

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072221AL\
 Data File : FC054814.D
 Signal(s) : FID1A.CH
 Acq On : 23 Jul 2021 12:50
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 23 13:24:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 072121.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 21 03:37:32 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)	11.310	2924661	21.026 ug/ml
Spiked Amount 50.000		Recovery =	42.05%
12) S 1-chlorooctadecane (S...	12.753	2321414	20.883 ug/ml
Spiked Amount 50.000		Recovery =	41.77%
Target Compounds			
1) T n-Nonane (C9)	3.133	2420494	21.095 ug/ml
2) T n-Decane (C10)	4.184	2471155	21.264 ug/ml
3) T A~Naphthalene (C11.7)	5.749	2613497	21.721 ug/ml
4) T n-Dodecane (C12)	6.189	2539697	21.249 ug/ml
5) T A~2-methylnaphthalene...	6.801	2643772	21.648 ug/ml
6) T n-Tetradecane (C14)	7.975	2619248	21.291 ug/ml
7) T n-Hexadecane (C16)	9.570	2681033	21.267 ug/ml
8) T n-Octadecane (C18)	11.007	2775474	21.174 ug/ml
10) T n-Eicosane (C20)	12.312	2757942	20.931 ug/ml
11) T n-Heneicosane (C21)	12.921	2781689	20.887 ug/ml
13) T n-Docosane (C22)	13.507	2729603	20.612 ug/ml
14) T n-Tetracosane (C24)	14.607	2708904	20.546 ug/ml
15) T n-Hexacosane (C26)	15.625	2565858	19.949 ug/ml
16) T n-Octacosane (C28)	16.573	2456711	18.653 ug/ml
17) T n-Tricontane (C30)	17.459	2327016	16.352 ug/ml
18) T n-Dotriacontane (C32)	18.290	2190844	17.703 ug/ml
19) T n-Tetratriacontane (C34)	19.072	2112242	20.629 ug/ml
20) T n-Hexatriacontane (C36)	19.811	2057046	21.720 ug/ml
21) T n-Octatriacontane (C38)	20.515	2033583	21.840 ug/ml
22) T n-Tetracontane (C40)	21.326	1989612	20.499 ug/ml

(f)=RT Delta > 1/2 Window

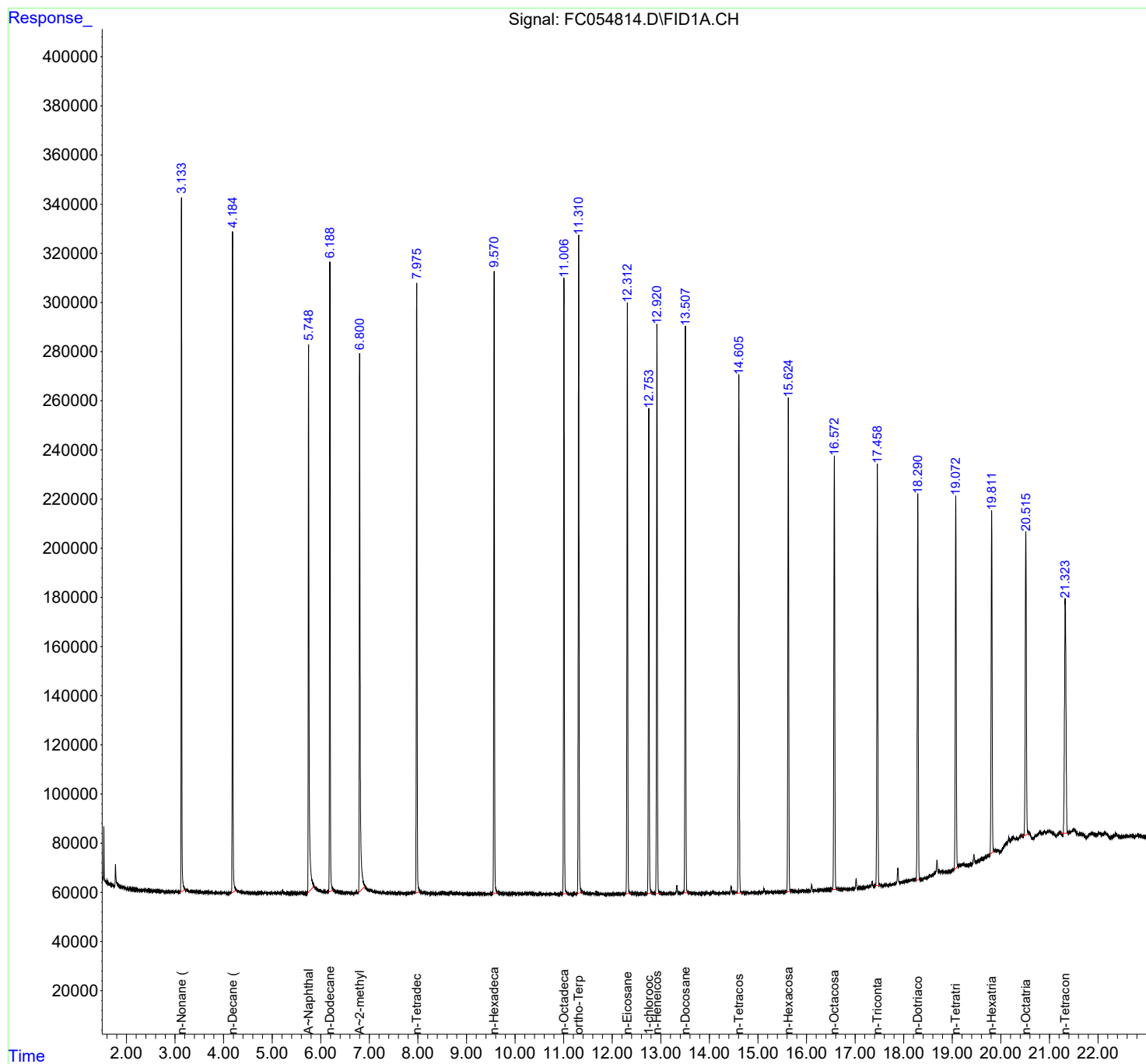
(m)=manual int.

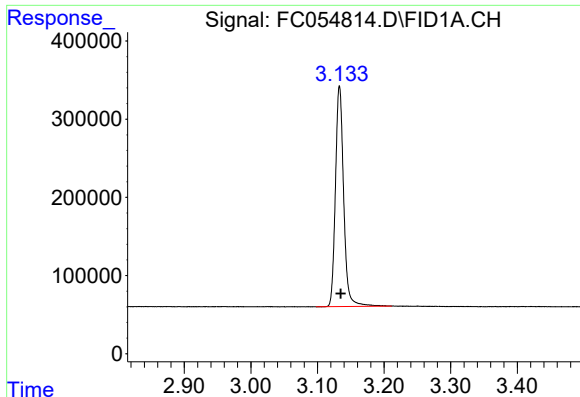
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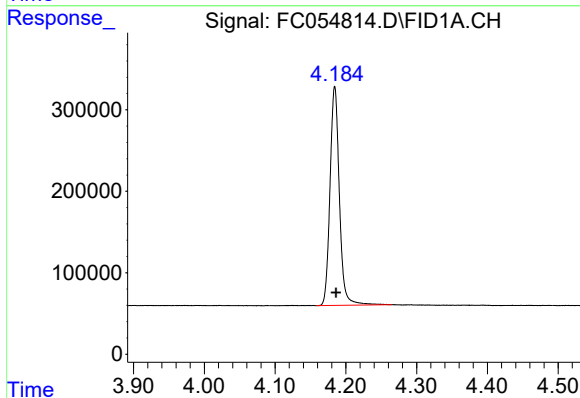




#1 n-Nonane (C9)

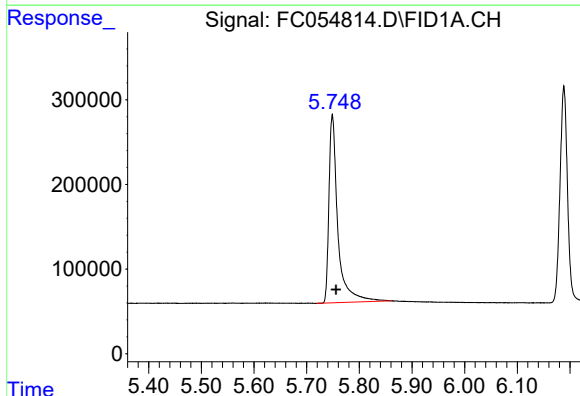
R.T.: 3.133 min
Delta R.T.: -0.002 min
Response: 2420494
Conc: 21.10 ug/ml

Instrument :
FID_C
ClientSampleId :



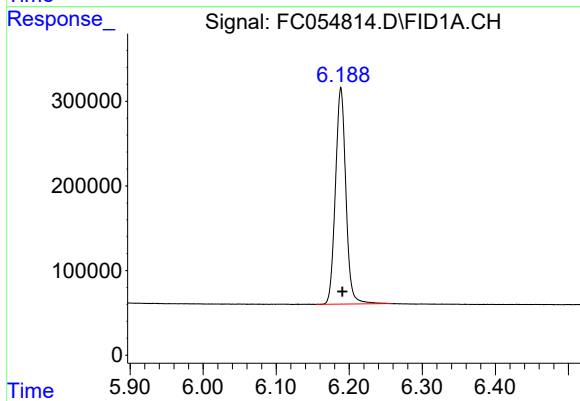
#2 n-Decane (C10)

R.T.: 4.184 min
Delta R.T.: -0.002 min
Response: 2471155
Conc: 21.26 ug/ml



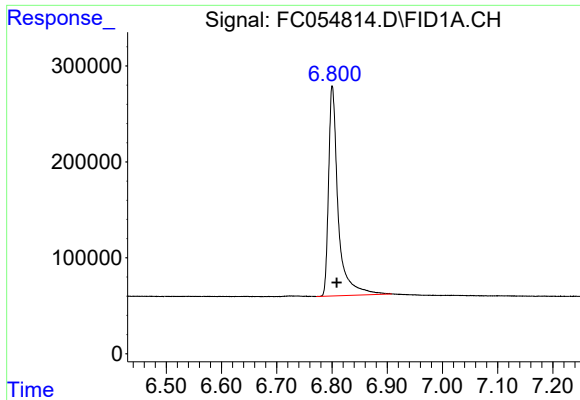
#3 A~Naphthalene (C11.7)

R.T.: 5.749 min
Delta R.T.: -0.007 min
Response: 2613497
Conc: 21.72 ug/ml



#4 n-Dodecane (C12)

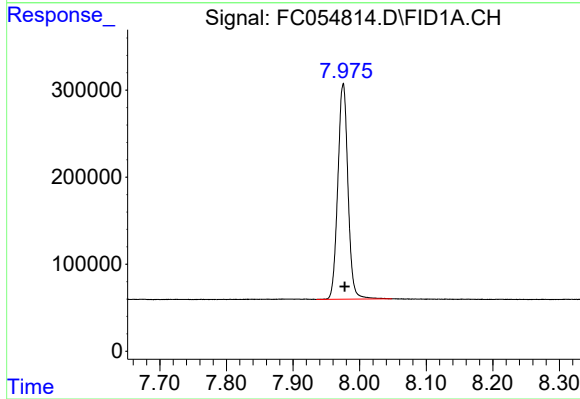
R.T.: 6.189 min
Delta R.T.: -0.002 min
Response: 2539697
Conc: 21.25 ug/ml



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

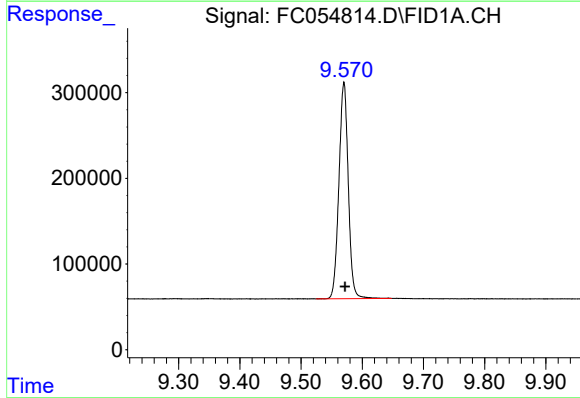
R.T.: 6.801 min
Delta R.T.: -0.007 min
Response: 2643772
Conc: 21.65 ug/ml

Instrument :
FID_C
ClientSampleId :



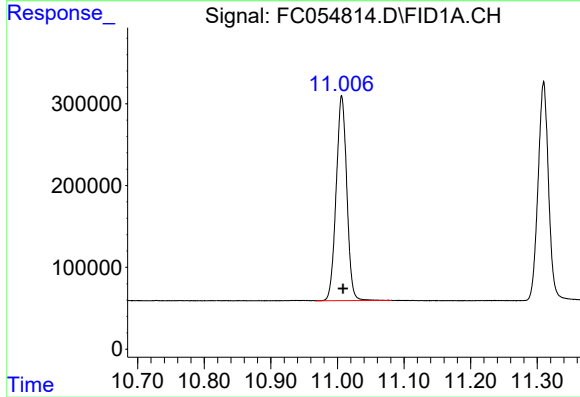
#6 n-Tetradecane (C14)

R.T.: 7.975 min
Delta R.T.: -0.003 min
Response: 2619248
Conc: 21.29 ug/ml



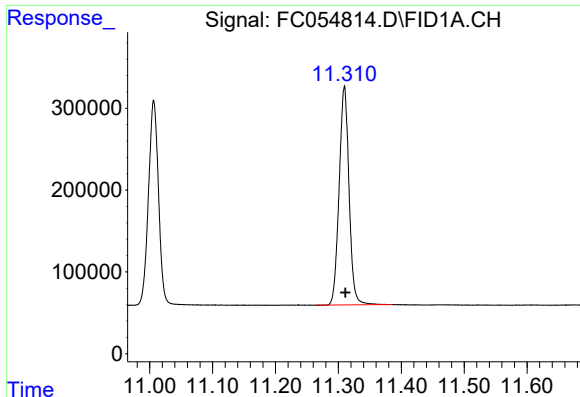
#7 n-Hexadecane (C16)

R.T.: 9.570 min
Delta R.T.: -0.002 min
Response: 2681033
Conc: 21.27 ug/ml



#8 n-Octadecane (C18)

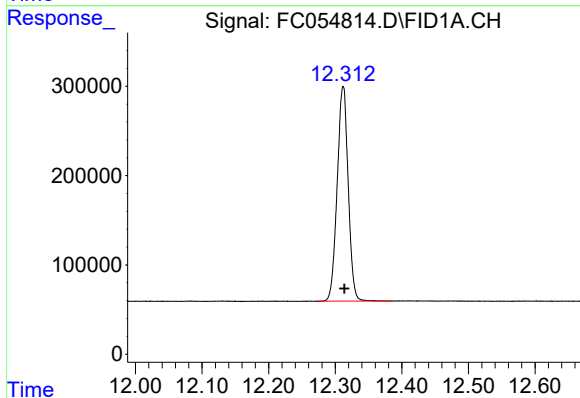
R.T.: 11.007 min
Delta R.T.: -0.002 min
Response: 2775474
Conc: 21.17 ug/ml



#9 ortho-Terphenyl (SURR)

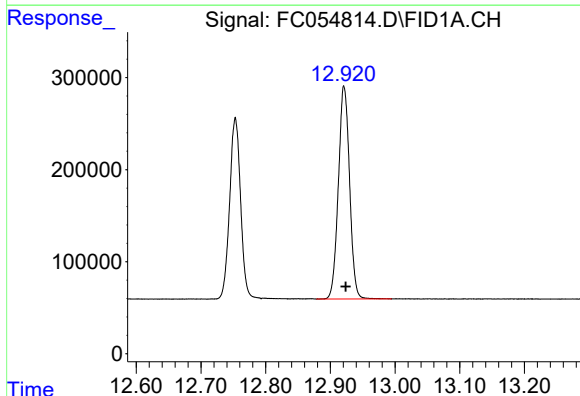
R.T.: 11.310 min
Delta R.T.: -0.002 min
Response: 2924661
Conc: 21.03 ug/ml

Instrument :
FID_C
ClientSampleId :



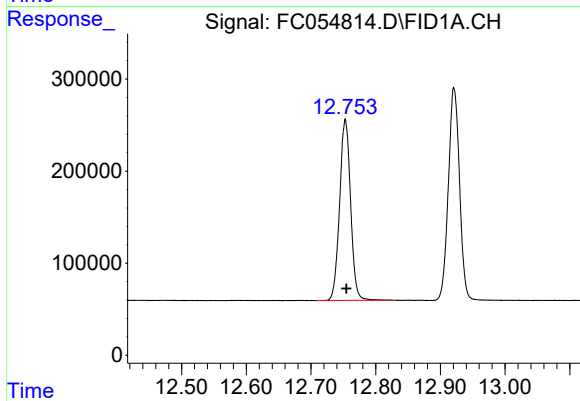
#10 n-Eicosane (C20)

R.T.: 12.312 min
Delta R.T.: -0.002 min
Response: 2757942
Conc: 20.93 ug/ml



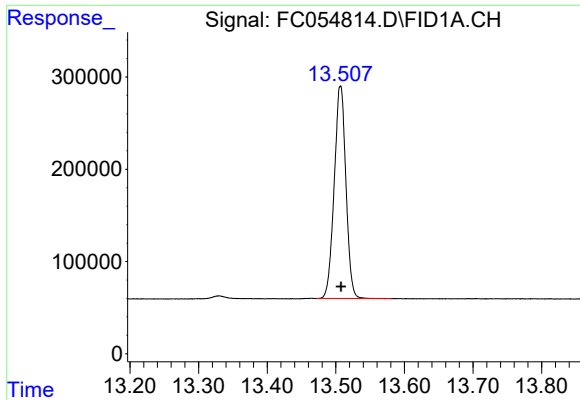
#11 n-Heneicosane (C21)

R.T.: 12.921 min
Delta R.T.: -0.002 min
Response: 2781689
Conc: 20.89 ug/ml



#12 1-chlorooctadecane (SURR)

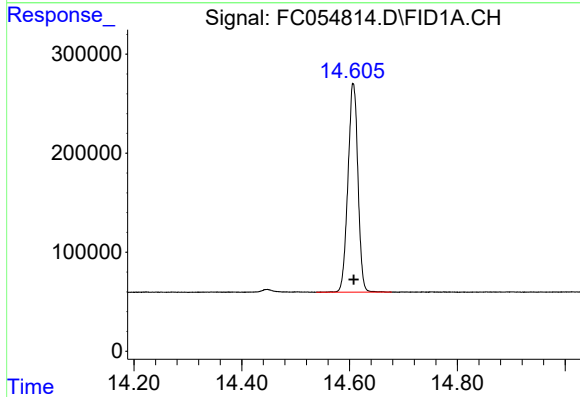
R.T.: 12.753 min
Delta R.T.: -0.002 min
Response: 2321414
Conc: 20.88 ug/ml



#13 n-Docosane (C22)

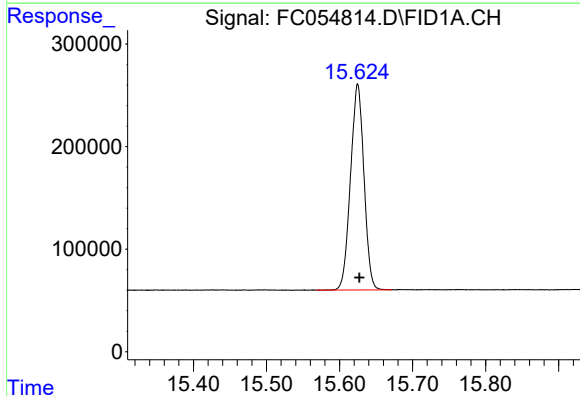
R.T.: 13.507 min
Delta R.T.: -0.001 min
Response: 2729603
Conc: 20.61 ug/ml

Instrument :
FID_C
ClientSampleId :



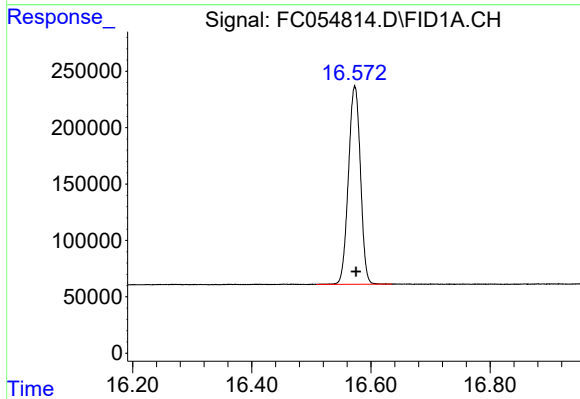
#14 n-Tetracosane (C24)

R.T.: 14.607 min
Delta R.T.: -0.001 min
Response: 2708904
Conc: 20.55 ug/ml



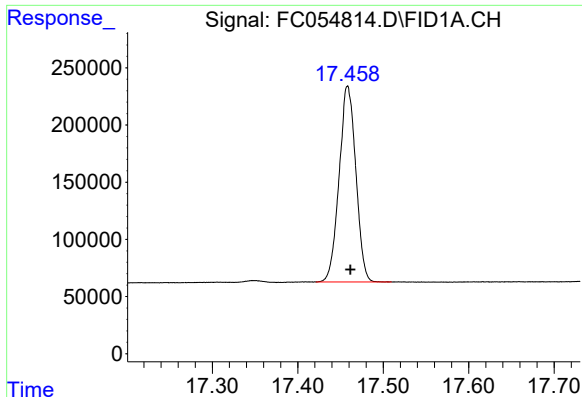
#15 n-Hexacosane (C26)

R.T.: 15.625 min
Delta R.T.: -0.002 min
Response: 2565858
Conc: 19.95 ug/ml



#16 n-Octacosane (C28)

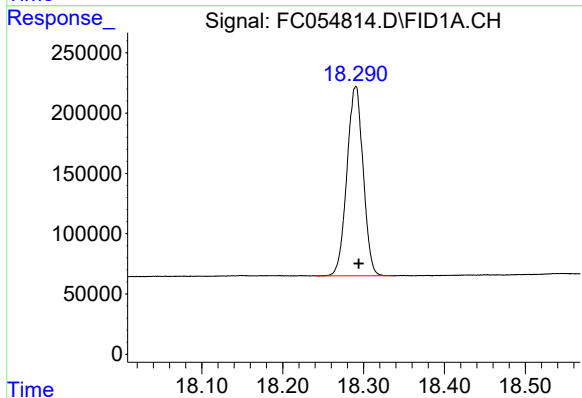
R.T.: 16.573 min
Delta R.T.: -0.002 min
Response: 2456711
Conc: 18.65 ug/ml



#17 n-Tricontane (C30)

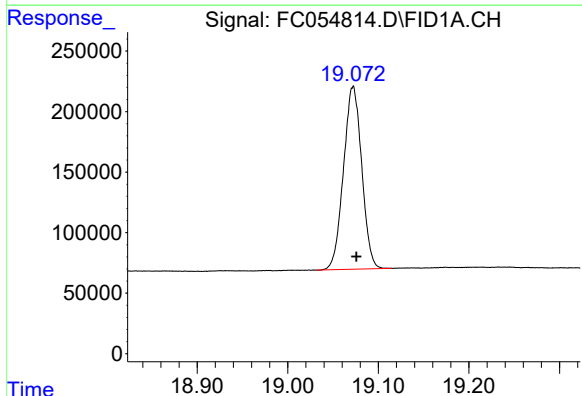
R.T.: 17.459 min
Delta R.T.: -0.003 min
Response: 2327016
Conc: 16.35 ug/ml

Instrument :
FID_C
ClientSampleId :



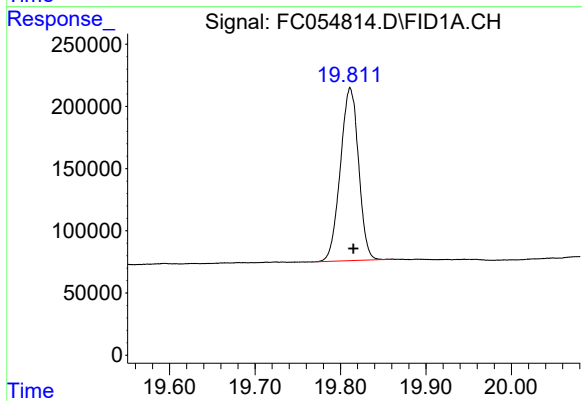
#18 n-Dotriacontane (C32)

R.T.: 18.290 min
Delta R.T.: -0.004 min
Response: 2190844
Conc: 17.70 ug/ml



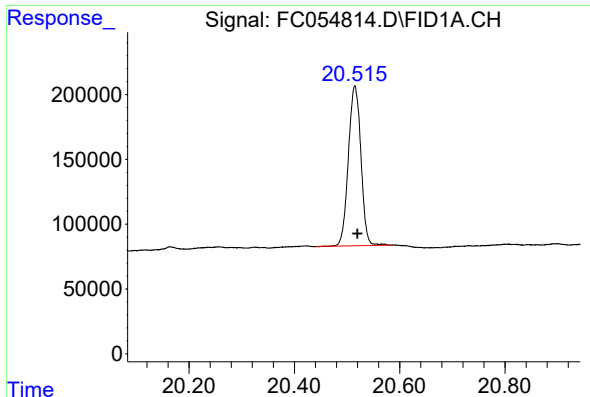
#19 n-Tetratriacontane (C34)

R.T.: 19.072 min
Delta R.T.: -0.004 min
Response: 2112242
Conc: 20.63 ug/ml



#20 n-Hexatriacontane (C36)

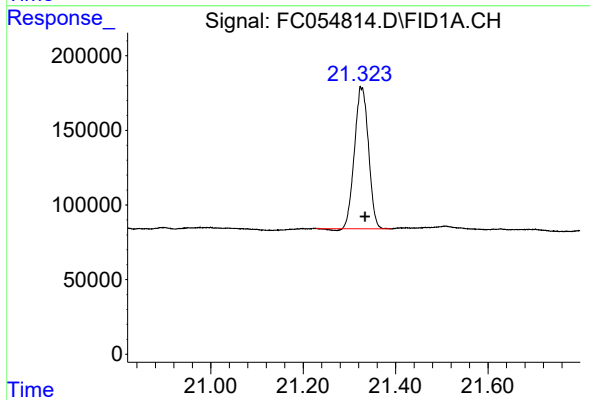
R.T.: 19.811 min
Delta R.T.: -0.004 min
Response: 2057046
Conc: 21.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.515 min
Delta R.T.: -0.005 min
Response: 2033583
Conc: 21.84 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.326 min
Delta R.T.: -0.007 min
Response: 1989612
Conc: 20.50 ug/ml