

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030625AL\
 Data File : FC068383.D
 Signal(s) : FID1A.ch
 Acq On : 06 Mar 2025 12:05
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Mar 06 12:38:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030625.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 06 12:38:23 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)	11.391	857530	5.356 ug/ml
Spiked Amount 50.000		Recovery =	10.71%
12) S 1-chlorooctadecane (S...	12.834	603024	5.206 ug/ml
Spiked Amount 50.000		Recovery =	10.41%
Target Compounds			
1) T n-Nonane (C9)	3.201	773795	5.302 ug/ml
2) T n-Decane (C10)	4.258	772637	5.260 ug/ml
3) T A~Naphthalene (C11.7)	5.826	792586	5.046 ug/ml
4) T n-Dodecane (C12)	6.266	768806	5.266 ug/ml
5) T A~2-methylnaphthalene...	6.878	737052	4.990 ug/ml
6) T n-Tetradecane (C14)	8.054	733076	5.214 ug/ml
7) T n-Hexadecane (C16)	9.649	736735	5.210 ug/ml
8) T n-Octadecane (C18)	11.087	745197	5.262 ug/ml
10) T n-Eicosane (C20)	12.393	724852	5.334 ug/ml
11) T n-Heneicosane (C21)	13.004	714701	5.354 ug/ml
13) T n-Docosane (C22)	13.589	700245	5.310 ug/ml
14) T n-Tetracosane (C24)	14.690	698904	5.272 ug/ml
15) T n-Hexacosane (C26)	15.709	697244	5.324 ug/ml
16) T n-Octacosane (C28)	16.658	706287	5.448 ug/ml
17) T n-Tricontane (C30)	17.544	786711	5.748 ug/ml
18) T n-Dotriacontane (C32)	18.375	796099	5.906 ug/ml
19) T n-Tetratriacontane (C34)	19.158	726090	5.834 ug/ml
20) T n-Hexatriacontane (C36)	19.896	611389	5.657 ug/ml
21) T n-Octatriacontane (C38)	20.609	541975	5.524 ug/ml
22) T n-Tetracontane (C40)	21.462	477006	5.291 ug/ml

(f)=RT Delta > 1/2 Window

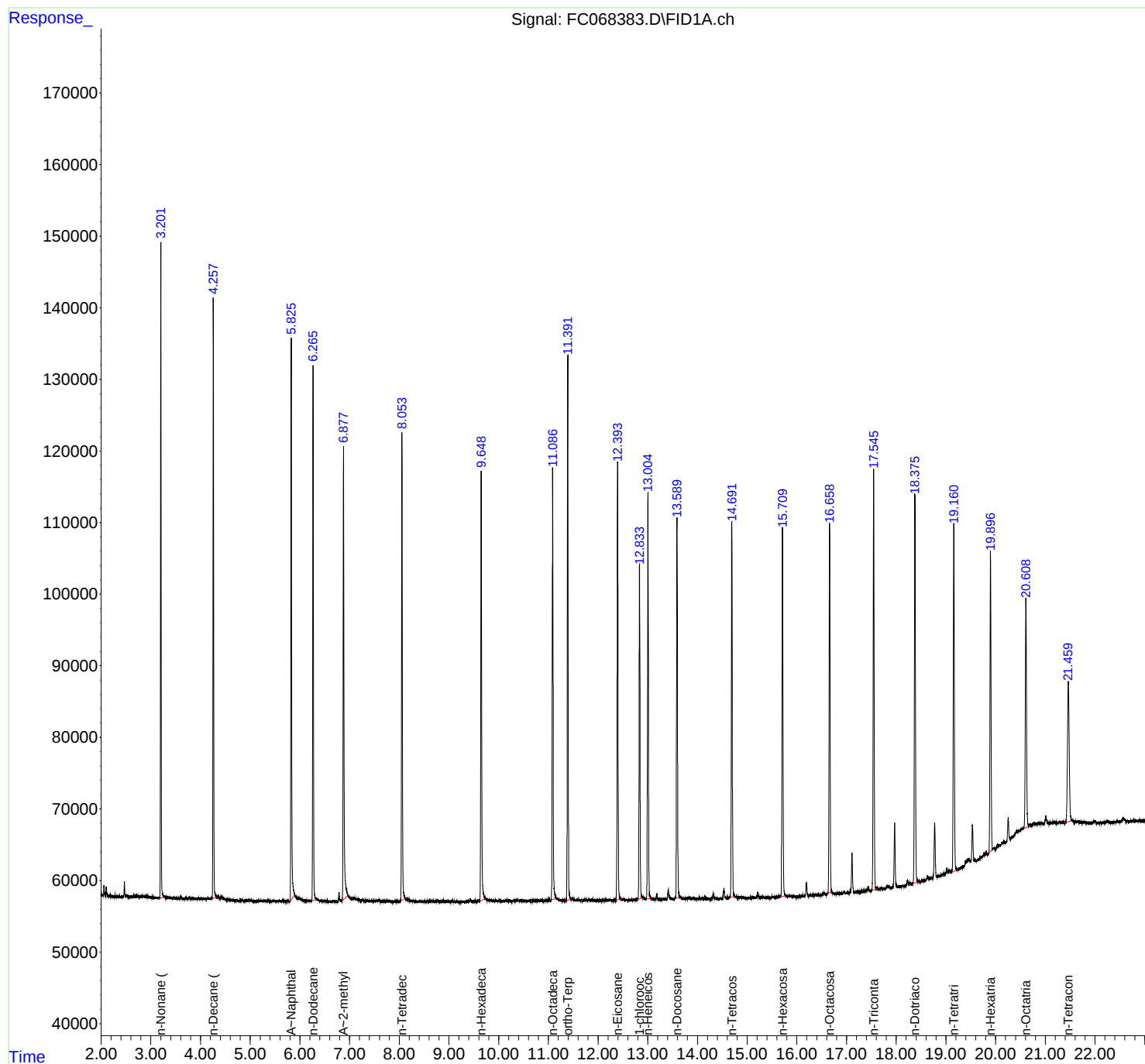
(m)=manual int.

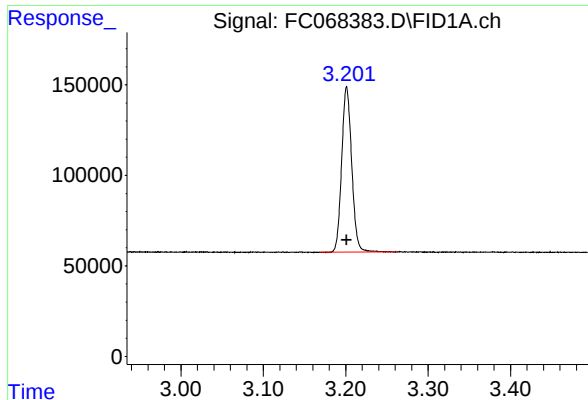
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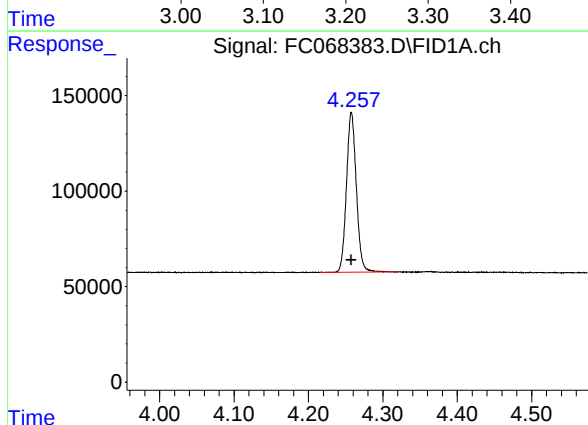




#1 n-Nonane (C9)

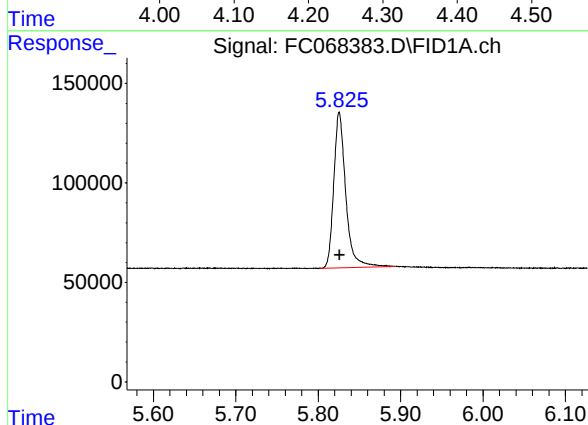
R.T.: 3.201 min
Delta R.T.: 0.000 min
Response: 773795
Conc: 5.30 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



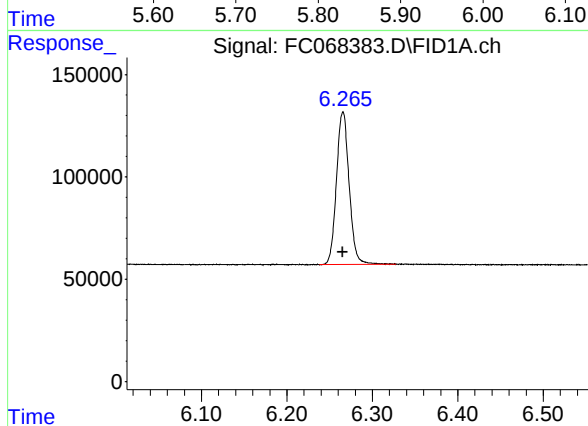
#2 n-Decane (C10)

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 772637
Conc: 5.26 ug/ml



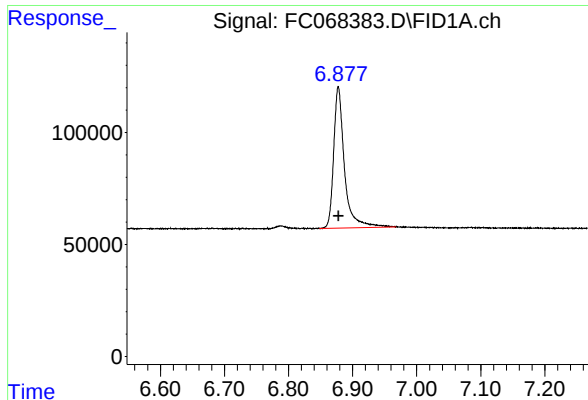
#3 A~Naphthalene (C11.7)

R.T.: 5.826 min
Delta R.T.: 0.000 min
Response: 792586
Conc: 5.05 ug/ml



#4 n-Dodecane (C12)

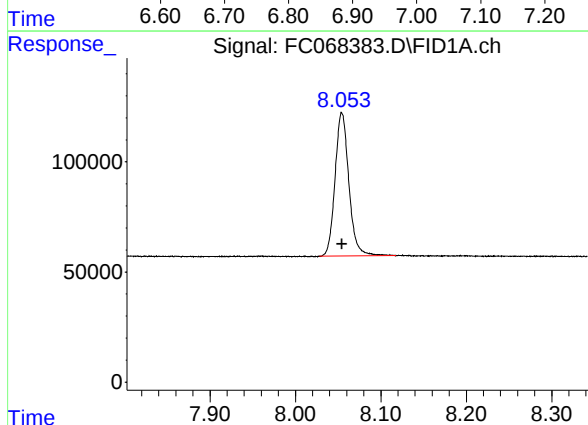
R.T.: 6.266 min
Delta R.T.: 0.000 min
Response: 768806
Conc: 5.27 ug/ml



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

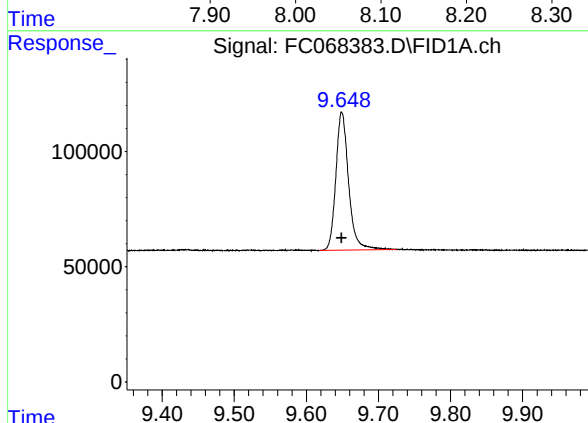
R.T.: 6.878 min
Delta R.T.: 0.000 min
Response: 737052
Conc: 4.99 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



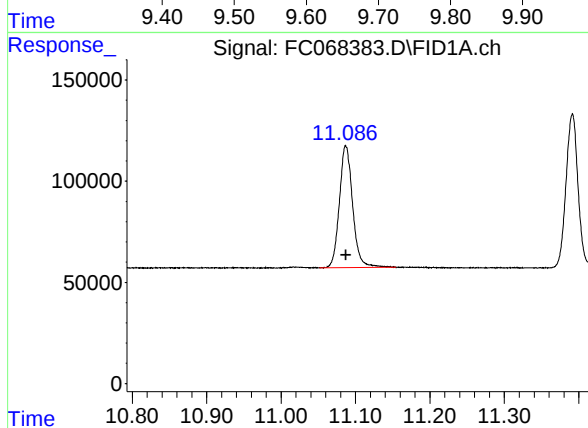
#6 n-Tetradecane (C14)

R.T.: 8.054 min
Delta R.T.: 0.000 min
Response: 733076
Conc: 5.21 ug/ml



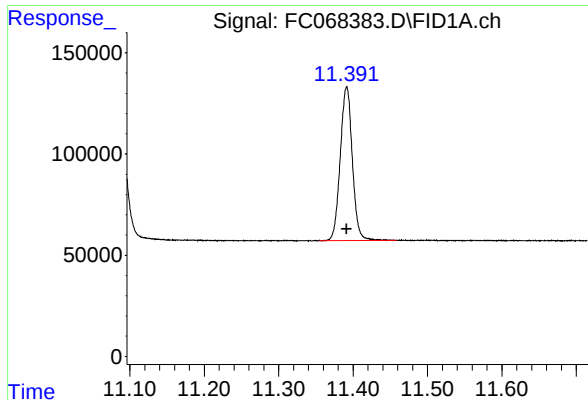
#7 n-Hexadecane (C16)

R.T.: 9.649 min
Delta R.T.: 0.000 min
Response: 736735
Conc: 5.21 ug/ml



#8 n-Octadecane (C18)

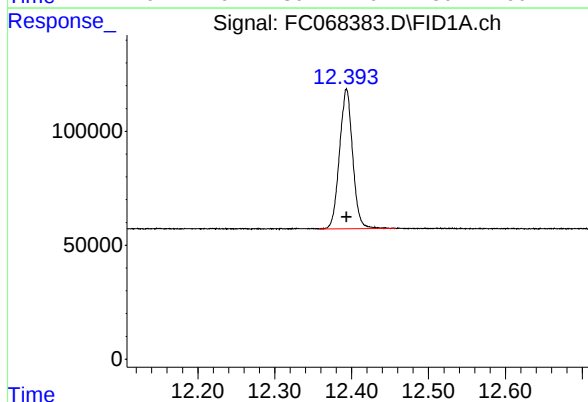
R.T.: 11.087 min
Delta R.T.: 0.000 min
Response: 745197
Conc: 5.26 ug/ml



#9 ortho-Terphenyl (SURR)

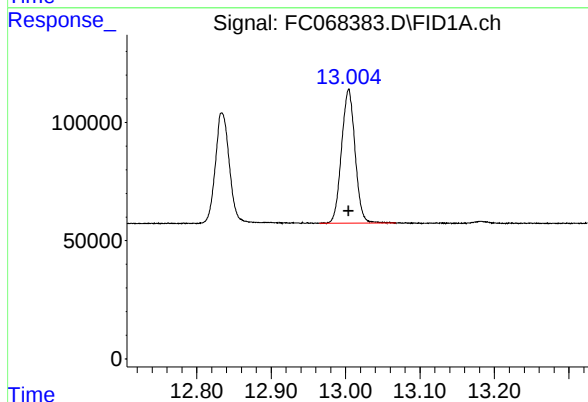
R.T.: 11.391 min
Delta R.T.: 0.000 min
Response: 857530
Conc: 5.36 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



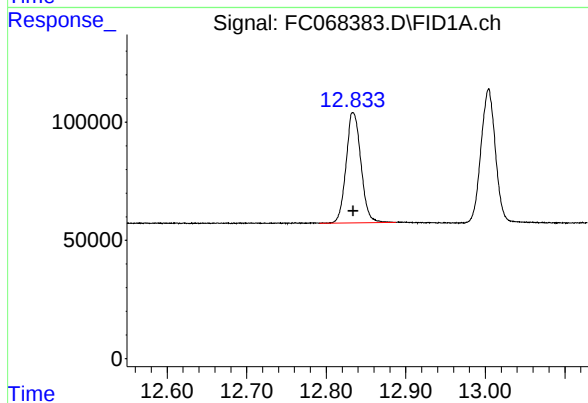
#10 n-Eicosane (C20)

R.T.: 12.393 min
Delta R.T.: 0.000 min
Response: 724852
Conc: 5.33 ug/ml



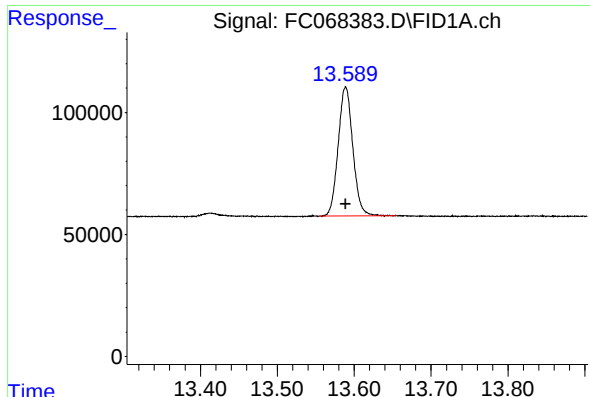
#11 n-Heneicosane (C21)

R.T.: 13.004 min
Delta R.T.: 0.000 min
Response: 714701
Conc: 5.35 ug/ml



#12 1-chlorooctadecane (SURR)

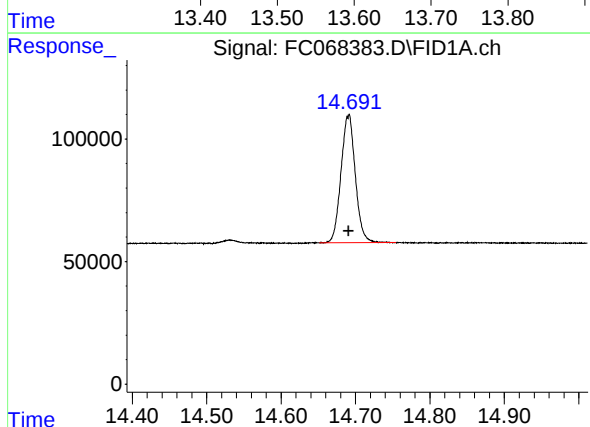
R.T.: 12.834 min
Delta R.T.: 0.000 min
Response: 603024
Conc: 5.21 ug/ml



#13 n-Docosane (C22)

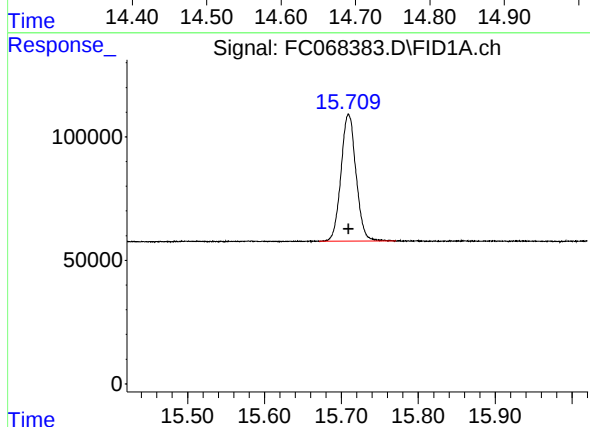
R.T.: 13.589 min
Delta R.T.: 0.000 min
Response: 700245
Conc: 5.31 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



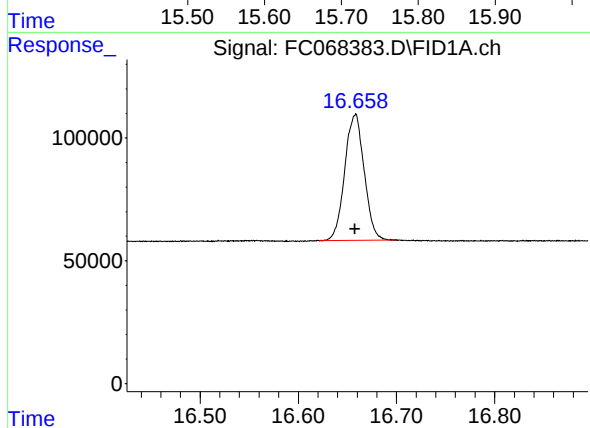
#14 n-Tetracosane (C24)

R.T.: 14.690 min
Delta R.T.: 0.000 min
Response: 698904
Conc: 5.27 ug/ml



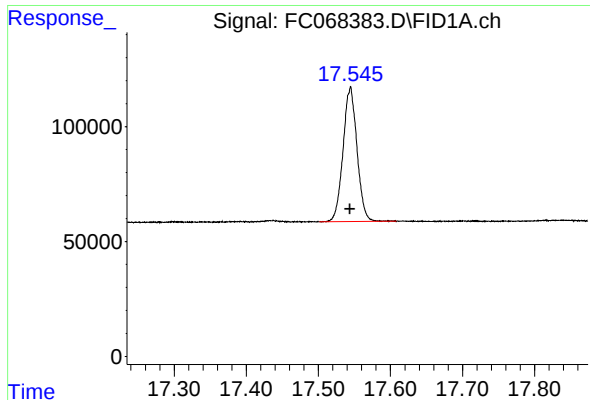
#15 n-Hexacosane (C26)

R.T.: 15.709 min
Delta R.T.: 0.000 min
Response: 697244
Conc: 5.32 ug/ml



#16 n-Octacosane (C28)

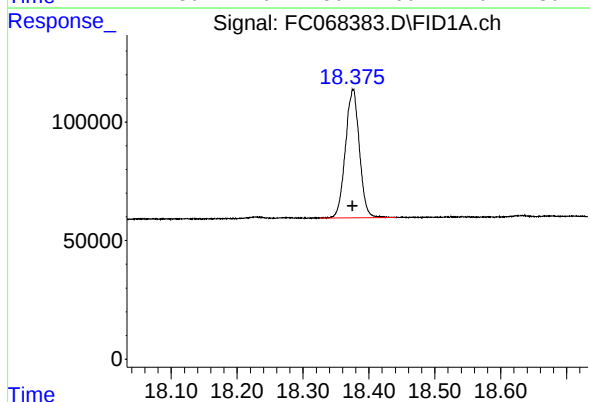
R.T.: 16.658 min
Delta R.T.: 0.000 min
Response: 706287
Conc: 5.45 ug/ml



#17 n-Tricontane (C30)

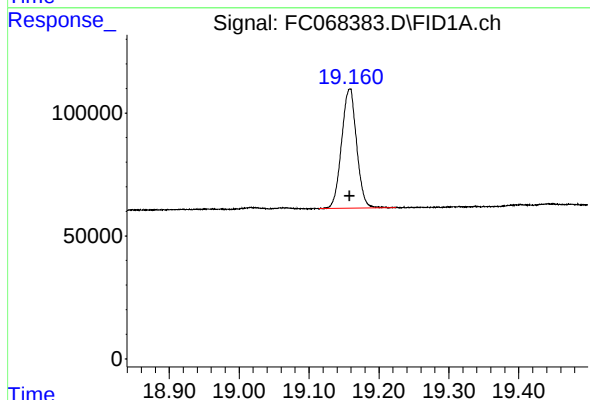
R.T.: 17.544 min
Delta R.T.: 0.000 min
Response: 786711
Conc: 5.75 ug/ml

Instrument :
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5 PPM ALIPHATIC HC STD5



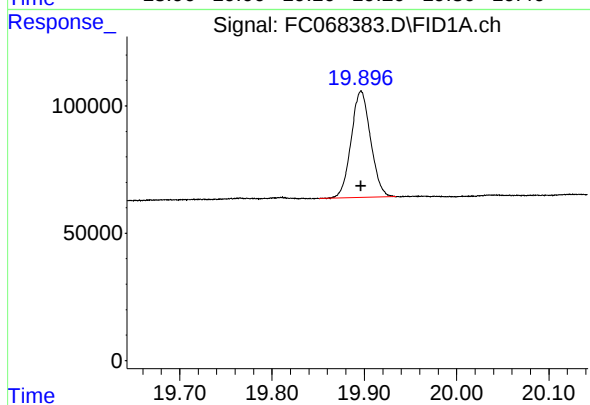
#18 n-Dotriacontane (C32)

R.T.: 18.375 min
Delta R.T.: 0.000 min
Response: 796099
Conc: 5.91 ug/ml



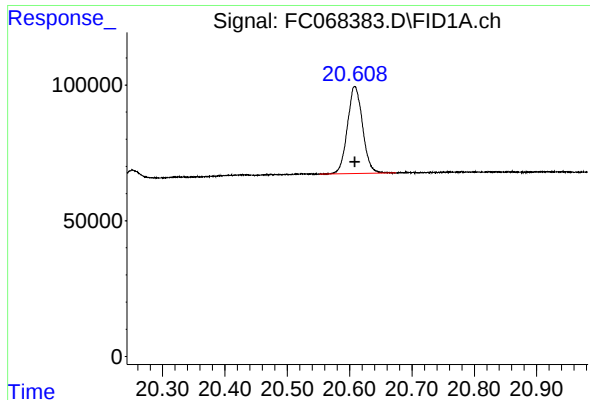
#19 n-Tetratriacontane (C34)

R.T.: 19.158 min
Delta R.T.: 0.000 min
Response: 726090
Conc: 5.83 ug/ml



#20 n-Hexatriacontane (C36)

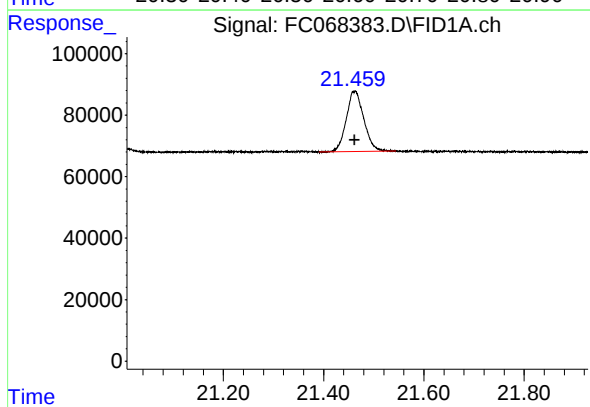
R.T.: 19.896 min
Delta R.T.: 0.000 min
Response: 611389
Conc: 5.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.609 min
Delta R.T.: 0.000 min
Response: 541975
Conc: 5.52 ug/ml

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FID_C
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.462 min
Delta R.T.: 0.000 min
Response: 477006
Conc: 5.29 ug/ml