

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100224AL\
 Data File : FC067319.D
 Signal(s) : FID1A.ch
 Acq On : 30 Sep 2024 15:49
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 01 09:17:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 2024
 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)	11.496	2824935	18.565 ug/ml
Spiked Amount 50.000		Recovery =	37.13%
12) S 1-chlorooctadecane (S...	12.936	2103043	18.579 ug/ml
Spiked Amount 50.000		Recovery =	37.16%
Target Compounds			
1) T n-Nonane (C9)	3.271	2386932	18.830 ug/ml
2) T n-Decane (C10)	4.336	2416083	18.796 ug/ml
3) T A~Naphthalene (C11.7)	5.915	2659690	18.749 ug/ml
4) T n-Dodecane (C12)	6.353	2431941	18.742 ug/ml
5) T A~2-methylnaphthalene...	6.970	2571242	18.742 ug/ml
6) T n-Tetradecane (C14)	8.146	2424217	18.822 ug/ml
7) T n-Hexadecane (C16)	9.745	2474849	18.591 ug/ml
8) T n-Octadecane (C18)	11.185	2537908	18.716 ug/ml
10) T n-Eicosane (C20)	12.493	2451121	18.773 ug/ml
11) T n-Heneicosane (C21)	13.105	2390548	18.639 ug/ml
13) T n-Docosane (C22)	13.690	2437233	19.087 ug/ml
14) T n-Tetracosane (C24)	14.791	2582781	20.195 ug/ml
15) T n-Hexacosane (C26)	15.811	2583085	20.487 ug/ml
16) T n-Octacosane (C28)	16.759	2646593	21.067 ug/ml
17) T n-Tricontane (C30)	17.646	2716407	21.086 ug/ml
18) T n-Dotriacontane (C32)	18.477	2617131	20.949 ug/ml
19) T n-Tetratriacontane (C34)	19.260	2234114	20.444 ug/ml
20) T n-Hexatriacontane (C36)	19.998	1813116	19.183 ug/ml
21) T n-Octatriacontane (C38)	20.722	1657957	18.905 ug/ml
22) T n-Tetracontane (C40)	21.609	1610830	18.720 ug/ml

(f)=RT Delta > 1/2 Window

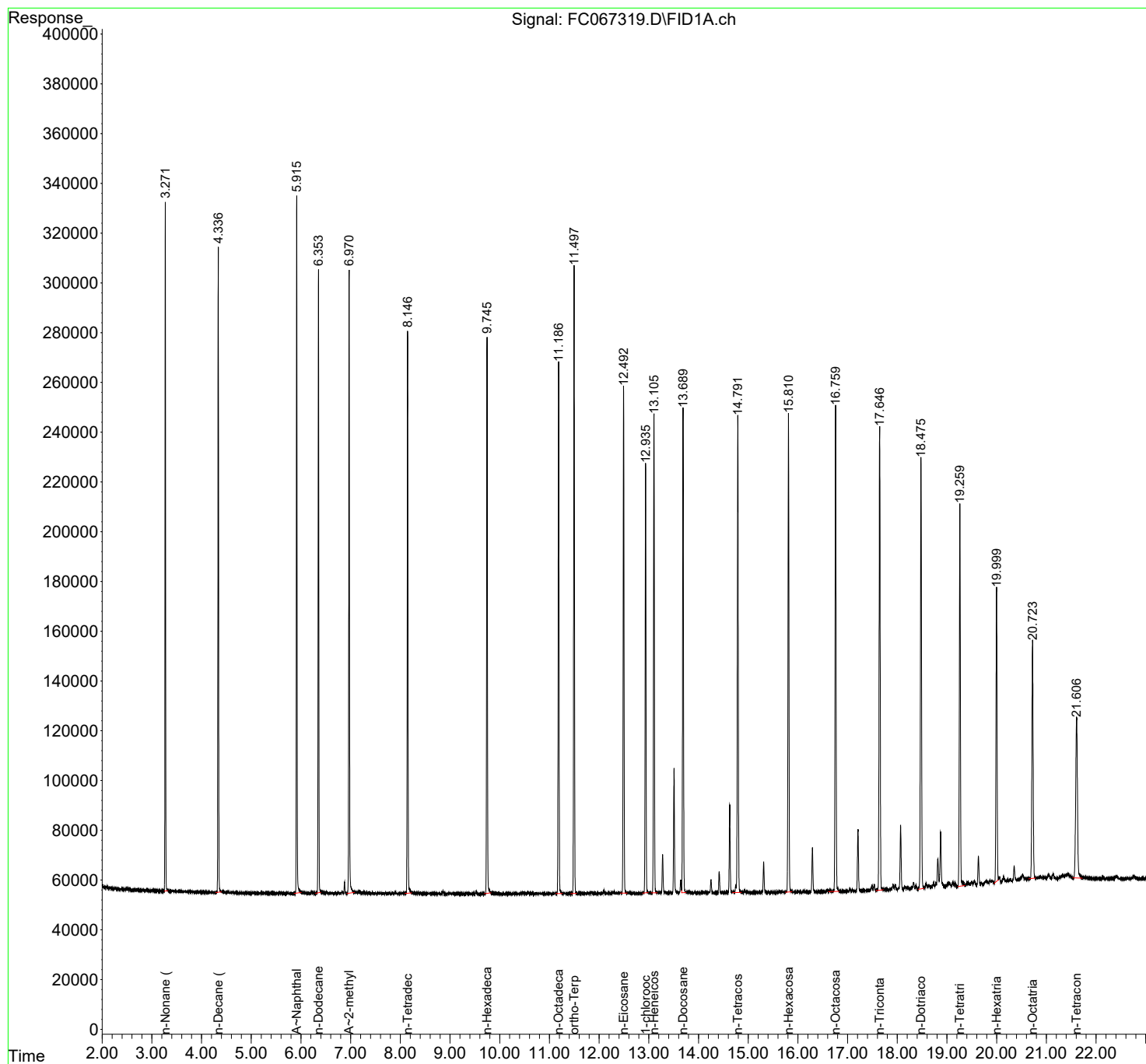
(m)=manual int.

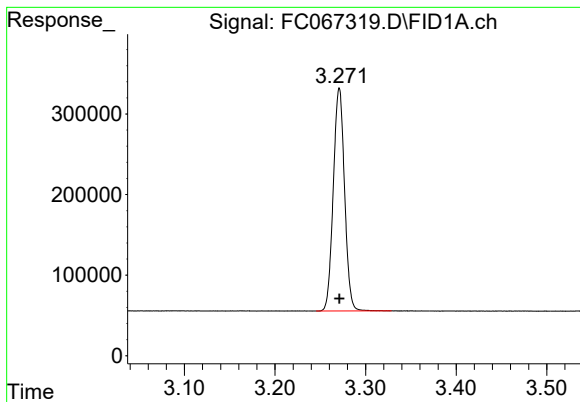
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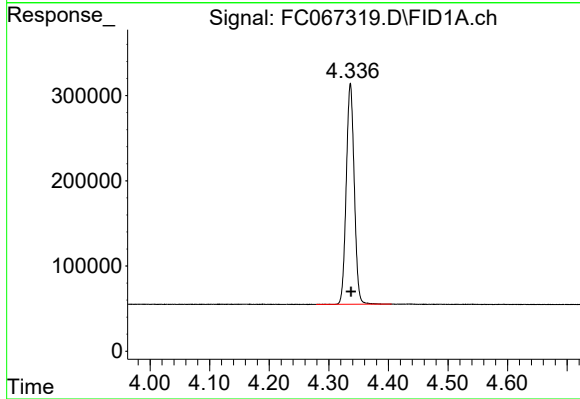




#1 n-Nonane (C9)

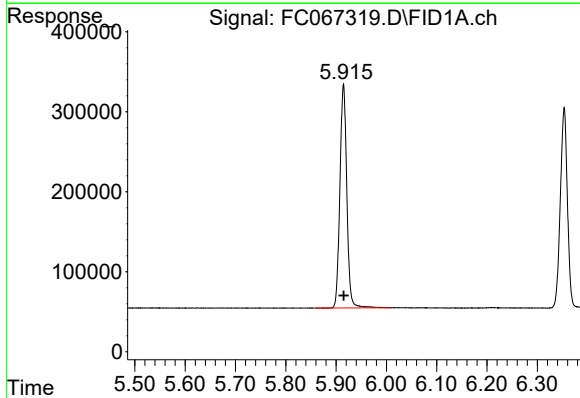
R.T.: 3.271 min
Delta R.T.: 0.000 min
Response: 2386932
Conc: 18.83 ug/ml

Instrument :
FID_C
ClientSampleId :



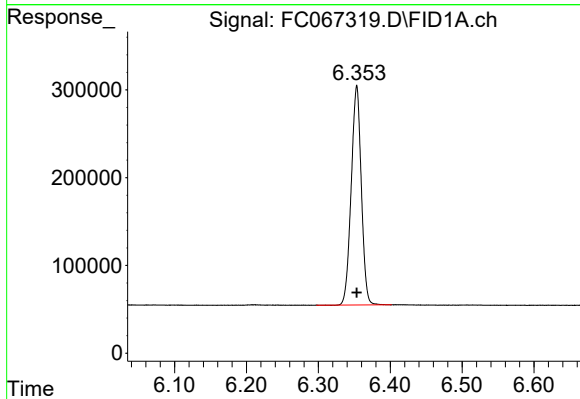
#2 n-Decane (C10)

R.T.: 4.336 min
Delta R.T.: 0.000 min
Response: 2416083
Conc: 18.80 ug/ml



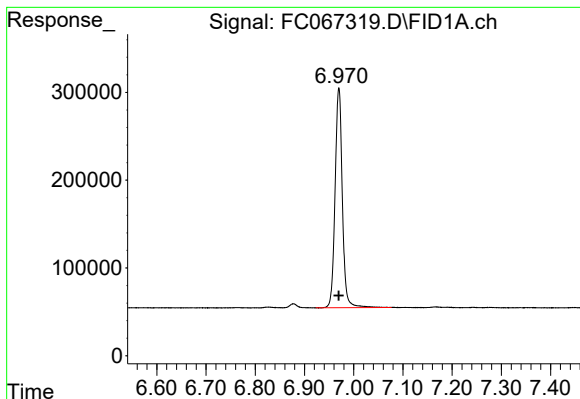
#3 A~Naphthalene (C11.7)

R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 2659690
Conc: 18.75 ug/ml



#4 n-Dodecane (C12)

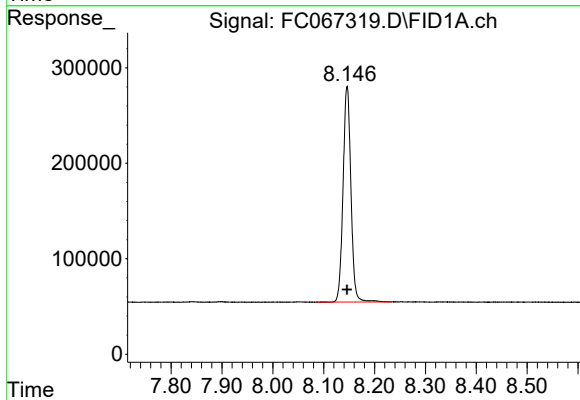
R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 2431941
Conc: 18.74 ug/ml



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

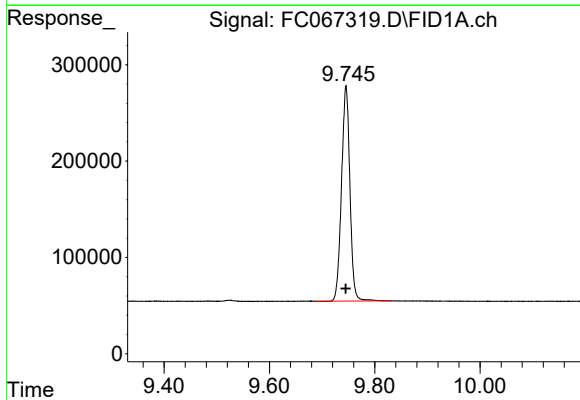
R.T.: 6.970 min
Delta R.T.: 0.000 min
Response: 2571242
Conc: 18.74 ug/ml

Instrument :
FID_C
ClientSampleId :



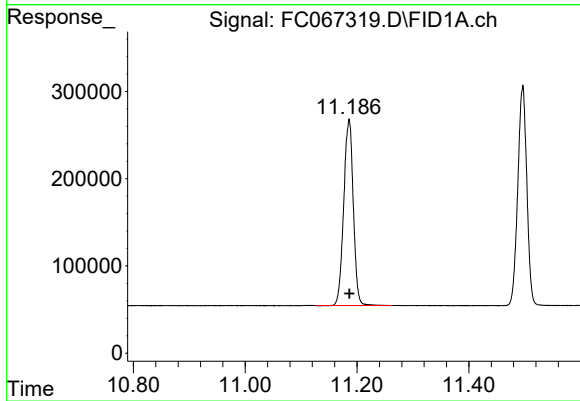
#6 n-Tetradecane (C14)

R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 2424217
Conc: 18.82 ug/ml



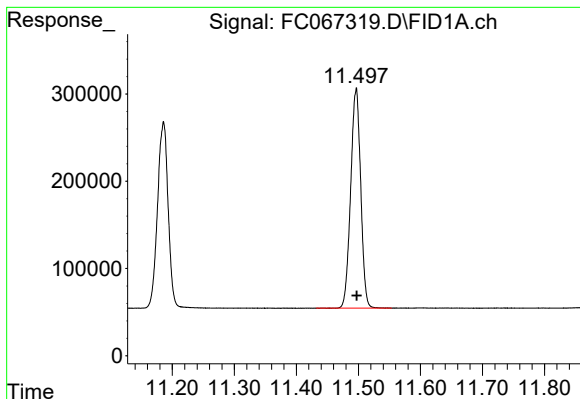
#7 n-Hexadecane (C16)

R.T.: 9.745 min
Delta R.T.: 0.000 min
Response: 2474849
Conc: 18.59 ug/ml



#8 n-Octadecane (C18)

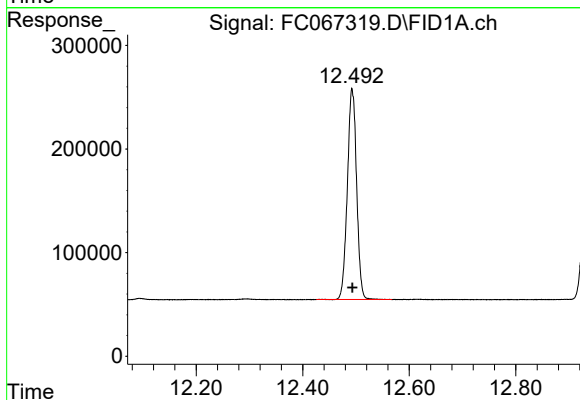
R.T.: 11.185 min
Delta R.T.: 0.000 min
Response: 2537908
Conc: 18.72 ug/ml



#9 ortho-Terphenyl (SURR)

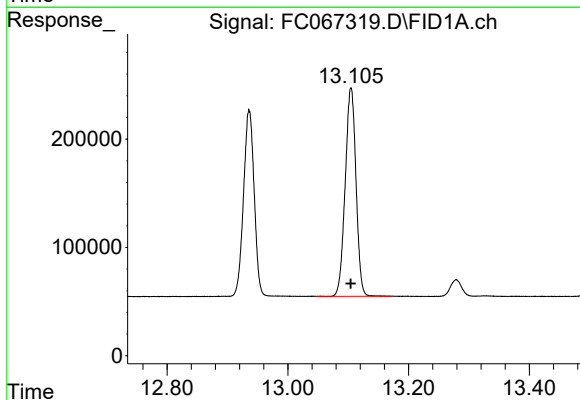
R.T.: 11.496 min
Delta R.T.: 0.000 min
Response: 2824935
Conc: 18.57 ug/ml

Instrument :
FID_C
ClientSampleId :



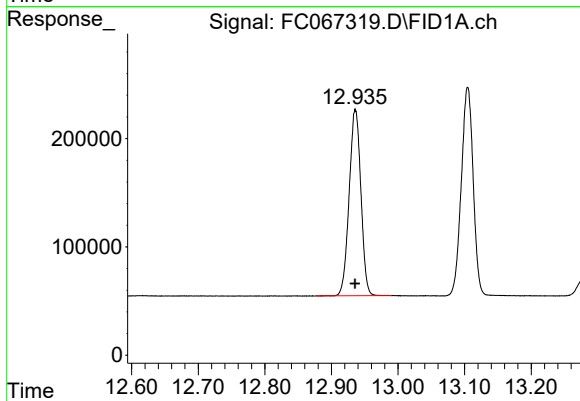
#10 n-Eicosane (C20)

R.T.: 12.493 min
Delta R.T.: 0.000 min
Response: 2451121
Conc: 18.77 ug/ml



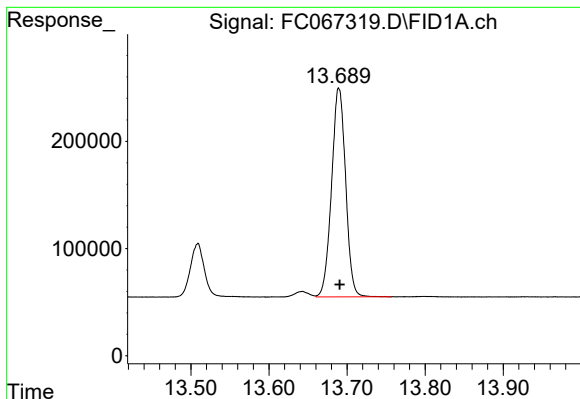
#11 n-Heneicosane (C21)

R.T.: 13.105 min
Delta R.T.: 0.000 min
Response: 2390548
Conc: 18.64 ug/ml



#12 1-chlorooctadecane (SURR)

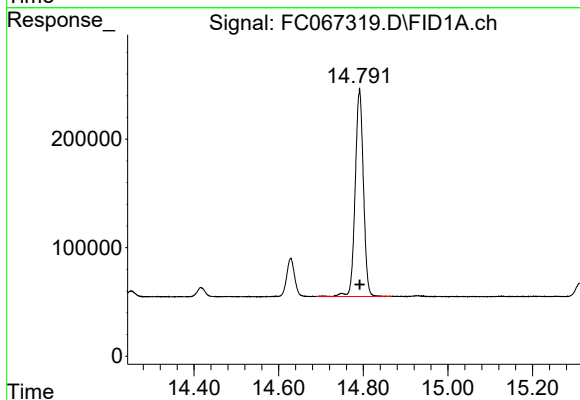
R.T.: 12.936 min
Delta R.T.: 0.000 min
Response: 2103043
Conc: 18.58 ug/ml



#13 n-Docosane (C22)

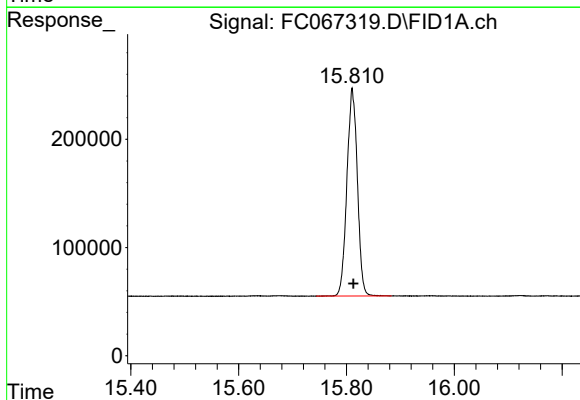
R.T.: 13.690 min
Delta R.T.: 0.000 min
Response: 2437233
Conc: 19.09 ug/ml

Instrument :
FID_C
ClientSampleId :



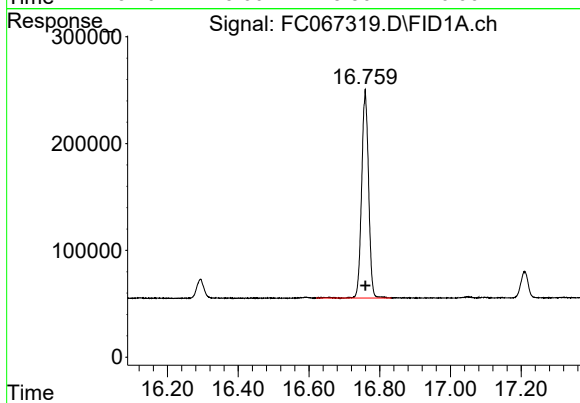
#14 n-Tetracosane (C24)

R.T.: 14.791 min
Delta R.T.: 0.000 min
Response: 2582781
Conc: 20.19 ug/ml



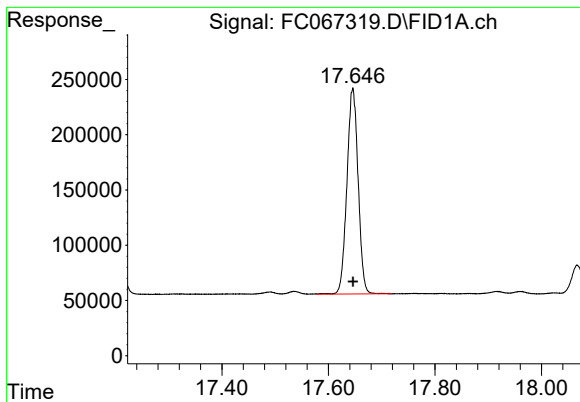
#15 n-Hexacosane (C26)

R.T.: 15.811 min
Delta R.T.: -0.001 min
Response: 2583085
Conc: 20.49 ug/ml



#16 n-Octacosane (C28)

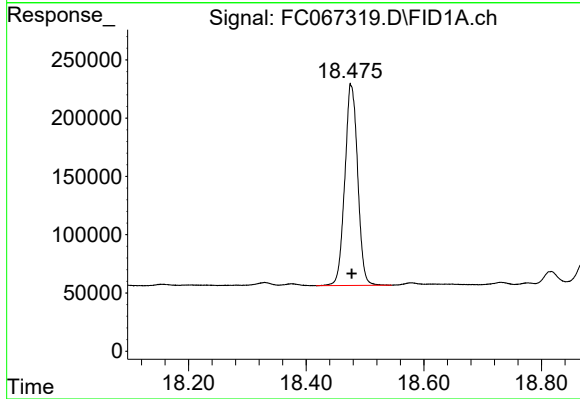
R.T.: 16.759 min
Delta R.T.: 0.000 min
Response: 2646593
Conc: 21.07 ug/ml



#17 n-Tricontane (C30)

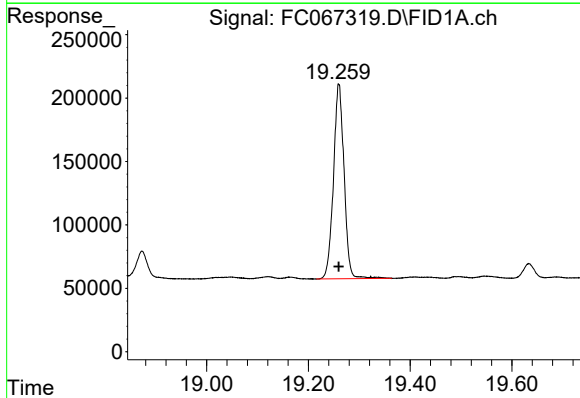
R.T.: 17.646 min
Delta R.T.: 0.000 min
Response: 2716407
Conc: 21.09 ug/ml

Instrument :
FID_C
ClientSampleId :



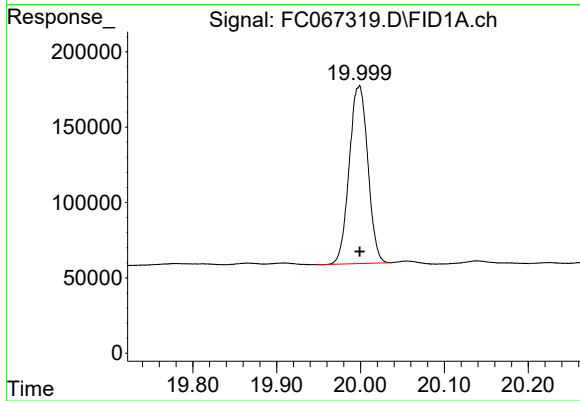
#18 n-Dotriacontane (C32)

R.T.: 18.477 min
Delta R.T.: 0.000 min
Response: 2617131
Conc: 20.95 ug/ml



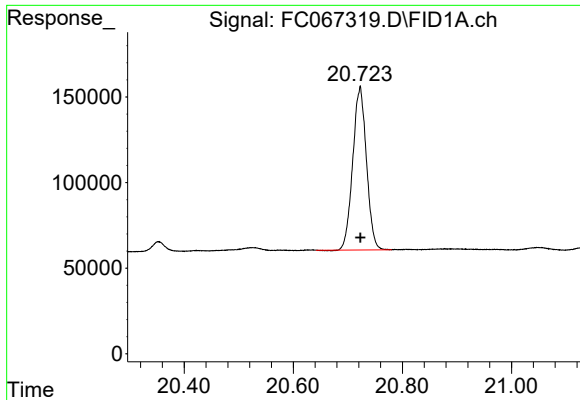
#19 n-Tetratriacontane (C34)

R.T.: 19.260 min
Delta R.T.: 0.000 min
Response: 2234114
Conc: 20.44 ug/ml



#20 n-Hexatriacontane (C36)

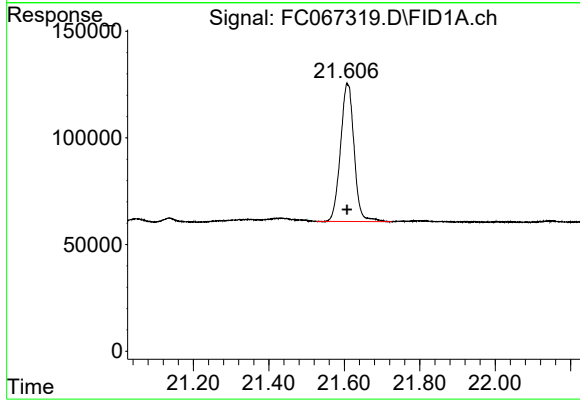
R.T.: 19.998 min
Delta R.T.: -0.001 min
Response: 1813116
Conc: 19.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.722 min
Delta R.T.: 0.000 min
Response: 1657957
Conc: 18.90 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.609 min
Delta R.T.: 0.001 min
Response: 1610830
Conc: 18.72 ug/ml