

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111224AL\
 Data File : FC067726.D
 Signal(s) : FID1A.ch
 Acq On : 13 Nov 2024 02:22
 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 13 03:56:26 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)	11.487	2989835	20.376 ug/ml
Spiked Amount 50.000		Recovery =	40.75%
12) S 1-chlorooctadecane (S...	12.925	2239915	20.742 ug/ml
Spiked Amount 50.000		Recovery =	41.48%
Target Compounds			
1) T n-Nonane (C9)	3.269	2745627	20.380 ug/ml
2) T n-Decane (C10)	4.333	2799816	20.550 ug/ml
3) T A~Naphthalene (C11.7)	5.910	3062381	20.665 ug/ml
4) T n-Dodecane (C12)	6.348	2780981	20.533 ug/ml
5) T A~2-methylnaphthalene...	6.964	2921715	20.689 ug/ml
6) T n-Tetradecane (C14)	8.139	2705695	20.613 ug/ml
7) T n-Hexadecane (C16)	9.736	2737783	20.725 ug/ml
8) T n-Octadecane (C18)	11.175	2732118	20.680 ug/ml
10) T n-Eicosane (C20)	12.482	2600059	20.606 ug/ml
11) T n-Heneicosane (C21)	13.093	2542194	20.599 ug/ml
13) T n-Docosane (C22)	13.678	2525406	20.624 ug/ml
14) T n-Tetracosane (C24)	14.780	2520484	20.794 ug/ml
15) T n-Hexacosane (C26)	15.797	2468127	20.731 ug/ml
16) T n-Octacosane (C28)	16.747	2479838	21.079 ug/ml
17) T n-Tricontane (C30)	17.633	2624426	21.713 ug/ml
18) T n-Dotriacontane (C32)	18.463	2592657	21.912 ug/ml
19) T n-Tetratriacontane (C34)	19.245	2294908	21.913 ug/ml
20) T n-Hexatriacontane (C36)	19.982	1983694	21.792 ug/ml
21) T n-Octatriacontane (C38)	20.703	1846965	21.327 ug/ml
22) T n-Tetracontane (C40)	21.583	1779019	20.927 ug/ml

(f)=RT Delta > 1/2 Window

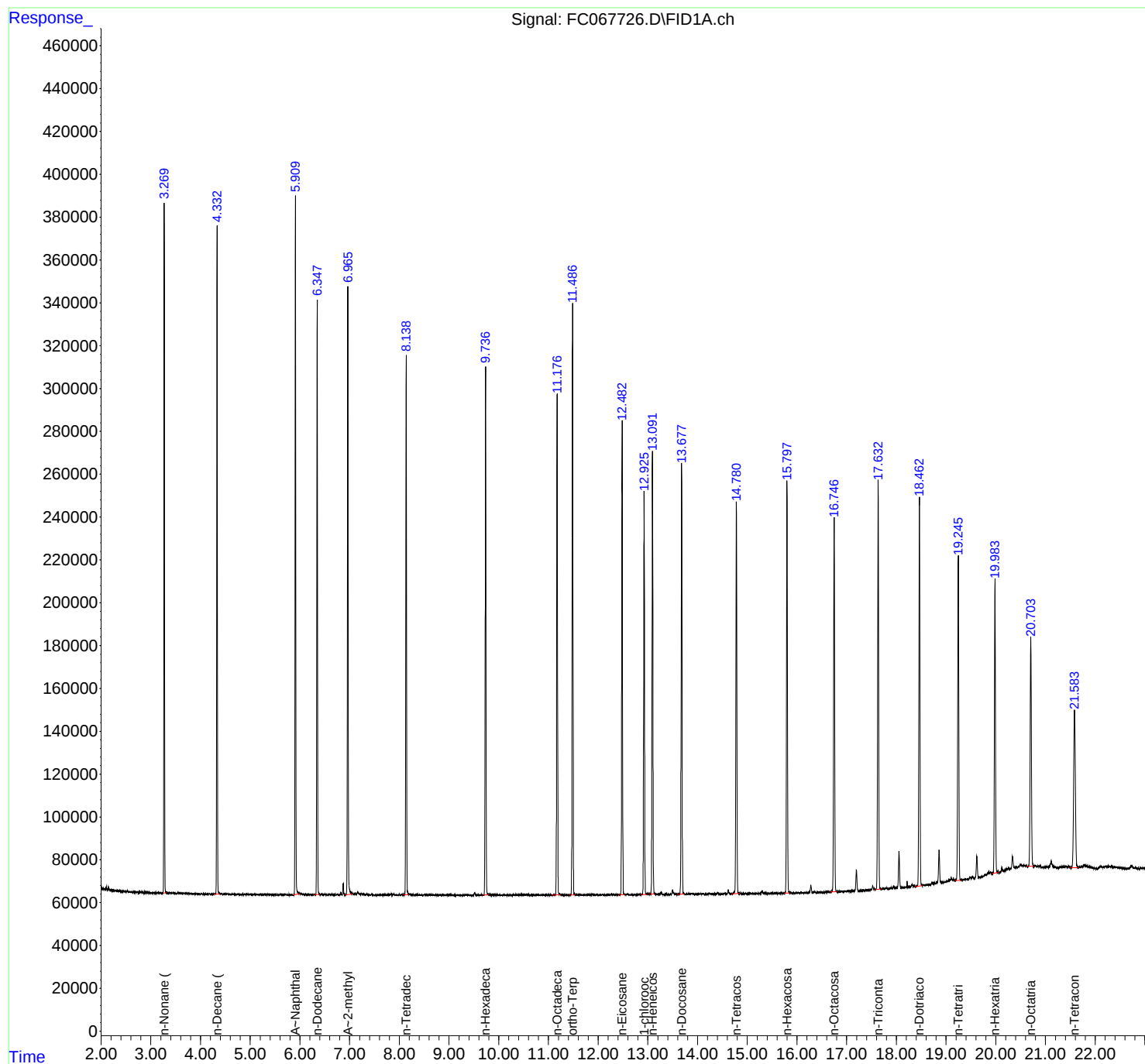
(m)=manual int.

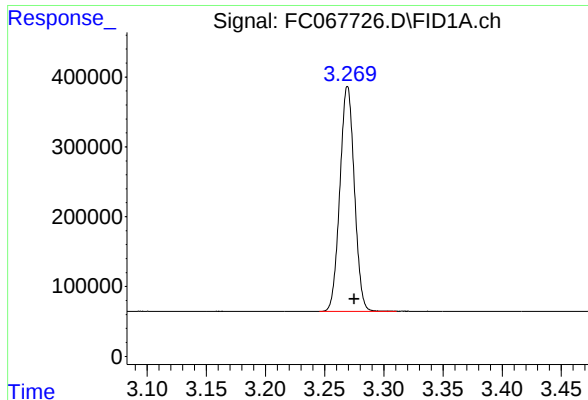
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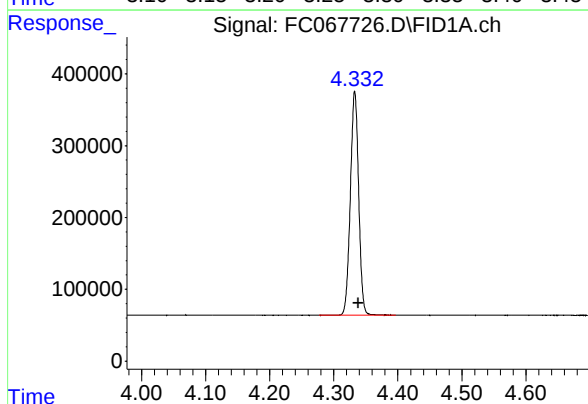




#1 n-Nonane (C9)

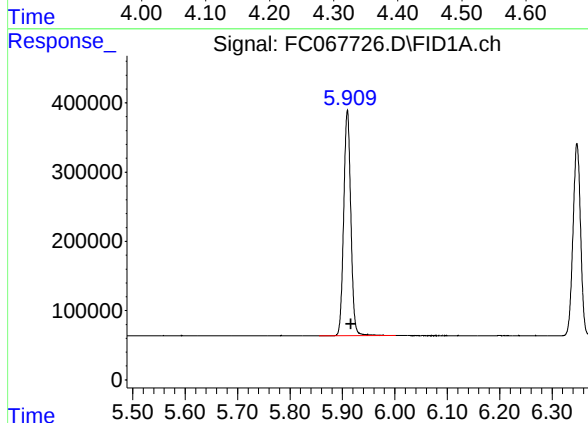
R.T.: 3.269 min
Delta R.T.: -0.006 min
Response: 2745627
Conc: 20.38 ug/ml

Instrument :
FID_D
ClientSampleId :



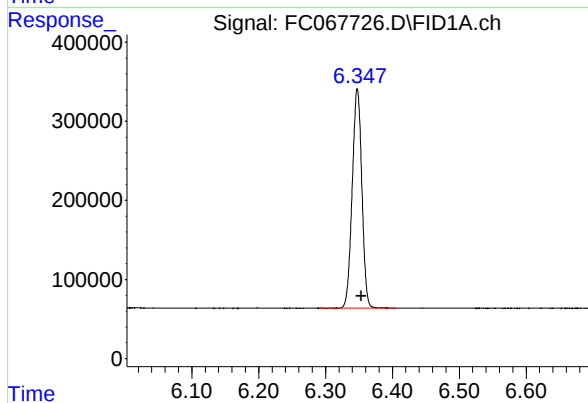
#2 n-Decane (C10)

R.T.: 4.333 min
Delta R.T.: -0.006 min
Response: 2799816
Conc: 20.55 ug/ml



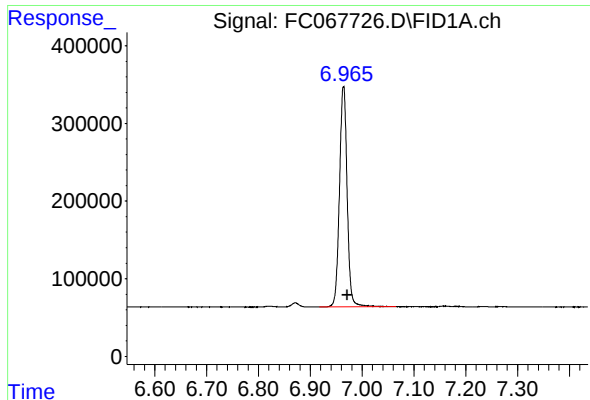
#3 A~Naphthalene (C11.7)

R.T.: 5.910 min
Delta R.T.: -0.007 min
Response: 3062381
Conc: 20.67 ug/ml



#4 n-Dodecane (C12)

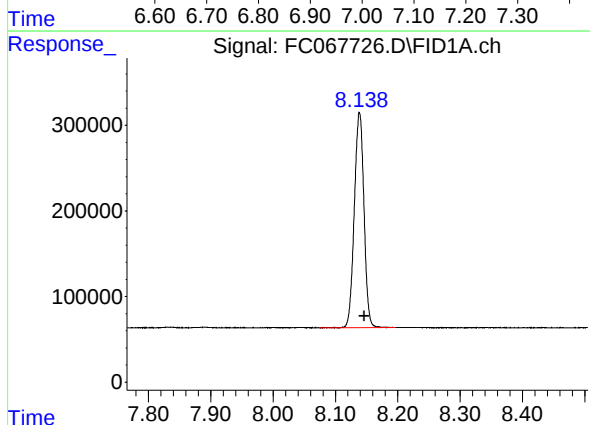
R.T.: 6.348 min
Delta R.T.: -0.006 min
Response: 2780981
Conc: 20.53 ug/ml



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

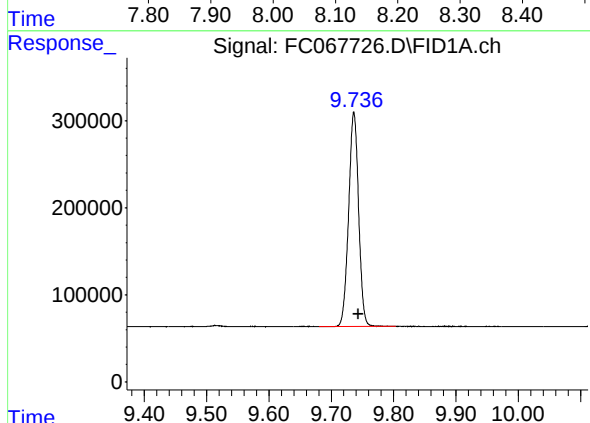
R.T.: 6.964 min
Delta R.T.: -0.007 min
Response: 2921715
Conc: 20.69 ug/ml

Instrument :
FID_D
ClientSampleId :



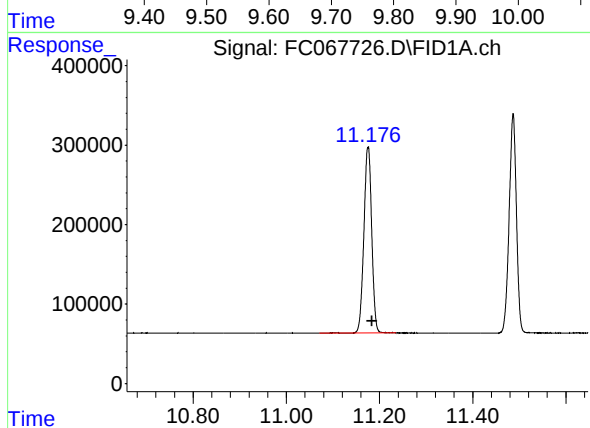
#6 n-Tetradecane (C14)

R.T.: 8.139 min
Delta R.T.: -0.007 min
Response: 2705695
Conc: 20.61 ug/ml



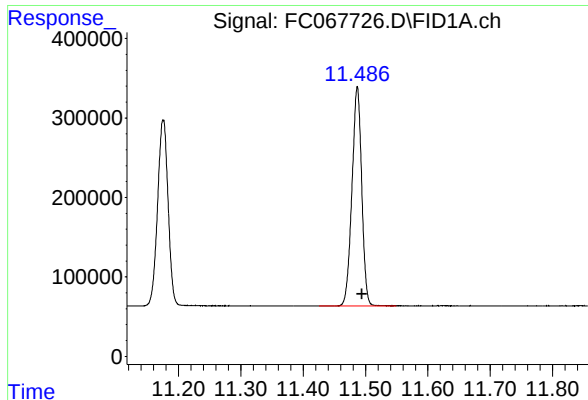
#7 n-Hexadecane (C16)

R.T.: 9.736 min
Delta R.T.: -0.007 min
Response: 2737783
Conc: 20.72 ug/ml



#8 n-Octadecane (C18)

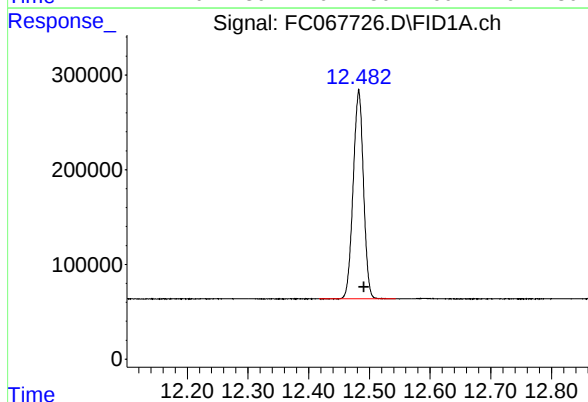
R.T.: 11.175 min
Delta R.T.: -0.008 min
Response: 2732118
Conc: 20.68 ug/ml



#9 ortho-Terphenyl (SURR)

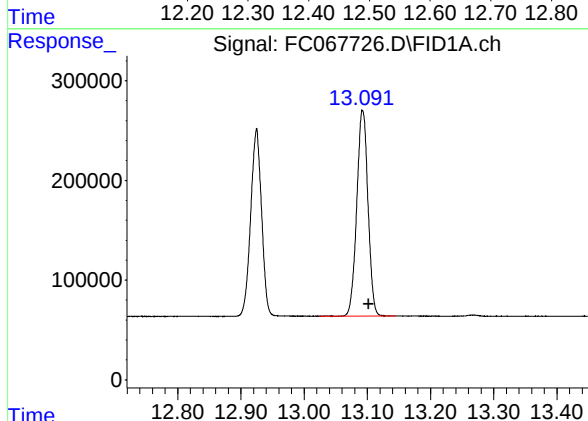
R.T.: 11.487 min
Delta R.T.: -0.007 min
Response: 2989835
Conc: 20.38 ug/ml

Instrument :
FID_D
ClientSampleId :



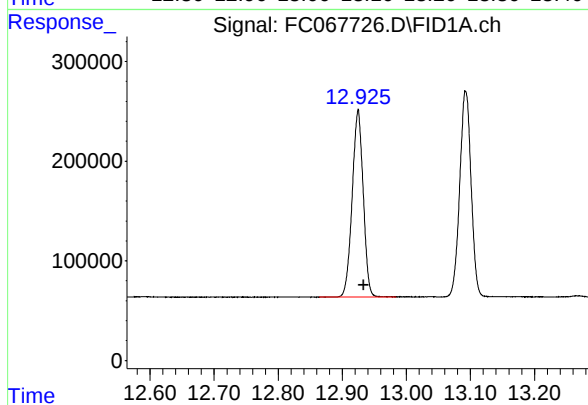
#10 n-Eicosane (C20)

R.T.: 12.482 min
Delta R.T.: -0.008 min
Response: 2600059
Conc: 20.61 ug/ml



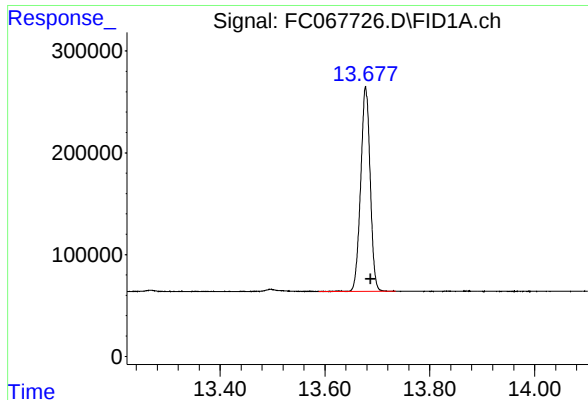
#11 n-Heneicosane (C21)

R.T.: 13.093 min
Delta R.T.: -0.009 min
Response: 2542194
Conc: 20.60 ug/ml



#12 1-chlorooctadecane (SURR)

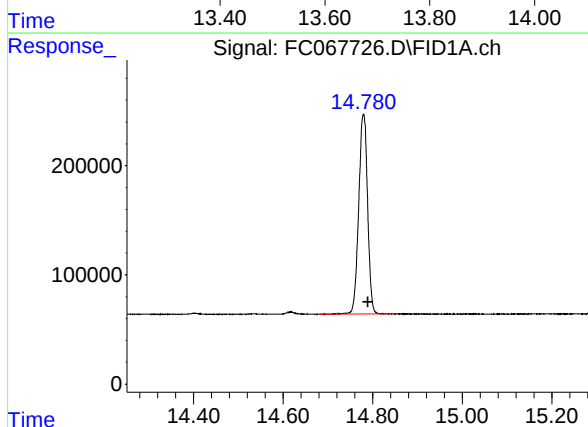
R.T.: 12.925 min
Delta R.T.: -0.008 min
Response: 2239915
Conc: 20.74 ug/ml



#13 n-Docosane (C22)

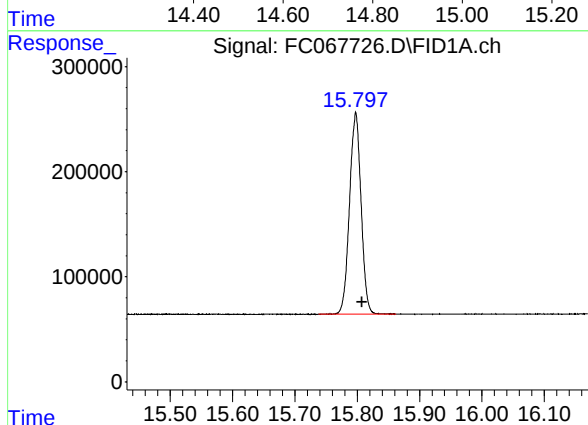
R.T.: 13.678 min
Delta R.T.: -0.009 min
Response: 2525406
Conc: 20.62 ug/ml

Instrument :
FID_D
ClientSampleId :



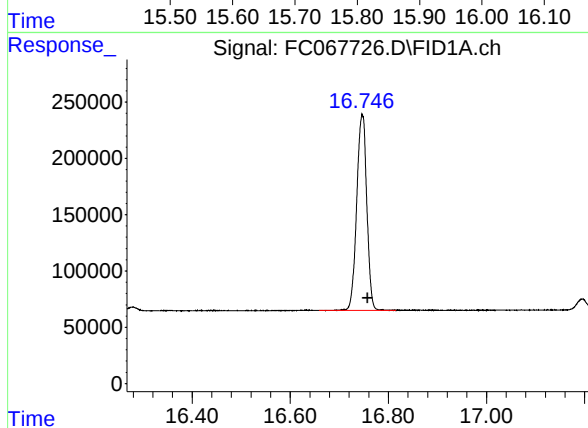
#14 n-Tetracosane (C24)

R.T.: 14.780 min
Delta R.T.: -0.010 min
Response: 2520484
Conc: 20.79 ug/ml



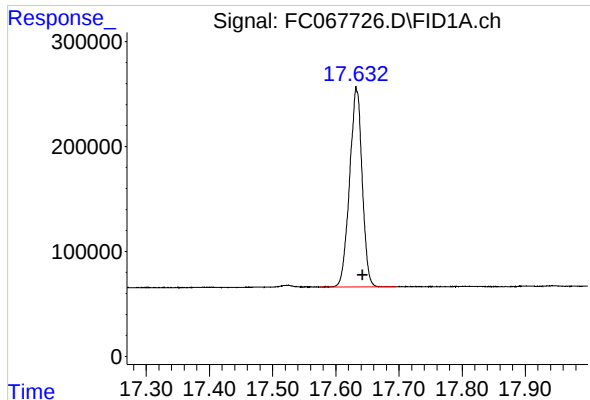
#15 n-Hexacosane (C26)

R.T.: 15.797 min
Delta R.T.: -0.010 min
Response: 2468127
Conc: 20.73 ug/ml



#16 n-Octacosane (C28)

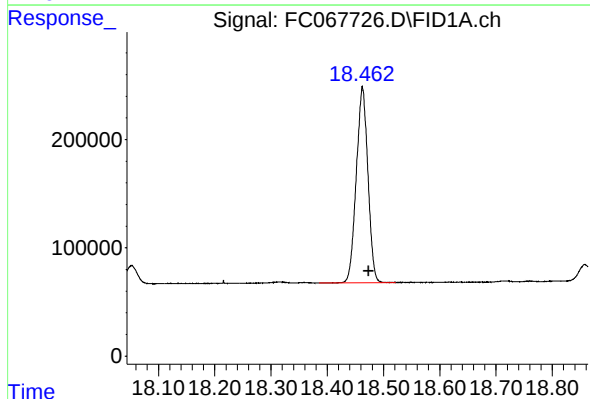
R.T.: 16.747 min
Delta R.T.: -0.011 min
Response: 2479838
Conc: 21.08 ug/ml



#17 n-Tricontane (C30)

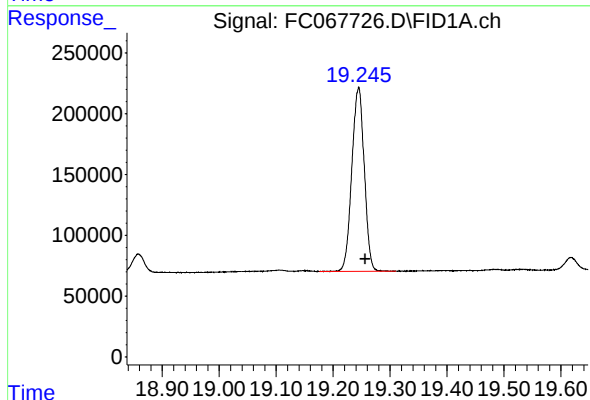
R.T.: 17.633 min
Delta R.T.: -0.010 min
Response: 2624426
Conc: 21.71 ug/ml

Instrument :
FID_D
ClientSampleId :



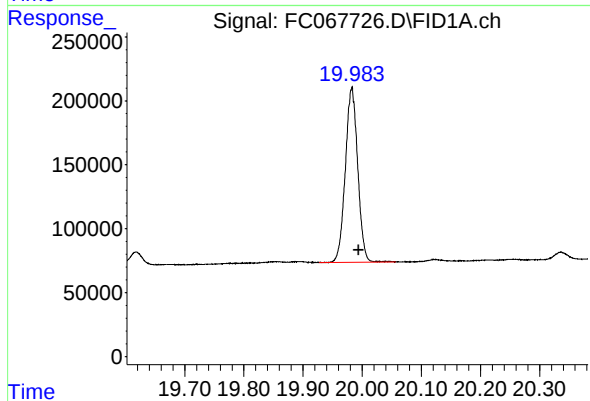
#18 n-Dotriacontane (C32)

R.T.: 18.463 min
Delta R.T.: -0.011 min
Response: 2592657
Conc: 21.91 ug/ml



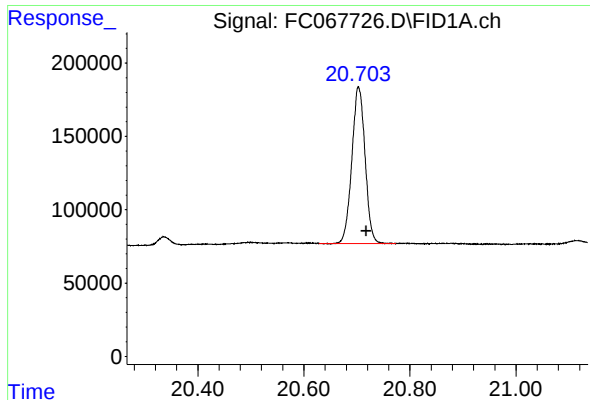
#19 n-Tetatriacontane (C34)

R.T.: 19.245 min
Delta R.T.: -0.012 min
Response: 2294908
Conc: 21.91 ug/ml



#20 n-Hexatriacontane (C36)

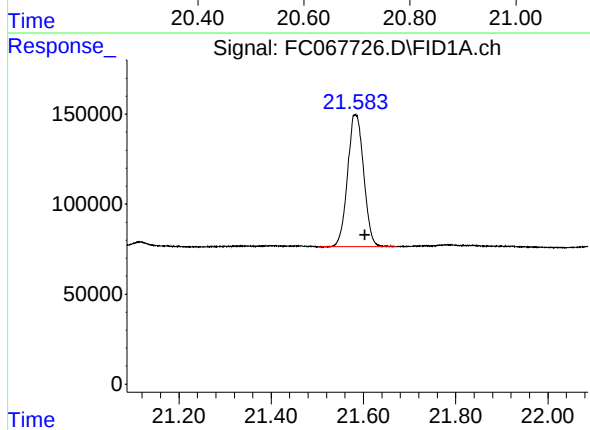
R.T.: 19.982 min
Delta R.T.: -0.012 min
Response: 1983694
Conc: 21.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.703 min
Delta R.T.: -0.015 min
Response: 1846965
Conc: 21.33 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.583 min
Delta R.T.: -0.021 min
Response: 1779019
Conc: 20.93 ug/ml