

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100224AL\
 Data File : FC067316.D
 Signal(s) : FID1A.ch
 Acq On : 30 Sep 2024 13:35
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 01 09:12:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:07:31 2024
 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)	11.496	821094	5.505 ug/ml
Spiked Amount 50.000		Recovery =	11.01%
12) S 1-chlorooctadecane (S...	12.936	597484	5.353 ug/ml
Spiked Amount 50.000		Recovery =	10.71%
Target Compounds			
1) T n-Nonane (C9)	3.271	686146	5.527 ug/ml
2) T n-Decane (C10)	4.336	688670	5.455 ug/ml
3) T A~Naphthalene (C11.7)	5.915	757843	5.435 ug/ml
4) T n-Dodecane (C12)	6.352	691712	5.420 ug/ml
5) T A~2-methylnaphthalene...	6.970	719915	5.313 ug/ml
6) T n-Tetradecane (C14)	8.146	680596	5.360 ug/ml
7) T n-Hexadecane (C16)	9.745	701420	5.341 ug/ml
8) T n-Octadecane (C18)	11.185	721326	5.406 ug/ml
10) T n-Eicosane (C20)	12.493	695208	5.412 ug/ml
11) T n-Heneicosane (C21)	13.105	680195	5.385 ug/ml
13) T n-Docosane (C22)	13.690	677301	5.386 ug/ml
14) T n-Tetracosane (C24)	14.792	676857	5.371 ug/ml
15) T n-Hexacosane (C26)	15.811	666097	5.359 ug/ml
16) T n-Octacosane (C28)	16.759	677736	5.503 ug/ml
17) T n-Tricontane (C30)	17.647	712654	5.683 ug/ml
18) T n-Dotriacontane (C32)	18.478	709265	5.876 ug/ml
19) T n-Tetratriacontane (C34)	19.260	617762	5.844 ug/ml
20) T n-Hexatriacontane (C36)	20.000	533422	5.831 ug/ml
21) T n-Octatriacontane (C38)	20.724	480941	5.620 ug/ml
22) T n-Tetracontane (C40)	21.612	490214	5.903 ug/ml

(f)=RT Delta > 1/2 Window

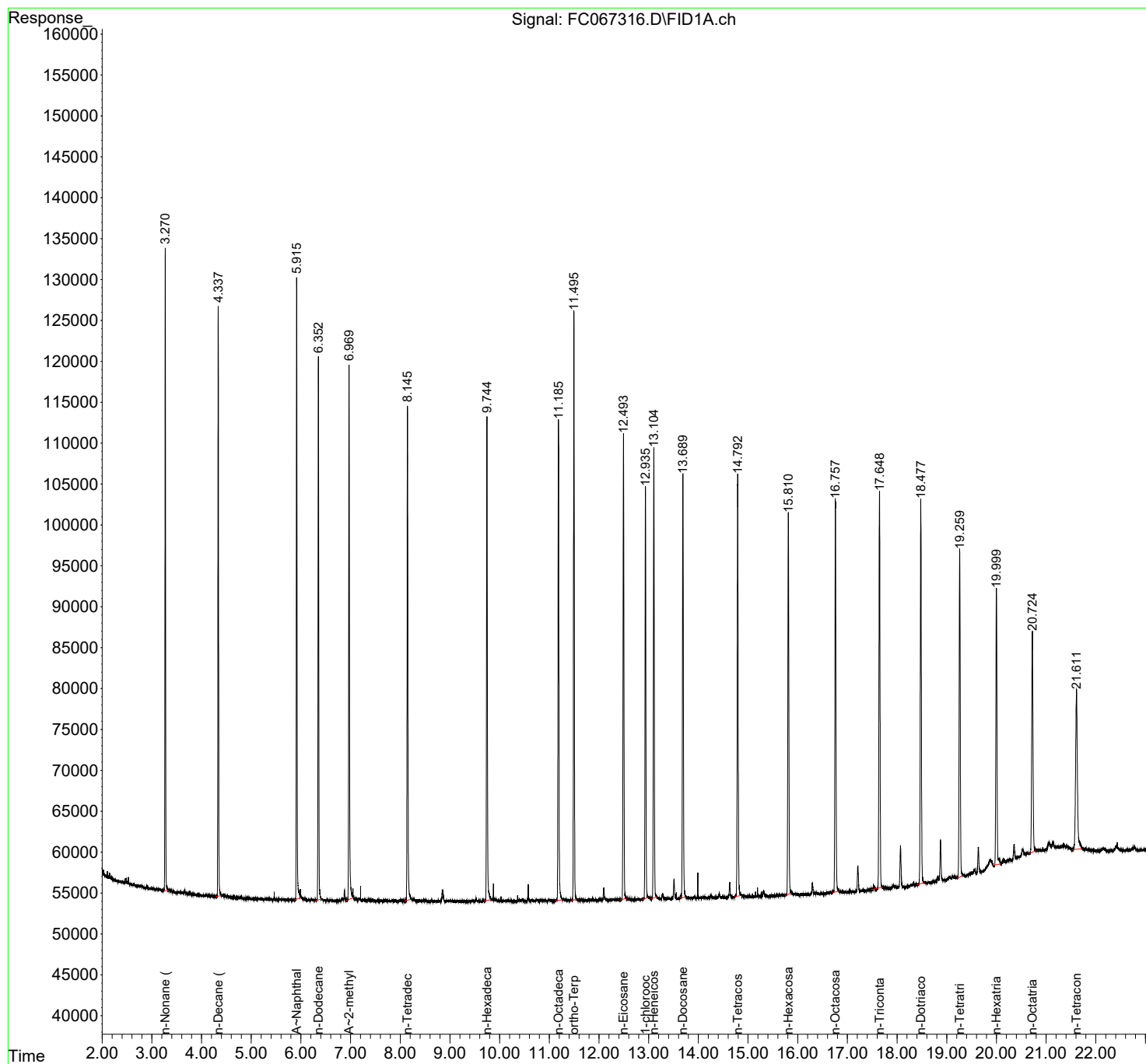
(m)=manual int.

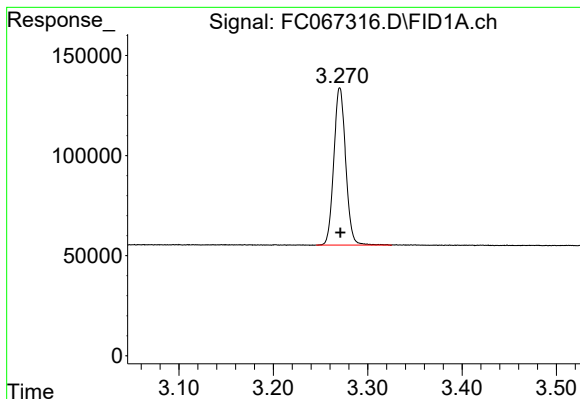
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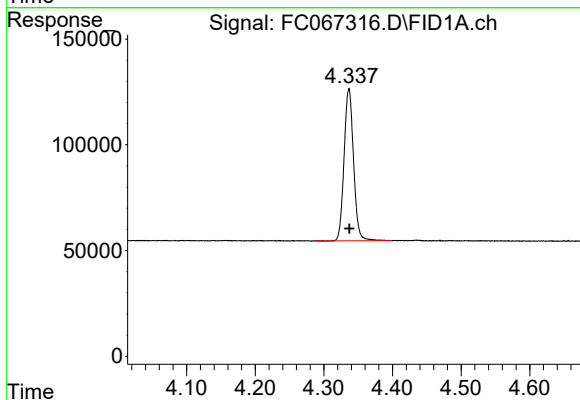




#1 n-Nonane (C9)

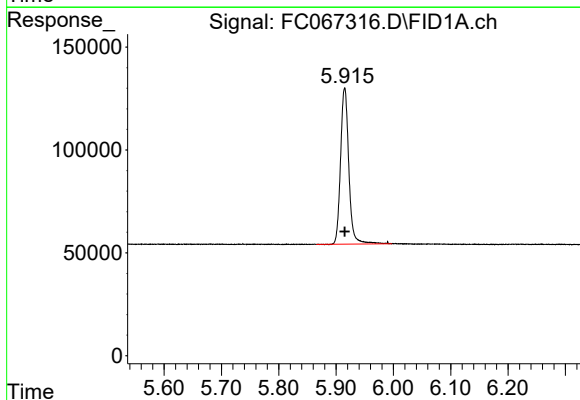
R.T.: 3.271 min
Delta R.T.: 0.000 min
Response: 686146
Conc: 5.53 ug/ml

Instrument :
FID_C
ClientSampleId :



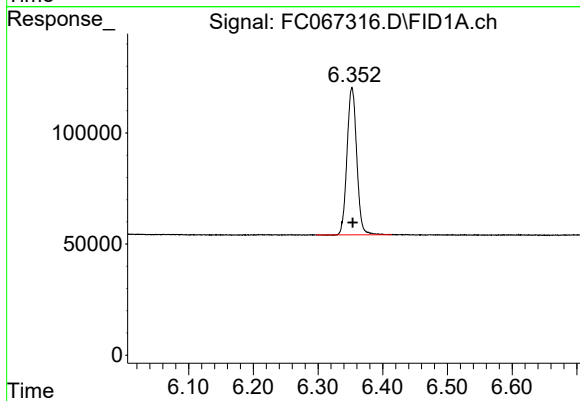
#2 n-Decane (C10)

R.T.: 4.336 min
Delta R.T.: 0.000 min
Response: 688670
Conc: 5.46 ug/ml



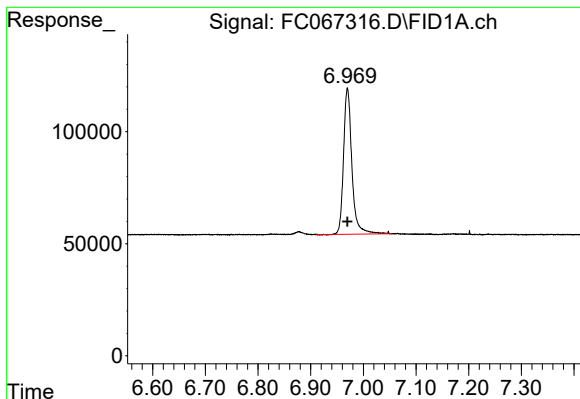
#3 A~Naphthalene (C11.7)

R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 757843
Conc: 5.44 ug/ml



#4 n-Dodecane (C12)

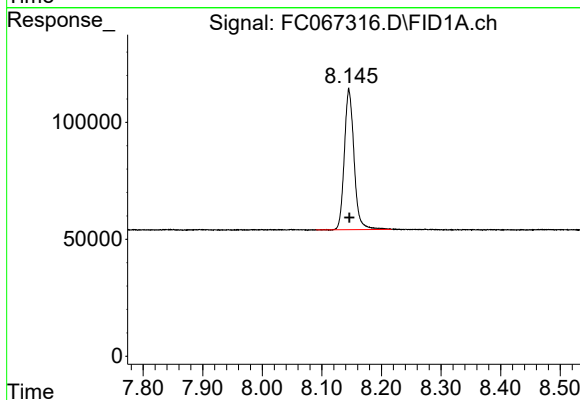
R.T.: 6.352 min
Delta R.T.: 0.000 min
Response: 691712
Conc: 5.42 ug/ml



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

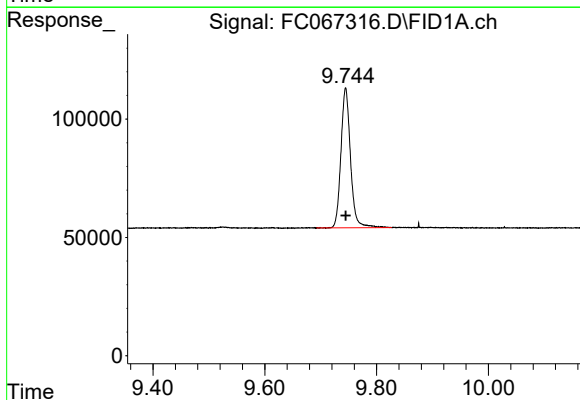
R.T.: 6.970 min
Delta R.T.: 0.000 min
Response: 719915
Conc: 5.31 ug/ml

Instrument :
FID_C
ClientSampleId :



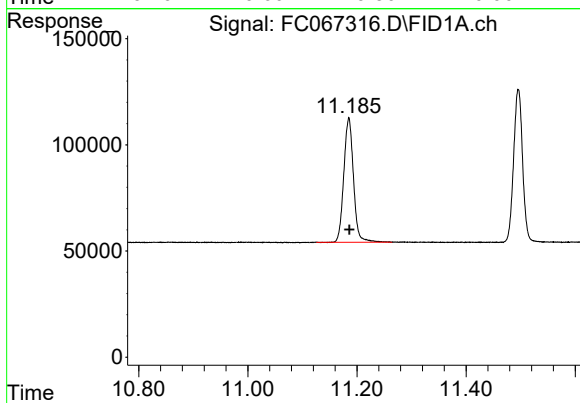
#6 n-Tetradecane (C14)

R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 680596
Conc: 5.36 ug/ml



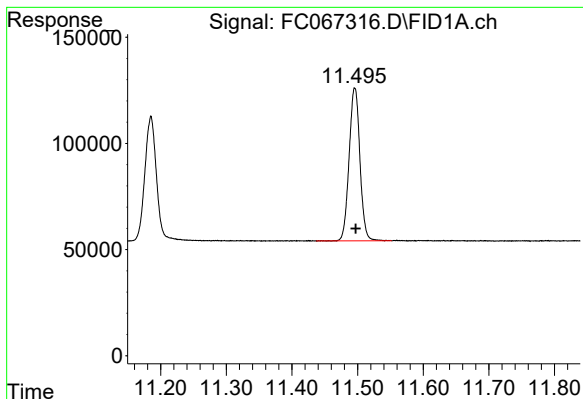
#7 n-Hexadecane (C16)

R.T.: 9.745 min
Delta R.T.: 0.000 min
Response: 701420
Conc: 5.34 ug/ml



#8 n-Octadecane (C18)

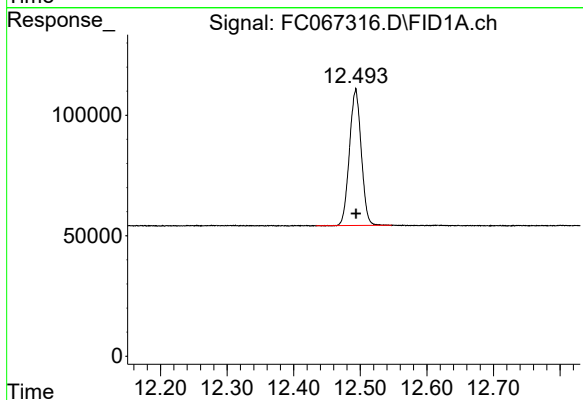
R.T.: 11.185 min
Delta R.T.: -0.001 min
Response: 721326
Conc: 5.41 ug/ml



#9 ortho-Terphenyl (SURR)

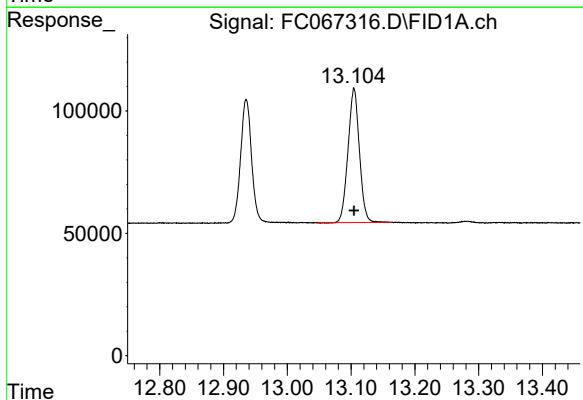
R.T.: 11.496 min
Delta R.T.: -0.001 min
Response: 821094
Conc: 5.51 ug/ml

Instrument :
FID_C
ClientSampleId :



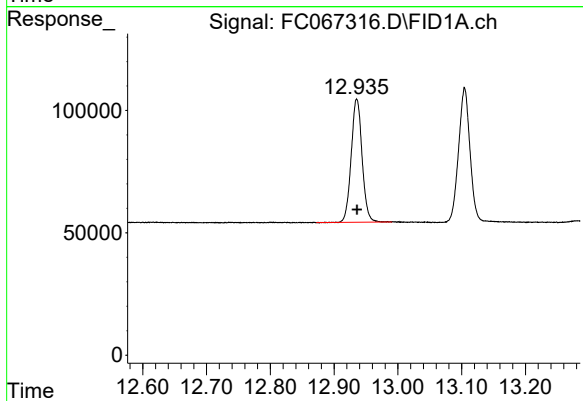
#10 n-Eicosane (C20)

R.T.: 12.493 min
Delta R.T.: 0.000 min
Response: 695208
Conc: 5.41 ug/ml



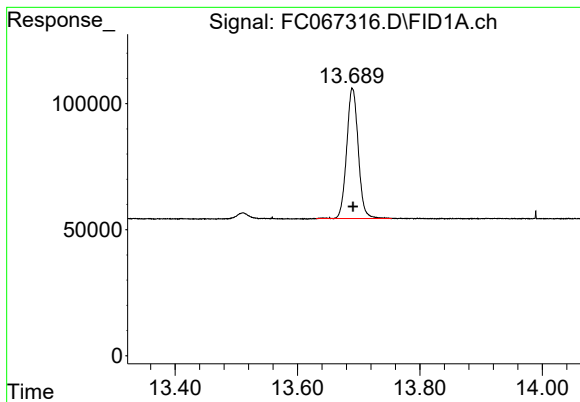
#11 n-Heneicosane (C21)

R.T.: 13.105 min
Delta R.T.: 0.000 min
Response: 680195
Conc: 5.39 ug/ml



#12 1-chlorooctadecane (SURR)

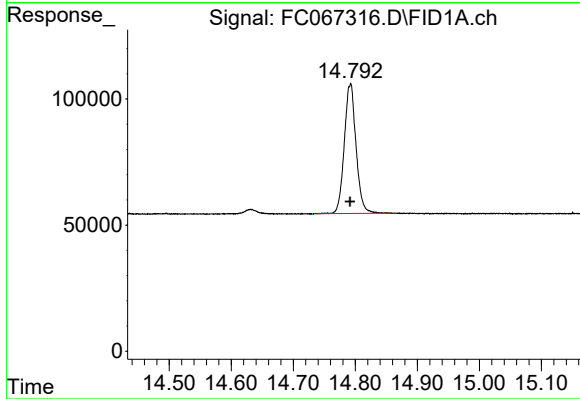
R.T.: 12.936 min
Delta R.T.: 0.000 min
Response: 597484
Conc: 5.35 ug/ml



#13 n-Docosane (C22)

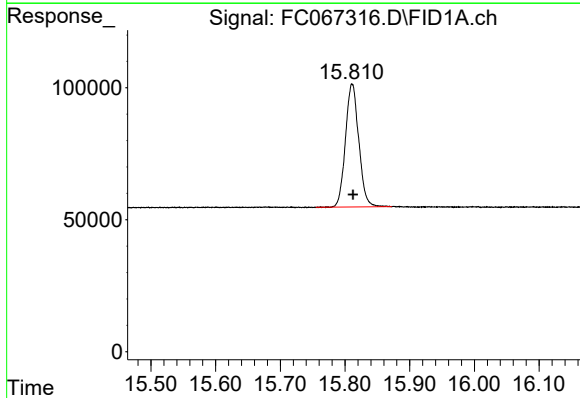
R.T.: 13.690 min
Delta R.T.: 0.000 min
Response: 677301
Conc: 5.39 ug/ml

Instrument :
FID_C
ClientSampleId :



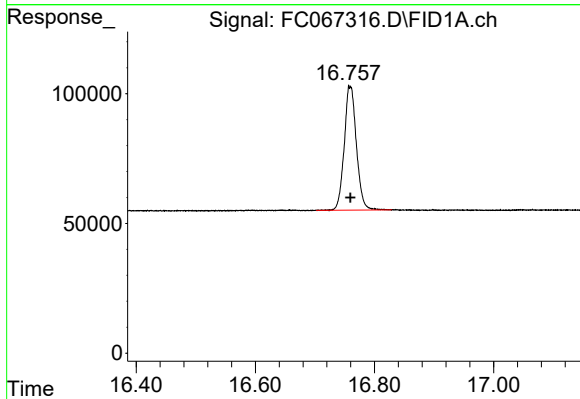
#14 n-Tetracosane (C24)

R.T.: 14.792 min
Delta R.T.: 0.000 min
Response: 676857
Conc: 5.37 ug/ml



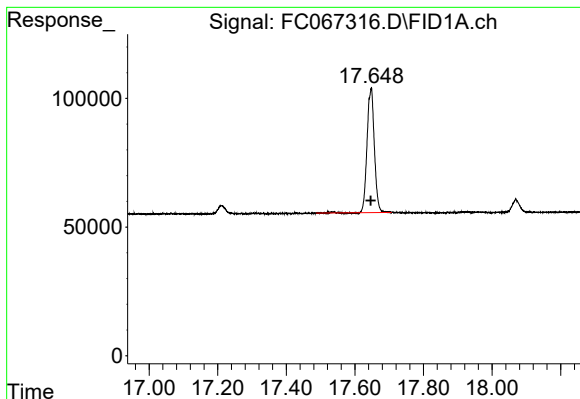
#15 n-Hexacosane (C26)

R.T.: 15.811 min
Delta R.T.: -0.002 min
Response: 666097
Conc: 5.36 ug/ml



#16 n-Octacosane (C28)

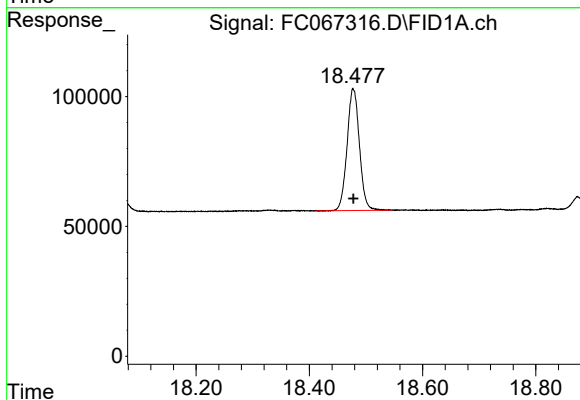
R.T.: 16.759 min
Delta R.T.: 0.000 min
Response: 677736
Conc: 5.50 ug/ml



#17 n-Tricontane (C30)

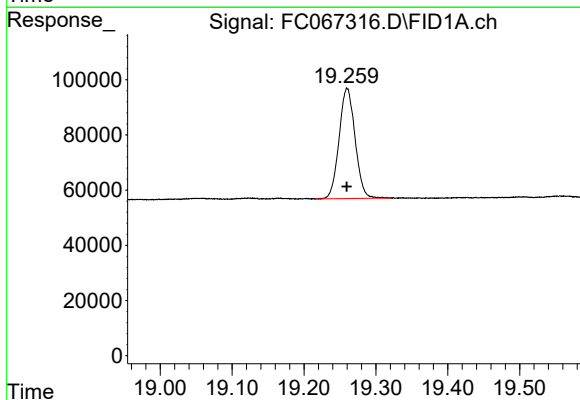
R.T.: 17.647 min
Delta R.T.: 0.000 min
Response: 712654
Conc: 5.68 ug/ml

Instrument :
FID_C
ClientSampleId :



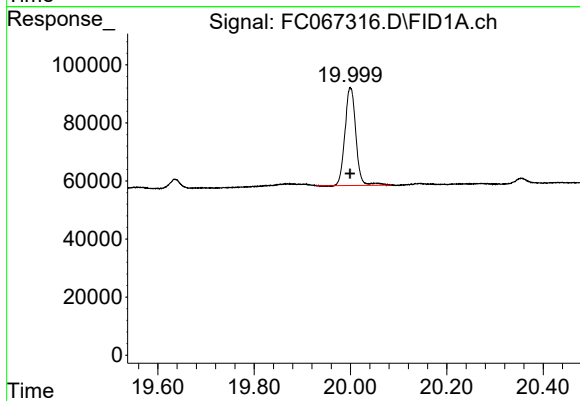
#18 n-Dotriacontane (C32)

R.T.: 18.478 min
Delta R.T.: 0.000 min
Response: 709265
Conc: 5.88 ug/ml



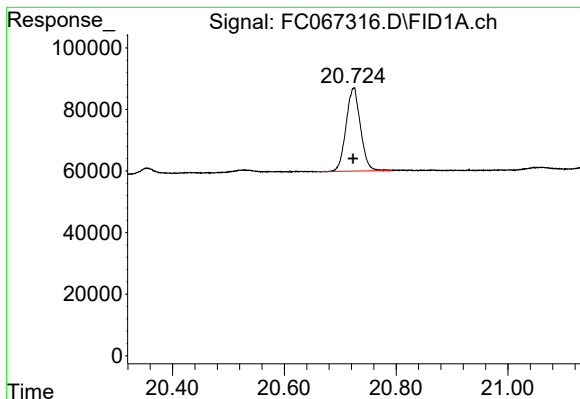
#19 n-Tetratriacontane (C34)

R.T.: 19.260 min
Delta R.T.: 0.000 min
Response: 617762
Conc: 5.84 ug/ml



#20 n-Hexatriacontane (C36)

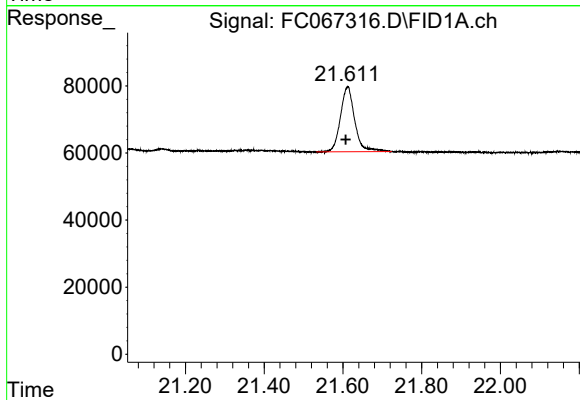
R.T.: 20.000 min
Delta R.T.: 0.000 min
Response: 533422
Conc: 5.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.724 min
Delta R.T.: 0.000 min
Response: 480941
Conc: 5.62 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.612 min
Delta R.T.: 0.004 min
Response: 490214
Conc: 5.90 ug/ml