

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112023AL\
 Data File : FC065229.D
 Signal(s) : FID1A.ch
 Acq On : 20 Nov 2023 14:09
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 21 00:11:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 2023
 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)	11.507	4430392	20.130 ug/ml
Spiked Amount 50.000		Recovery =	40.26%
12) S 1-chlorooctadecane (S...	12.939	3188573	20.170 ug/ml
Spiked Amount 50.000		Recovery =	40.34%
Target Compounds			
1) T n-Nonane (C9)	3.306	3792340	20.058 ug/ml
2) T n-Decane (C10)	4.367	3826342	20.123 ug/ml
3) T A~Naphthalene (C11.7)	5.947	3909545	20.249 ug/ml
4) T n-Dodecane (C12)	6.377	3892324	20.149 ug/ml
5) T A~2-methylnaphthalene...	7.001	3850829	20.955 ug/ml
6) T n-Tetradecane (C14)	8.165	3804423	20.162 ug/ml
7) T n-Hexadecane (C16)	9.758	3843207	20.332 ug/ml
8) T n-Octadecane (C18)	11.193	3819133	20.236 ug/ml
10) T n-Eicosane (C20)	12.496	3623176	20.153 ug/ml
11) T n-Heneicosane (C21)	13.105	3529815	20.105 ug/ml
13) T n-Docosane (C22)	13.688	3463845	20.165 ug/ml
14) T n-Tetracosane (C24)	14.785	3327898	19.981 ug/ml
15) T n-Hexacosane (C26)	15.802	3195931	19.911 ug/ml
16) T n-Octacosane (C28)	16.747	3044996	19.457 ug/ml
17) T n-Tricontane (C30)	17.630	3149807	19.886 ug/ml
18) T n-Dotriacontane (C32)	18.457	3127302	19.806 ug/ml
19) T n-Tetratriacontane (C34)	19.240	3034147	19.878 ug/ml
20) T n-Hexatriacontane (C36)	19.976	2962995	19.638 ug/ml
21) T n-Octatriacontane (C38)	20.693	2932652	19.707 ug/ml
22) T n-Tetracontane (C40)	21.569	2896510	19.694 ug/ml

(f)=RT Delta > 1/2 Window

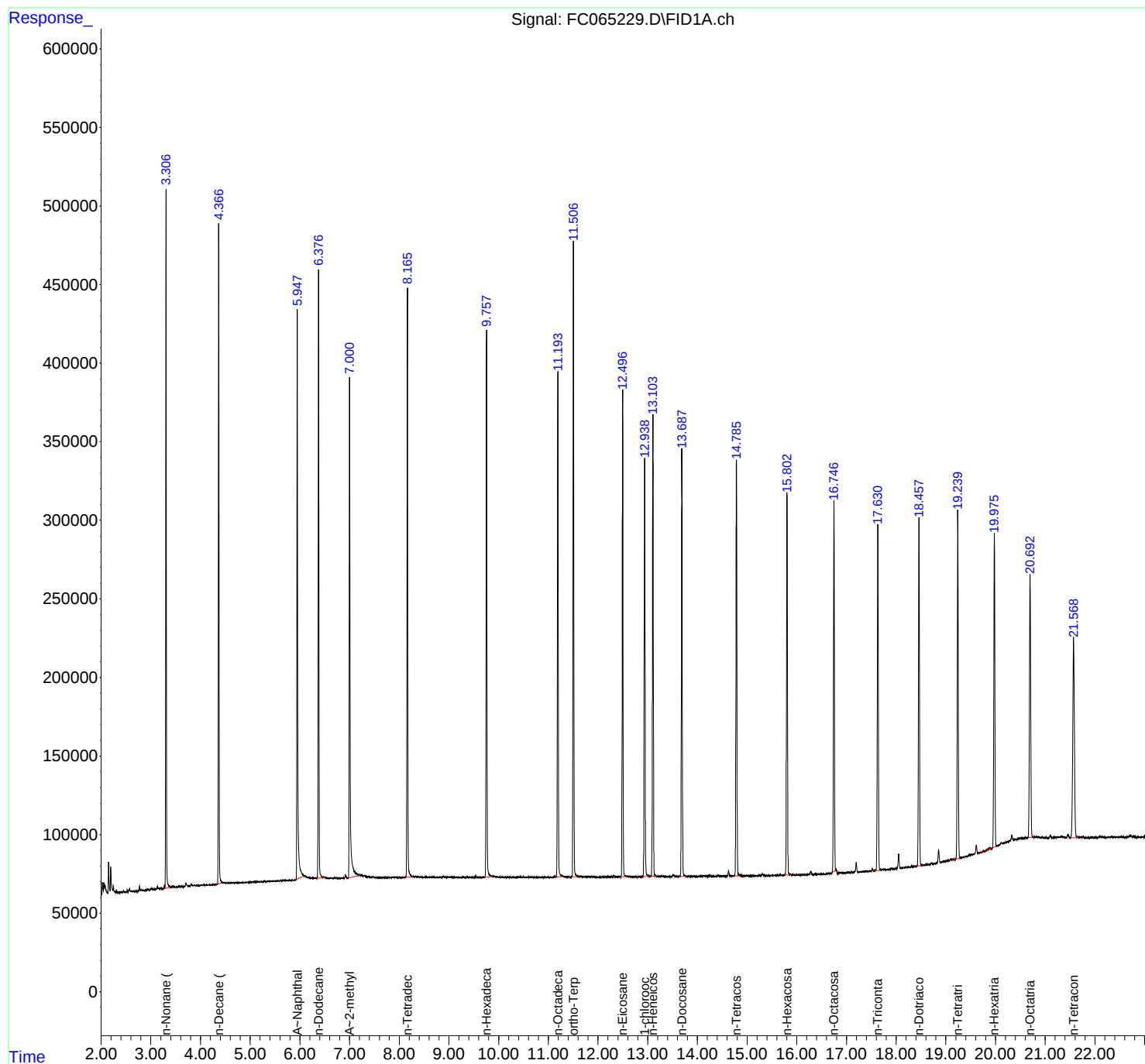
(m)=manual int.

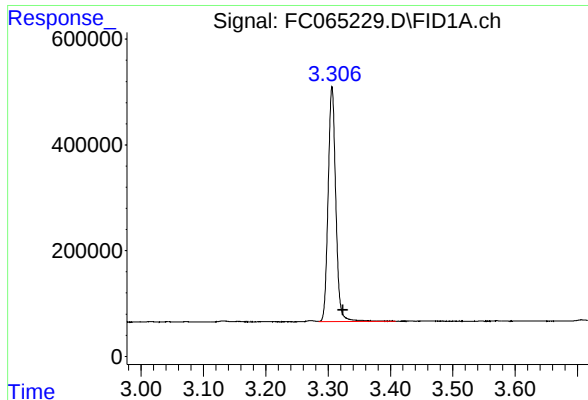
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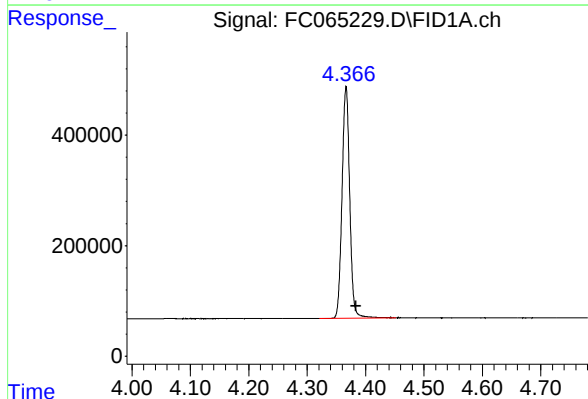




#1 n-Nonane (C9)

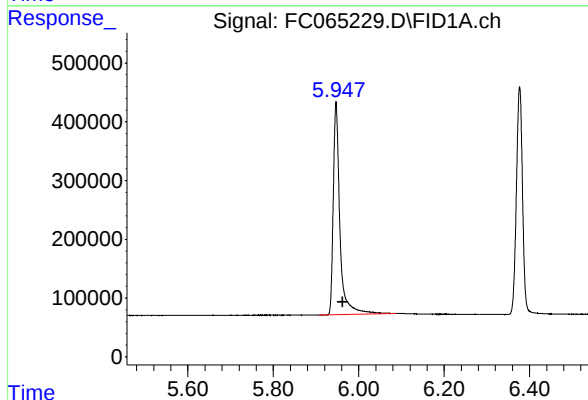
R.T.: 3.306 min
Delta R.T.: -0.018 min
Response: 3792340
Conc: 20.06 ug/ml

Instrument :
FID_C
ClientSampleId :



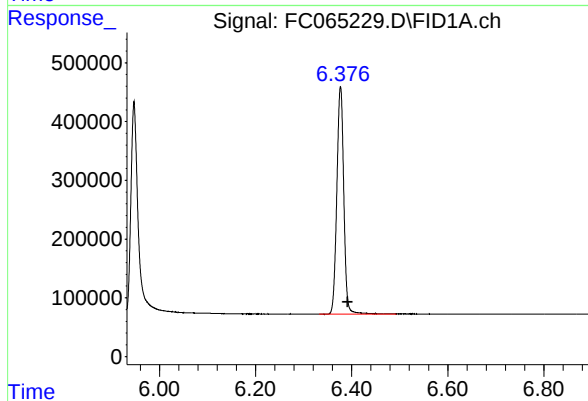
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.017 min
Response: 3826342
Conc: 20.12 ug/ml



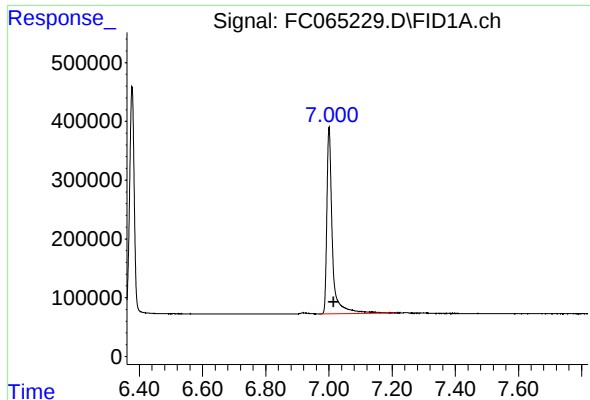
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.016 min
Response: 3909545
Conc: 20.25 ug/ml



#4 n-Dodecane (C12)

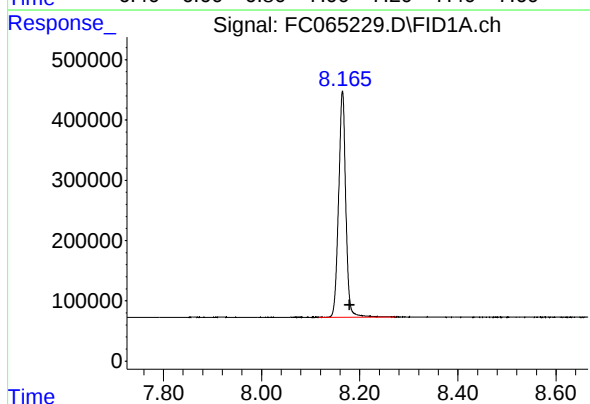
R.T.: 6.377 min
Delta R.T.: -0.015 min
Response: 3892324
Conc: 20.15 ug/ml



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

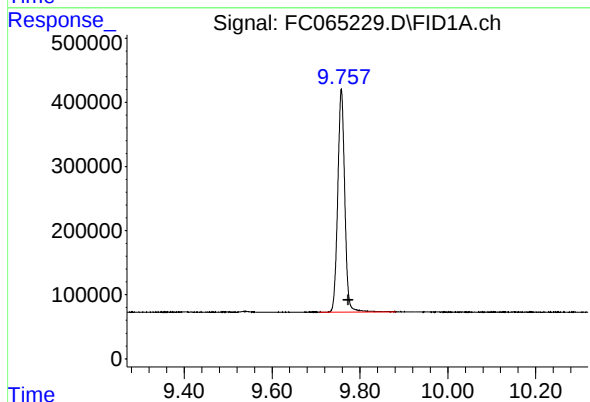
R.T.: 7.001 min
Delta R.T.: -0.015 min
Response: 3850829
Conc: 20.96 ug/ml

Instrument :
FID_C
ClientSampleId :



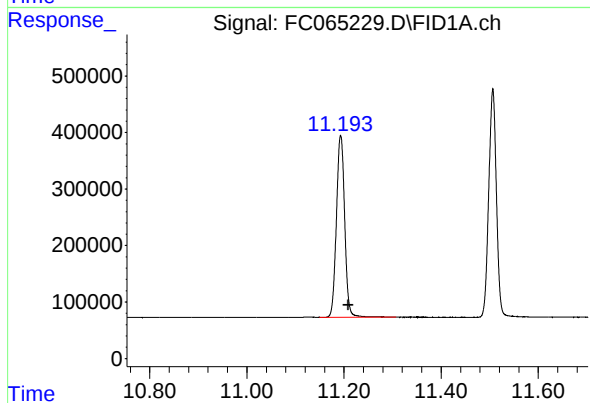
#6 n-Tetradecane (C14)

R.T.: 8.165 min
Delta R.T.: -0.015 min
Response: 3804423
Conc: 20.16 ug/ml



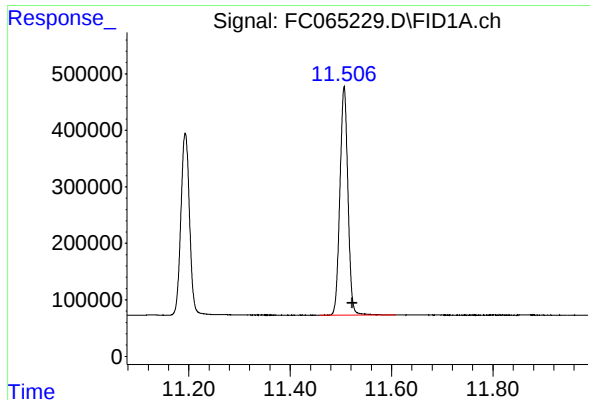
#7 n-Hexadecane (C16)

R.T.: 9.758 min
Delta R.T.: -0.015 min
Response: 3843207
Conc: 20.33 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.193 min
Delta R.T.: -0.015 min
Response: 3819133
Conc: 20.24 ug/ml



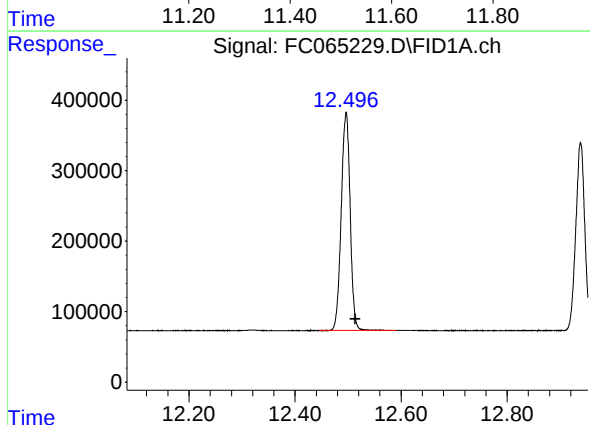
#9 ortho-Terphenyl (SURR)

R.T.: 11.507 min
Delta R.T.: -0.016 min
Response: 4430392
Conc: 20.13 ug/ml

Instrument :

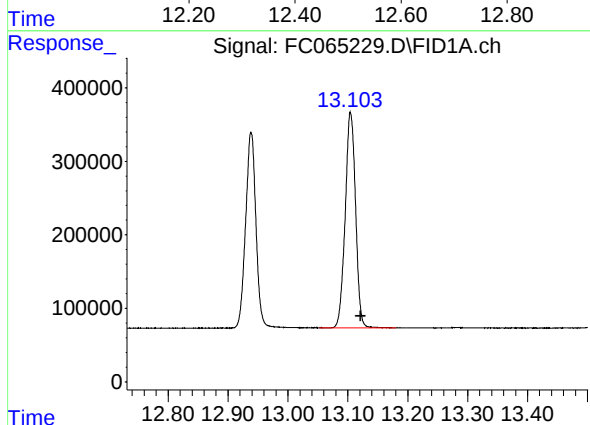
FID_C

ClientSampleId :



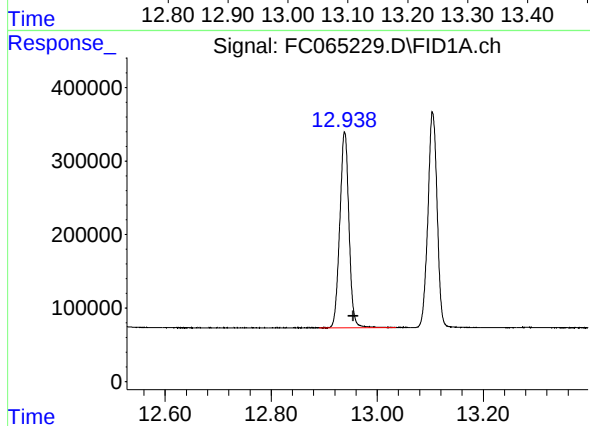
#10 n-Eicosane (C20)

R.T.: 12.496 min
Delta R.T.: -0.017 min
Response: 3623176
Conc: 20.15 ug/ml



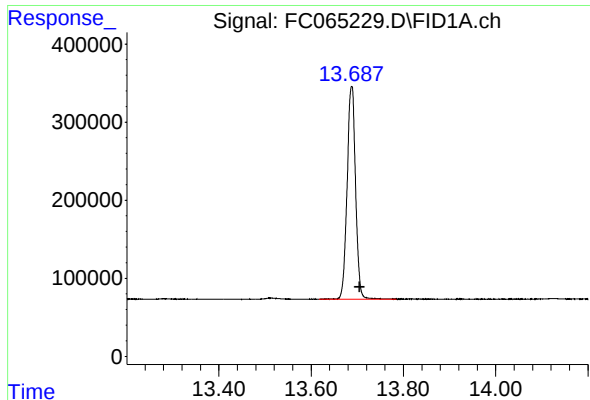
#11 n-Heneicosane (C21)

R.T.: 13.105 min
Delta R.T.: -0.017 min
Response: 3529815
Conc: 20.10 ug/ml



#12 1-chlorooctadecane (SURR)

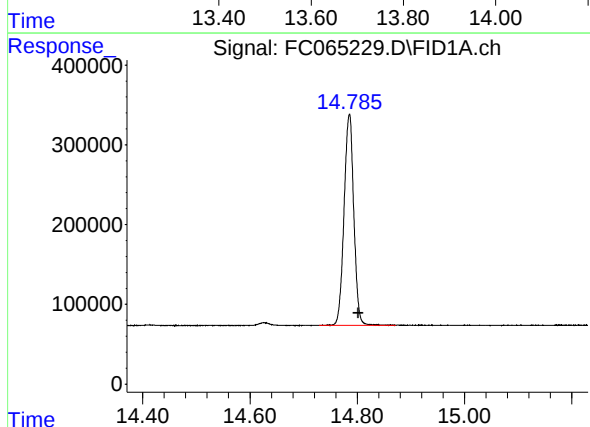
R.T.: 12.939 min
Delta R.T.: -0.016 min
Response: 3188573
Conc: 20.17 ug/ml



#13 n-Docosane (C22)

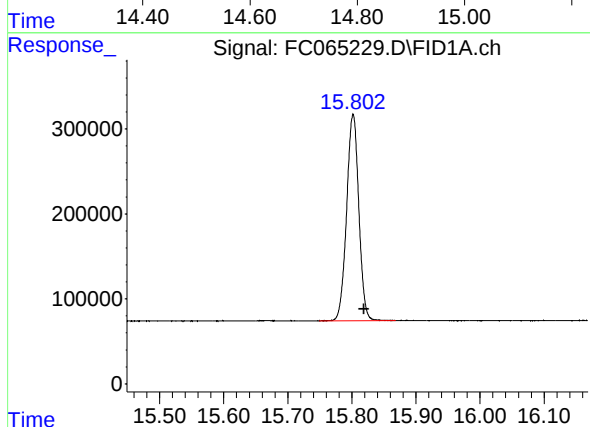
R.T.: 13.688 min
Delta R.T.: -0.017 min
Response: 3463845
Conc: 20.17 ug/ml

Instrument :
FID_C
ClientSampleId :



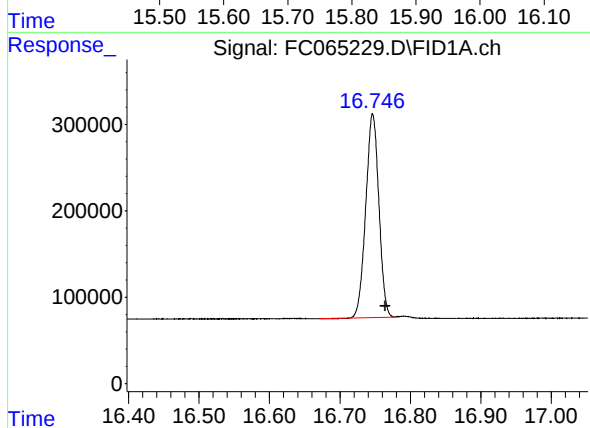
#14 n-Tetracosane (C24)

R.T.: 14.785 min
Delta R.T.: -0.017 min
Response: 3327898
Conc: 19.98 ug/ml



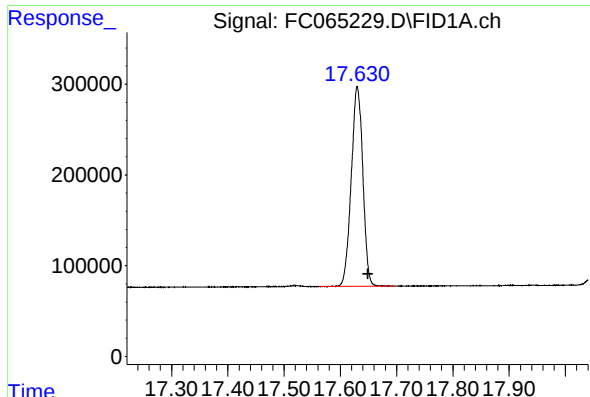
#15 n-Hexacosane (C26)

R.T.: 15.802 min
Delta R.T.: -0.017 min
Response: 3195931
Conc: 19.91 ug/ml



#16 n-Octacosane (C28)

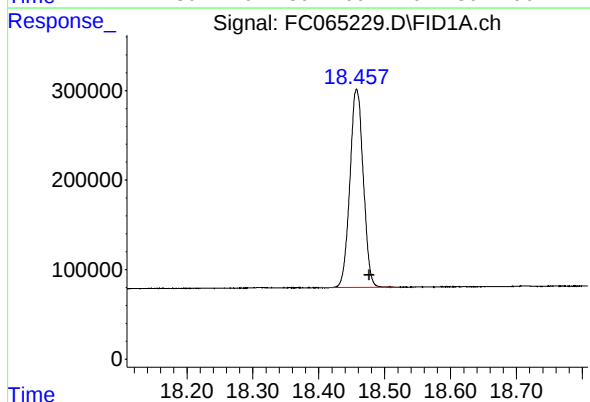
R.T.: 16.747 min
Delta R.T.: -0.018 min
Response: 3044996
Conc: 19.46 ug/ml



#17 n-Tricontane (C30)

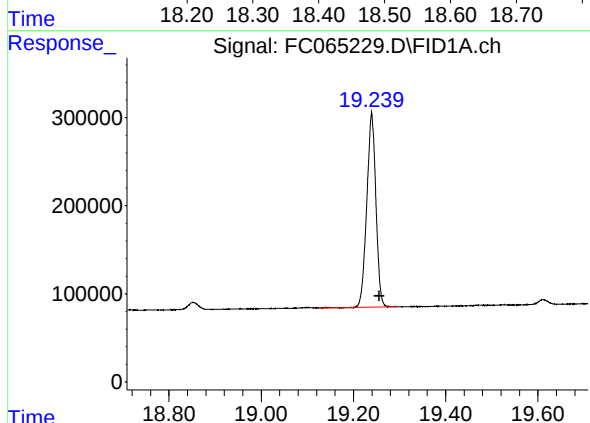
R.T.: 17.630 min
Delta R.T.: -0.019 min
Response: 3149807
Conc: 19.89 ug/ml

Instrument :
FID_C
ClientSampleId :



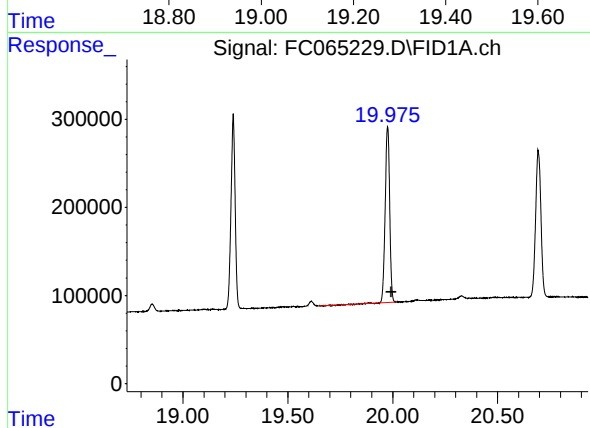
#18 n-Dotriacontane (C32)

R.T.: 18.457 min
Delta R.T.: -0.019 min
Response: 3127302
Conc: 19.81 ug/ml



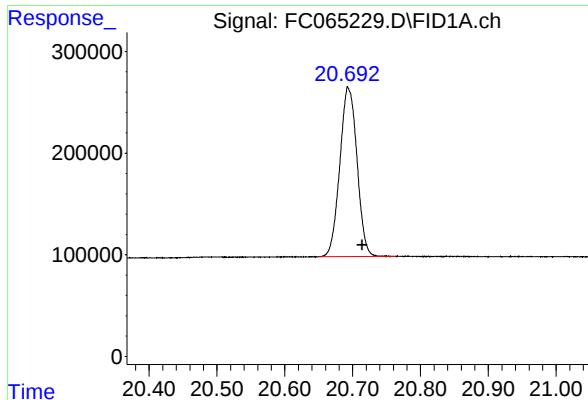
#19 n-Tetatriacontane (C34)

R.T.: 19.240 min
Delta R.T.: -0.016 min
Response: 3034147
Conc: 19.88 ug/ml



#20 n-Hexatriacontane (C36)

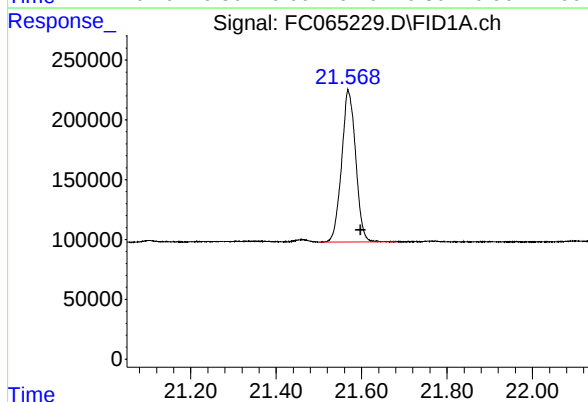
R.T.: 19.976 min
Delta R.T.: -0.018 min
Response: 2962995
Conc: 19.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.693 min
Delta R.T.: -0.021 min
Response: 2932652
Conc: 19.71 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.569 min
Delta R.T.: -0.029 min
Response: 2896510
Conc: 19.69 ug/ml