

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041825AL\
 Data File : FC068643.D
 Signal(s) : FID1A.ch
 Acq On : 18 Apr 2025 21:04
 Operator : YP/AJ
 Sample : Q1828-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 RT4643MSD

Integration File: autoint1.e
 Quant Time: Apr 19 00:27:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 2025
 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)	11.719	3797295	29.821 ug/ml
Spiked Amount 50.000		Recovery =	59.64%
12) S 1-chlorooctadecane (S...	13.152	2863483	30.825 ug/ml
Spiked Amount 50.000		Recovery =	61.65%
Target Compounds			
1) T n-Nonane (C9)	3.449	3008499	28.564 ug/ml
2) T n-Decane (C10)	4.524	3293352	31.258 ug/ml
3) T A~Naphthalene (C11.7)	6.120	3851378	33.070 ug/ml
4) T n-Dodecane (C12)	6.548	3342205	31.781 ug/ml
5) T A~2-methylnaphthalene...	7.179	3553261	30.765 ug/ml
6) T n-Tetradecane (C14)	8.348	3401420	33.086 ug/ml
7) T n-Hexadecane (C16)	9.951	3533851	34.700 ug/ml
8) T n-Octadecane (C18)	11.394	3600096	35.775 ug/ml
10) T n-Eicosane (C20)	12.707	3709246	37.711 ug/ml
11) T n-Heneicosane (C21)	13.319	3550554	36.432 ug/ml
13) T n-Docosane (C22)	13.907	3544320	36.693 ug/ml
14) T n-Tetracosane (C24)	15.005	7649724	80.367 ug/ml
15) T n-Hexacosane (C26)	16.036	3484107	37.301 ug/ml
16) T n-Octacosane (C28)	16.986	3582034	39.123 ug/ml
17) T n-Tricontane (C30)	17.876	3587821	39.027 ug/ml
18) T n-Dotriacontane (C32)	18.710	3600711	39.254 ug/ml
19) T n-Tetratriacontane (C34)	19.496	3549286	39.728 ug/ml
20) T n-Hexatriacontane (C36)	20.237	3362587	37.538 ug/ml
21) T n-Octatriacontane (C38)	21.015	3299658	37.321 ug/ml
22) T n-Tetracontane (C40)	21.997	3254479	36.855 ug/ml

(f)=RT Delta > 1/2 Window

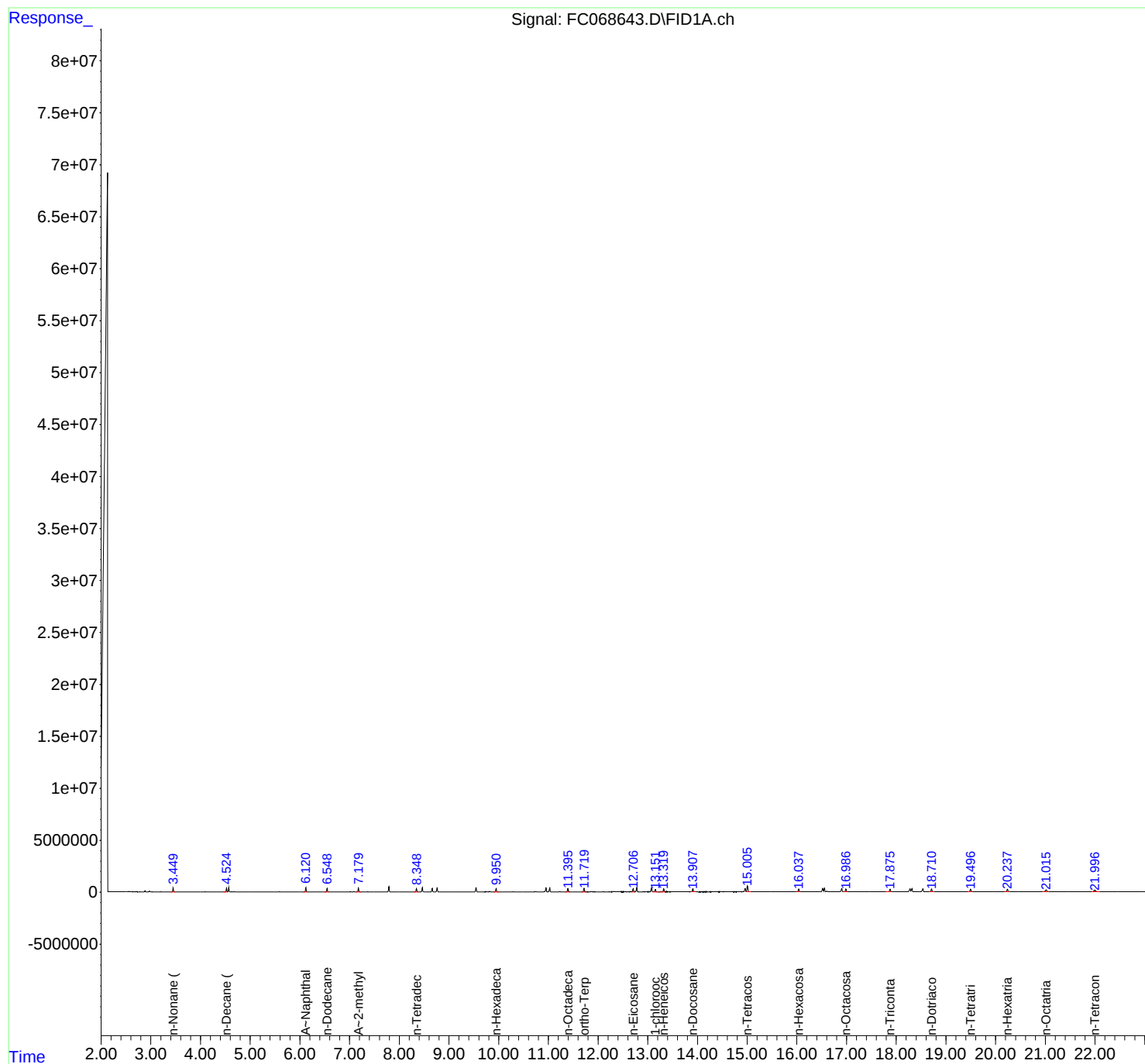
(m)=manual int.

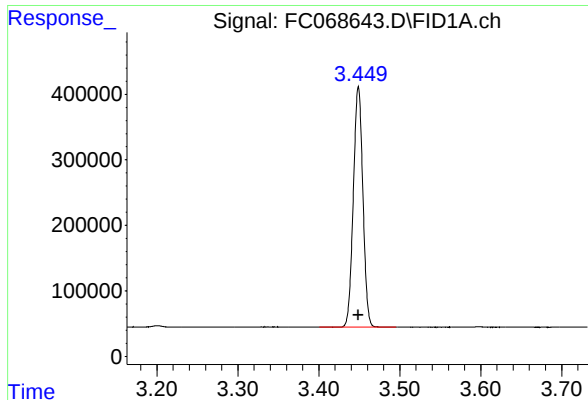
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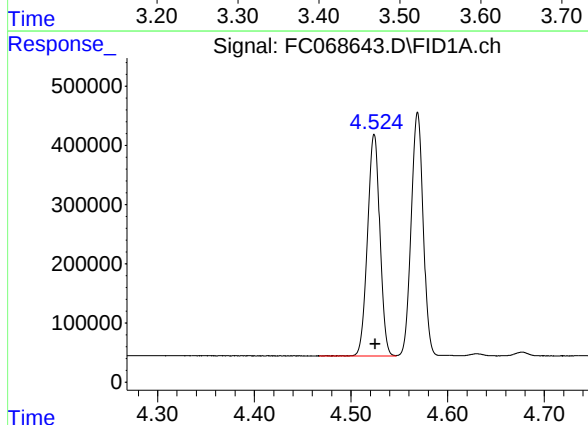




#1 n-Nonane (C9)

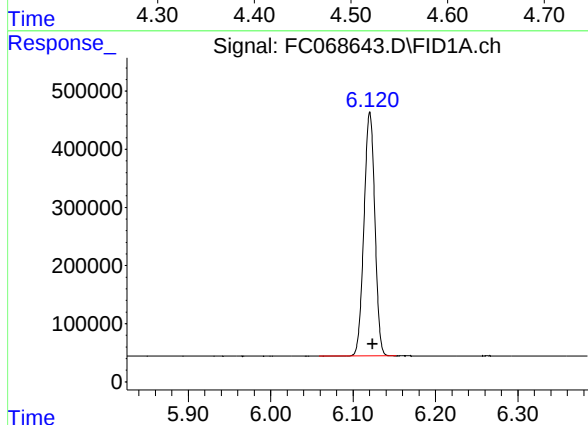
R.T.: 3.449 min
Delta R.T.: 0.000 min
Response: 3008499
Conc: 28.56 ug/ml

Instrument :
FID_C
ClientSampleId :
RT4643MSD



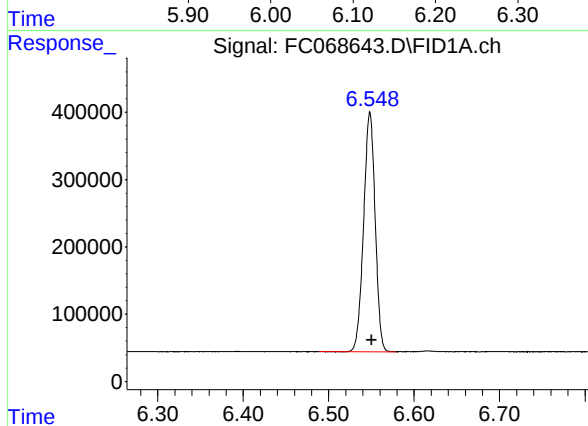
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 3293352
Conc: 31.26 ug/ml



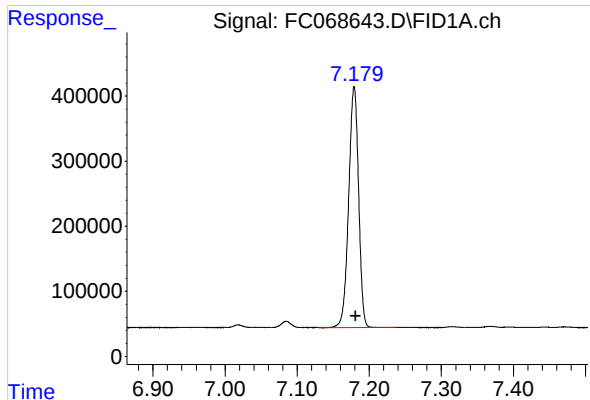
#3 A~Naphthalene (C11.7)

R.T.: 6.120 min
Delta R.T.: -0.003 min
Response: 3851378
Conc: 33.07 ug/ml



#4 n-Dodecane (C12)

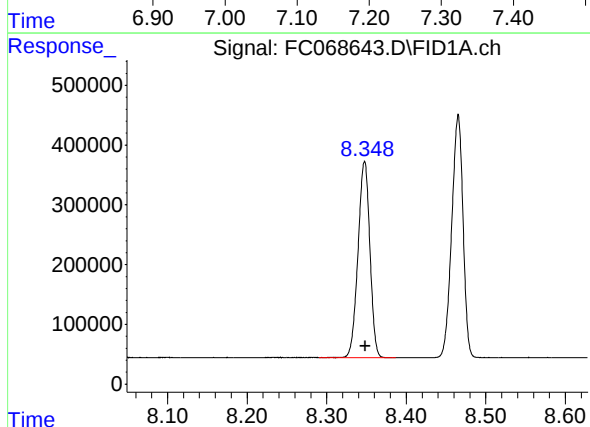
R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 3342205
Conc: 31.78 ug/ml



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

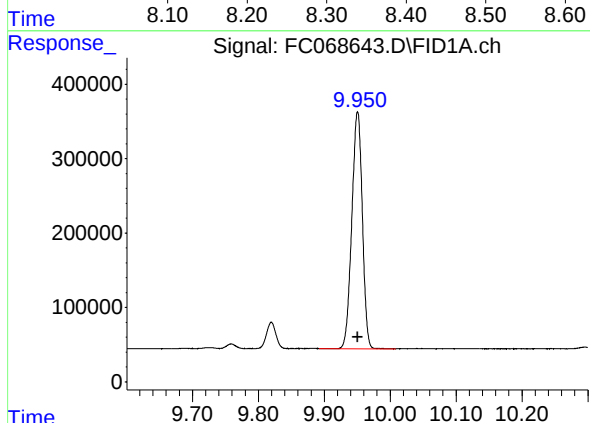
R.T.: 7.179 min
Delta R.T.: -0.002 min
Response: 3553261
Conc: 30.76 ug/ml

Instrument :
FID_C
ClientSampleId :
RT4643MSD



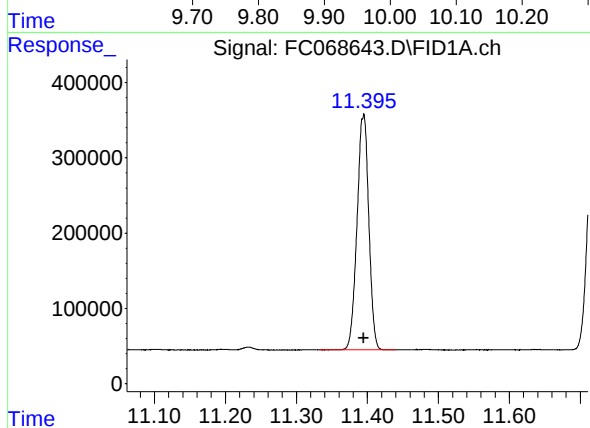
#6 n-Tetradecane (C14)

R.T.: 8.348 min
Delta R.T.: 0.000 min
Response: 3401420
Conc: 33.09 ug/ml



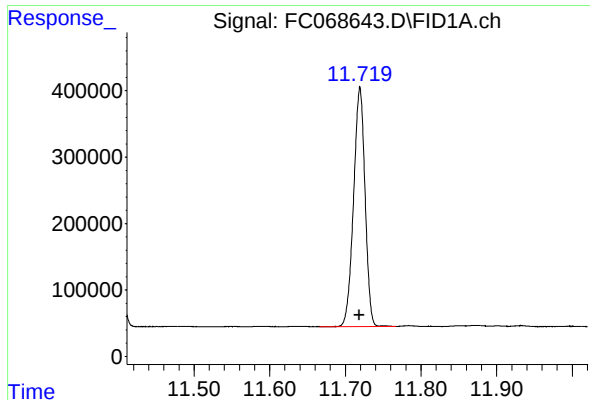
#7 n-Hexadecane (C16)

R.T.: 9.951 min
Delta R.T.: 0.000 min
Response: 3533851
Conc: 34.70 ug/ml



#8 n-Octadecane (C18)

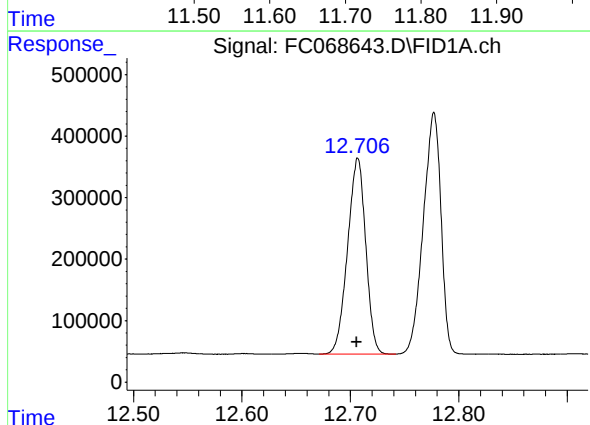
R.T.: 11.394 min
Delta R.T.: 0.000 min
Response: 3600096
Conc: 35.77 ug/ml



#9 ortho-Terphenyl (SURR)

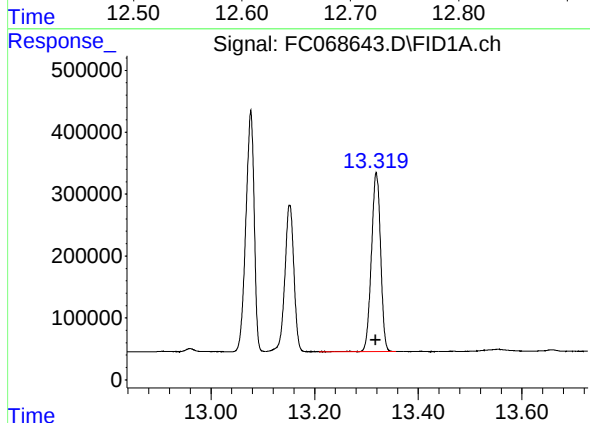
R.T.: 11.719 min
Delta R.T.: 0.000 min
Response: 3797295
Conc: 29.82 ug/ml

Instrument :
FID_C
ClientSampleId :
RT4643MSD



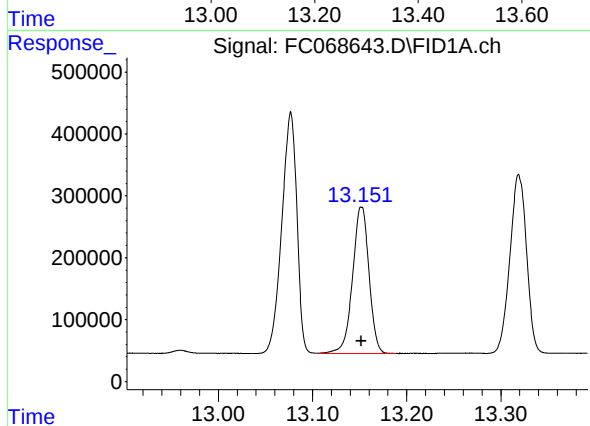
#10 n-Eicosane (C20)

R.T.: 12.707 min
Delta R.T.: 0.001 min
Response: 3709246
Conc: 37.71 ug/ml



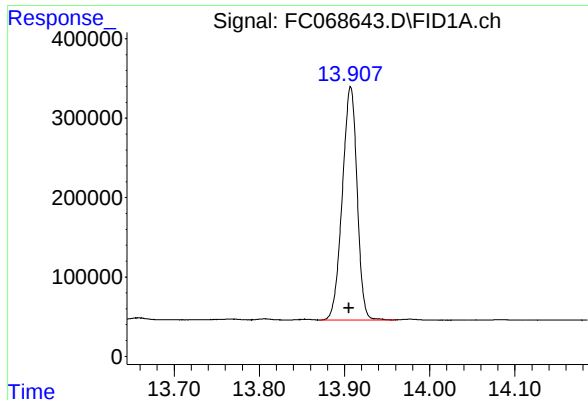
#11 n-Heneicosane (C21)

R.T.: 13.319 min
Delta R.T.: 0.001 min
Response: 3550554
Conc: 36.43 ug/ml



#12 1-chlorooctadecane (SURR)

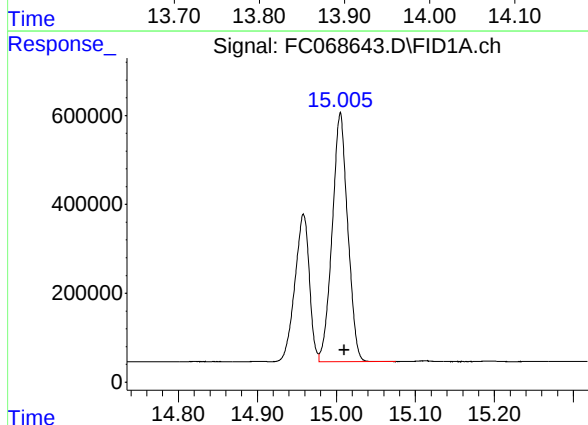
R.T.: 13.152 min
Delta R.T.: 0.000 min
Response: 2863483
Conc: 30.83 ug/ml



#13 n-Docosane (C22)

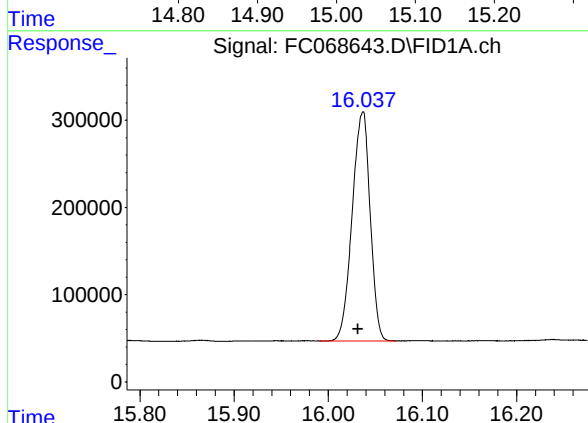
R.T.: 13.907 min
Delta R.T.: 0.002 min
Response: 3544320
Conc: 36.69 ug/ml

Instrument :
FID_C
ClientSampleId :
RT4643MSD



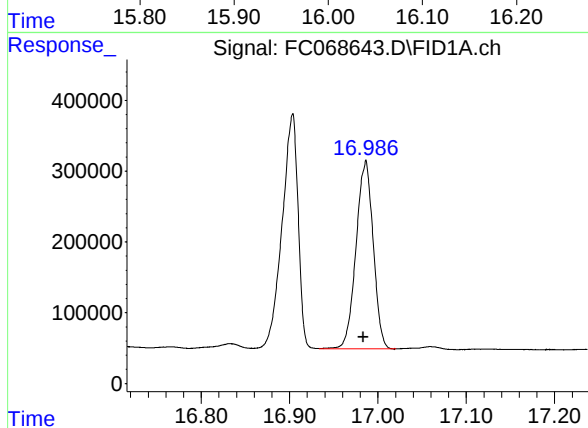
#14 n-Tetracosane (C24)

R.T.: 15.005 min
Delta R.T.: -0.005 min
Response: 7649724
Conc: 80.37 ug/ml



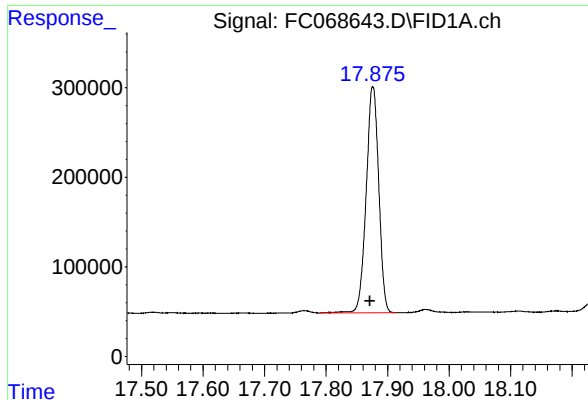
#15 n-Hexacosane (C26)

R.T.: 16.036 min
Delta R.T.: 0.004 min
Response: 3484107
Conc: 37.30 ug/ml



#16 n-Octacosane (C28)

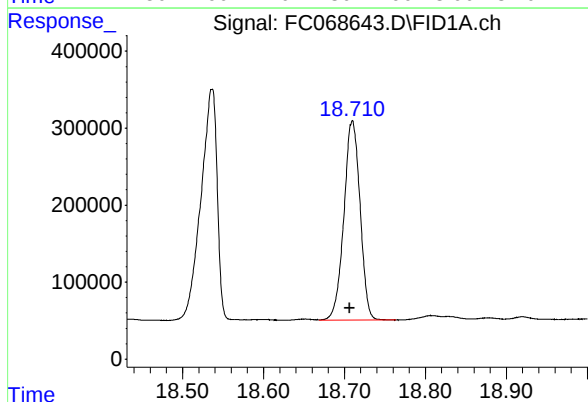
R.T.: 16.986 min
Delta R.T.: 0.002 min
Response: 3582034
Conc: 39.12 ug/ml



#17 n-Tricontane (C30)

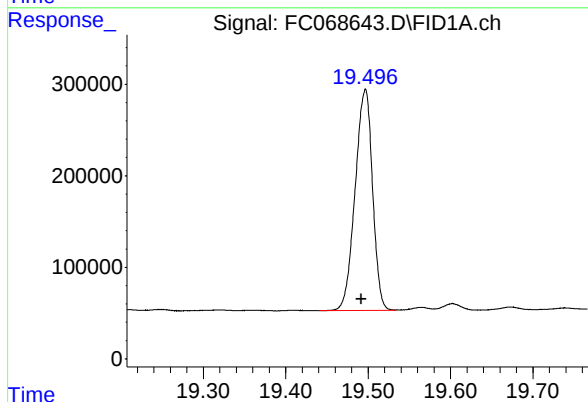
R.T.: 17.876 min
Delta R.T.: 0.005 min
Response: 3587821
Conc: 39.03 ug/ml

Instrument :
FID_C
ClientSampleId :
RT4643MSD



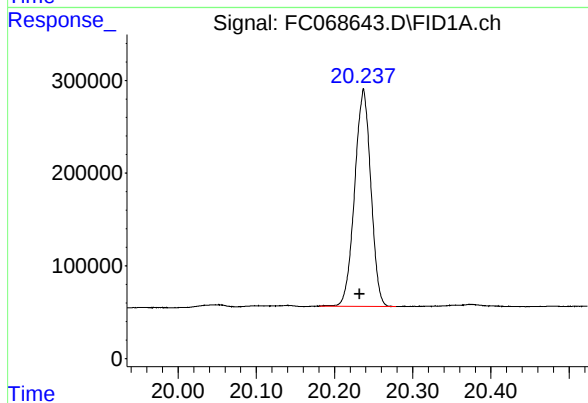
#18 n-Dotriacontane (C32)

R.T.: 18.710 min
Delta R.T.: 0.003 min
Response: 3600711
Conc: 39.25 ug/ml



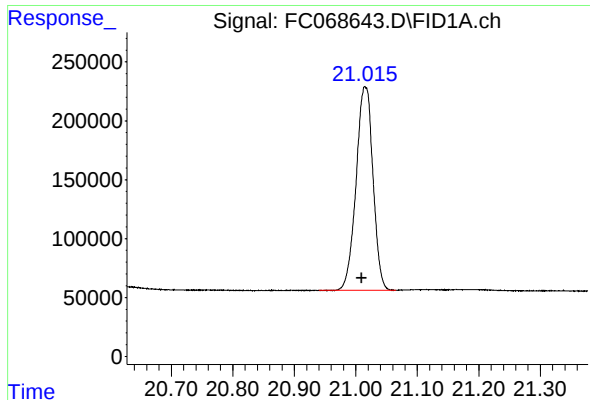
#19 n-Tetatriacontane (C34)

R.T.: 19.496 min
Delta R.T.: 0.005 min
Response: 3549286
Conc: 39.73 ug/ml



#20 n-Hexatriacontane (C36)

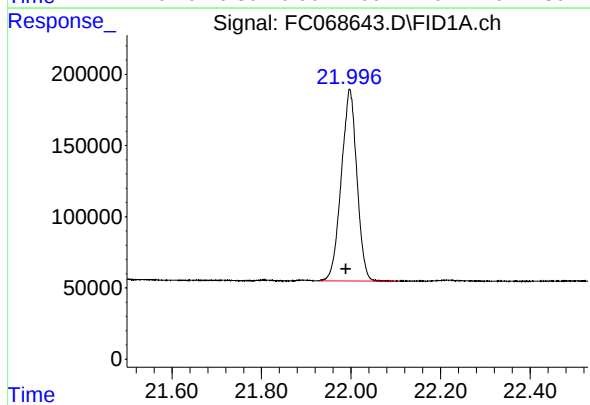
R.T.: 20.237 min
Delta R.T.: 0.005 min
Response: 3362587
Conc: 37.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.015 min
Delta R.T.: 0.006 min
Response: 3299658
Conc: 37.32 ug/ml

Instrument :
FID_C
ClientSampleId :
RT4643MSD



#22 n-Tetracontane (C40)

R.T.: 21.997 min
Delta R.T.: 0.009 min
Response: 3254479
Conc: 36.85 ug/ml