

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031921AL\
 Data File : FC052547.D
 Signal(s) : FID1A.CH
 Acq On : 19 Mar 2021 14:28
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 20 00:06:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 2021
 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)	11.567	2854912	21.299 ug/ml
Spiked Amount 50.000		Recovery =	42.60%
12) S 1-chlorooctadecane (S...	13.003	2264682	20.997 ug/ml
Spiked Amount 50.000		Recovery =	41.99%
Target Compounds			
1) T n-Nonane (C9)	3.328	2520050	21.697 ug/ml
2) T n-Decane (C10)	4.393	2552954	21.786 ug/ml
3) T A~Naphthalene (C11.7)	5.978	2853047	21.791 ug/ml
4) T n-Dodecane (C12)	6.412	2628870	21.895 ug/ml
5) T A~2-methylnaphthalene...	7.036	2933419	21.914 ug/ml
6) T n-Tetradecane (C14)	8.208	2654316	21.946 ug/ml
7) T n-Hexadecane (C16)	9.810	2629510	21.863 ug/ml
8) T n-Octadecane (C18)	11.251	2716138	21.528 ug/ml
10) T n-Eicosane (C20)	12.560	2697941	21.128 ug/ml
11) T n-Heneicosane (C21)	13.170	2665682	20.972 ug/ml
13) T n-Docosane (C22)	13.757	2623497	20.710 ug/ml
14) T n-Tetracosane (C24)	14.860	2526780	20.227 ug/ml
15) T n-Hexacosane (C26)	15.880	2385058	19.807 ug/ml
16) T n-Octacosane (C28)	16.828	2250892	19.523 ug/ml
17) T n-Tricontane (C30)	17.715	2142514	19.665 ug/ml
18) T n-Dotriacontane (C32)	18.547	2024024	20.172 ug/ml
19) T n-Tetratriacontane (C34)	19.330	1929157	20.988 ug/ml
20) T n-Hexatriacontane (C36)	20.068	1889339	20.719 ug/ml
21) T n-Octatriacontane (C38)	20.801	1793972	21.981 ug/ml
22) T n-Tetracontane (C40)	21.705	1910008	22.173 ug/ml

(f)=RT Delta > 1/2 Window

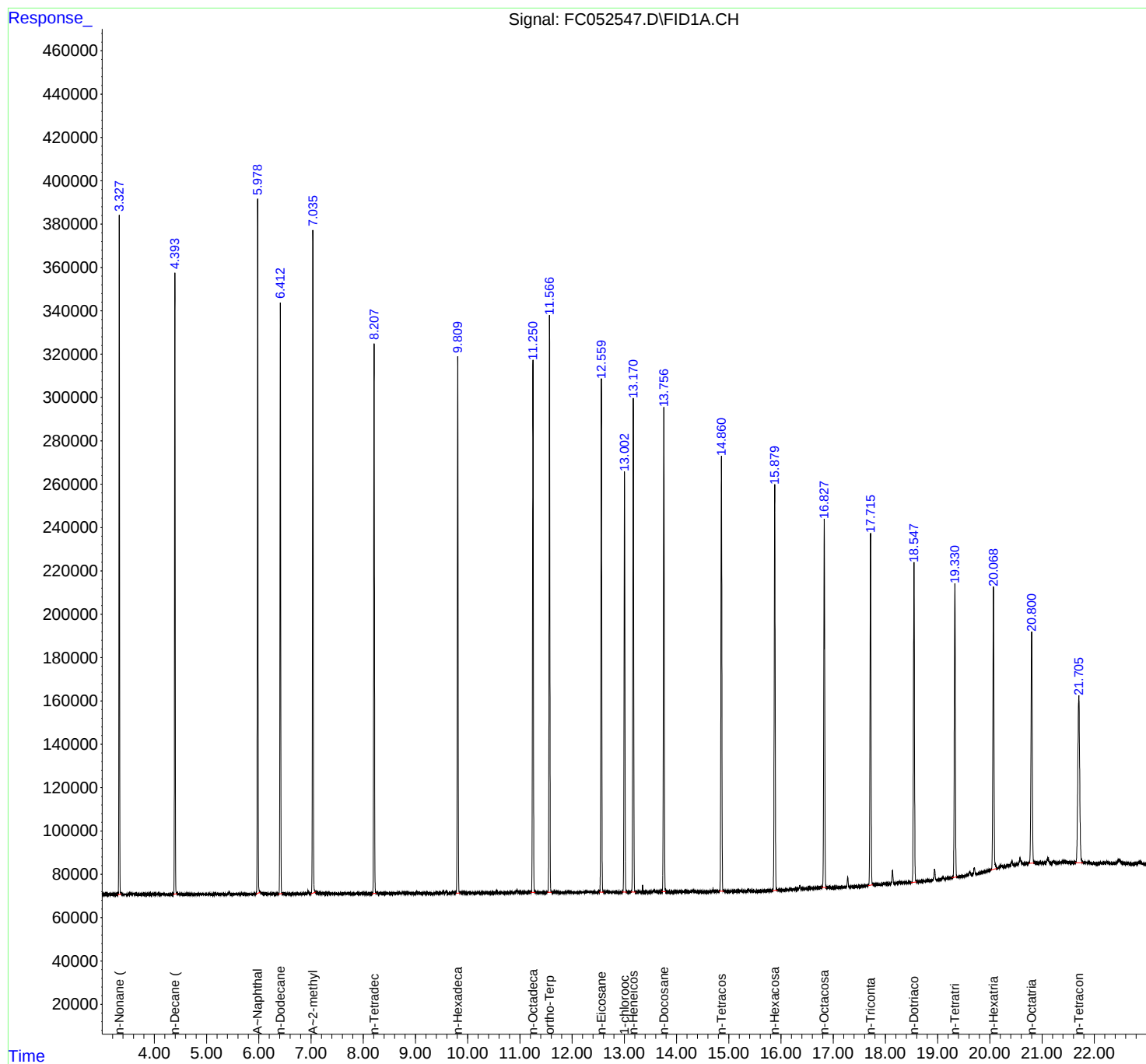
(m)=manual int.

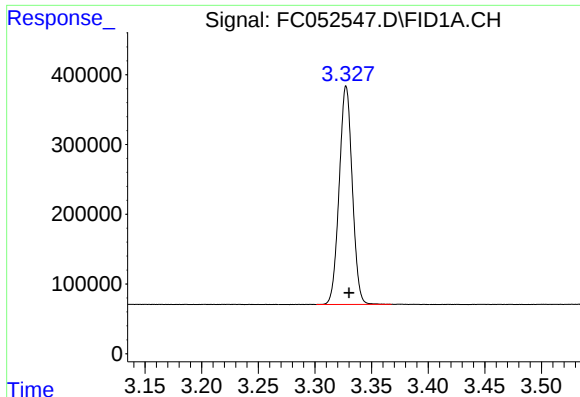
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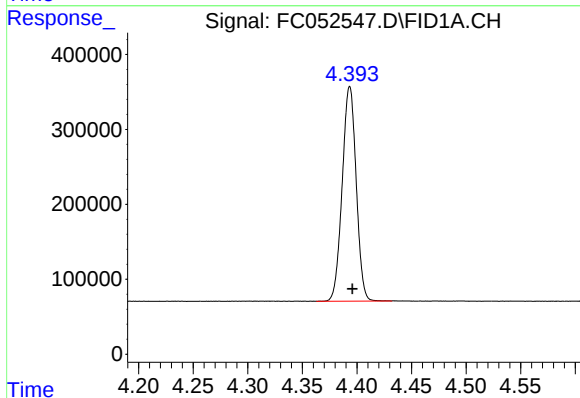




#1 n-Nonane (C9)

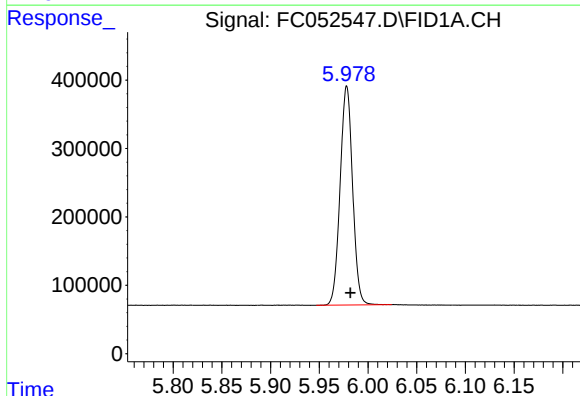
R.T.: 3.328 min
Delta R.T.: -0.002 min
Response: 2520050
Conc: 21.70 ug/ml

Instrument :
FID_C
ClientSampleId :



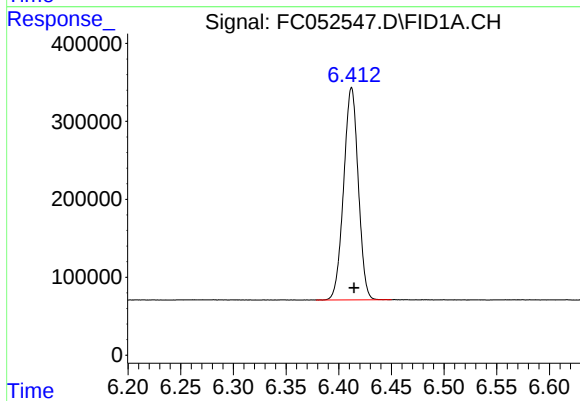
#2 n-Decane (C10)

R.T.: 4.393 min
Delta R.T.: -0.002 min
Response: 2552954
Conc: 21.79 ug/ml



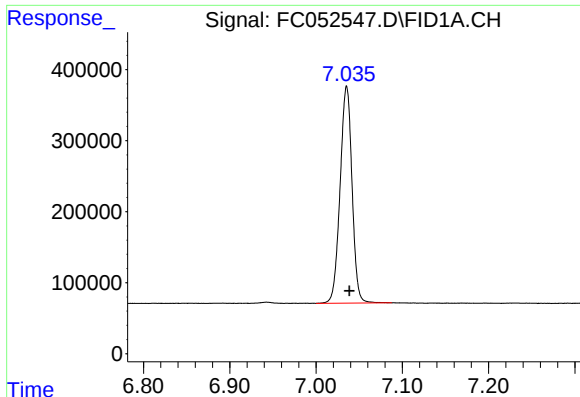
#3 A~Naphthalene (C11.7)

R.T.: 5.978 min
Delta R.T.: -0.004 min
Response: 2853047
Conc: 21.79 ug/ml



#4 n-Dodecane (C12)

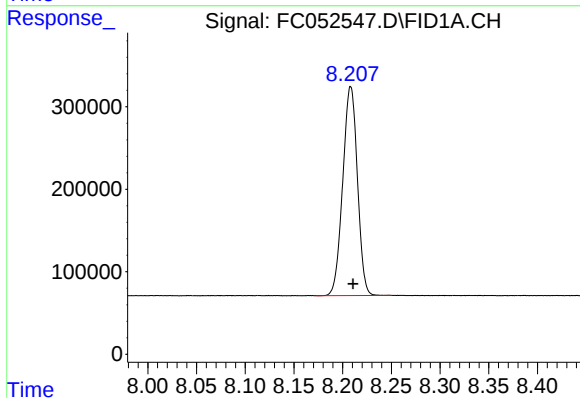
R.T.: 6.412 min
Delta R.T.: -0.002 min
Response: 2628870
Conc: 21.90 ug/ml



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

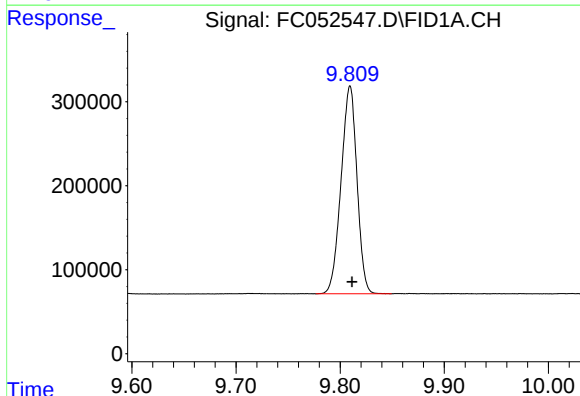
R.T.: 7.036 min
Delta R.T.: -0.003 min
Response: 2933419
Conc: 21.91 ug/ml

Instrument :
FID_C
ClientSampleId :



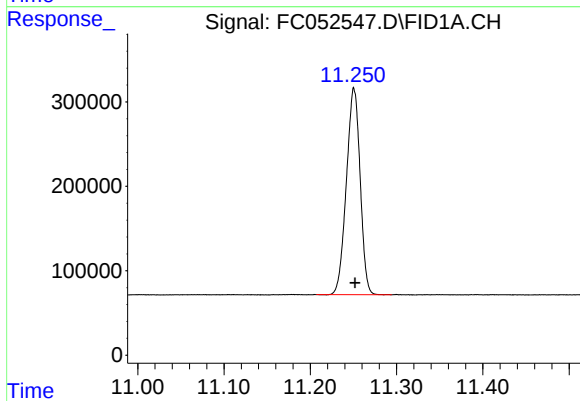
#6 n-Tetradecane (C14)

R.T.: 8.208 min
Delta R.T.: -0.002 min
Response: 2654316
Conc: 21.95 ug/ml



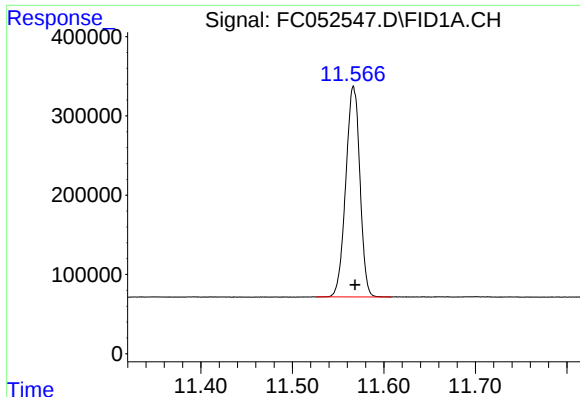
#7 n-Hexadecane (C16)

R.T.: 9.810 min
Delta R.T.: -0.002 min
Response: 2629510
Conc: 21.86 ug/ml



#8 n-Octadecane (C18)

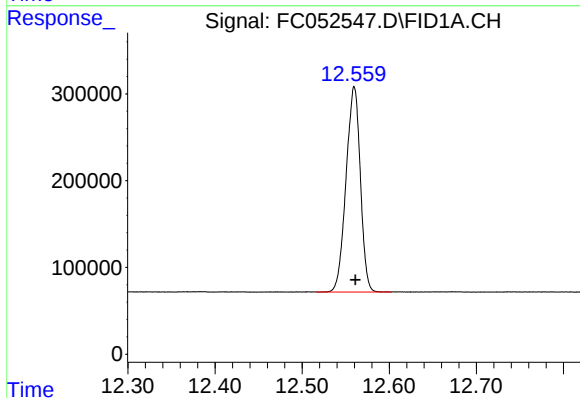
R.T.: 11.251 min
Delta R.T.: -0.001 min
Response: 2716138
Conc: 21.53 ug/ml



#9 ortho-Terphenyl (SURR)

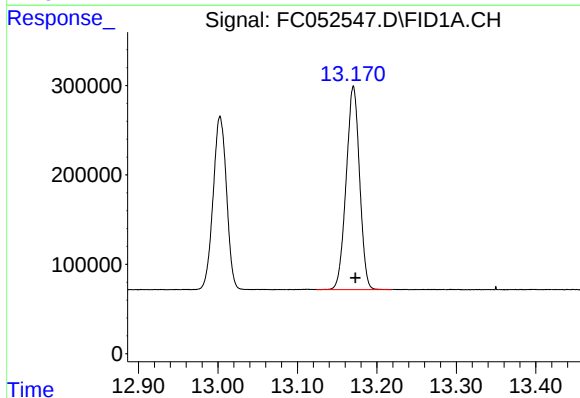
R.T.: 11.567 min
Delta R.T.: -0.002 min
Response: 2854912
Conc: 21.30 ug/ml

Instrument :
FID_C
ClientSampleId :



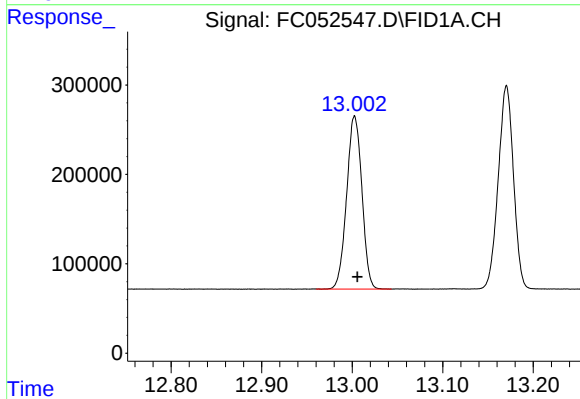
#10 n-Eicosane (C20)

R.T.: 12.560 min
Delta R.T.: -0.001 min
Response: 2697941
Conc: 21.13 ug/ml



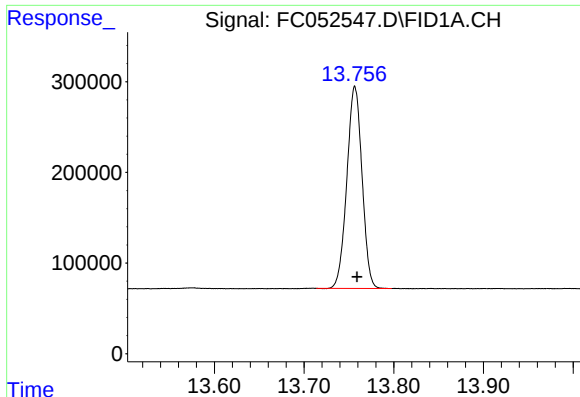
#11 n-Heneicosane (C21)

R.T.: 13.170 min
Delta R.T.: -0.002 min
Response: 2665682
Conc: 20.97 ug/ml



#12 1-chlorooctadecane (SURR)

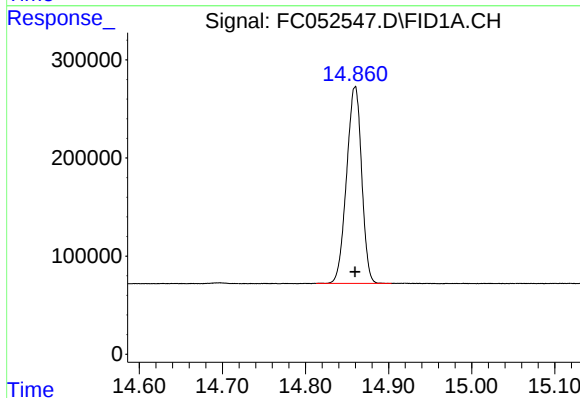
R.T.: 13.003 min
Delta R.T.: -0.003 min
Response: 2264682
Conc: 21.00 ug/ml



#13 n-Docosane (C22)

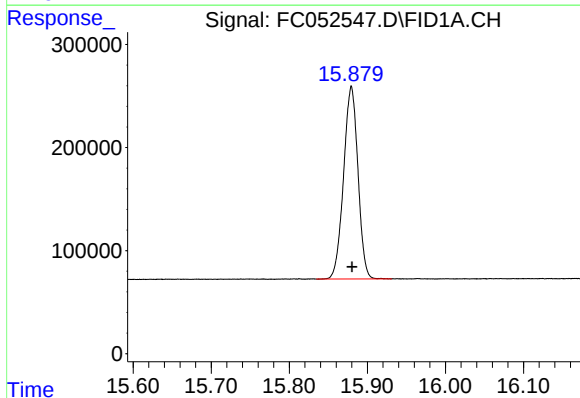
R.T.: 13.757 min
Delta R.T.: -0.003 min
Response: 2623497
Conc: 20.71 ug/ml

Instrument :
FID_C
ClientSampleId :



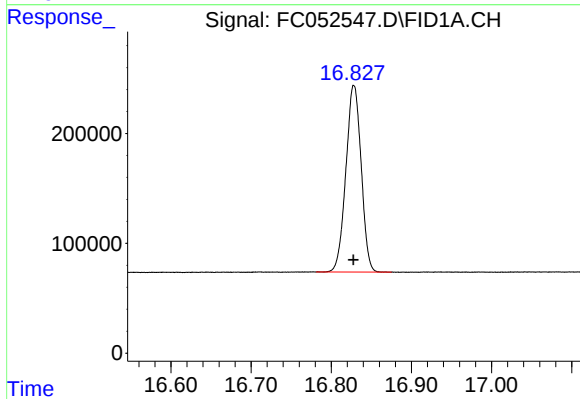
#14 n-Tetracosane (C24)

R.T.: 14.860 min
Delta R.T.: 0.000 min
Response: 2526780
Conc: 20.23 ug/ml



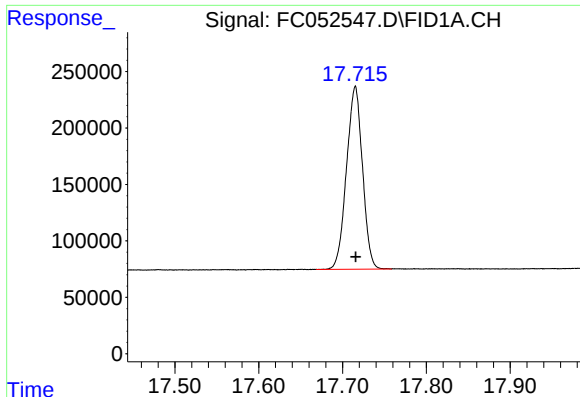
#15 n-Hexacosane (C26)

R.T.: 15.880 min
Delta R.T.: 0.000 min
Response: 2385058
Conc: 19.81 ug/ml



#16 n-Octacosane (C28)

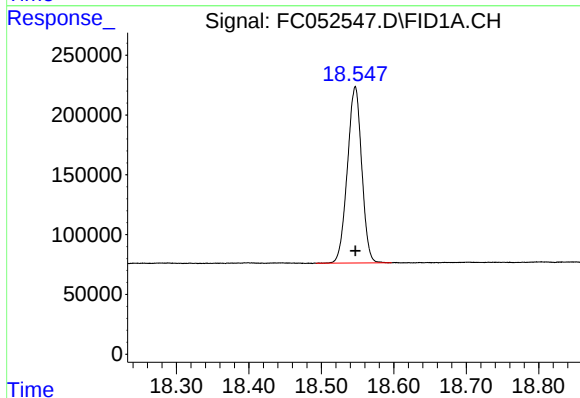
R.T.: 16.828 min
Delta R.T.: 0.000 min
Response: 2250892
Conc: 19.52 ug/ml



#17 n-Tricontane (C30)

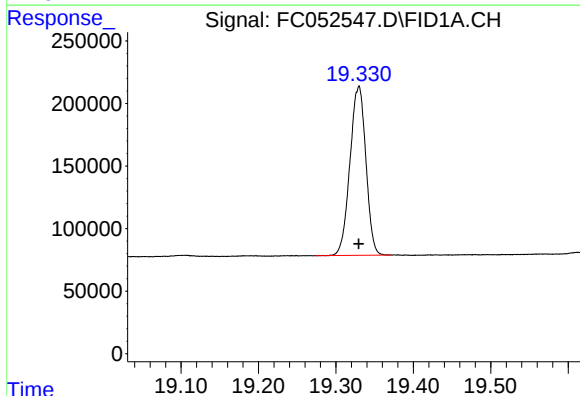
R.T.: 17.715 min
Delta R.T.: 0.000 min
Response: 2142514
Conc: 19.67 ug/ml

Instrument :
FID_C
ClientSampleId :



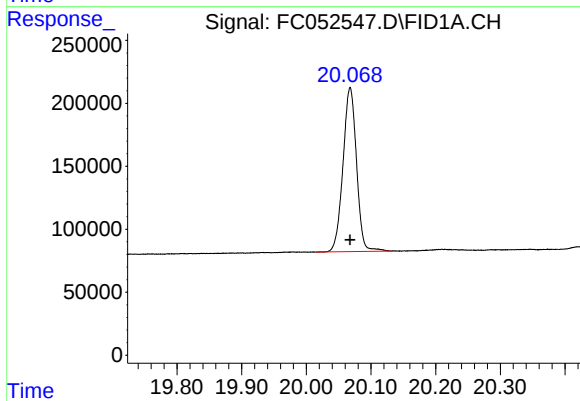
#18 n-Dotriacontane (C32)

R.T.: 18.547 min
Delta R.T.: 0.000 min
Response: 2024024
Conc: 20.17 ug/ml



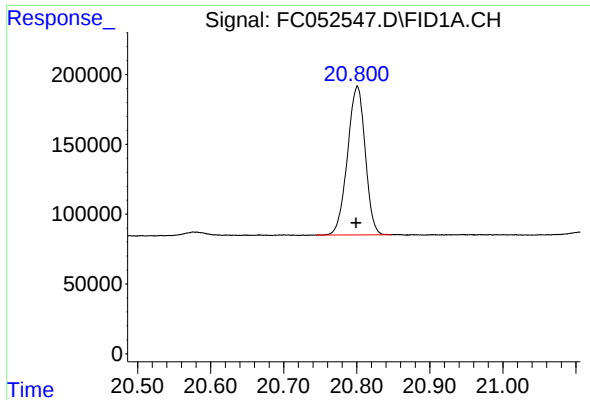
#19 n-Tetratriacontane (C34)

R.T.: 19.330 min
Delta R.T.: 0.000 min
Response: 1929157
Conc: 20.99 ug/ml



#20 n-Hexatriacontane (C36)

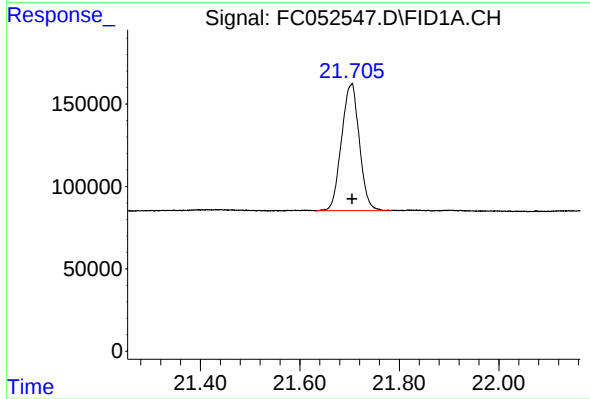
R.T.: 20.068 min
Delta R.T.: 0.000 min
Response: 1889339
Conc: 20.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.801 min
Delta R.T.: 0.002 min
Response: 1793972
Conc: 21.98 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.705 min
Delta R.T.: 0.000 min
Response: 1910008
Conc: 22.17 ug/ml