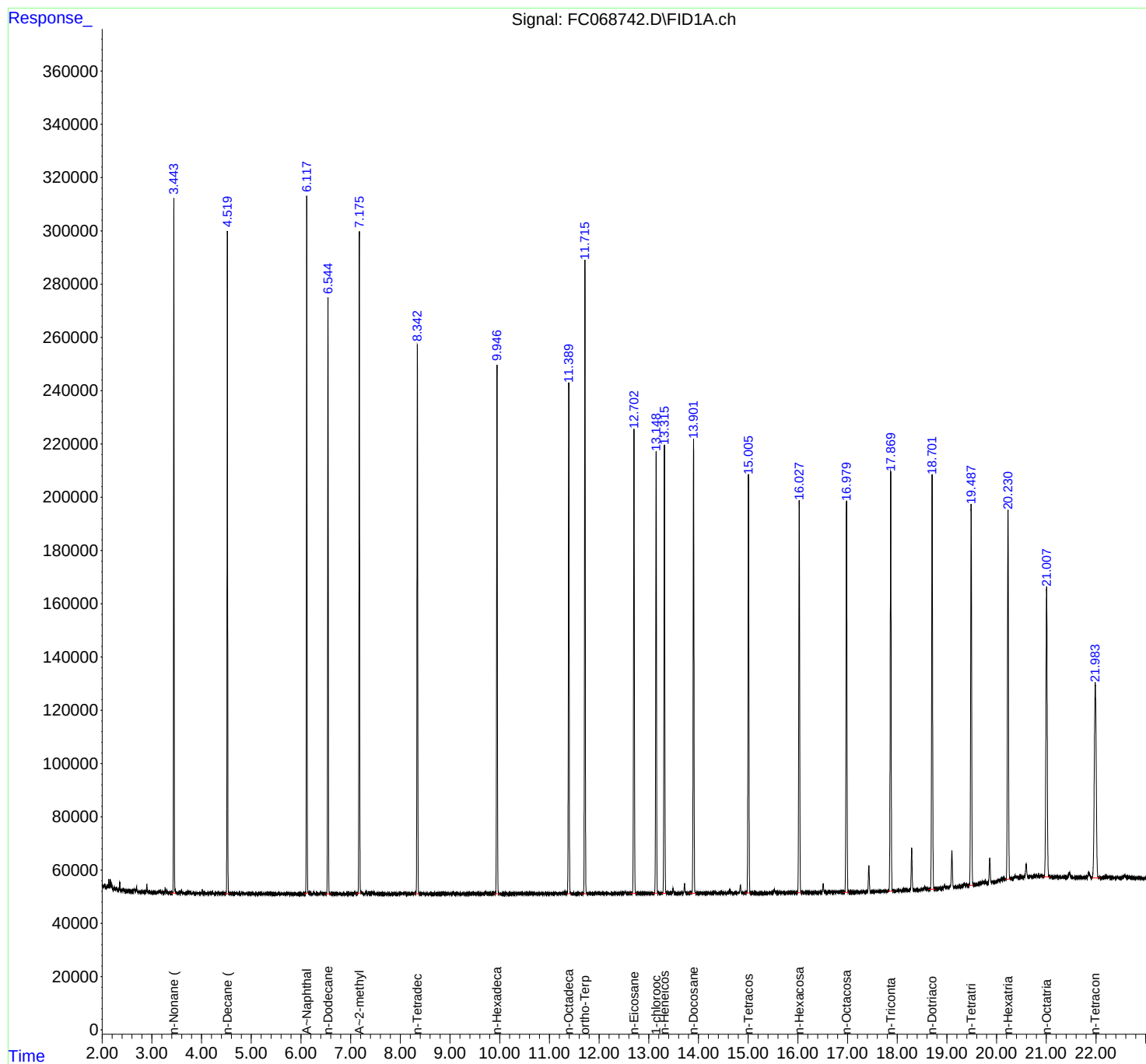
(m)=manual int.

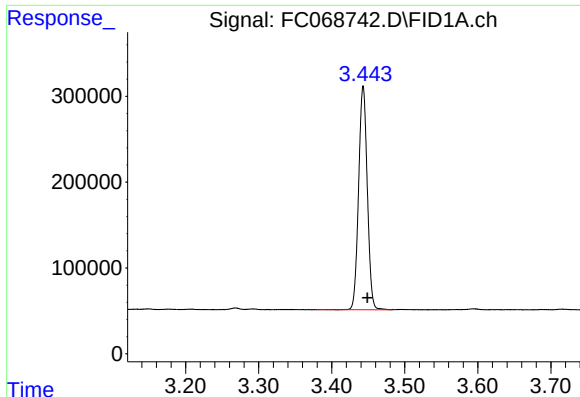
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050225AL\
Data File : FC068742.D
Signal(s) : FID1A.ch
Acq On : 02 May 2025 10:53
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: May 03 00:39:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
Quant Title : GC Extractables
QLast Update : Tue Apr 08 17:31:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

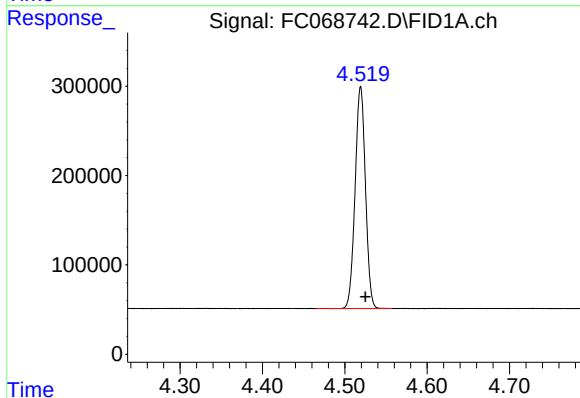




#1 n-Nonane (C9)

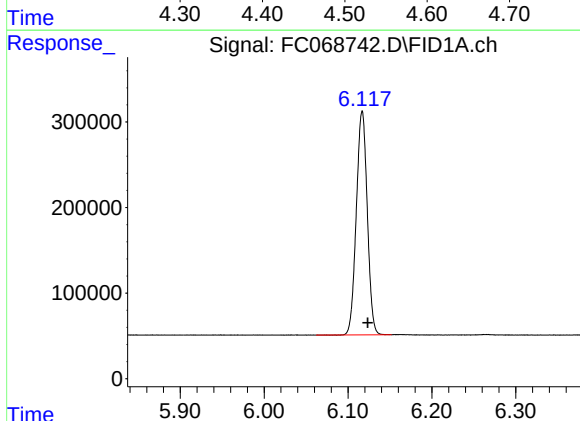
R.T.: 3.443 min
Delta R.T.: -0.006 min
Response: 2147084
Conc: 20.39 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



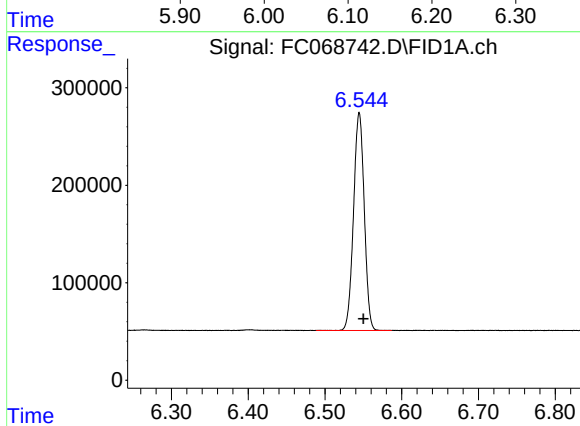
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: -0.006 min
Response: 2170960
Conc: 20.61 ug/ml



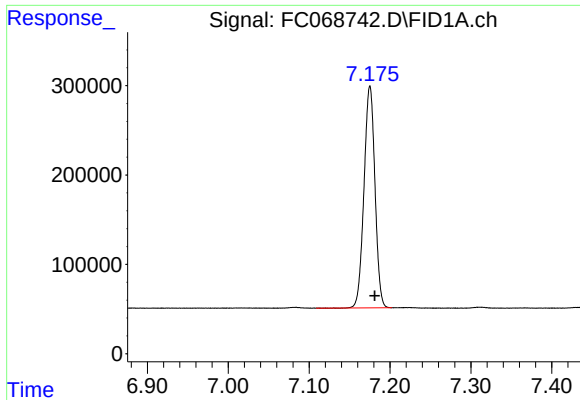
#3 A~Naphthalene (C11.7)

R.T.: 6.117 min
Delta R.T.: -0.007 min
Response: 2370654
Conc: 20.36 ug/ml



#4 n-Dodecane (C12)

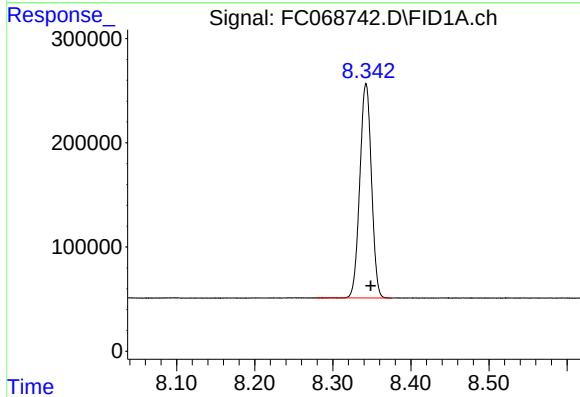
R.T.: 6.545 min
Delta R.T.: -0.006 min
Response: 2170305
Conc: 20.64 ug/ml



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

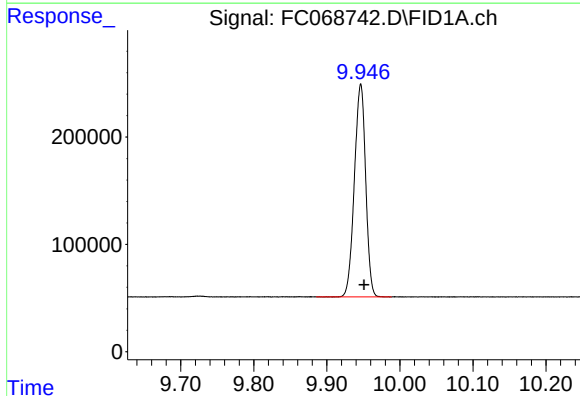
R.T.: 7.175 min
Delta R.T.: -0.006 min
Response: 2332952
Conc: 20.20 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



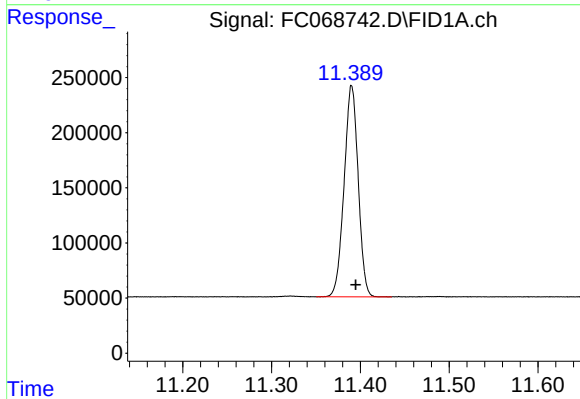
#6 n-Tetradecane (C14)

R.T.: 8.343 min
Delta R.T.: -0.006 min
Response: 2131982
Conc: 20.74 ug/ml



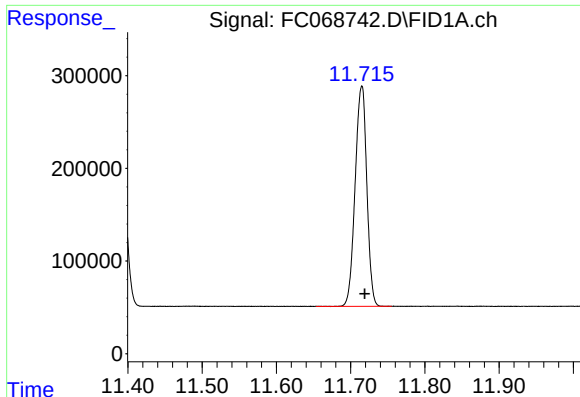
#7 n-Hexadecane (C16)

R.T.: 9.946 min
Delta R.T.: -0.005 min
Response: 2129851
Conc: 20.91 ug/ml



#8 n-Octadecane (C18)

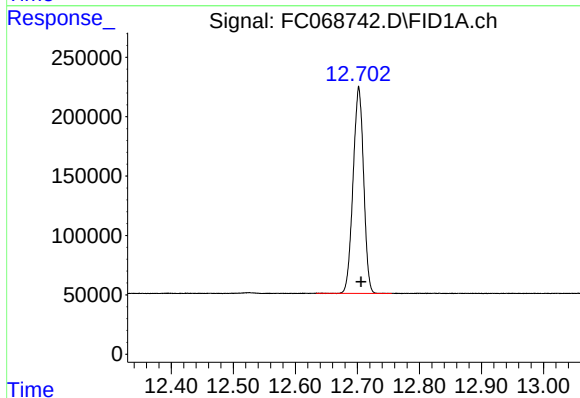
R.T.: 11.390 min
Delta R.T.: -0.005 min
Response: 2110467
Conc: 20.97 ug/ml



#9 ortho-Terphenyl (SURR)

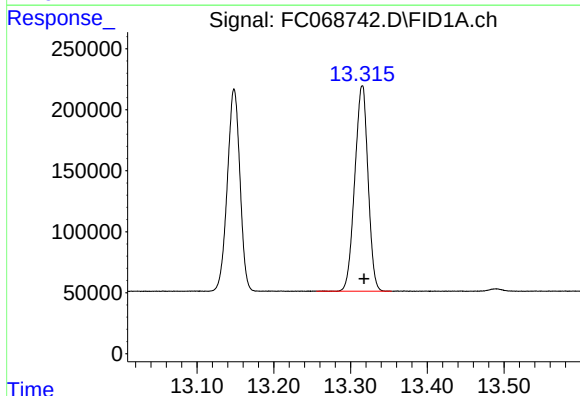
R.T.: 11.715 min
Delta R.T.: -0.004 min
Response: 2595922
Conc: 20.39 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



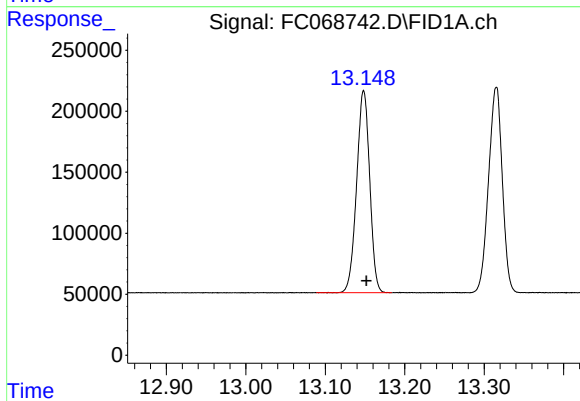
#10 n-Eicosane (C20)

R.T.: 12.702 min
Delta R.T.: -0.003 min
Response: 2051786
Conc: 20.86 ug/ml



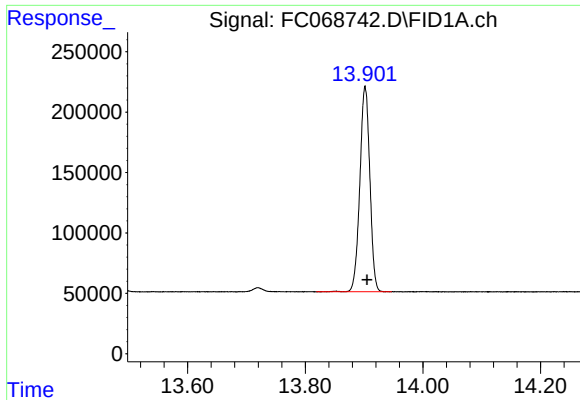
#11 n-Heneicosane (C21)

R.T.: 13.315 min
Delta R.T.: -0.003 min
Response: 2023426
Conc: 20.76 ug/ml



#12 1-chlorooctadecane (SURR)

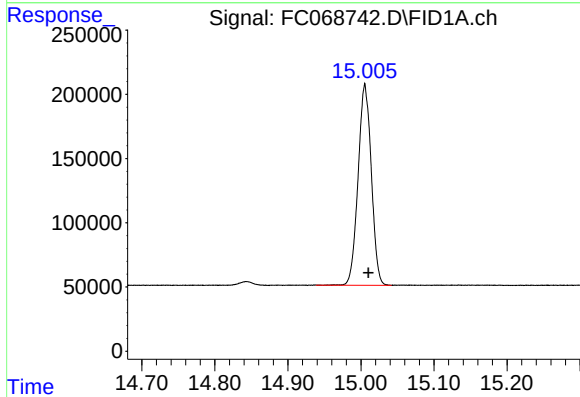
R.T.: 13.148 min
Delta R.T.: -0.004 min
Response: 1892024
Conc: 20.37 ug/ml



#13 n-Docosane (C22)

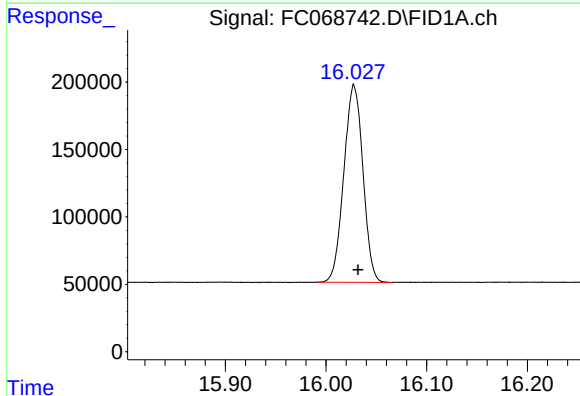
R.T.: 13.902 min
Delta R.T.: -0.003 min
Response: 2004959
Conc: 20.76 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



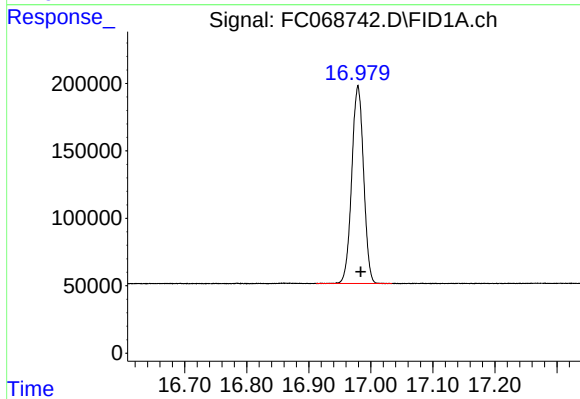
#14 n-Tetracosane (C24)

R.T.: 15.006 min
Delta R.T.: -0.004 min
Response: 1965938
Conc: 20.65 ug/ml



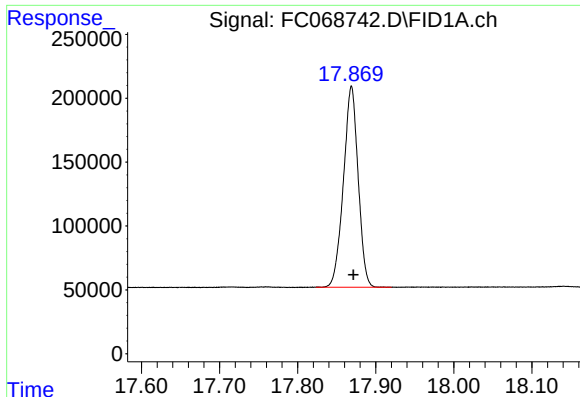
#15 n-Hexacosane (C26)

R.T.: 16.028 min
Delta R.T.: -0.004 min
Response: 1929102
Conc: 20.65 ug/ml



#16 n-Octacosane (C28)

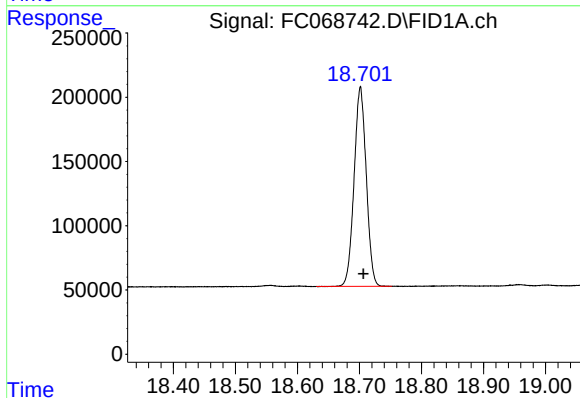
R.T.: 16.979 min
Delta R.T.: -0.004 min
Response: 1945339
Conc: 21.25 ug/ml



#17 n-Tricontane (C30)

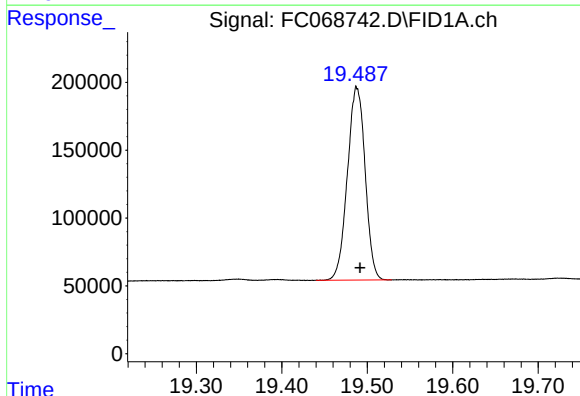
R.T.: 17.869 min
Delta R.T.: -0.003 min
Response: 2058365
Conc: 22.39 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



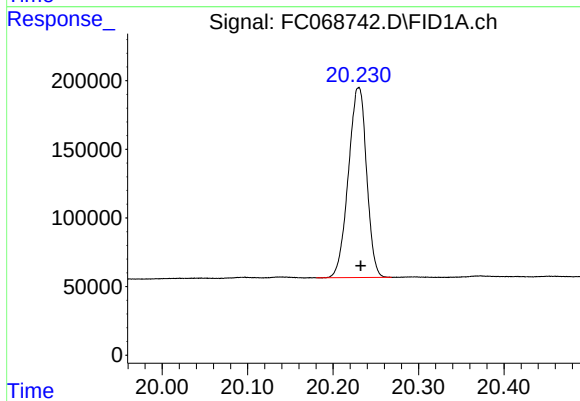
#18 n-Dotriacontane (C32)

R.T.: 18.701 min
Delta R.T.: -0.005 min
Response: 2114137
Conc: 23.05 ug/ml



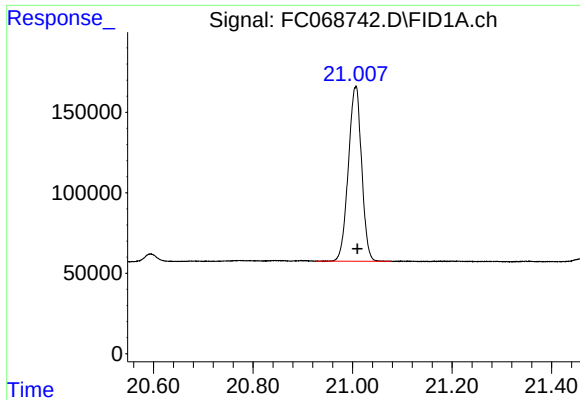
#19 n-Tetratriacontane (C34)

R.T.: 19.488 min
Delta R.T.: -0.004 min
Response: 2051460
Conc: 22.96 ug/ml



#20 n-Hexatriacontane (C36)

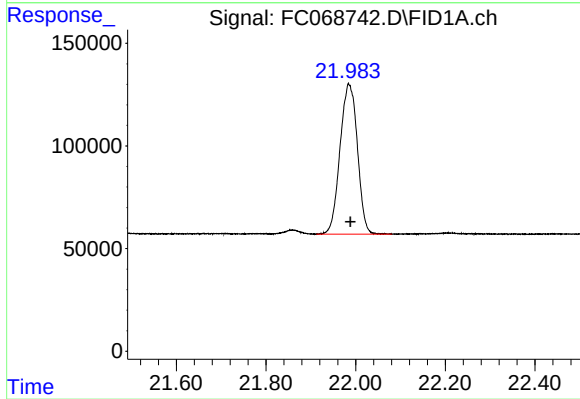
R.T.: 20.230 min
Delta R.T.: -0.002 min
Response: 2049221
Conc: 22.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.006 min
Delta R.T.: -0.003 min
Response: 2009794
Conc: 22.73 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.985 min
Delta R.T.: -0.004 min
Response: 1968618
Conc: 22.29 ug/ml