

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111124AL\
 Data File : FC067701.D
 Signal(s) : FID1A.ch
 Acq On : 11 Nov 2024 19:36
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 11 20:46:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 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)	11.504	2977829	20.294 ug/ml
Spiked Amount 50.000		Recovery =	40.59%
12) S 1-chlorooctadecane (S...	12.942	2259979	20.928 ug/ml
Spiked Amount 50.000		Recovery =	41.86%
Target Compounds			
1) T n-Nonane (C9)	3.275	2747450	20.394 ug/ml
2) T n-Decane (C10)	4.340	2797889	20.536 ug/ml
3) T A~Naphthalene (C11.7)	5.923	3063319	20.672 ug/ml
4) T n-Dodecane (C12)	6.357	2794952	20.636 ug/ml
5) T A~2-methylnaphthalene...	6.979	2938027	20.804 ug/ml
6) T n-Tetradecane (C14)	8.150	2729631	20.796 ug/ml
7) T n-Hexadecane (C16)	9.749	2772917	20.991 ug/ml
8) T n-Octadecane (C18)	11.190	2749150	20.809 ug/ml
10) T n-Eicosane (C20)	12.498	2614378	20.720 ug/ml
11) T n-Heneicosane (C21)	13.110	2568632	20.813 ug/ml
13) T n-Docosane (C22)	13.696	2556793	20.881 ug/ml
14) T n-Tetracosane (C24)	14.797	2549989	21.038 ug/ml
15) T n-Hexacosane (C26)	15.816	2527868	21.233 ug/ml
16) T n-Octacosane (C28)	16.766	2457442	20.888 ug/ml
17) T n-Tricontane (C30)	17.652	2746271	22.721 ug/ml
18) T n-Dotriacontane (C32)	18.483	2508046	21.197 ug/ml
19) T n-Tetratriacontane (C34)	19.267	2329798	22.246 ug/ml
20) T n-Hexatriacontane (C36)	20.007	2653807	29.154 ug/ml
21) T n-Octatriacontane (C38)	20.730	7363740	85.029 ug/ml
22) T n-Tetracontane (C40)	21.623	1898019	22.327 ug/ml

(f)=RT Delta > 1/2 Window

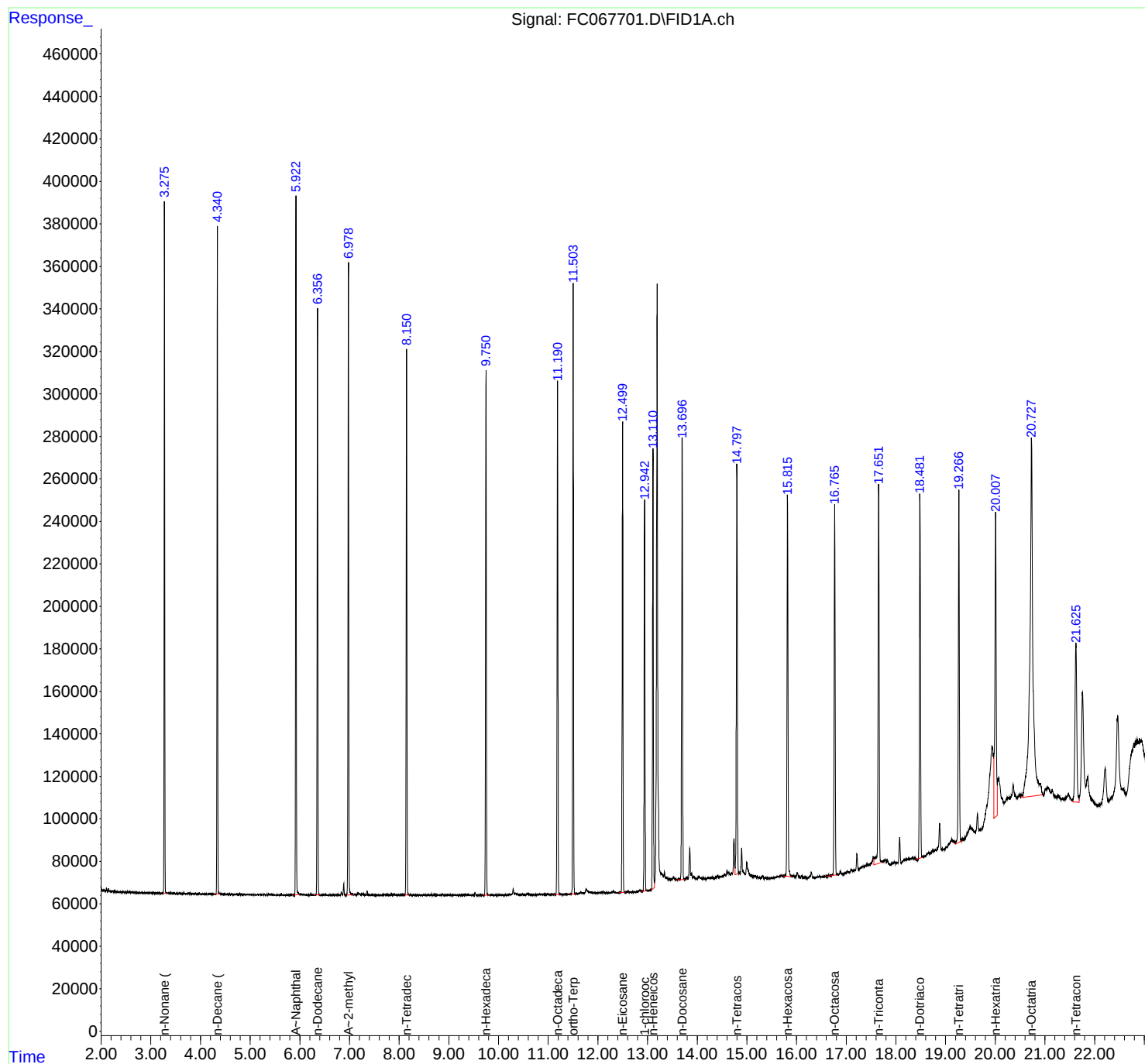
(m)=manual int.

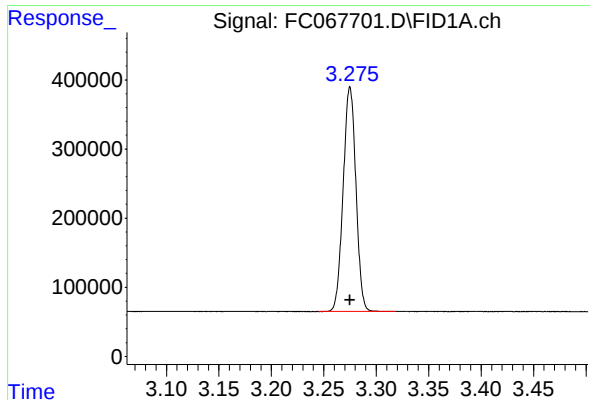
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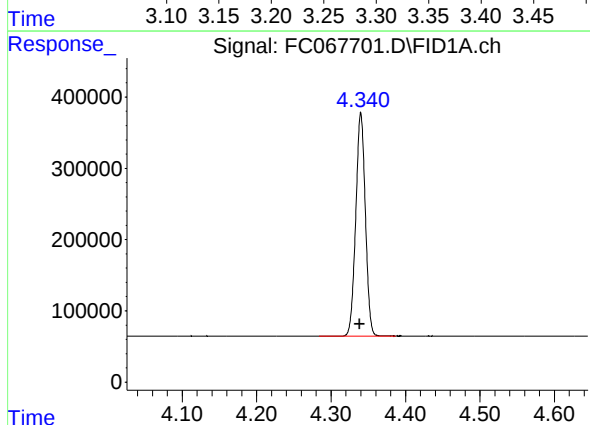




#1 n-Nonane (C9)

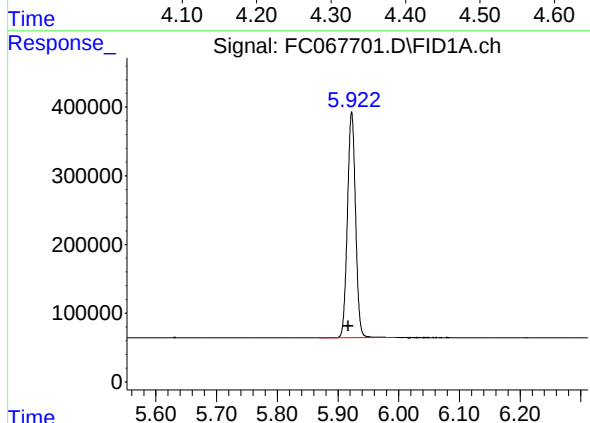
R.T.: 3.275 min
Delta R.T.: 0.000 min
Response: 2747450
Conc: 20.39 ug/ml

Instrument :
FID_D
ClientSampleId :



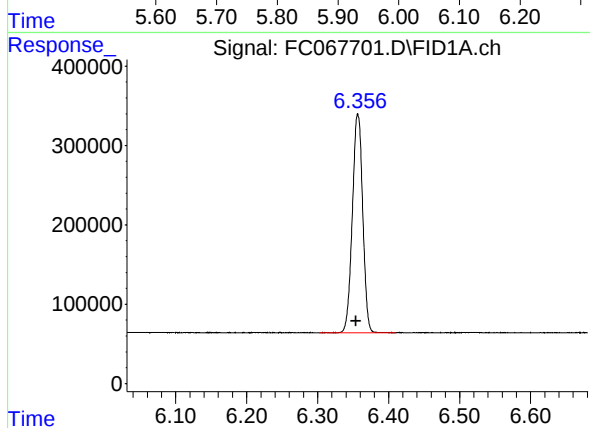
#2 n-Decane (C10)

R.T.: 4.340 min
Delta R.T.: 0.002 min
Response: 2797889
Conc: 20.54 ug/ml



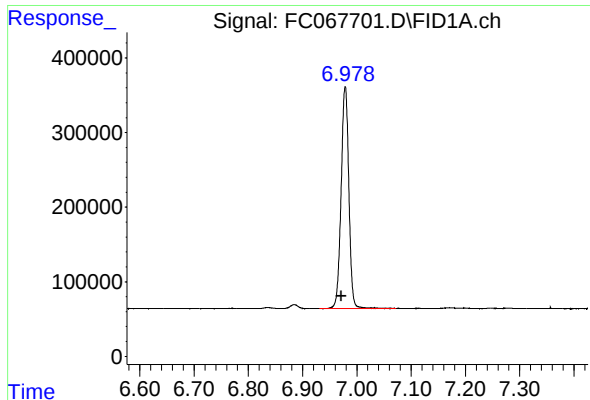
#3 A~Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: 0.006 min
Response: 3063319
Conc: 20.67 ug/ml



#4 n-Dodecane (C12)

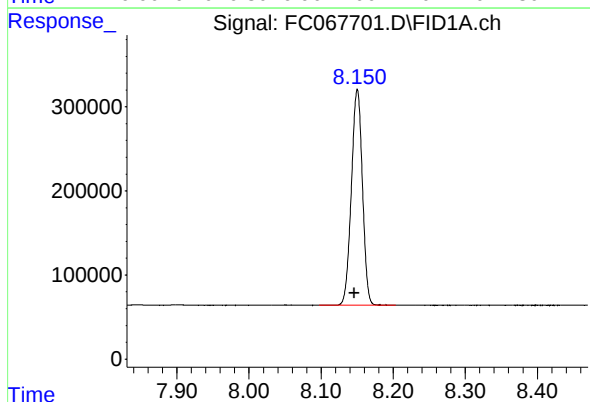
R.T.: 6.357 min
Delta R.T.: 0.003 min
Response: 2794952
Conc: 20.64 ug/ml



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

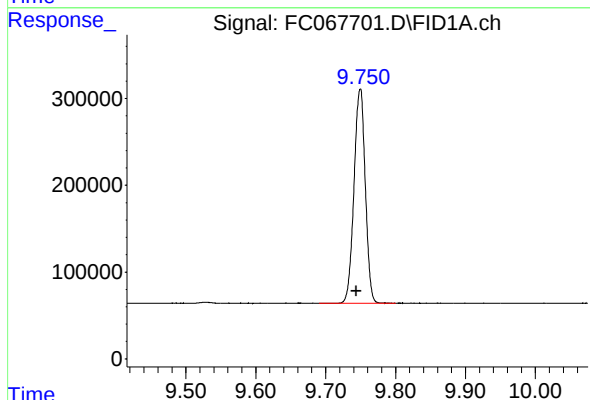
R.T.: 6.979 min
Delta R.T.: 0.007 min
Response: 2938027
Conc: 20.80 ug/ml

Instrument :
FID_D
ClientSampleId :



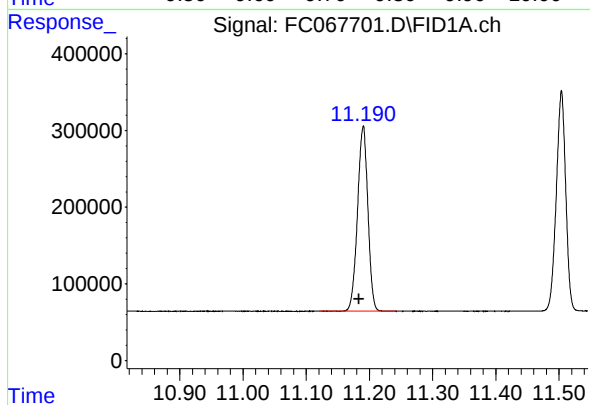
#6 n-Tetradecane (C14)

R.T.: 8.150 min
Delta R.T.: 0.004 min
Response: 2729631
Conc: 20.80 ug/ml



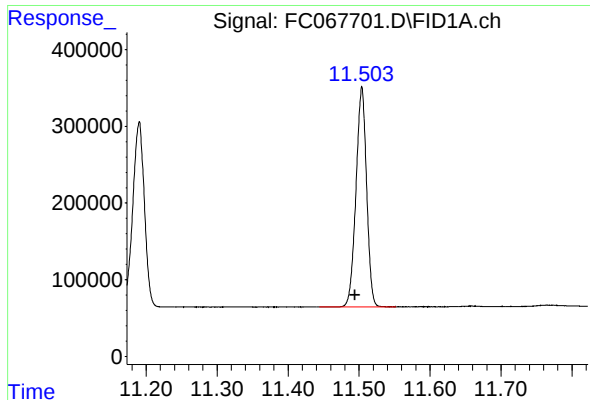
#7 n-Hexadecane (C16)

R.T.: 9.749 min
Delta R.T.: 0.005 min
Response: 2772917
Conc: 20.99 ug/ml



#8 n-Octadecane (C18)

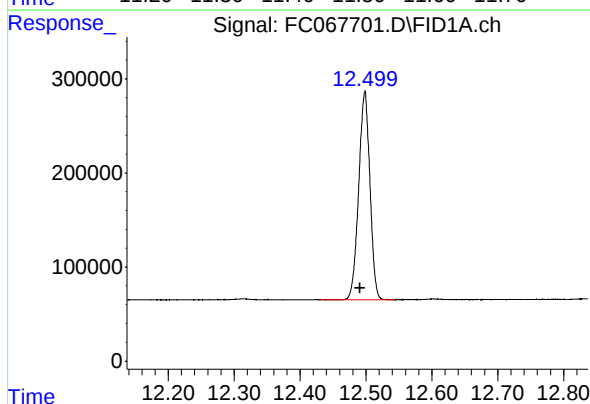
R.T.: 11.190 min
Delta R.T.: 0.006 min
Response: 2749150
Conc: 20.81 ug/ml



#9 ortho-Terphenyl (SURR)

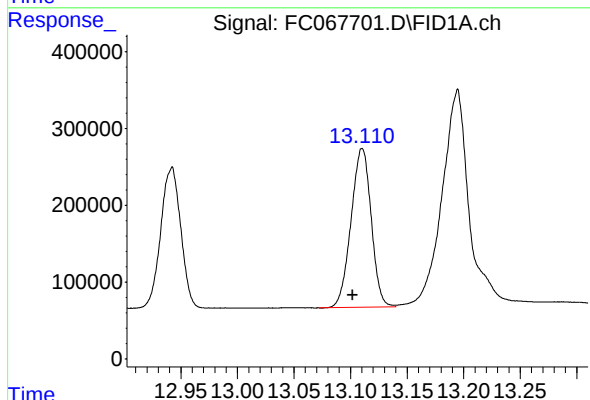
R.T.: 11.504 min
Delta R.T.: 0.010 min
Response: 2977829
Conc: 20.29 ug/ml

Instrument :
FID_D
ClientSampleId :



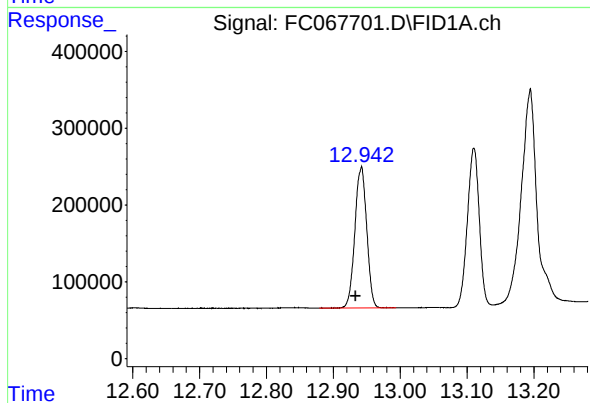
#10 n-Eicosane (C20)

R.T.: 12.498 min
Delta R.T.: 0.007 min
Response: 2614378
Conc: 20.72 ug/ml



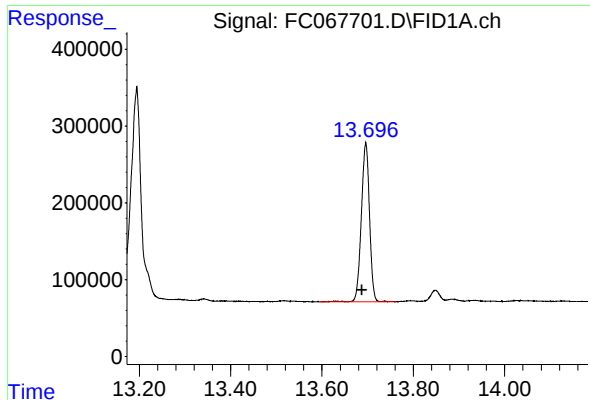
#11 n-Heneicosane (C21)

R.T.: 13.110 min
Delta R.T.: 0.008 min
Response: 2568632
Conc: 20.81 ug/ml



#12 1-chlorooctadecane (SURR)

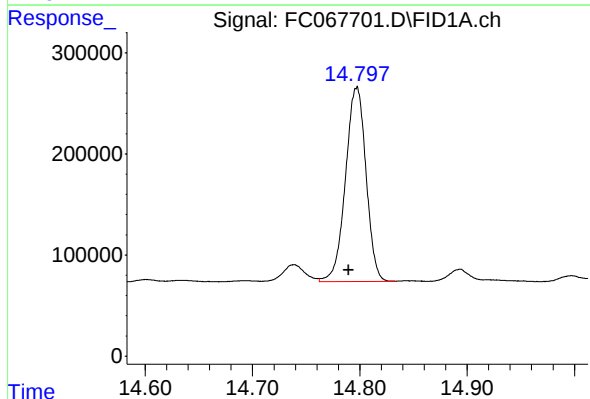
R.T.: 12.942 min
Delta R.T.: 0.008 min
Response: 2259979
Conc: 20.93 ug/ml



#13 n-Docosane (C22)

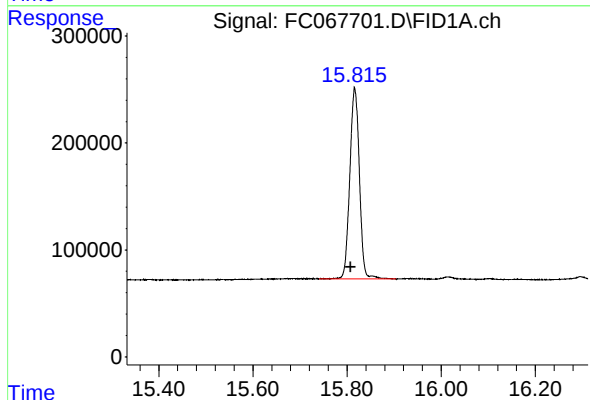
R.T.: 13.696 min
Delta R.T.: 0.009 min
Response: 2556793
Conc: 20.88 ug/ml

Instrument :
FID_D
ClientSampleId :



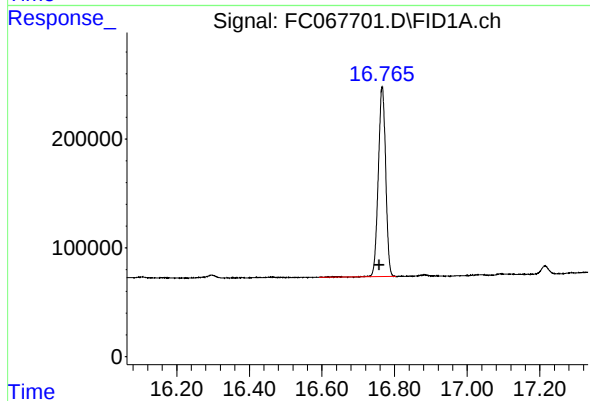
#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: 0.008 min
Response: 2549989
Conc: 21.04 ug/ml



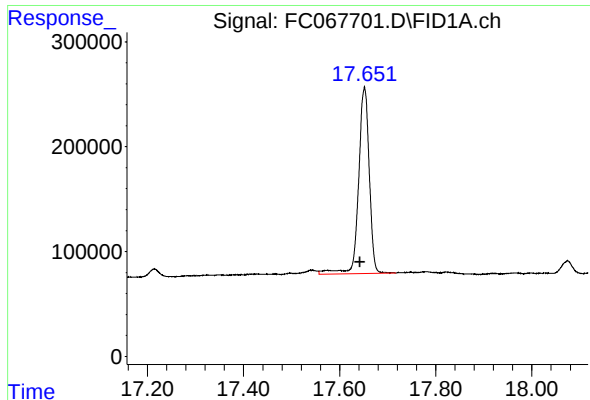
#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: 0.009 min
Response: 2527868
Conc: 21.23 ug/ml



#16 n-Octacosane (C28)

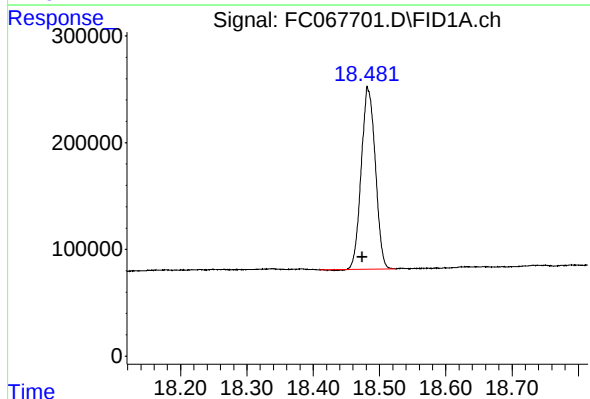
R.T.: 16.766 min
Delta R.T.: 0.008 min
Response: 2457442
Conc: 20.89 ug/ml



#17 n-Tricontane (C30)

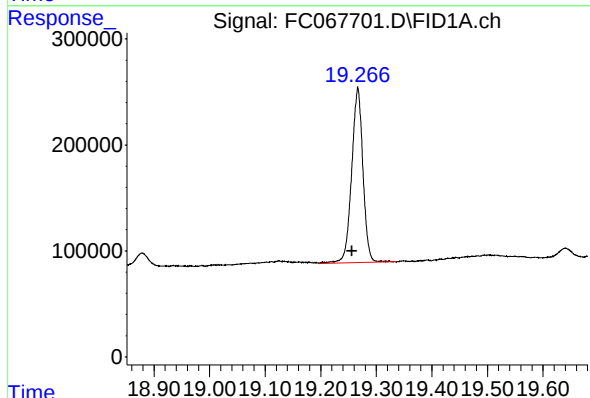
R.T.: 17.652 min
Delta R.T.: 0.009 min
Response: 2746271
Conc: 22.72 ug/ml

Instrument :
FID_D
ClientSampleId :



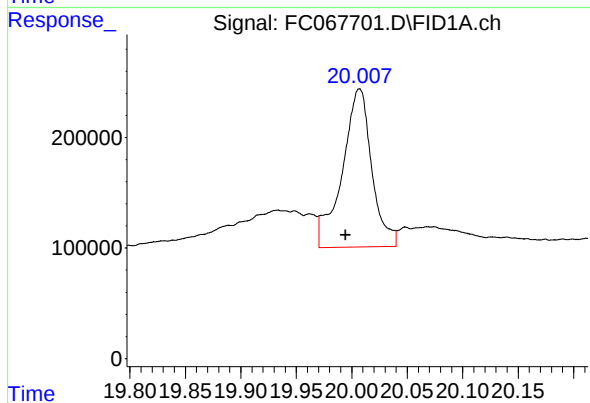
#18 n-Dotriacontane (C32)

R.T.: 18.483 min
Delta R.T.: 0.009 min
Response: 2508046
Conc: 21.20 ug/ml



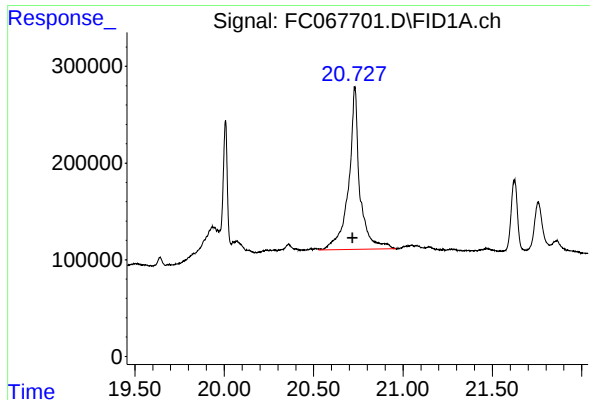
#19 n-Tetratriacontane (C34)

R.T.: 19.267 min
Delta R.T.: 0.010 min
Response: 2329798
Conc: 22.25 ug/ml



#20 n-Hexatriacontane (C36)

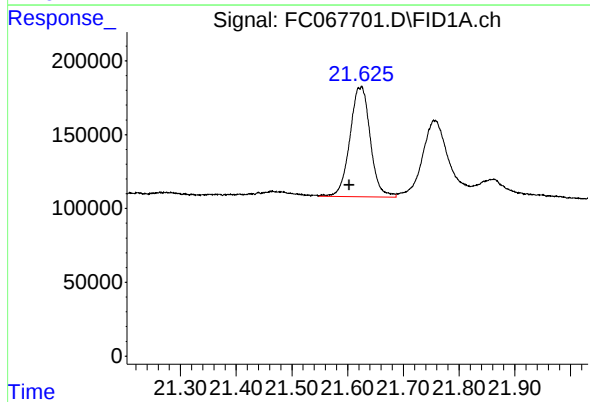
R.T.: 20.007 min
Delta R.T.: 0.012 min
Response: 2653807
Conc: 29.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.730 min
Delta R.T.: 0.012 min
Response: 7363740
Conc: 85.03 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.623 min
Delta R.T.: 0.020 min
Response: 1898019
Conc: 22.33 ug/ml