

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030625AL\
 Data File : FC068386.D
 Signal(s) : FID1A.ch
 Acq On : 06 Mar 2025 13:59
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 06 14:38:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 06 12:39:25 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)	11.392	3335396	20.831 ug/ml
Spiked Amount 50.000		Recovery =	41.66%
12) S 1-chlorooctadecane (S...	12.835	2441221	21.077 ug/ml
Spiked Amount 50.000		Recovery =	42.15%
Target Compounds			
1) T n-Nonane (C9)	3.201	3008124	20.612 ug/ml
2) T n-Decane (C10)	4.258	3038767	20.686 ug/ml
3) T A~Naphthalene (C11.7)	5.824	3285496	20.919 ug/ml
4) T n-Dodecane (C12)	6.266	3030144	20.754 ug/ml
5) T A~2-methylnaphthalene...	6.876	3102969	21.009 ug/ml
6) T n-Tetradecane (C14)	8.055	2931556	20.851 ug/ml
7) T n-Hexadecane (C16)	9.651	2962841	20.953 ug/ml
8) T n-Octadecane (C18)	11.088	2972655	20.991 ug/ml
10) T n-Eicosane (C20)	12.394	2844072	20.930 ug/ml
11) T n-Heneicosane (C21)	13.005	2794507	20.934 ug/ml
13) T n-Docosane (C22)	13.589	2764943	20.968 ug/ml
14) T n-Tetracosane (C24)	14.691	2768515	20.882 ug/ml
15) T n-Hexacosane (C26)	15.709	2727597	20.827 ug/ml
16) T n-Octacosane (C28)	16.657	2712013	20.918 ug/ml
17) T n-Tricontane (C30)	17.544	2874586	21.001 ug/ml
18) T n-Dotriacontane (C32)	18.376	2840896	21.077 ug/ml
19) T n-Tetratriacontane (C34)	19.158	2615806	21.016 ug/ml
20) T n-Hexatriacontane (C36)	19.897	2268027	20.984 ug/ml
21) T n-Octatriacontane (C38)	20.607	2048845	20.884 ug/ml
22) T n-Tetracontane (C40)	21.460	1860711	20.639 ug/ml

(f)=RT Delta > 1/2 Window

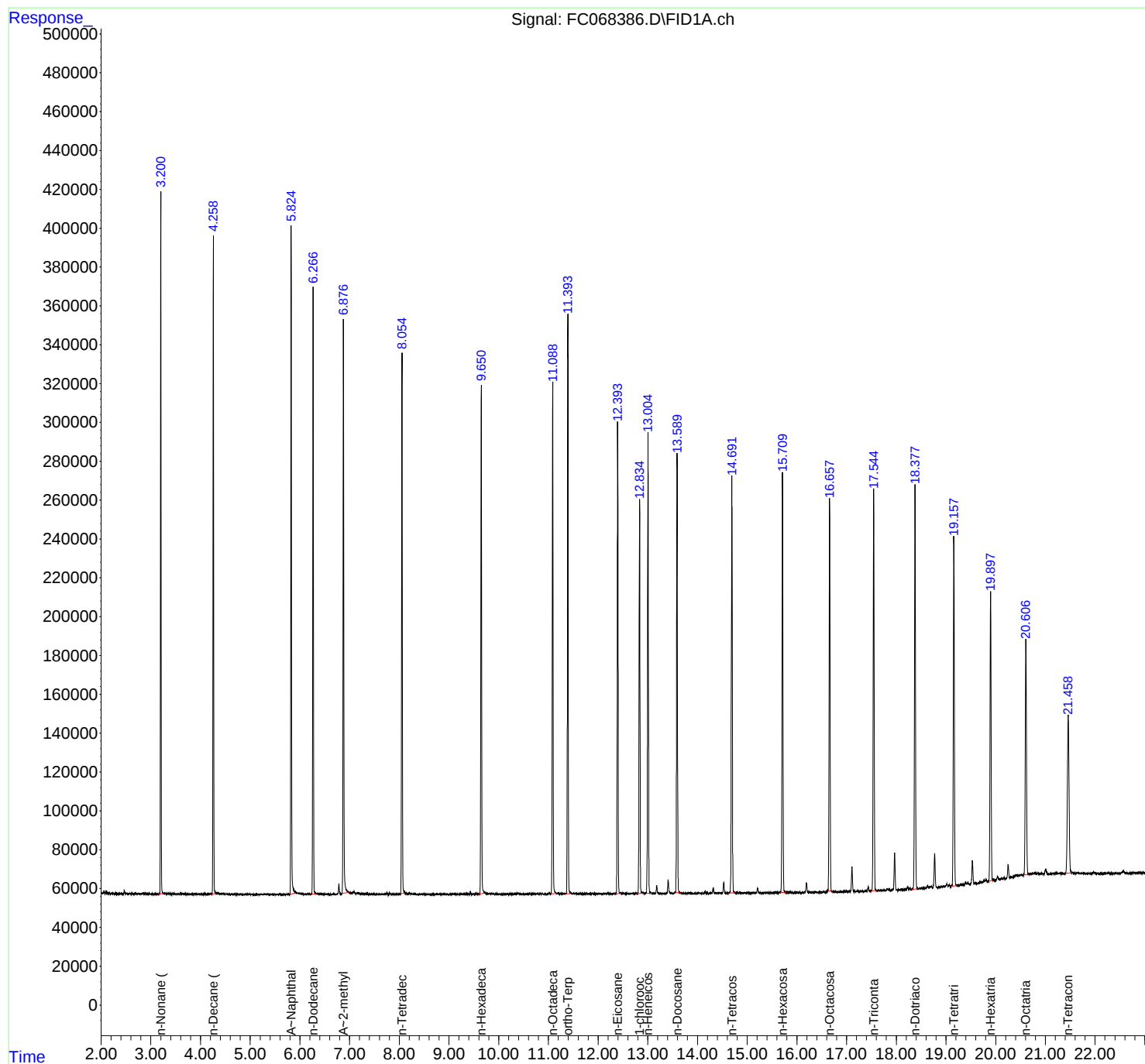
(m)=manual int.

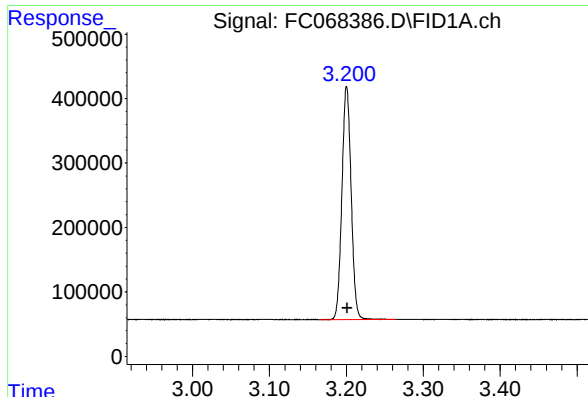
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030625AL\
Data File : FC068386.D
Signal(s) : FID1A.ch
Acq On : 06 Mar 2025 13:59
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Mar 06 14:38:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.M
Quant Title : GC Extractables
QLast Update : Thu Mar 06 12:39:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

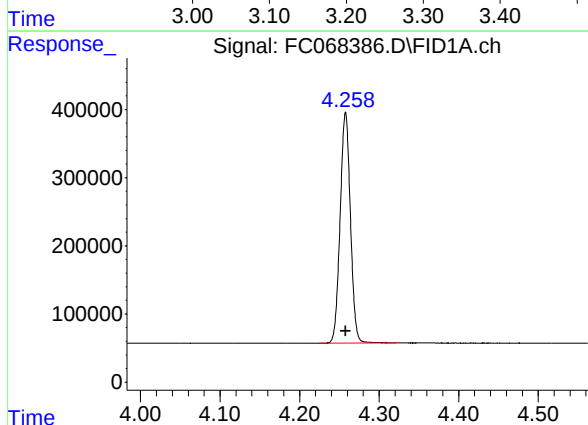




#1 n-Nonane (C9)

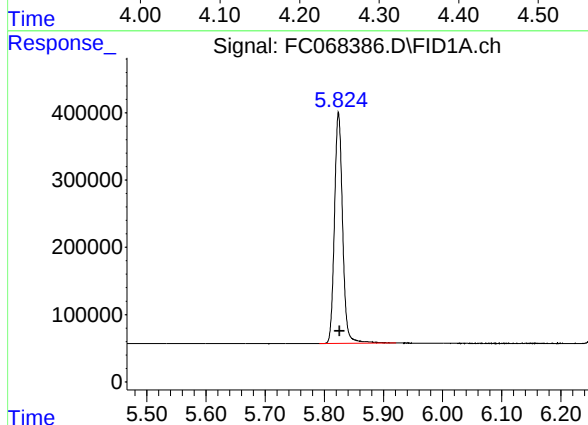
R.T.: 3.201 min
Delta R.T.: 0.000 min
Response: 3008124
Conc: 20.61 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



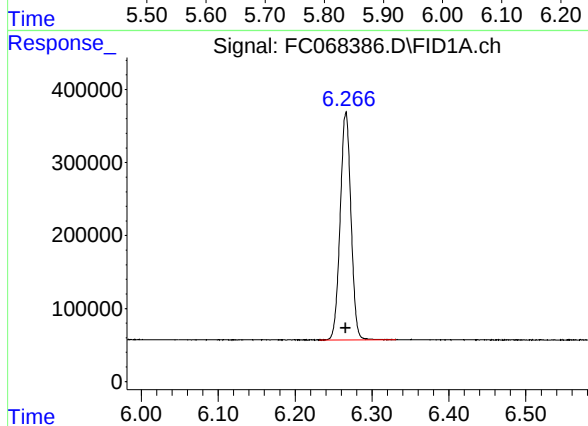
#2 n-Decane (C10)

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 3038767
Conc: 20.69 ug/ml



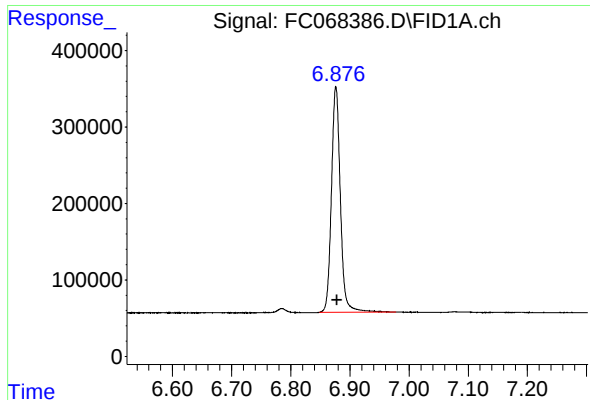
#3 A~Naphthalene (C11.7)

R.T.: 5.824 min
Delta R.T.: -0.002 min
Response: 3285496
Conc: 20.92 ug/ml



#4 n-Dodecane (C12)

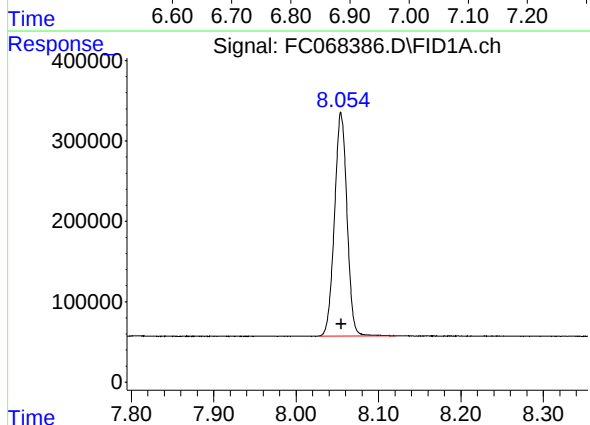
R.T.: 6.266 min
Delta R.T.: 0.000 min
Response: 3030144
Conc: 20.75 ug/ml



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

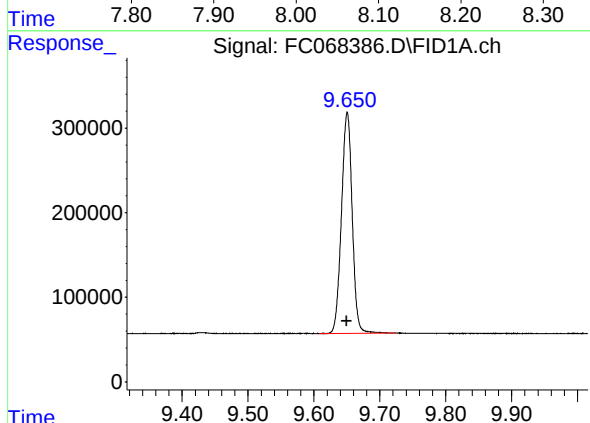
R.T.: 6.876 min
Delta R.T.: -0.002 min
Response: 3102969
Conc: 21.01 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



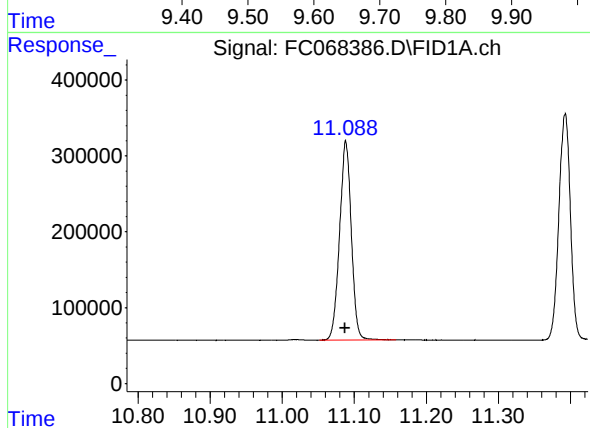
#6 n-Tetradecane (C14)

R.T.: 8.055 min
Delta R.T.: 0.000 min
Response: 2931556
Conc: 20.85 ug/ml



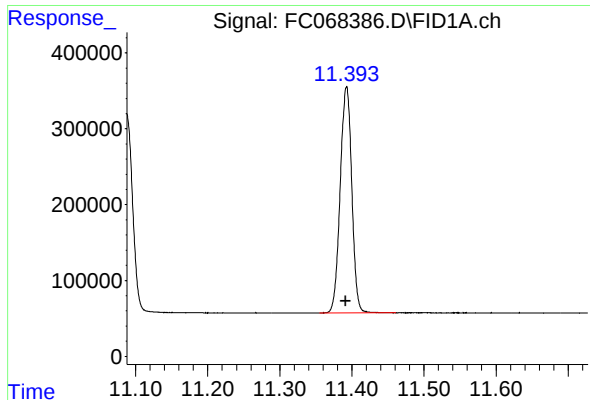
#7 n-Hexadecane (C16)

R.T.: 9.651 min
Delta R.T.: 0.001 min
Response: 2962841
Conc: 20.95 ug/ml



#8 n-Octadecane (C18)

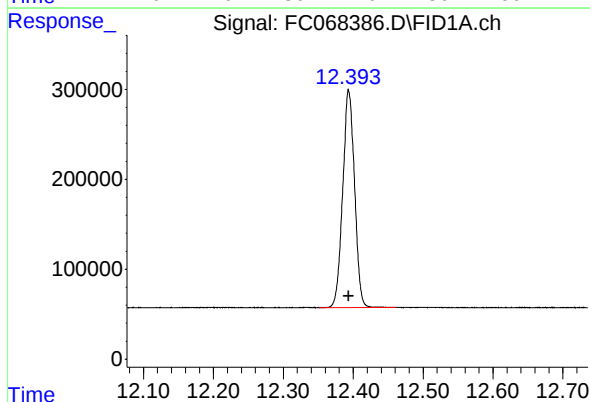
R.T.: 11.088 min
Delta R.T.: 0.001 min
Response: 2972655
Conc: 20.99 ug/ml



#9 ortho-Terphenyl (SURR)

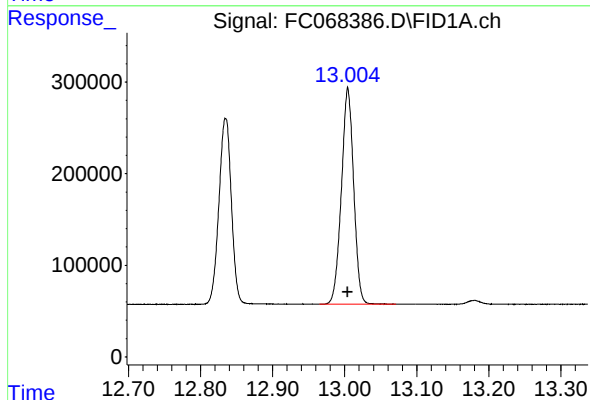
R.T.: 11.392 min
Delta R.T.: 0.001 min
Response: 3335396
Conc: 20.83 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



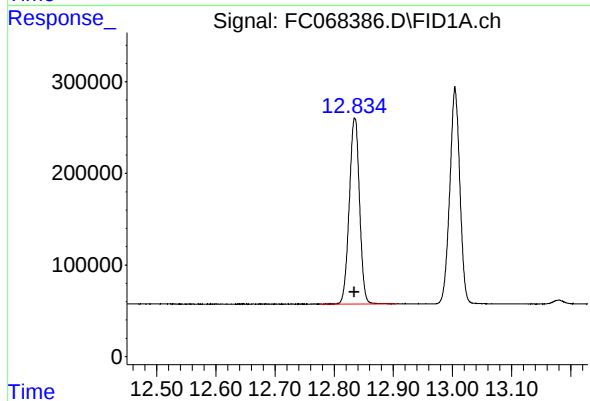
#10 n-Eicosane (C20)

R.T.: 12.394 min
Delta R.T.: 0.000 min
Response: 2844072
Conc: 20.93 ug/ml



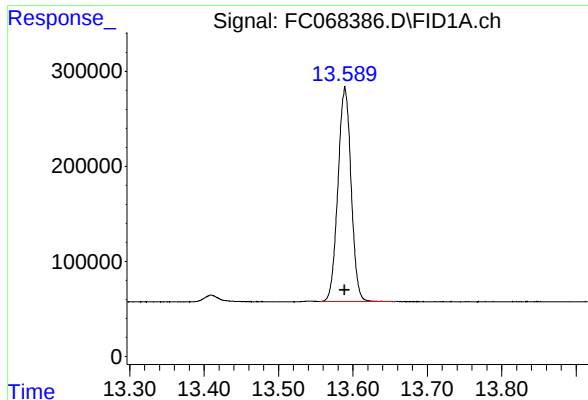
#11 n-Heneicosane (C21)

R.T.: 13.005 min
Delta R.T.: 0.000 min
Response: 2794507
Conc: 20.93 ug/ml



#12 1-chlorooctadecane (SURR)

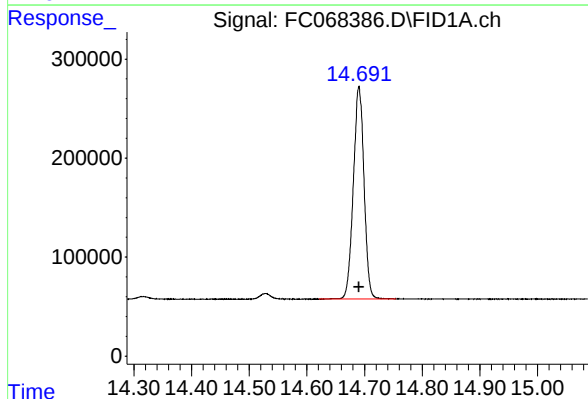
R.T.: 12.835 min
Delta R.T.: 0.000 min
Response: 2441221
Conc: 21.08 ug/ml



#13 n-Docosane (C22)

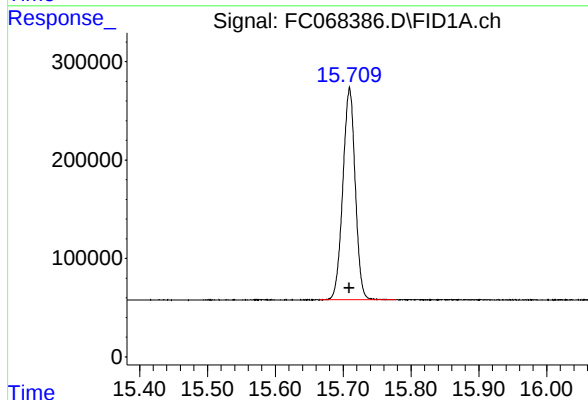
R.T.: 13.589 min
Delta R.T.: 0.000 min
Response: 2764943
Conc: 20.97 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



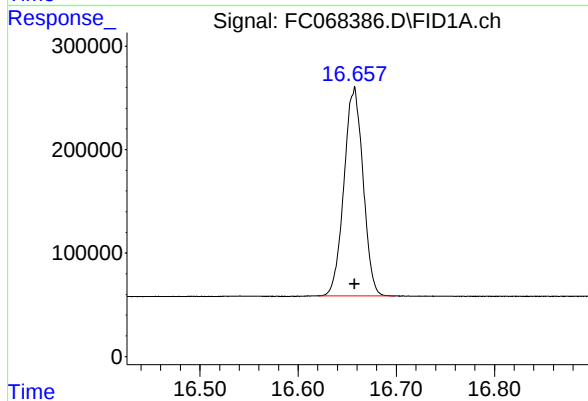
#14 n-Tetracosane (C24)

R.T.: 14.691 min
Delta R.T.: 0.000 min
Response: 2768515
Conc: 20.88 ug/ml



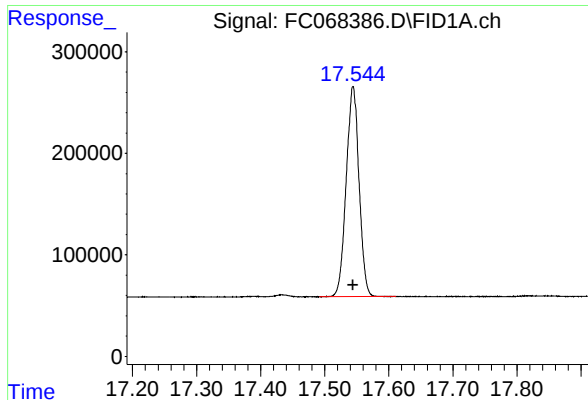
#15 n-Hexacosane (C26)

R.T.: 15.709 min
Delta R.T.: 0.000 min
Response: 2727597
Conc: 20.83 ug/ml



#16 n-Octacosane (C28)

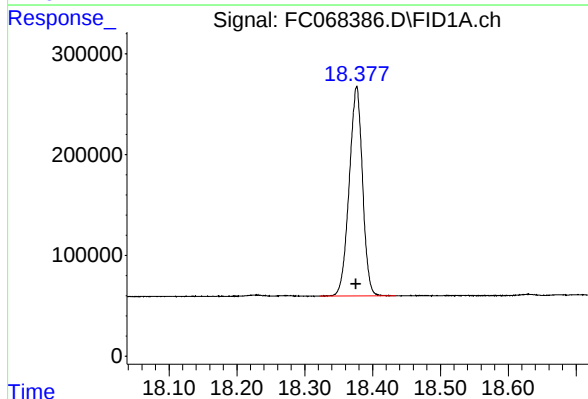
R.T.: 16.657 min
Delta R.T.: 0.000 min
Response: 2712013
Conc: 20.92 ug/ml



#17 n-Tricontane (C30)

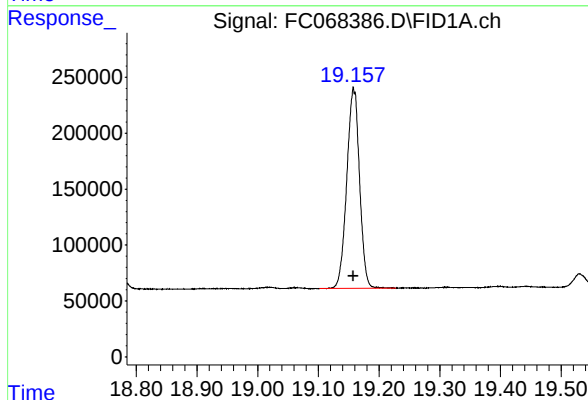
R.T.: 17.544 min
Delta R.T.: 0.000 min
Response: 2874586
Conc: 21.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



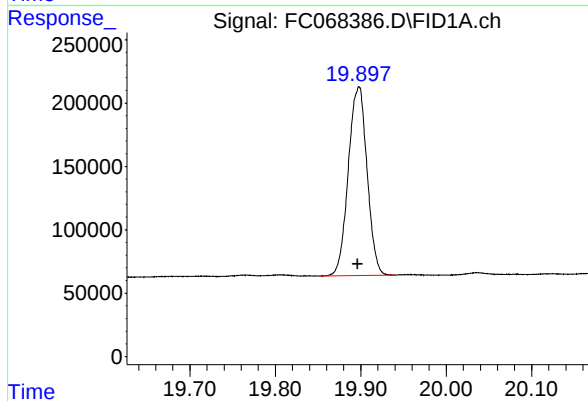
#18 n-Dotriacontane (C32)

R.T.: 18.376 min
Delta R.T.: 0.000 min
Response: 2840896
Conc: 21.08 ug/ml



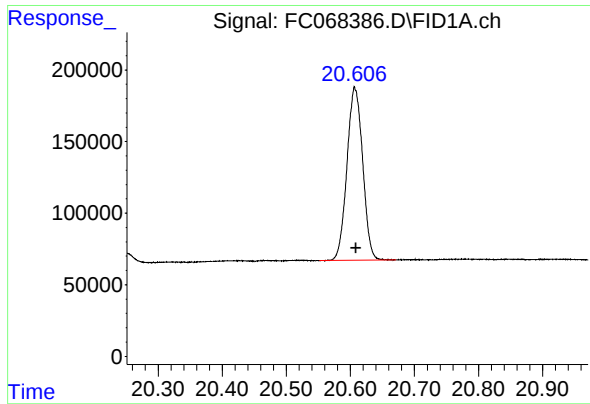
#19 n-Tetatriacontane (C34)

R.T.: 19.158 min
Delta R.T.: 0.000 min
Response: 2615806
Conc: 21.02 ug/ml



#20 n-Hexatriacontane (C36)

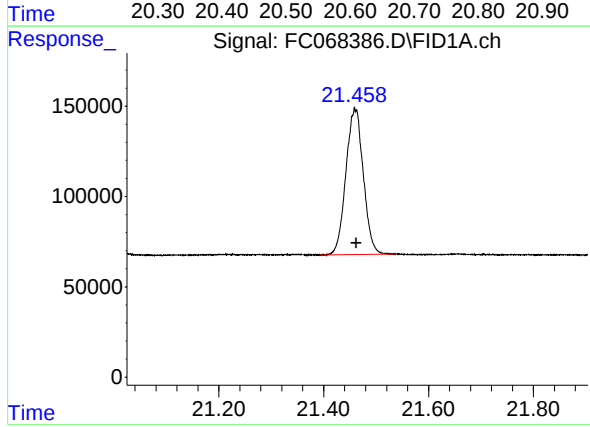
R.T.: 19.897 min
Delta R.T.: 0.000 min
Response: 2268027
Conc: 20.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.607 min
Delta R.T.: -0.001 min
Response: 2048845
Conc: 20.88 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.460 min
Delta R.T.: -0.002 min
Response: 1860711
Conc: 20.64 ug/ml