

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092525AL\
 Data File : FC069850.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2025 05:37
 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: Sep 26 07:24:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 23 14:56:40 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)	11.659	4080788	21.787 ug/ml
Spiked Amount 50.000		Recovery =	43.57%
12) S 1-chlorooctadecane (S...	13.094	3428208	21.709 ug/ml
Spiked Amount 50.000		Recovery =	43.42%
Target Compounds			
1) T n-Nonane (C9)	3.400	2709764	21.138 ug/ml
2) T n-Decane (C10)	4.471	2858160	21.509 ug/ml
3) T A~Naphthalene (C11.7)	6.064	3185633	21.460 ug/ml
4) T n-Dodecane (C12)	6.493	3043539	21.818 ug/ml
5) T A~2-methylnaphthalene...	7.122	3189761	21.605 ug/ml
6) T n-Tetradecane (C14)	8.290	3280653	22.119 ug/ml
7) T n-Hexadecane (C16)	9.893	3663905	22.202 ug/ml
8) T n-Octadecane (C18)	11.337	3939825	22.106 ug/ml
10) T n-Eicosane (C20)	12.648	3948571	21.923 ug/ml
11) T n-Heneicosane (C21)	13.260	3937197	21.835 ug/ml
13) T n-Docosane (C22)	13.847	3965274	21.826 ug/ml
14) T n-Tetracosane (C24)	14.951	4006420	21.774 ug/ml
15) T n-Hexacosane (C26)	15.972	3955374	21.785 ug/ml
16) T n-Octacosane (C28)	16.923	3886090	22.014 ug/ml
17) T n-Tricontane (C30)	17.812	3964506	22.650 ug/ml
18) T n-Dotriacontane (C32)	18.645	3725034	23.025 ug/ml
19) T n-Tetratriacontane (C34)	19.429	3231230	23.121 ug/ml
20) T n-Hexatriacontane (C36)	20.168	2508114	22.215 ug/ml
21) T n-Octatriacontane (C38)	20.930	2008714	20.823 ug/ml
22) T n-Tetracontane (C40)	21.886	1761300	20.450 ug/ml

(f)=RT Delta > 1/2 Window

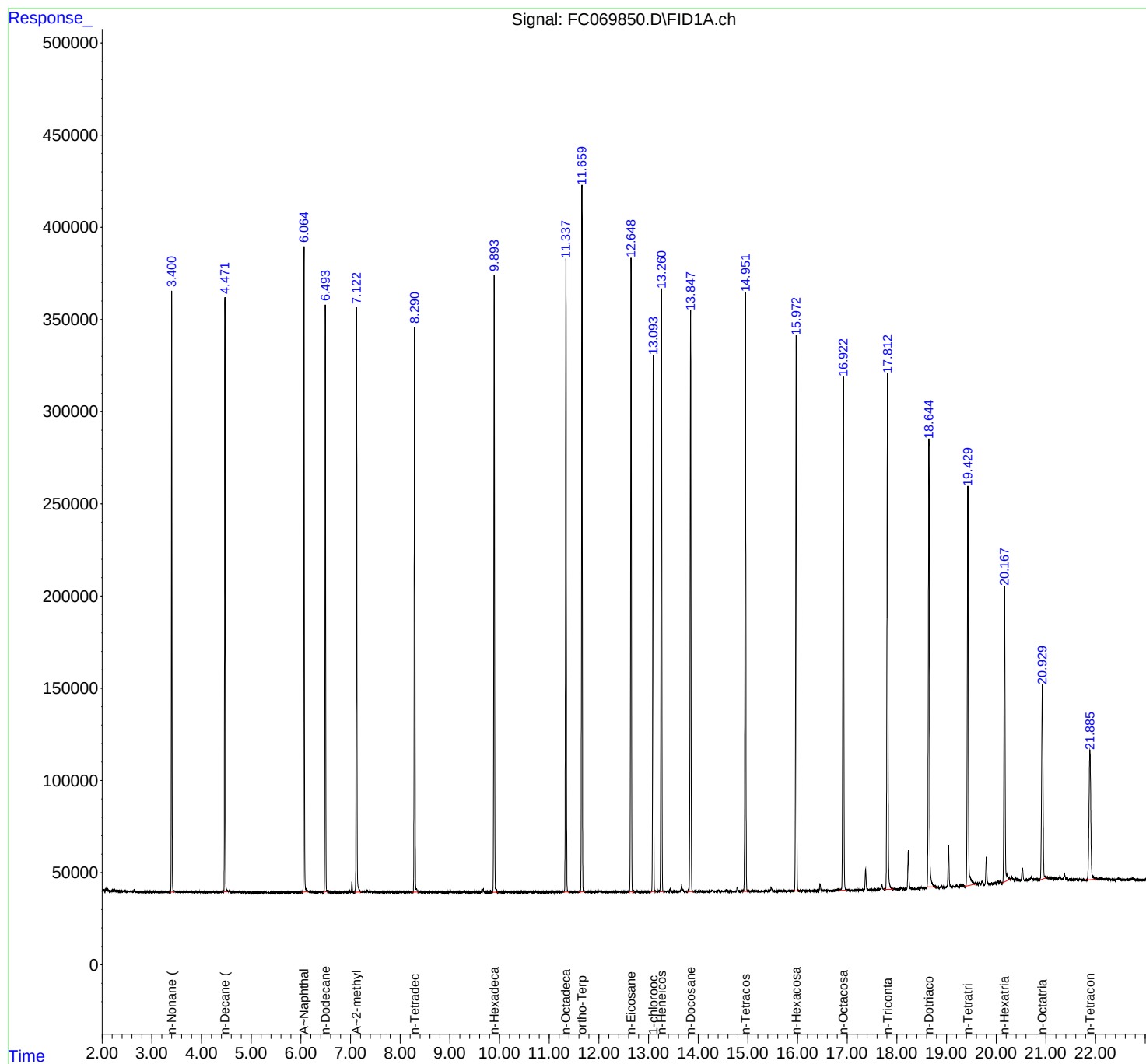
(m)=manual int.

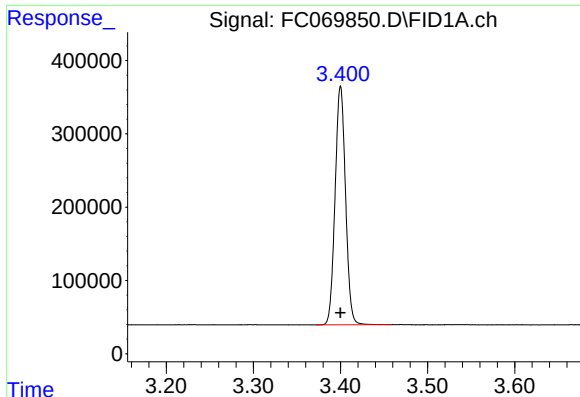
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092525AL\
Data File : FC069850.D
Signal(s) : FID1A.ch
Acq On : 26 Sep 2025 05:37
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Sep 26 07:24:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
Quant Title : GC Extractables
QLast Update : Tue Sep 23 14:56:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

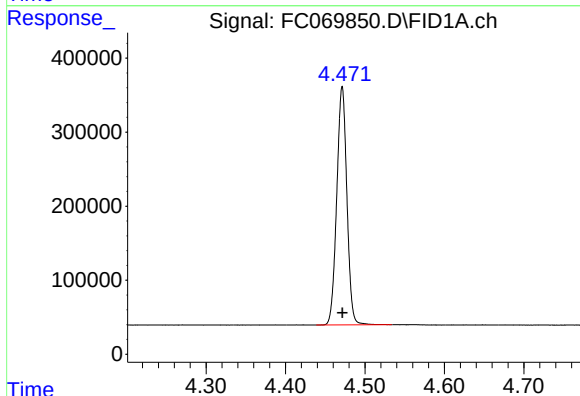




#1 n-Nonane (C9)

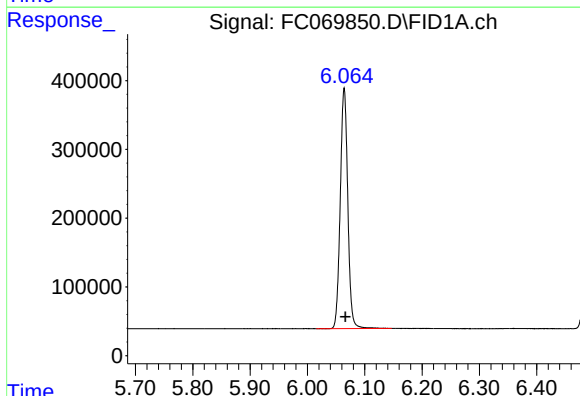
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 2709764
Conc: 21.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



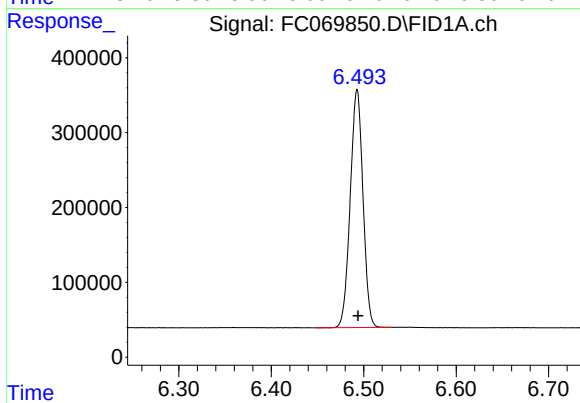
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 2858160
Conc: 21.51 ug/ml



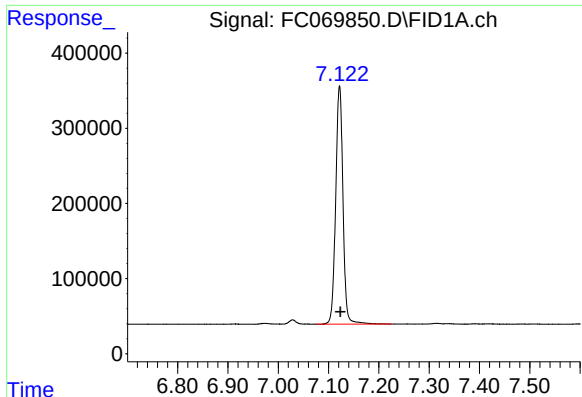
#3 A~Naphthalene (C11.7)

R.T.: 6.064 min
Delta R.T.: -0.003 min
Response: 3185633
Conc: 21.46 ug/ml



#4 n-Dodecane (C12)

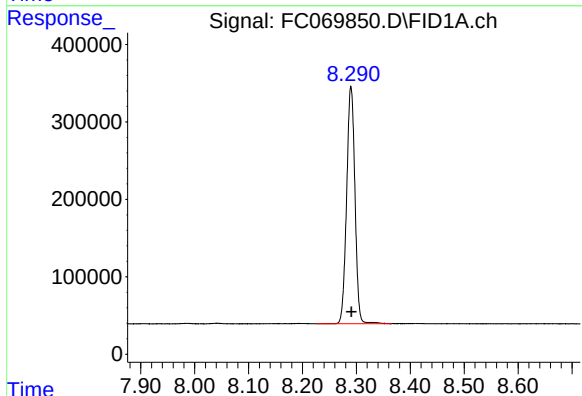
R.T.: 6.493 min
Delta R.T.: -0.001 min
Response: 3043539
Conc: 21.82 ug/ml



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

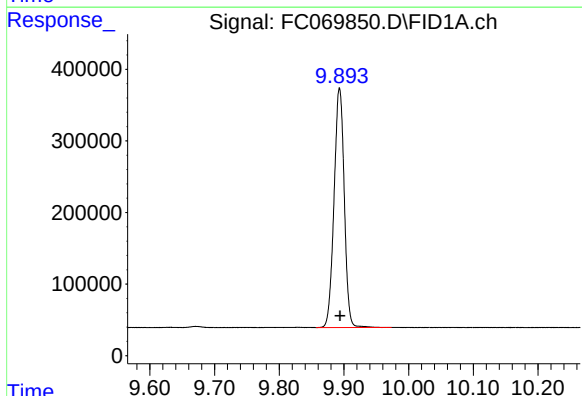
R.T.: 7.122 min
Delta R.T.: -0.002 min
Response: 3189761
Conc: 21.60 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



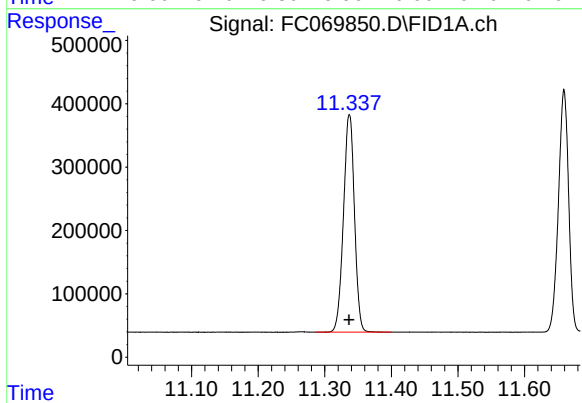
#6 n-Tetradecane (C14)

R.T.: 8.290 min
Delta R.T.: 0.000 min
Response: 3280653
Conc: 22.12 ug/ml



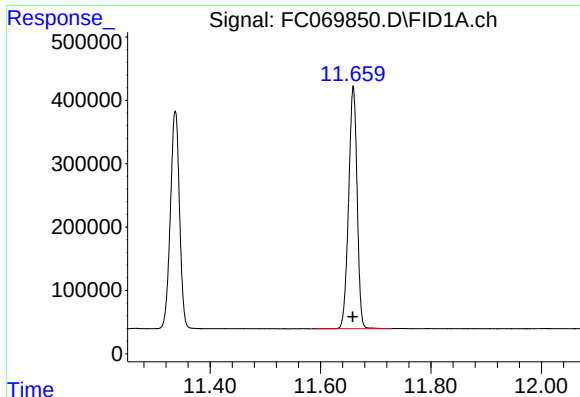
#7 n-Hexadecane (C16)

R.T.: 9.893 min
Delta R.T.: 0.000 min
Response: 3663905
Conc: 22.20 ug/ml



#8 n-Octadecane (C18)

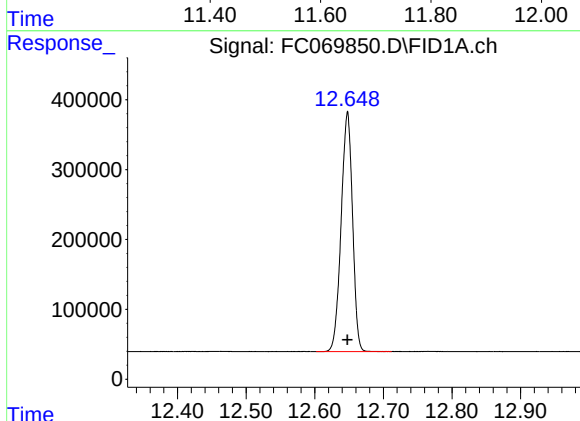
R.T.: 11.337 min
Delta R.T.: 0.000 min
Response: 3939825
Conc: 22.11 ug/ml



#9 ortho-Terphenyl (SURR)

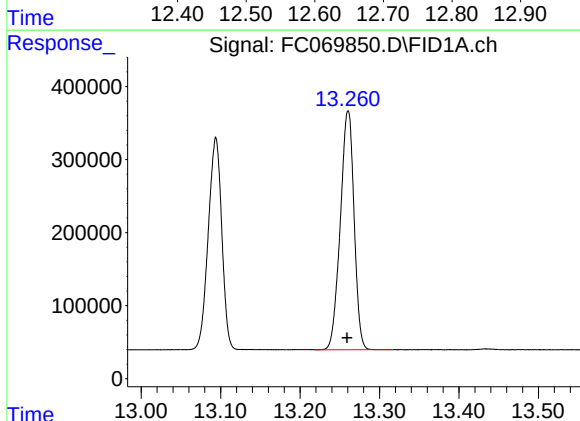
R.T.: 11.659 min
Delta R.T.: 0.000 min
Response: 4080788
Conc: 21.79 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



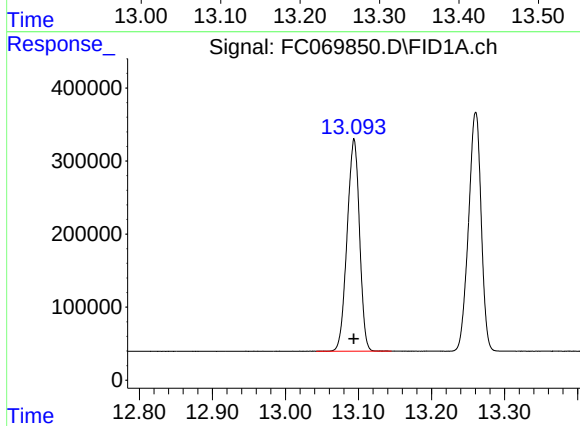
#10 n-Eicosane (C20)

R.T.: 12.648 min
Delta R.T.: 0.000 min
Response: 3948571
Conc: 21.92 ug/ml



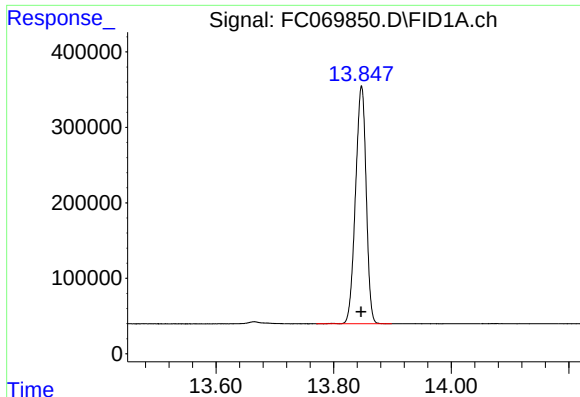
#11 n-Heneicosane (C21)

R.T.: 13.260 min
Delta R.T.: 0.000 min
Response: 3937197
Conc: 21.84 ug/ml



#12 1-chlorooctadecane (SURR)

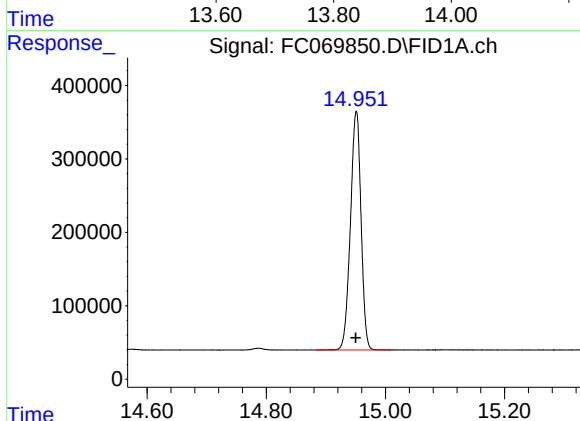
R.T.: 13.094 min
Delta R.T.: 0.000 min
Response: 3428208
Conc: 21.71 ug/ml



#13 n-Docosane (C22)

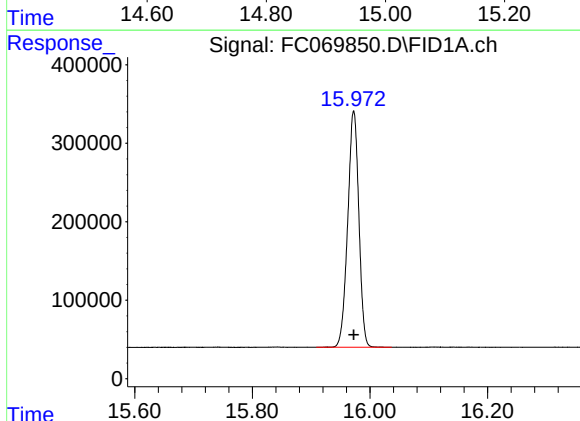
R.T.: 13.847 min
Delta R.T.: 0.000 min
Response: 3965274
Conc: 21.83 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



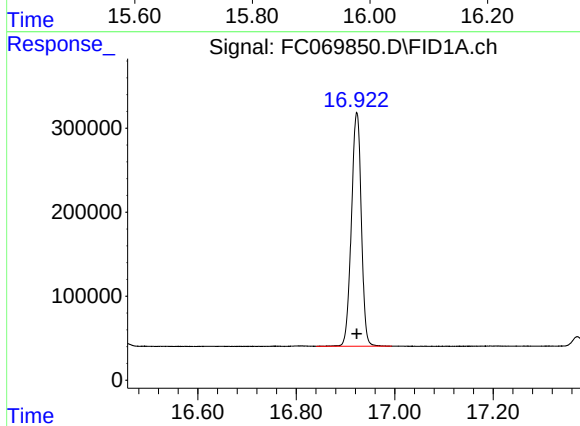
#14 n-Tetracosane (C24)

R.T.: 14.951 min
Delta R.T.: 0.000 min
Response: 4006420
Conc: 21.77 ug/ml



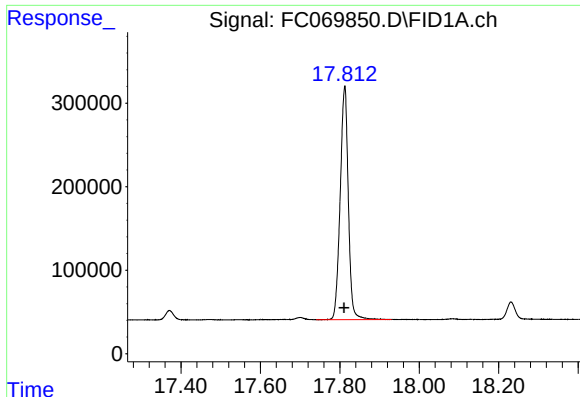
#15 n-Hexacosane (C26)

R.T.: 15.972 min
Delta R.T.: 0.000 min
Response: 3955374
Conc: 21.79 ug/ml



#16 n-Octacosane (C28)

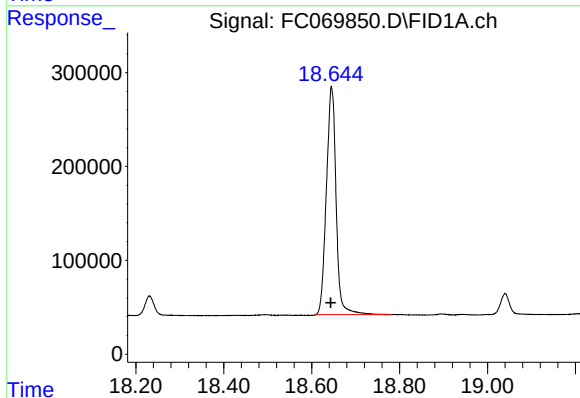
R.T.: 16.923 min
Delta R.T.: 0.000 min
Response: 3886090
Conc: 22.01 ug/ml



#17 n-Tricontane (C30)

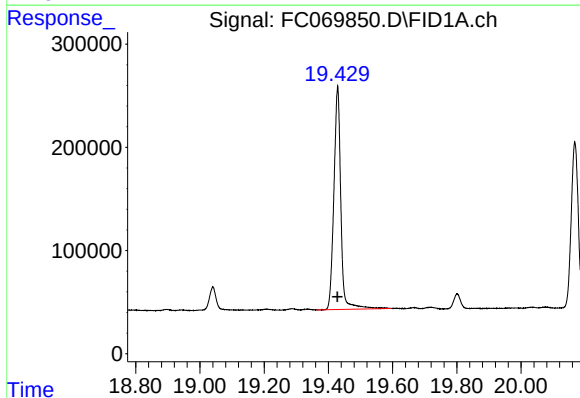
R.T.: 17.812 min
Delta R.T.: 0.001 min
Response: 3964506
Conc: 22.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



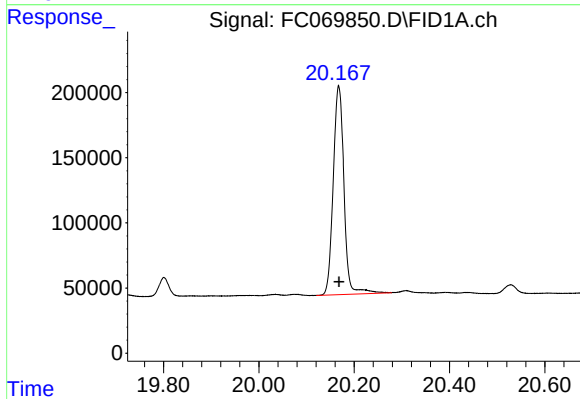
#18 n-Dotriacontane (C32)

R.T.: 18.645 min
Delta R.T.: 0.002 min
Response: 3725034
Conc: 23.02 ug/ml



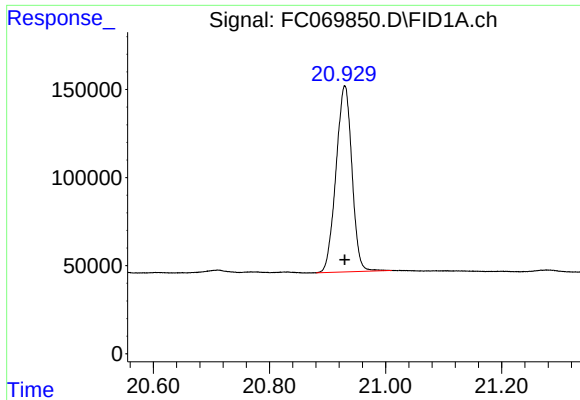
#19 n-Tetratriacontane (C34)

R.T.: 19.429 min
Delta R.T.: 0.000 min
Response: 3231230
Conc: 23.12 ug/ml



#20 n-Hexatriacontane (C36)

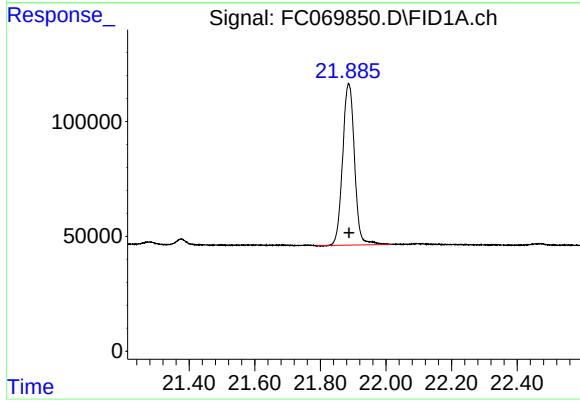
R.T.: 20.168 min
Delta R.T.: 0.000 min
Response: 2508114
Conc: 22.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.930 min
Delta R.T.: 0.000 min
Response: 2008714
Conc: 20.82 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.886 min
Delta R.T.: -0.002 min
Response: 1761300
Conc: 20.45 ug/ml