

Data Path : P:\HPCHEM1\FID_C\Data\FC051518AL\
 Data File : FC034027.D
 Signal(s) : FID1A.CH
 Acq On : 16 May 2018 11:56
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 16 21:24:04 2018
 Quant Method : \\74.0.250.170\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042418.M
 Quant Title : GC Extractables
 QLast Update : Wed May 16 16:10:06 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.480	2707726	17.436 ug/ml
Spiked Amount 50.000		Recovery =	34.87%
12) S 1-chlorooctadecane (S...	12.921	2118579	18.039 ug/ml
Spiked Amount 50.000		Recovery =	36.08%
Target Compounds			
1) T n-Nonane (C9)	3.258	2395121	17.545 ug/ml
2) T n-Decane (C10)	4.328	2544943	18.315 ug/ml
3) T A-Naphthalene (C11.7)	5.907	2853264	18.390 ug/ml
4) T n-Dodecane (C12)	6.345	2611884	18.182 ug/ml
5) T A-2-methylnaphthalene...	6.960	2870834	18.314 ug/ml
6) T n-Tetradecane (C14)	8.136	2638792	17.647 ug/ml
7) T n-Hexadecane (C16)	9.733	2607408	17.301 ug/ml
8) T n-Octadecane (C18)	11.171	2526099	17.093 ug/ml
10) T n-Eicosane (C20)	12.480	2541367	17.298 ug/ml
11) T n-Heneicosane (C21)	13.090	2513950	17.436 ug/ml
13) T n-Docosane (C22)	13.677	2537419	17.802 ug/ml
14) T n-Tetracosane (C24)	14.778	2557830	18.640 ug/ml
15) T n-Hexacosane (C26)	15.798	2555171	19.536 ug/ml
16) T n-Octacosane (C28)	16.747	2636206	20.650 ug/ml
17) T n-Tricontane (C30)	17.635	2602363	21.600 ug/ml
18) T n-Dotriacontane (C32)	18.468	2593879	22.284 ug/ml
19) T n-Tetratriacontane (C34)	19.250	2443977	22.614 ug/ml
20) T n-Hexatriacontane (C36)	19.990	2272383	22.700 ug/ml
21) T n-Octatriacontane (C38)	20.714	2144381	22.401 ug/ml
22) T n-Tetracontane (C40)	21.596	1960129	21.840 ug/ml

(f)=RT Delta > 1/2 Window

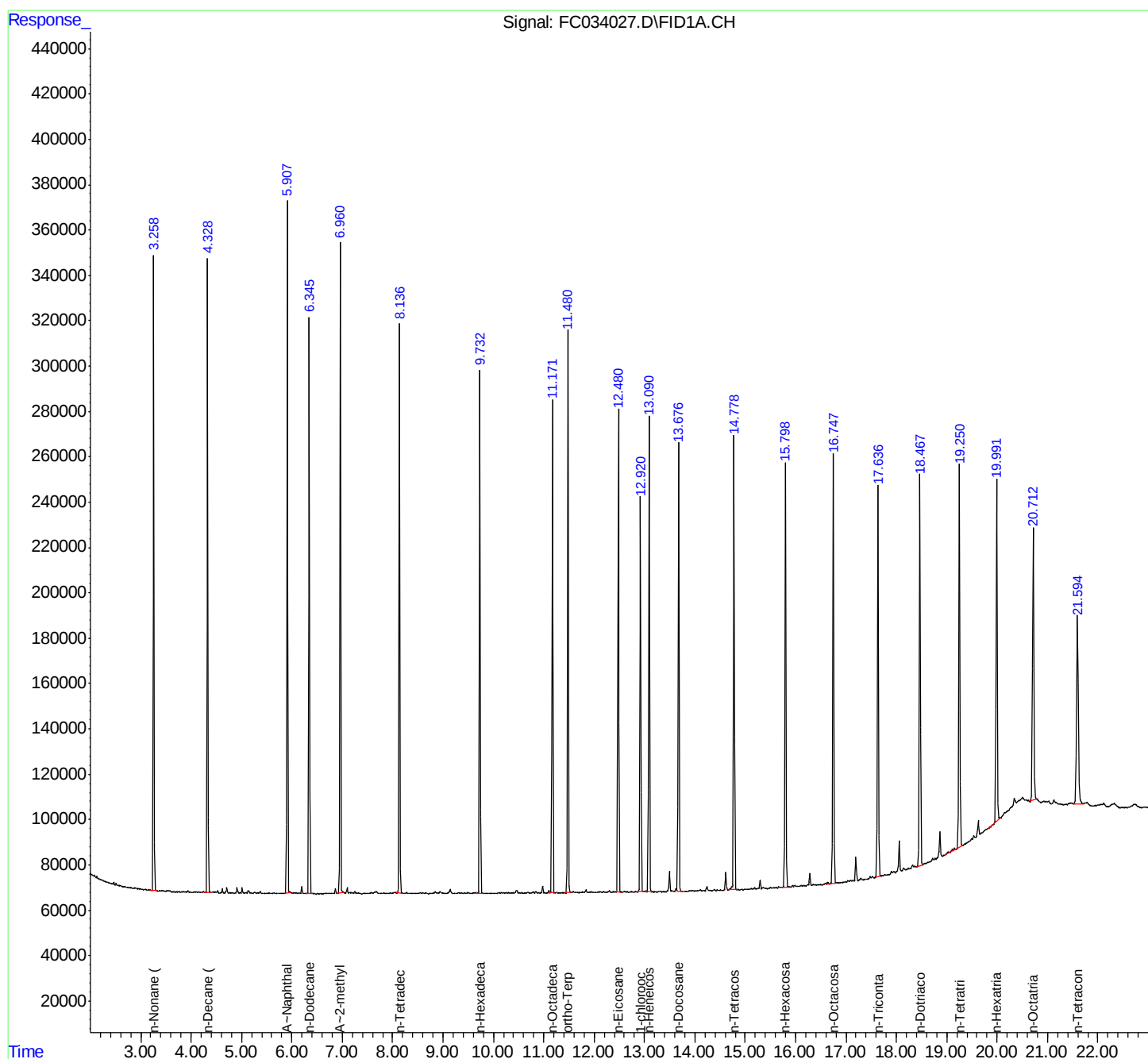
(m)=manual int.

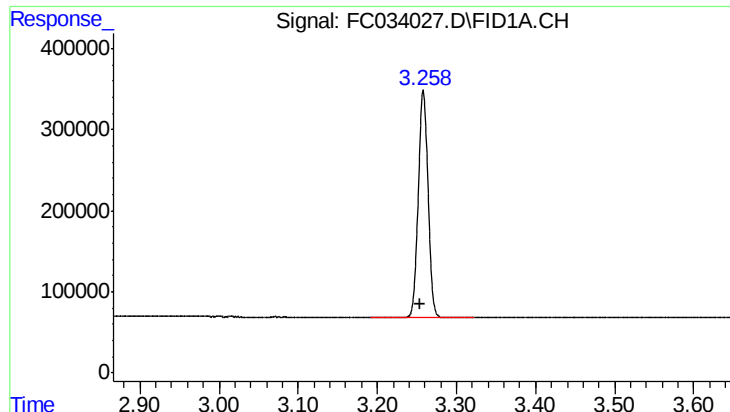
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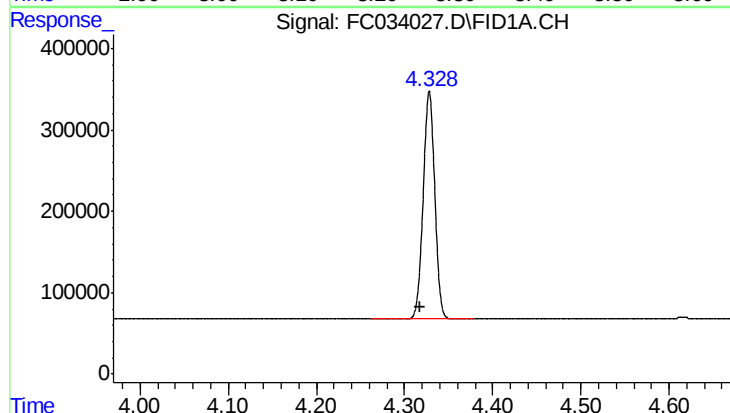




#1 n-Nonane (C9)

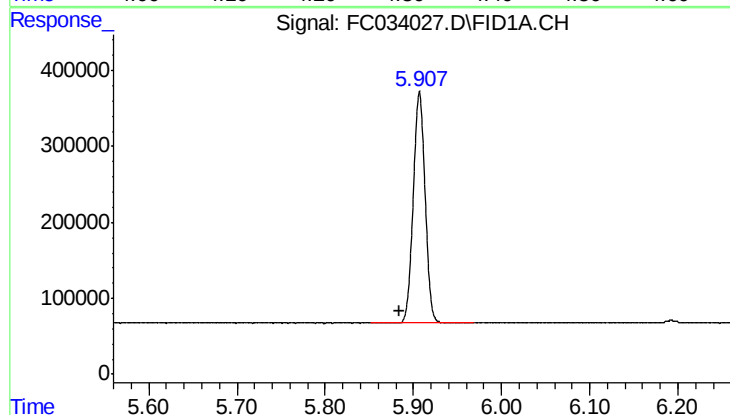
R.T.: 3.258 min
Delta R.T.: 0.005 min
Response: 2395121
Conc: 17.55 ug/ml

Instrument :
FID_C
ClientSampleId :



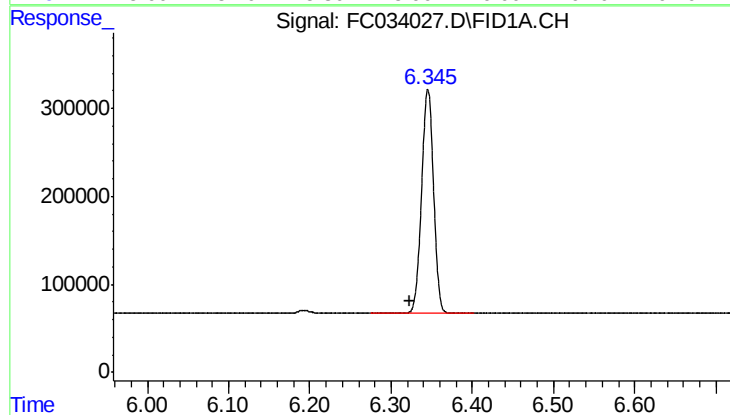
#2 n-Decane (C10)

R.T.: 4.328 min
Delta R.T.: 0.011 min
Response: 2544943
Conc: 18.32 ug/ml



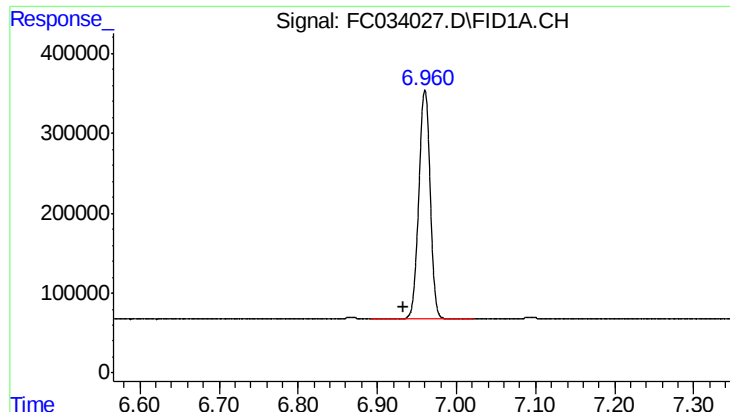
#3 A-Naphthalene (C11.7)

R.T.: 5.907 min
Delta R.T.: 0.023 min
Response: 2853264
Conc: 18.39 ug/ml



#4 n-Dodecane (C12)

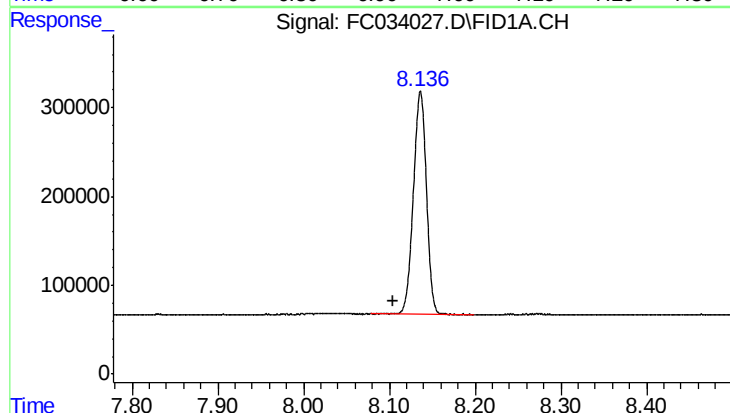
R.T.: 6.345 min
Delta R.T.: 0.023 min
Response: 2611884
Conc: 18.18 ug/ml



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

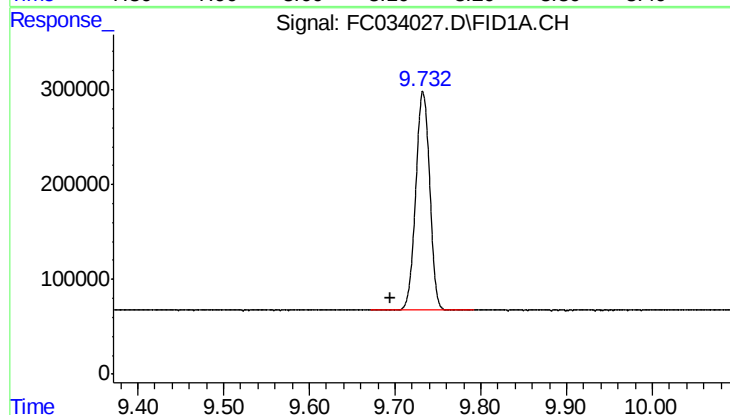
R.T.: 6.960 min
Delta R.T.: 0.028 min
Response: 2870834
Conc: 18.31 ug/ml

Instrument :
FID_C
ClientSampleId :



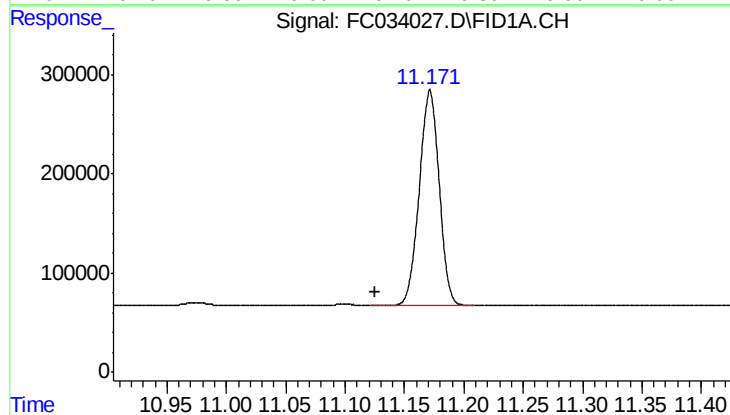
#6 n-Tetradecane (C14)

R.T.: 8.136 min
Delta R.T.: 0.032 min
Response: 2638792
Conc: 17.65 ug/ml



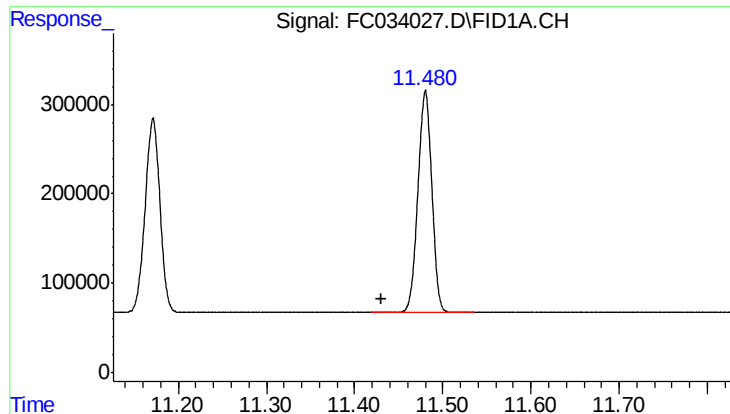
#7 n-Hexadecane (C16)

R.T.: 9.733 min
Delta R.T.: 0.038 min
Response: 2607408
Conc: 17.30 ug/ml



#8 n-Octadecane (C18)

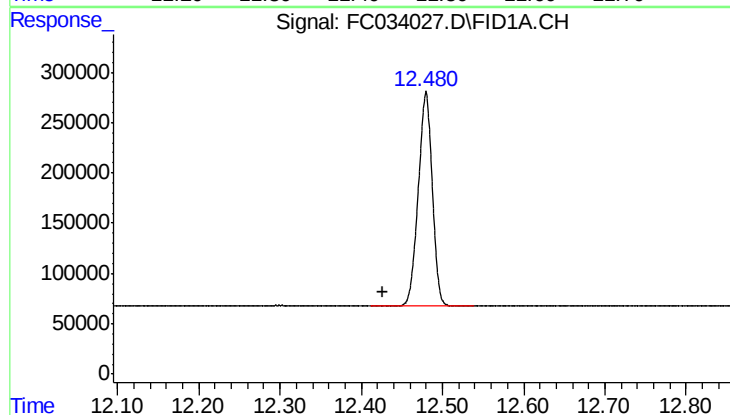
R.T.: 11.171 min
Delta R.T.: 0.046 min
Response: 2526099
Conc: 17.09 ug/ml



#9 ortho-Terphenyl (SURR)

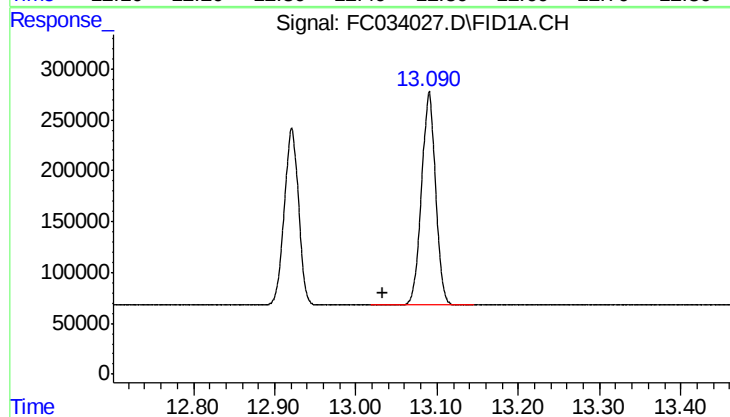
R.T.: 11.480 min
Delta R.T.: 0.049 min
Response: 2707726
Conc: 17.44 ug/ml

Instrument :
FID_C
ClientSampleId :



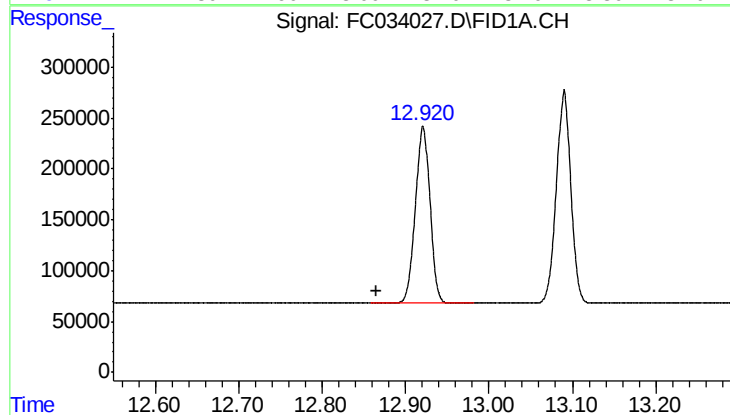
#10 n-Eicosane (C20)

R.T.: 12.480 min
Delta R.T.: 0.054 min
Response: 2541367
Conc: 17.30 ug/ml



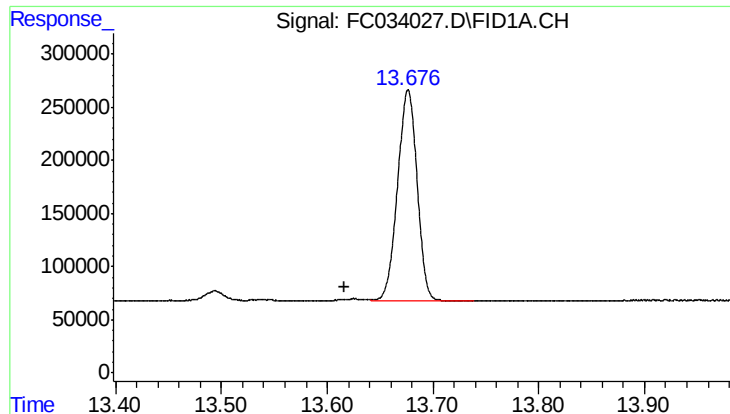
#11 n-Heneicosane (C21)

R.T.: 13.090 min
Delta R.T.: 0.056 min
Response: 2513950
Conc: 17.44 ug/ml



#12 1-chlorooctadecane (SURR)

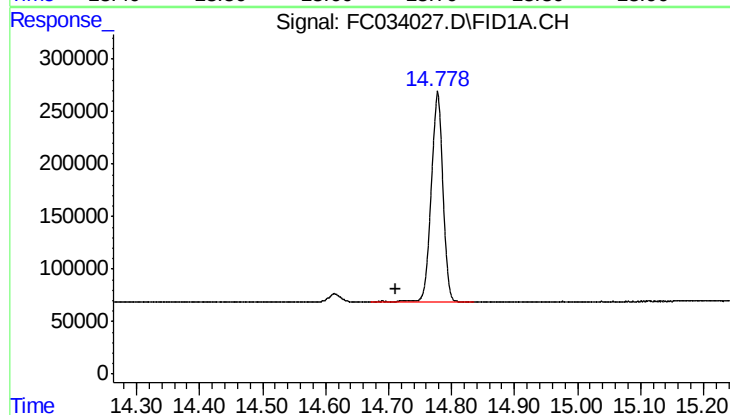
R.T.: 12.921 min
Delta R.T.: 0.056 min
Response: 2118579
Conc: 18.04 ug/ml



#13 n-Docosane (C22)

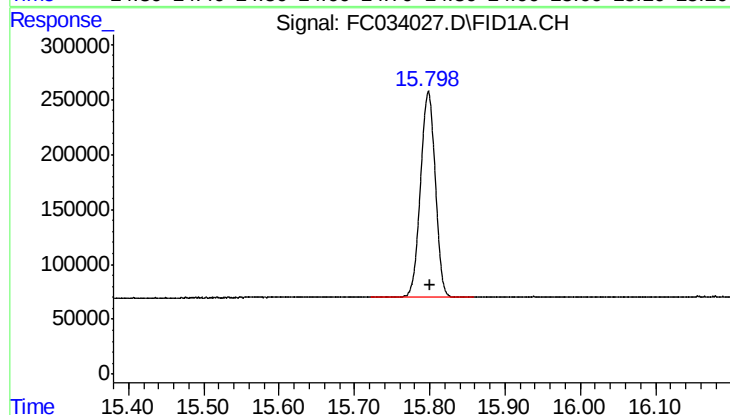
R.T.: 13.677 min
Delta R.T.: 0.061 min
Response: 2537419
Conc: 17.80 ug/ml

Instrument :
FID_C
ClientSampleId :



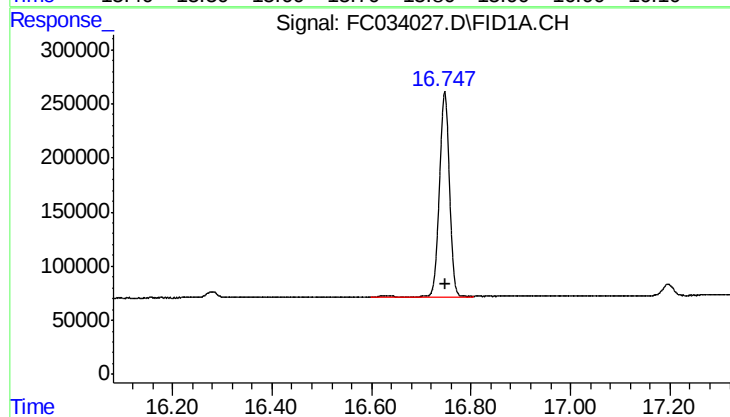
#14 n-Tetracosane (C24)

R.T.: 14.778 min
Delta R.T.: 0.066 min
Response: 2557830
Conc: 18.64 ug/ml



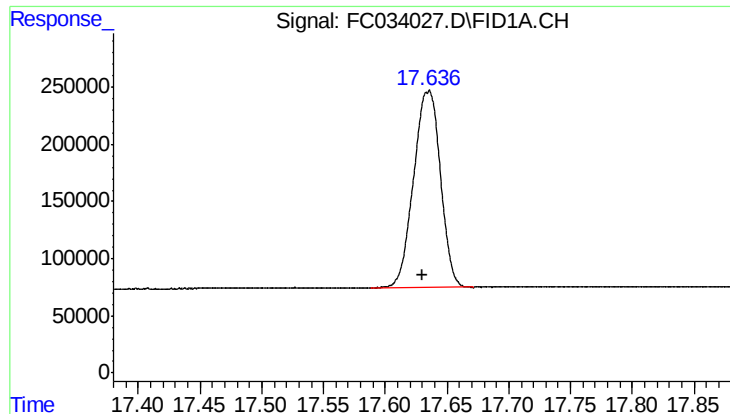
#15 n-Hexacosane (C26)

R.T.: 15.798 min
Delta R.T.: -0.002 min
Response: 2555171
Conc: 19.54 ug/ml



#16 n-Octacosane (C28)

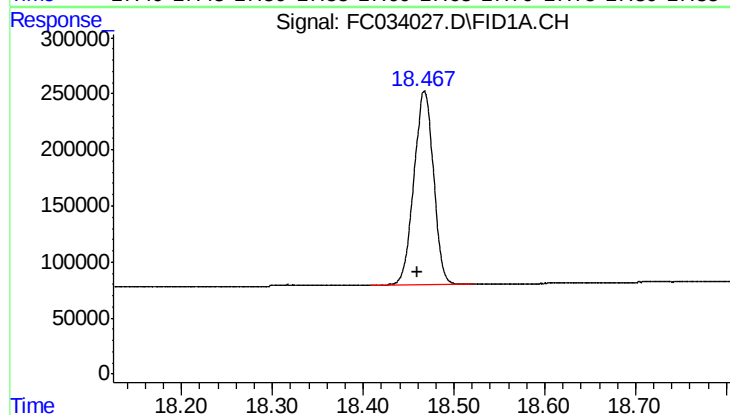
R.T.: 16.747 min
Delta R.T.: -0.003 min
Response: 2636206
Conc: 20.65 ug/ml



#17 n-Tricontane (C30)

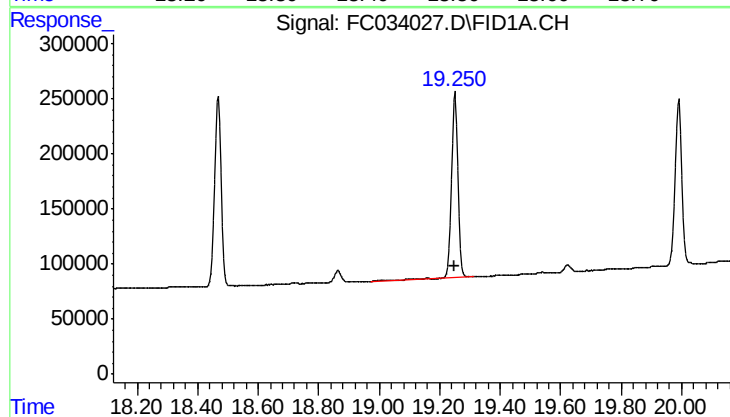
R.T.: 17.635 min
Delta R.T.: 0.005 min
Response: 2602363
Conc: 21.60 ug/ml

Instrument :
FID_C
ClientSampleId :



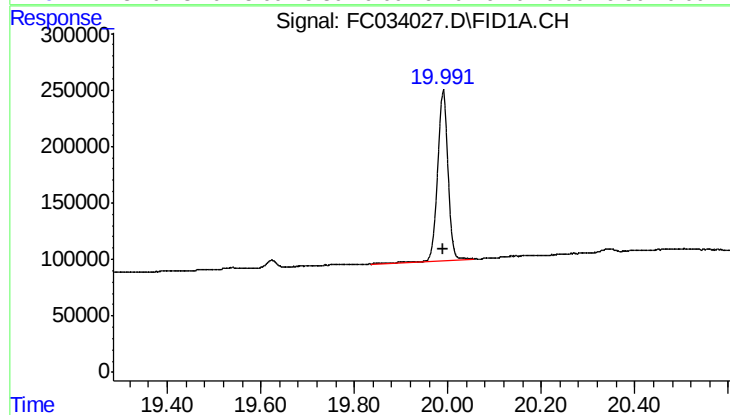
#18 n-Dotriacontane (C32)

R.T.: 18.468 min
Delta R.T.: 0.008 min
Response: 2593879
Conc: 22.28 ug/ml



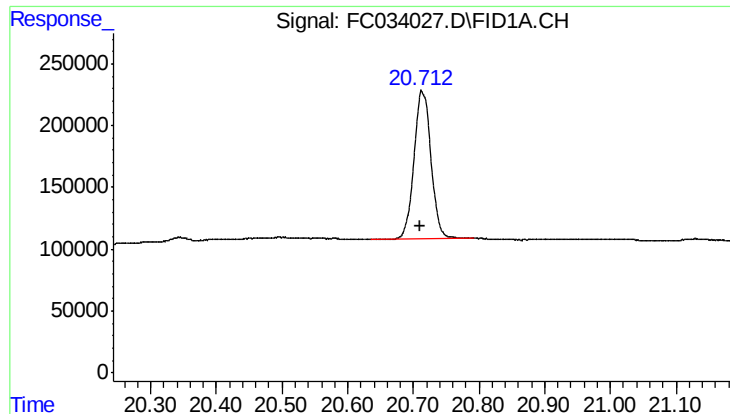
#19 n-Tetratriacontane (C34)

R.T.: 19.250 min
Delta R.T.: 0.000 min
Response: 2443977
Conc: 22.61 ug/ml



#20 n-Hexatriacontane (C36)

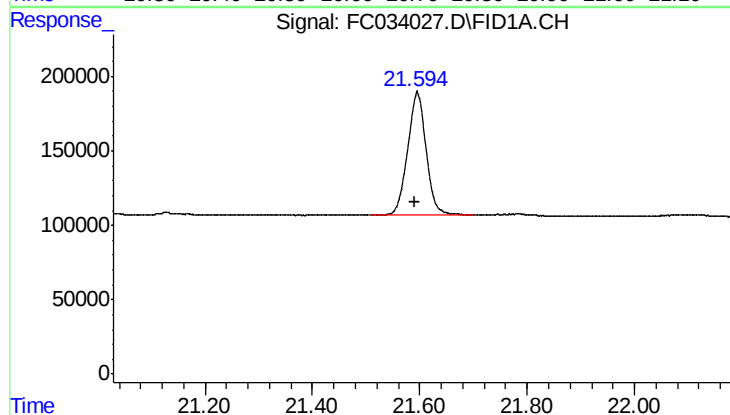
R.T.: 19.990 min
Delta R.T.: 0.000 min
Response: 2272383
Conc: 22.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.714 min
Delta R.T.: 0.004 min
Response: 2144381
Conc: 22.40 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.596 min
Delta R.T.: 0.006 min
Response: 1960129
Conc: 21.84 ug/ml