

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112923AL\
 Data File : FC065314.D
 Signal(s) : FID1A.ch
 Acq On : 29 Nov 2023 14:06
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 29 23:47:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:28:29 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)	11.505	4456439	19.209 ug/ml
Spiked Amount 50.000		Recovery =	38.42%
12) S 1-chlorooctadecane (S...	12.935	3189609	19.263 ug/ml
Spiked Amount 50.000		Recovery =	38.53%
Target Compounds			
1) T n-Nonane (C9)	3.304	3725269	18.604 ug/ml
2) T n-Decane (C10)	4.364	3851942	19.165 ug/ml
3) T A~Naphthalene (C11.7)	5.945	3804521	18.739 ug/ml
4) T n-Dodecane (C12)	6.374	3849247	18.928 ug/ml
5) T A~2-methylnaphthalene...	6.999	3596320	18.503 ug/ml
6) T n-Tetradecane (C14)	8.162	3744388	18.841 ug/ml
7) T n-Hexadecane (C16)	9.756	3758648	18.974 ug/ml
8) T n-Octadecane (C18)	11.191	3820305	19.288 ug/ml
10) T n-Eicosane (C20)	12.494	3636742	19.218 ug/ml
11) T n-Heneicosane (C21)	13.103	3561922	19.277 ug/ml
13) T n-Docosane (C22)	13.686	3503292	19.419 ug/ml
14) T n-Tetracosane (C24)	14.784	3413179	19.687 ug/ml
15) T n-Hexacosane (C26)	15.801	3295866	19.793 ug/ml
16) T n-Octacosane (C28)	16.745	3282634	20.524 ug/ml
17) T n-Tricontane (C30)	17.628	3468367	21.782 ug/ml
18) T n-Dotriacontane (C32)	18.458	3496893	22.244 ug/ml
19) T n-Tetratriacontane (C34)	19.239	3299939	21.384 ug/ml
20) T n-Hexatriacontane (C36)	19.974	3140518	20.488 ug/ml
21) T n-Octatriacontane (C38)	20.695	3019568	19.858 ug/ml
22) T n-Tetracontane (C40)	21.570	2914166	19.440 ug/ml

(f)=RT Delta > 1/2 Window

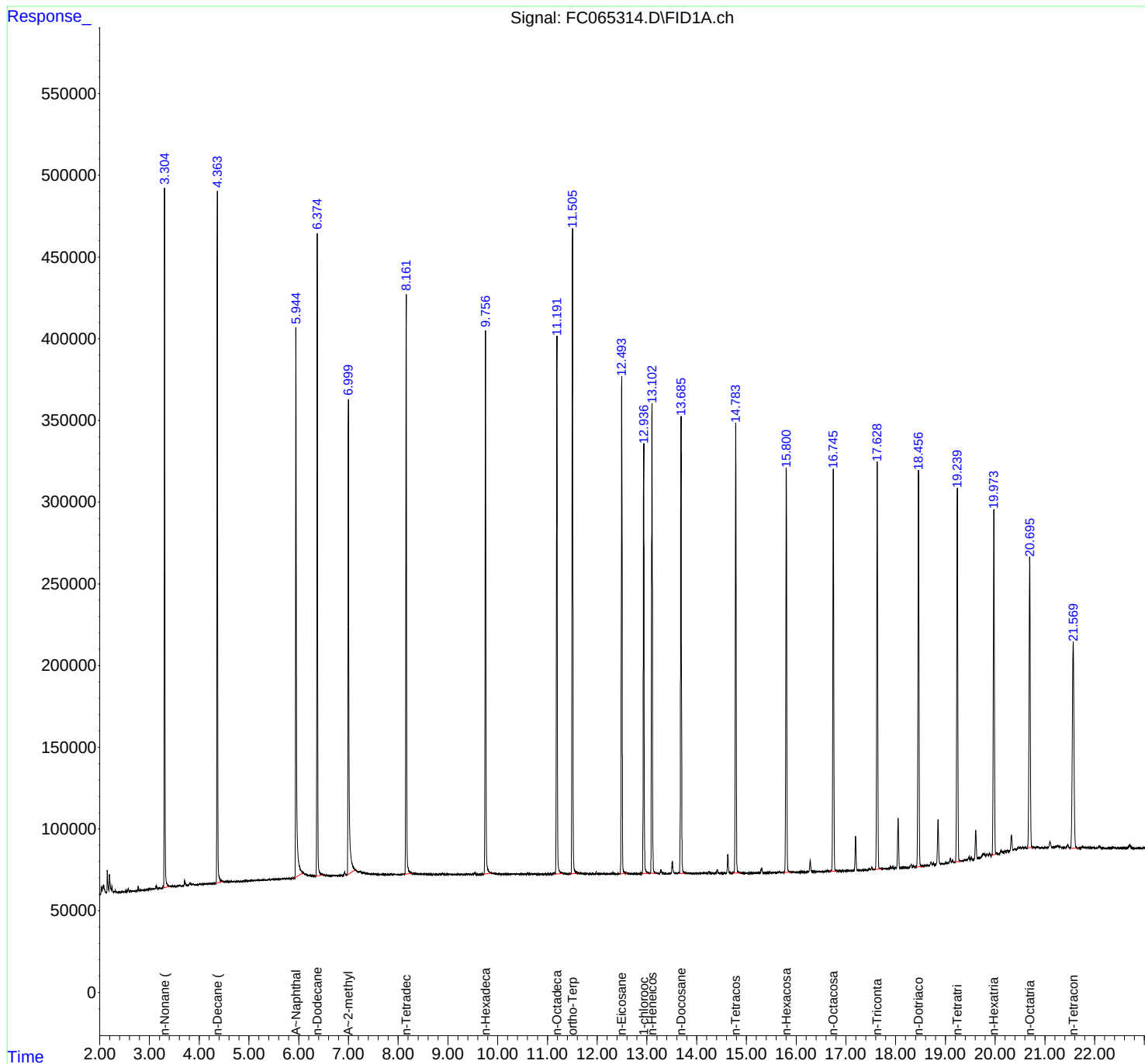
(m)=manual int.

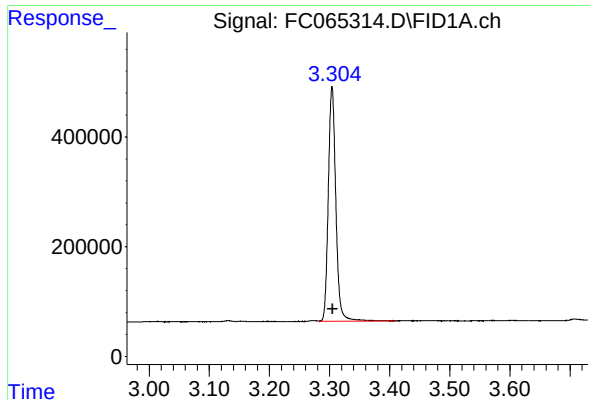
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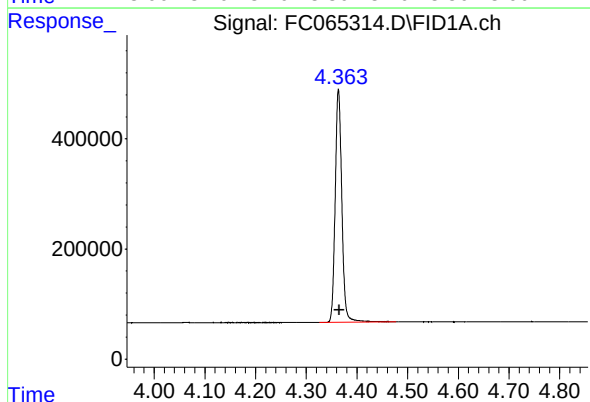




#1 n-Nonane (C9)

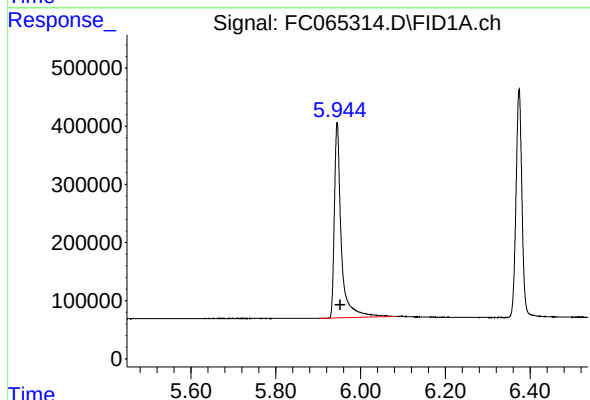
R.T.: 3.304 min
Delta R.T.: 0.000 min
Response: 3725269
Conc: 18.60 ug/ml

Instrument :
FID_C
ClientSampleId :



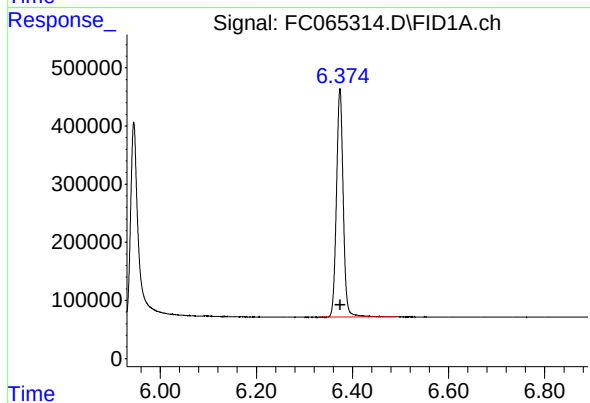
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: -0.001 min
Response: 3851942
Conc: 19.16 ug/ml



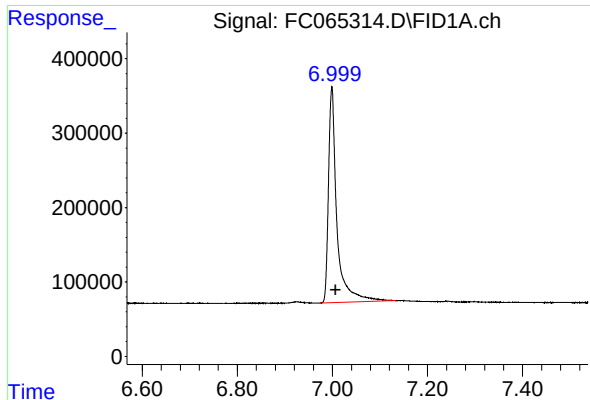
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.007 min
Response: 3804521
Conc: 18.74 ug/ml



#4 n-Dodecane (C12)

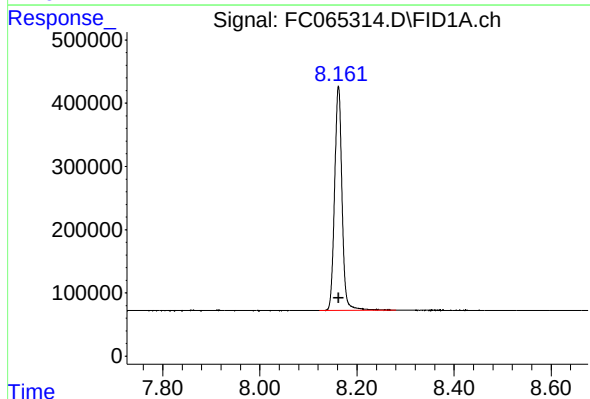
R.T.: 6.374 min
Delta R.T.: 0.000 min
Response: 3849247
Conc: 18.93 ug/ml



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

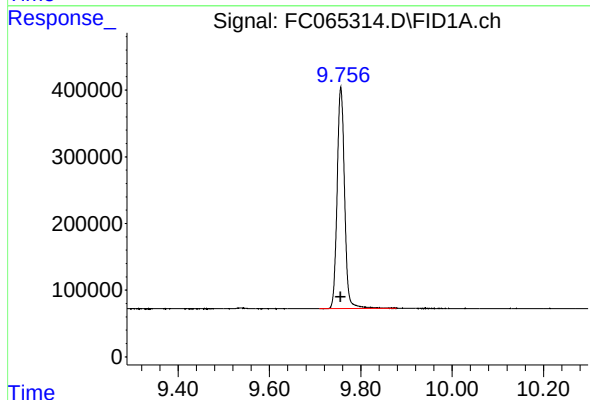
R.T.: 6.999 min
Delta R.T.: -0.008 min
Response: 3596320
Conc: 18.50 ug/ml

Instrument :
FID_C
ClientSampleId :



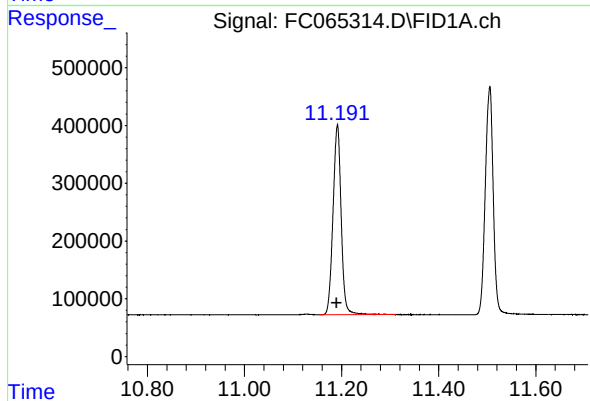
#6 n-Tetradecane (C14)

R.T.: 8.162 min
Delta R.T.: 0.000 min
Response: 3744388
Conc: 18.84 ug/ml



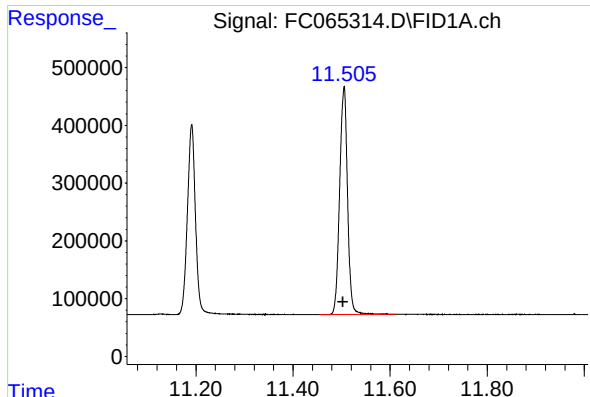
#7 n-Hexadecane (C16)

R.T.: 9.756 min
Delta R.T.: 0.000 min
Response: 3758648
Conc: 18.97 ug/ml



#8 n-Octadecane (C18)

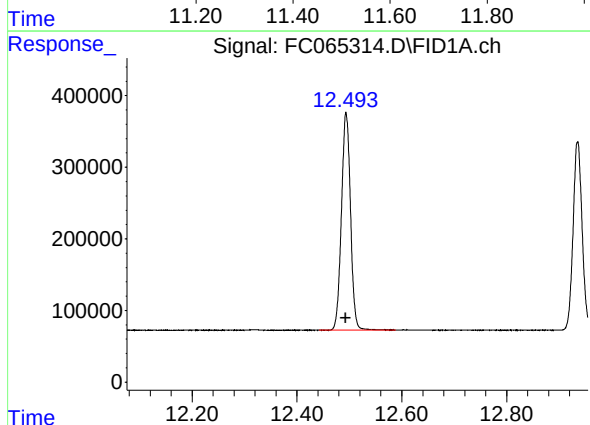
R.T.: 11.191 min
Delta R.T.: 0.001 min
Response: 3820305
Conc: 19.29 ug/ml



#9 ortho-Terphenyl (SURR)

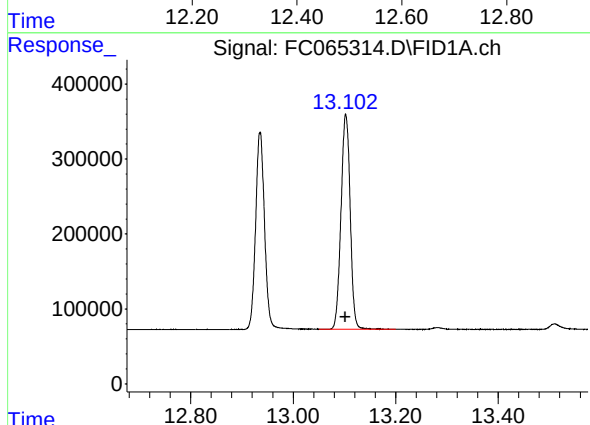
R.T.: 11.505 min
Delta R.T.: 0.002 min
Response: 4456439
Conc: 19.21 ug/ml

Instrument :
FID_C
ClientSampleId :



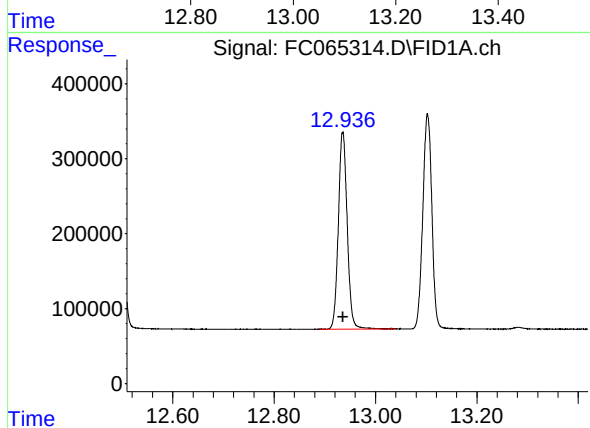
#10 n-Eicosane (C20)

R.T.: 12.494 min
Delta R.T.: 0.001 min
Response: 3636742
Conc: 19.22 ug/ml



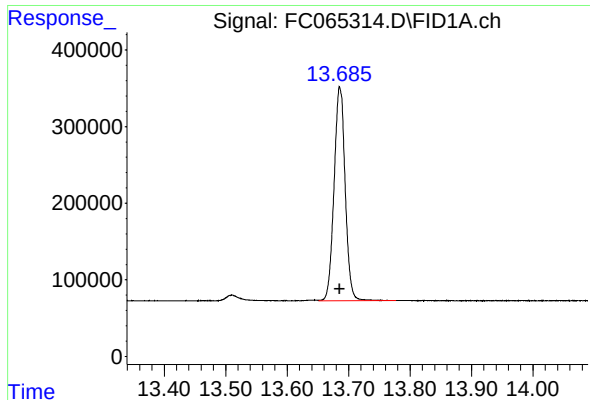
#11 n-Heneicosane (C21)

R.T.: 13.103 min
Delta R.T.: 0.000 min
Response: 3561922
Conc: 19.28 ug/ml



#12 1-chlorooctadecane (SURR)

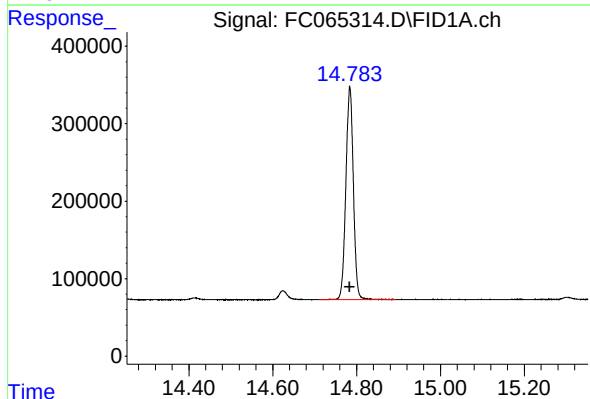
R.T.: 12.935 min
Delta R.T.: 0.000 min
Response: 3189609
Conc: 19.26 ug/ml



#13 n-Docosane (C22)

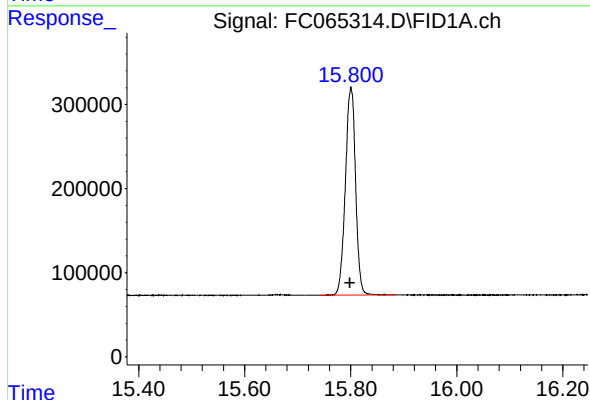
R.T.: 13.686 min
Delta R.T.: 0.000 min
Response: 3503292
Conc: 19.42 ug/ml

Instrument :
FID_C
ClientSampleId :



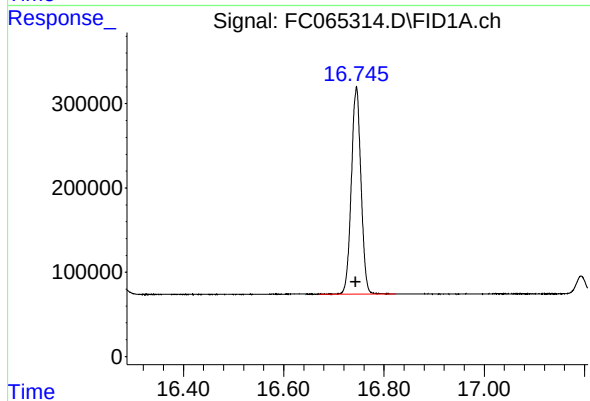
#14 n-Tetracosane (C24)

R.T.: 14.784 min
Delta R.T.: 0.001 min
Response: 3413179
Conc: 19.69 ug/ml



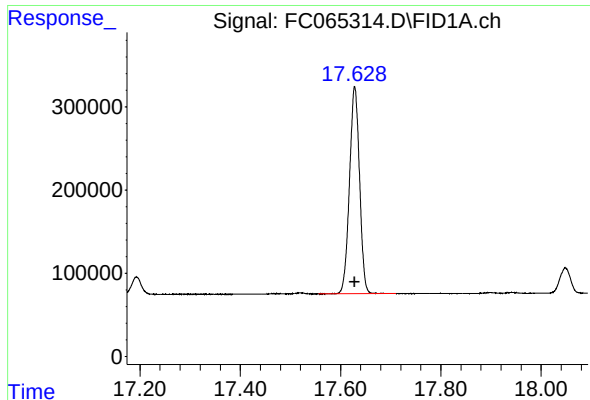
#15 n-Hexacosane (C26)

R.T.: 15.801 min
Delta R.T.: 0.002 min
Response: 3295866
Conc: 19.79 ug/ml



#16 n-Octacosane (C28)

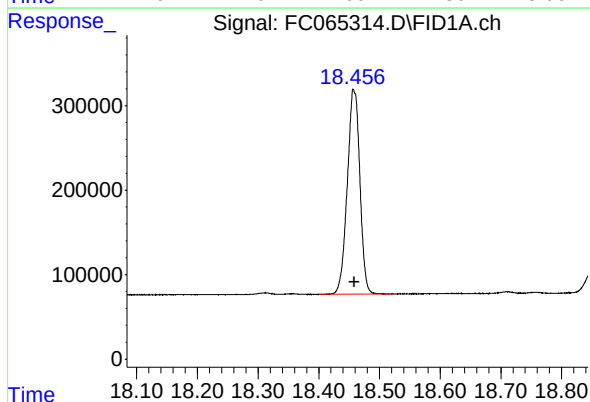
R.T.: 16.745 min
Delta R.T.: 0.002 min
Response: 3282634
Conc: 20.52 ug/ml



#17 n-Tricontane (C30)

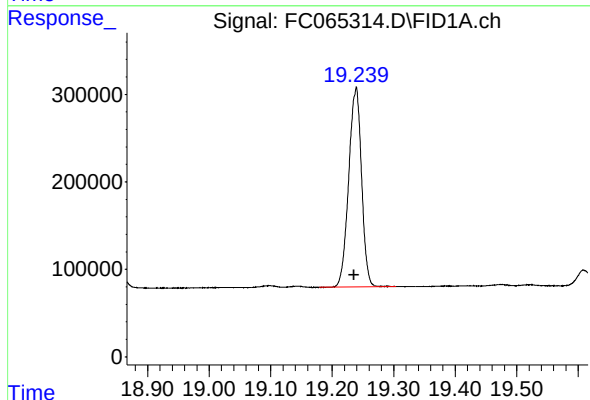
R.T.: 17.628 min
Delta R.T.: 0.000 min
Response: 3468367
Conc: 21.78 ug/ml

Instrument :
FID_C
ClientSampleId :



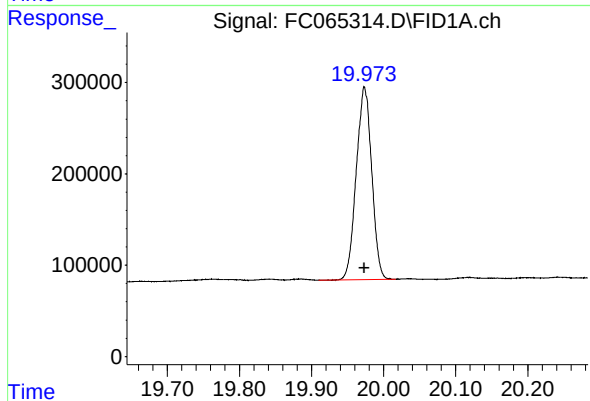
#18 n-Dotriacontane (C32)

R.T.: 18.458 min
Delta R.T.: 0.000 min
Response: 3496893
Conc: 22.24 ug/ml



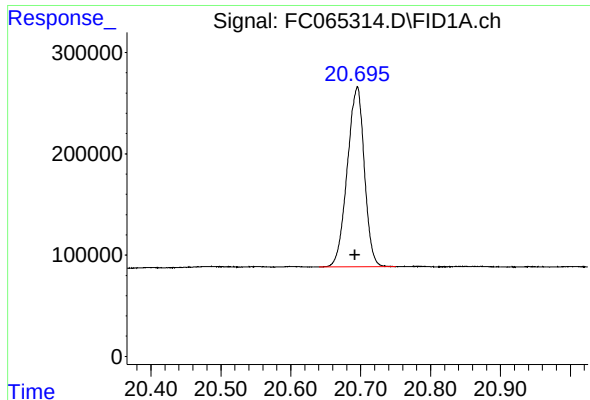
#19 n-Tetratriacontane (C34)

R.T.: 19.239 min
Delta R.T.: 0.003 min
Response: 3299939
Conc: 21.38 ug/ml



#20 n-Hexatriacontane (C36)

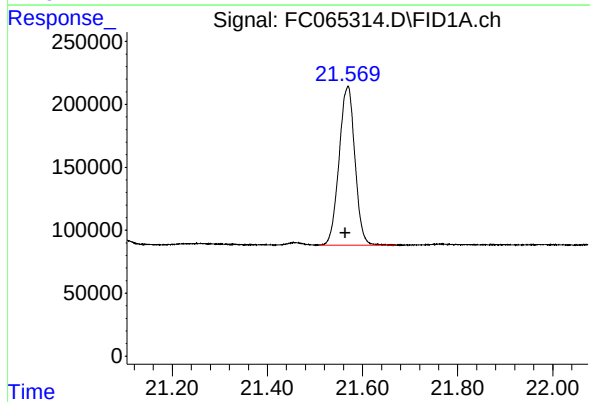
R.T.: 19.974 min
Delta R.T.: 0.000 min
Response: 3140518
Conc: 20.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.695 min
Delta R.T.: 0.003 min
Response: 3019568
Conc: 19.86 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.570 min
Delta R.T.: 0.006 min
Response: 2914166
Conc: 19.44 ug/ml