

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F111423AL\
 Data File : FC065148.D
 Signal(s) : FID1A.ch
 Acq On : 14 Nov 2023 21:21
 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 14 21:54:53 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	4538471	20.622 ug/ml
Spiked Amount 50.000		Recovery =	41.24%
12) S 1-chlorooctadecane (S...	12.938	3299776	20.873 ug/ml
Spiked Amount 50.000		Recovery =	41.75%
Target Compounds			
1) T n-Nonane (C9)	3.309	3859853	20.415 ug/ml
2) T n-Decane (C10)	4.368	3949377	20.770 ug/ml
3) T A~Naphthalene (C11.7)	5.950	4080767	21.136 ug/ml
4) T n-Dodecane (C12)	6.378	3986269	20.636 ug/ml
5) T A~2-methylnaphthalene...	7.003	3878514	21.106 ug/ml
6) T n-Tetradecane (C14)	8.165	3877359	20.549 ug/ml
7) T n-Hexadecane (C16)	9.760	3910970	20.690 ug/ml
8) T n-Octadecane (C18)	11.194	3906541	20.699 ug/ml
10) T n-Eicosane (C20)	12.496	3718499	20.684 ug/ml
11) T n-Heneicosane (C21)	13.105	3640450	20.735 ug/ml
13) T n-Docosane (C22)	13.688	3576015	20.818 ug/ml
14) T n-Tetracosane (C24)	14.785	3493735	20.976 ug/ml
15) T n-Hexacosane (C26)	15.801	3378840	21.051 ug/ml
16) T n-Octacosane (C28)	16.746	3345066	21.374 ug/ml
17) T n-Tricontane (C30)	17.630	3497022	22.078 ug/ml
18) T n-Dotriacontane (C32)	18.457	3510849	22.235 ug/ml
19) T n-Tetratriacontane (C34)	19.238	3326388	21.792 ug/ml
20) T n-Hexatriacontane (C36)	19.974	3177903	21.062 ug/ml
21) T n-Octatriacontane (C38)	20.694	3076583	20.674 ug/ml
22) T n-Tetracontane (C40)	21.568	3019420	20.529 ug/ml

(f)=RT Delta > 1/2 Window

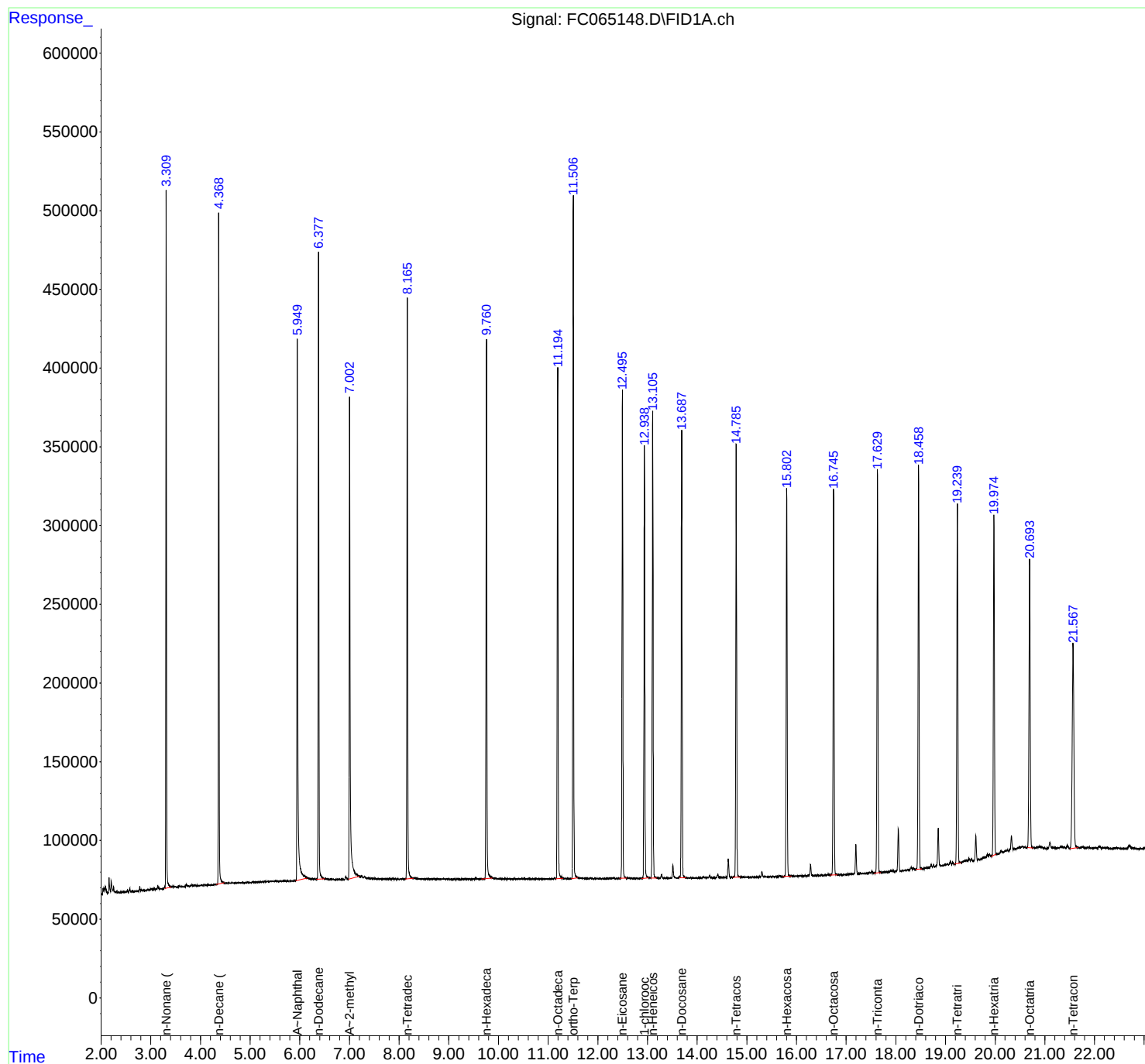
(m)=manual int.

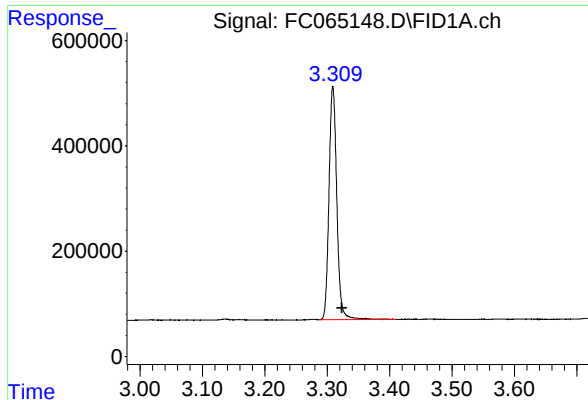
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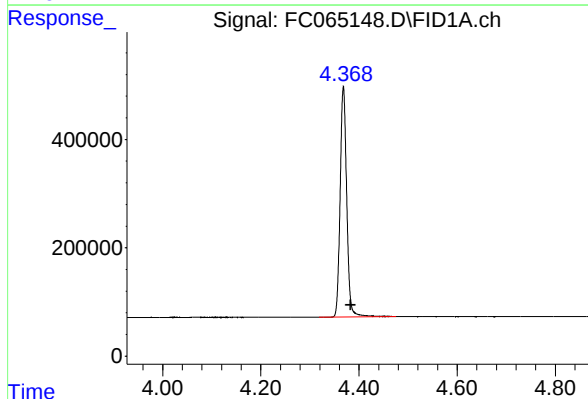




#1 n-Nonane (C9)

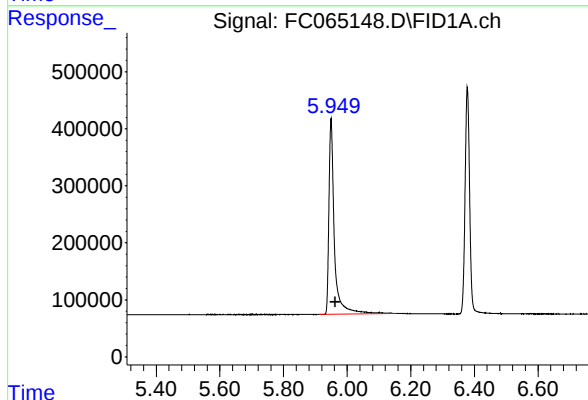
R.T.: 3.309 min
Delta R.T.: -0.015 min
Response: 3859853
Conc: 20.42 ug/ml

Instrument :
FID_C
ClientSampleId :



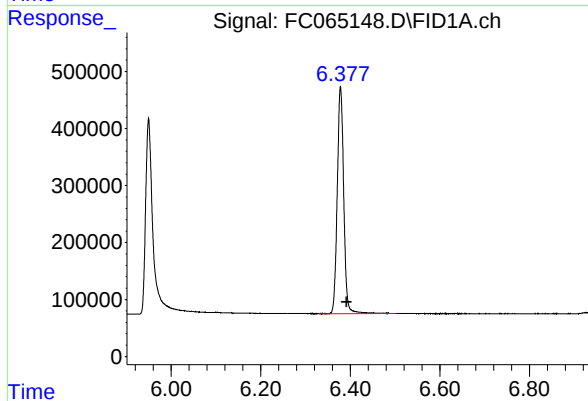
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: -0.015 min
Response: 3949377
Conc: 20.77 ug/ml



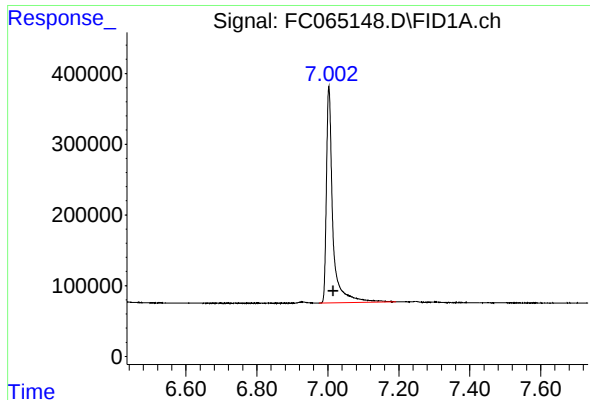
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: -0.013 min
Response: 4080767
Conc: 21.14 ug/ml



#4 n-Dodecane (C12)

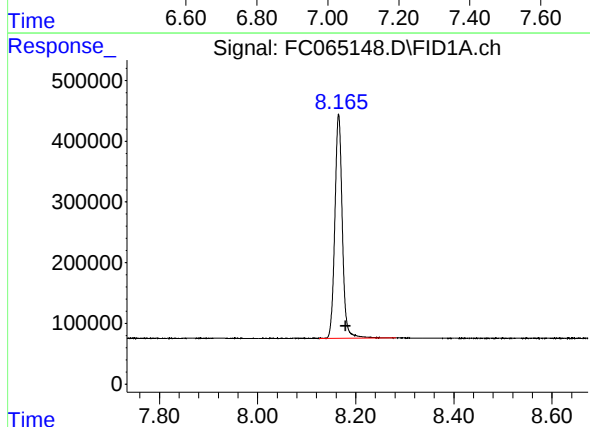
R.T.: 6.378 min
Delta R.T.: -0.014 min
Response: 3986269
Conc: 20.64 ug/ml



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

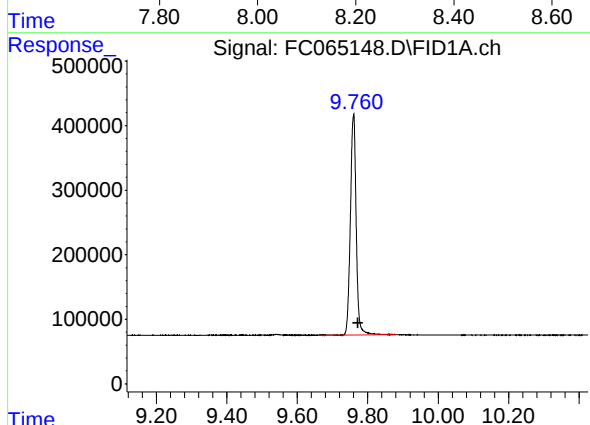
R.T.: 7.003 min
Delta R.T.: -0.013 min
Response: 3878514
Conc: 21.11 ug/ml

Instrument :
FID_C
ClientSampleId :



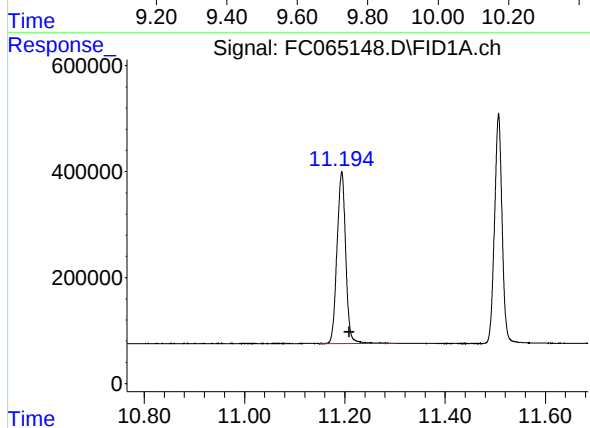
#6 n-Tetradecane (C14)

R.T.: 8.165 min
Delta R.T.: -0.014 min
Response: 3877359
Conc: 20.55 ug/ml



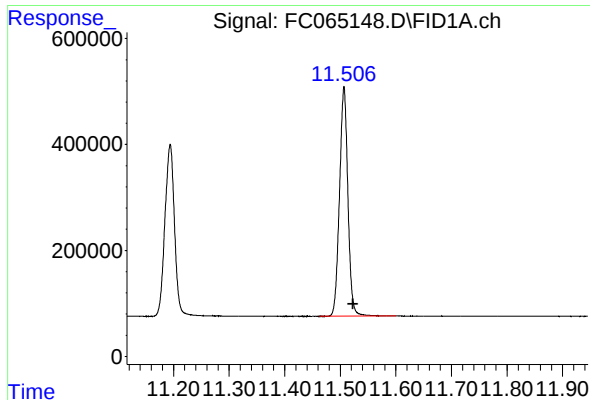
#7 n-Hexadecane (C16)

R.T.: 9.760 min
Delta R.T.: -0.013 min
Response: 3910970
Conc: 20.69 ug/ml



#8 n-Octadecane (C18)

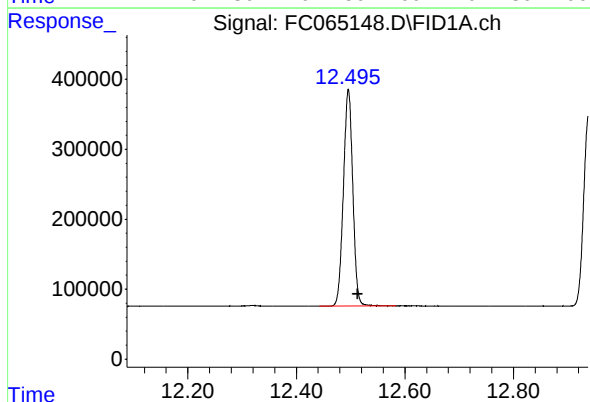
R.T.: 11.194 min
Delta R.T.: -0.014 min
Response: 3906541
Conc: 20.70 ug/ml



#9 ortho-Terphenyl (SURR)

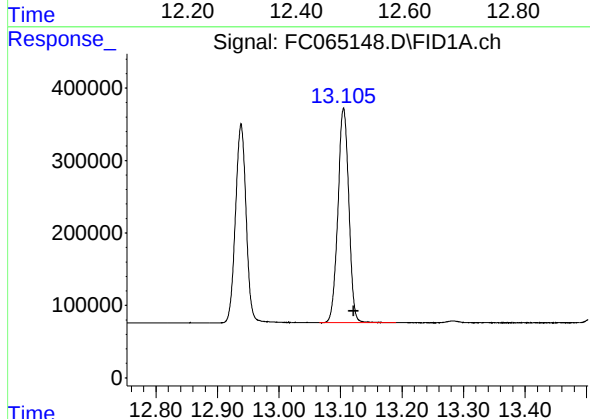
R.T.: 11.507 min
Delta R.T.: -0.016 min
Response: 4538471
Conc: 20.62 ug/ml

Instrument :
FID_C
ClientSampleId :



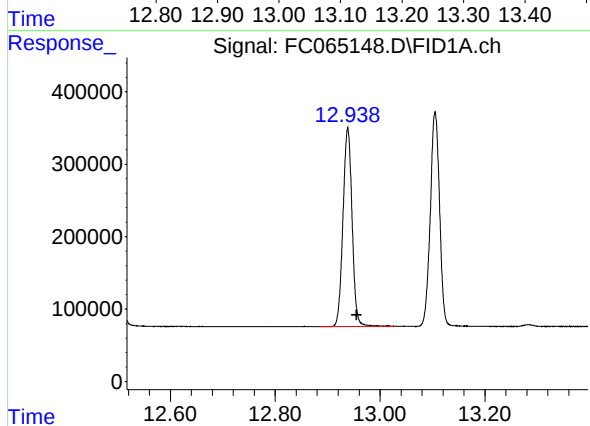
#10 n-Eicosane (C20)

R.T.: 12.496 min
Delta R.T.: -0.018 min
Response: 3718499
Conc: 20.68 ug/ml



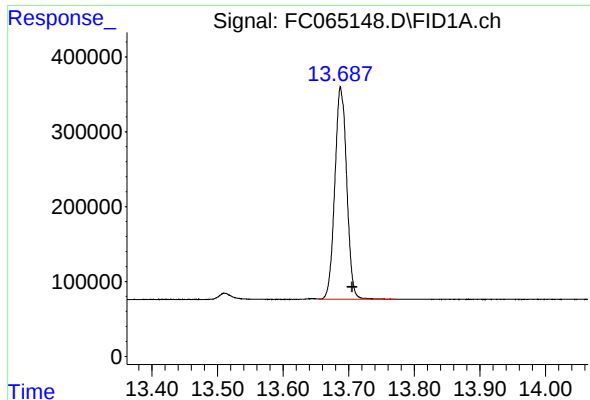
#11 n-Heneicosane (C21)

R.T.: 13.105 min
Delta R.T.: -0.016 min
Response: 3640450
Conc: 20.74 ug/ml



#12 1-chlorooctadecane (SURR)

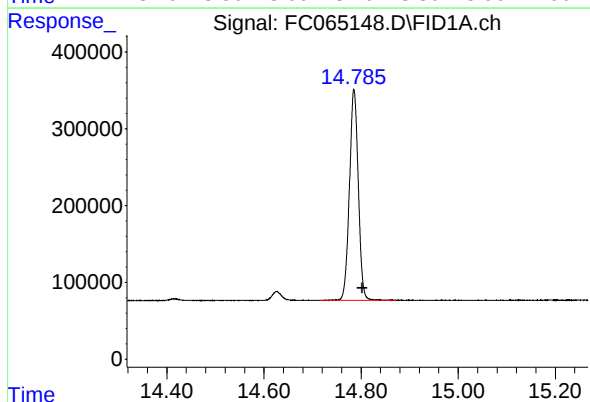
R.T.: 12.938 min
Delta R.T.: -0.016 min
Response: 3299776
Conc: 20.87 ug/ml



#13 n-Docosane (C22)

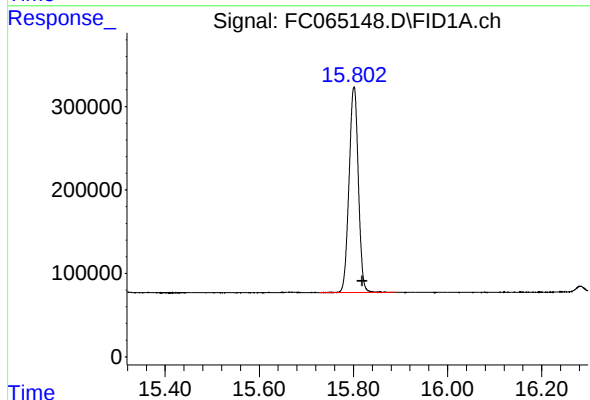
R.T.: 13.688 min
Delta R.T.: -0.018 min
Response: 3576015
Conc: 20.82 ug/ml

Instrument :
FID_C
ClientSampleId :



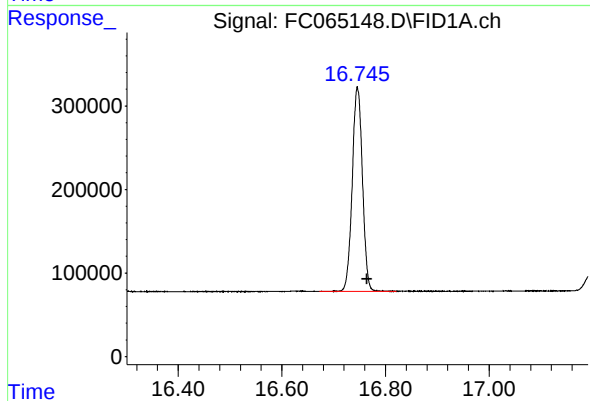
#14 n-Tetracosane (C24)

R.T.: 14.785 min
Delta R.T.: -0.017 min
Response: 3493735
Conc: 20.98 ug/ml



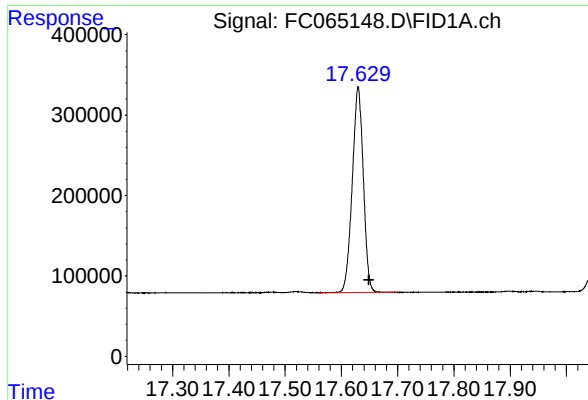
#15 n-Hexacosane (C26)

R.T.: 15.801 min
Delta R.T.: -0.017 min
Response: 3378840
Conc: 21.05 ug/ml



#16 n-Octacosane (C28)

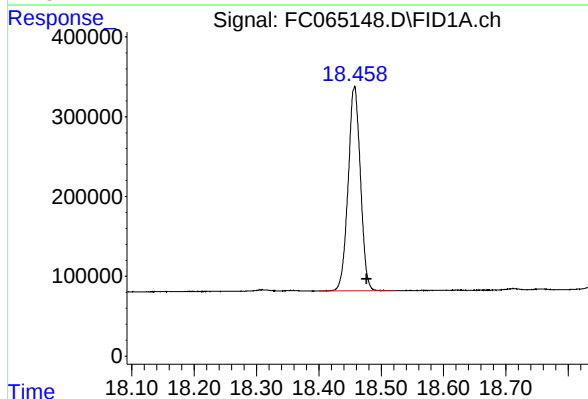
R.T.: 16.746 min
Delta R.T.: -0.019 min
Response: 3345066
Conc: 21.37 ug/ml



#17 n-Tricontane (C30)

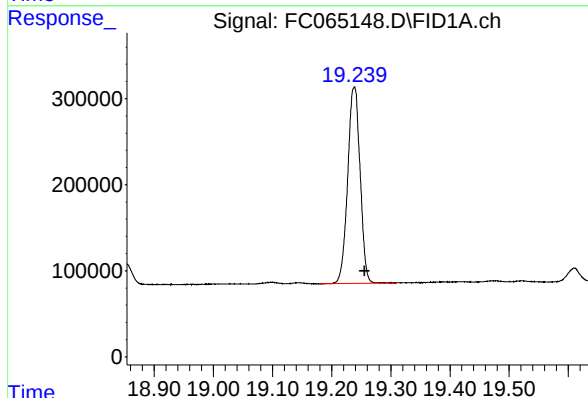
R.T.: 17.630 min
Delta R.T.: -0.019 min
Response: 3497022
Conc: 22.08 ug/ml

Instrument :
FID_C
ClientSampleId :



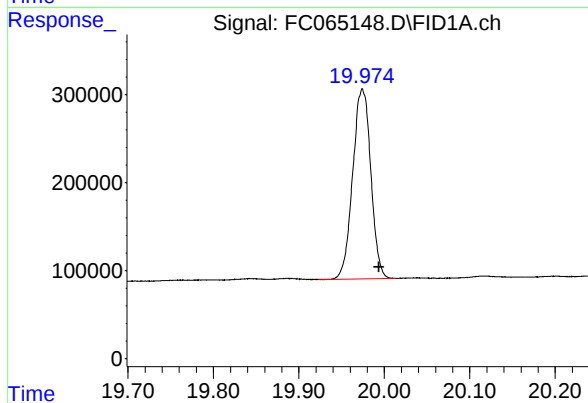
#18 n-Dotriacontane (C32)

R.T.: 18.457 min
Delta R.T.: -0.020 min
Response: 3510849
Conc: 22.24 ug/ml



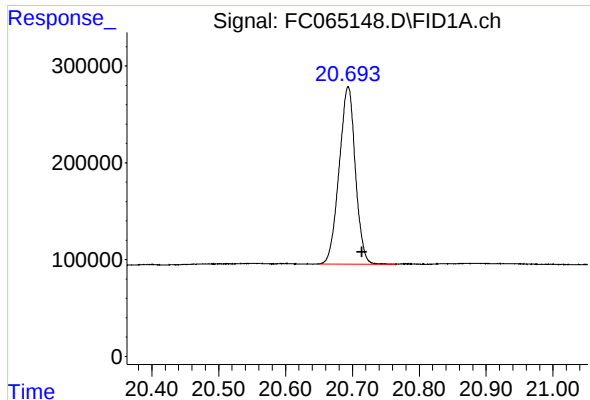
#19 n-Tetratriacontane (C34)

R.T.: 19.238 min
Delta R.T.: -0.018 min
Response: 3326388
Conc: 21.79 ug/ml



#20 n-Hexatriacontane (C36)

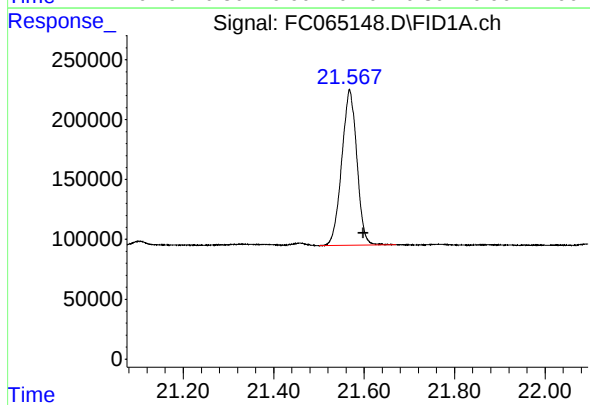
R.T.: 19.974 min
Delta R.T.: -0.019 min
Response: 3177903
Conc: 21.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.694 min
Delta R.T.: -0.021 min
Response: 3076583
Conc: 20.67 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.568 min
Delta R.T.: -0.030 min
Response: 3019420
Conc: 20.53 ug/ml