

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051021AL\
 Data File : FC053620.D
 Signal(s) : FID1A.CH
 Acq On : 10 May 2021 11:09
 Operator : DD\AJ
 Sample : M2262-01
 Misc : LOD-SOIL-2.5 PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 10 14:30:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050321.M
 Quant Title : GC Extractables
 QLast Update : Tue May 04 11:44:19 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			
12) S 1-chlorooctadecane (S...	12.973	4564879	40.928 ug/ml
Spiked Amount 50.000		Recovery =	81.86%
Target Compounds			
1) T n-Nonane (C9)	3.290	164825	1.395 ug/ml
2) T n-Decane (C10)	4.354	200470	1.693 ug/ml
4) T n-Dodecane (C12)	6.371	433145	3.580 ug/ml
6) T n-Tetradecane (C14)	8.169	302415	2.483 ug/ml
7) T n-Hexadecane (C16)	9.771	280780	2.293 ug/ml
8) T n-Octadecane (C18)	11.214	333007	2.557 ug/ml
10) T n-Eicosane (C20)	12.526	352143	2.660 ug/ml
11) T n-Heneicosane (C21)	13.137	360069	2.711 ug/ml
13) T n-Docosane (C22)	13.725	363108	2.730 ug/ml
14) T n-Tetracosane (C24)	14.828	349391	2.617 ug/ml
15) T n-Hexacosane (C26)	15.851	351743	2.660 ug/ml
16) T n-Octacosane (C28)	16.802	334496	2.555 ug/ml
17) T n-Tricontane (C30)	17.690	347952	2.668 ug/ml
18) T n-Dotriacontane (C32)	18.525	330997	2.623 ug/ml
19) T n-Tetratriacontane (C34)	19.310	317871	2.609 ug/ml
20) T n-Hexatriacontane (C36)	20.050	365915	3.130 ug/ml
21) T n-Octatriacontane (C38)	20.779	304648	2.961 ug/ml
22) T n-Tetracontane (C40)	21.674	323709	3.249 ug/ml

(f)=RT Delta > 1/2 Window

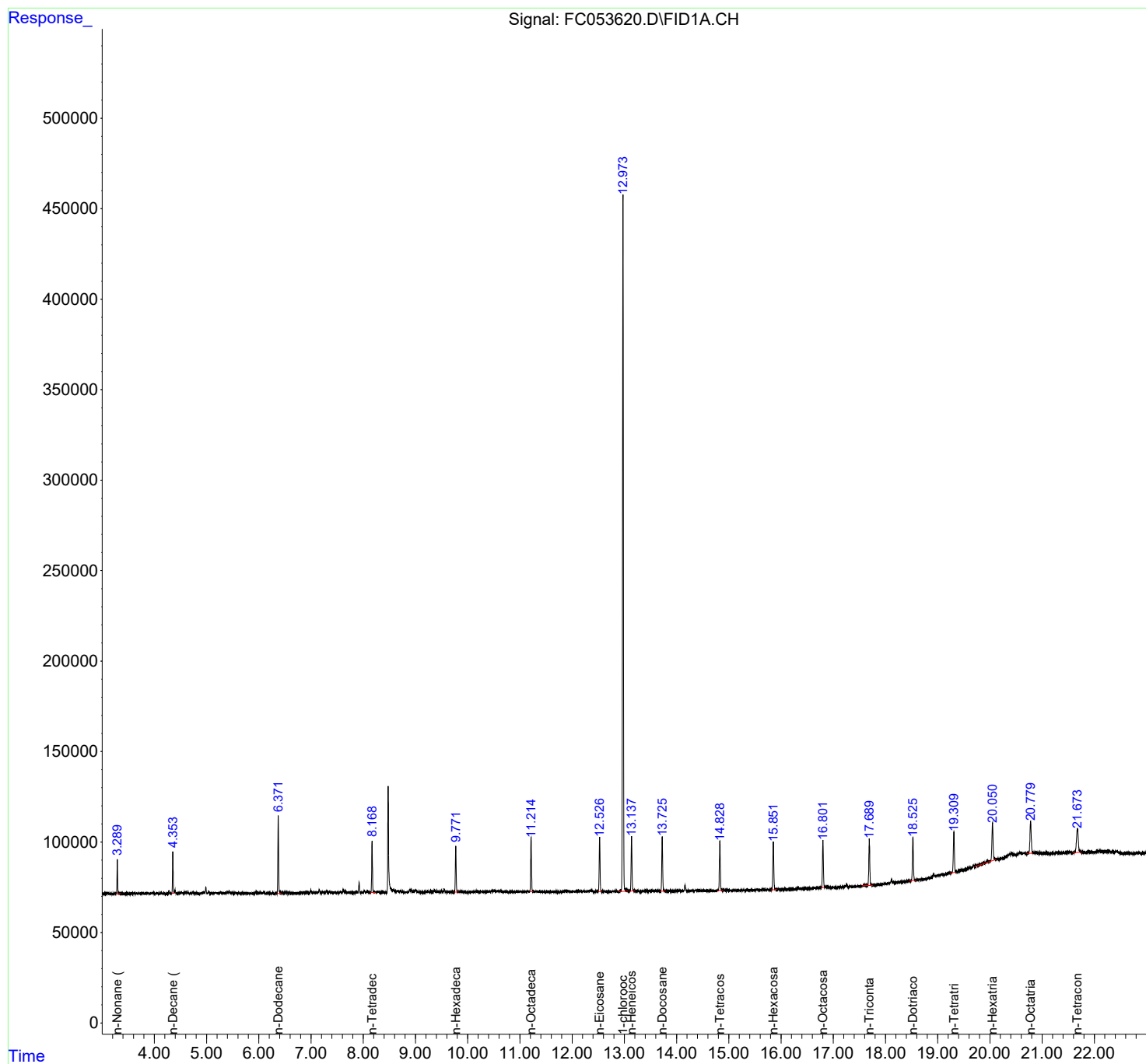
(m)=manual int.

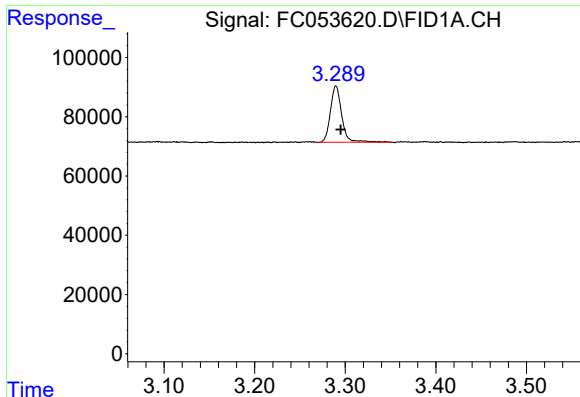
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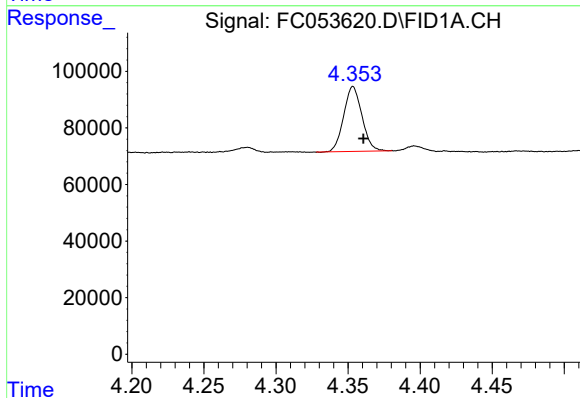




#1 n-Nonane (C9)

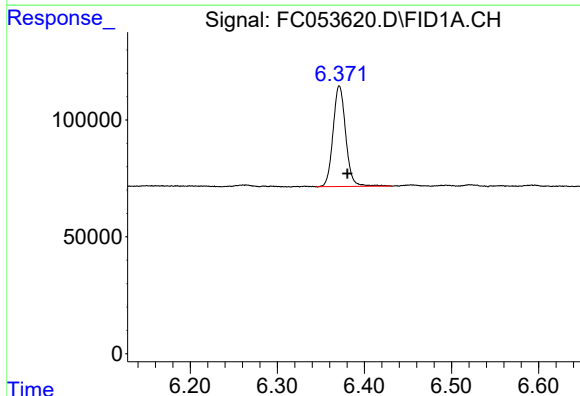
R.T.: 3.290 min
Delta R.T.: -0.005 min
Response: 164825
Conc: 1.40 ug/ml

Instrument :
FID_C
ClientSampleId :



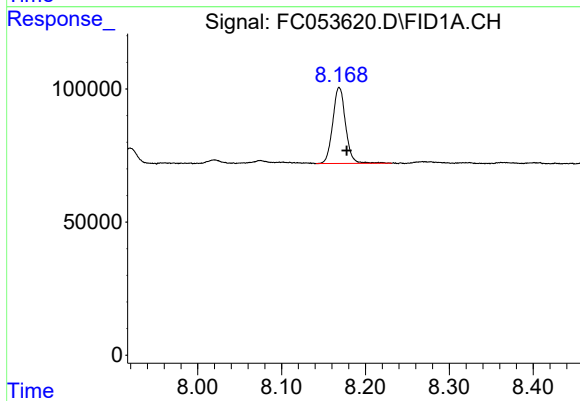
#2 n-Decane (C10)

R.T.: 4.354 min
Delta R.T.: -0.007 min
Response: 200470
Conc: 1.69 ug/ml



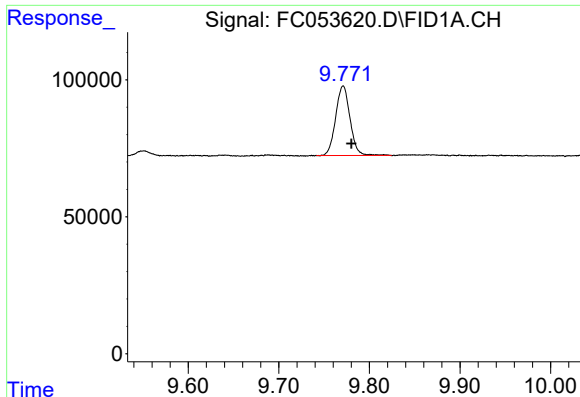
#4 n-Dodecane (C12)

R.T.: 6.371 min
Delta R.T.: -0.009 min
Response: 433145
Conc: 3.58 ug/ml



#6 n-Tetradecane (C14)

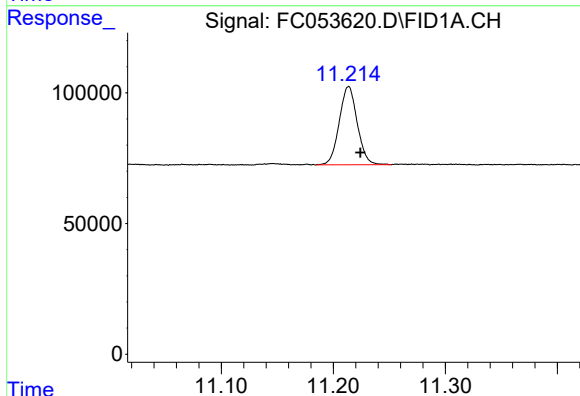
R.T.: 8.169 min
Delta R.T.: -0.009 min
Response: 302415
Conc: 2.48 ug/ml



#7 n-Hexadecane (C16)

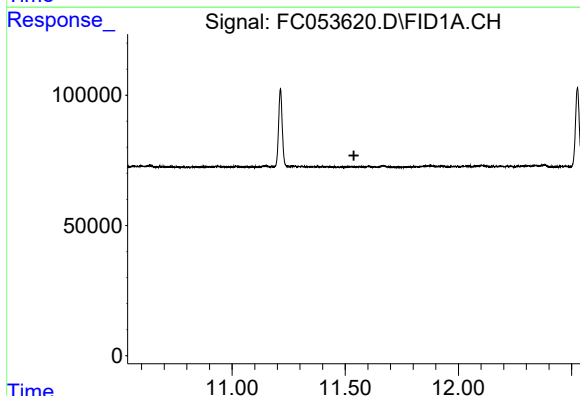
R.T.: 9.771 min
Delta R.T.: -0.009 min
Response: 280780
Conc: 2.29 ug/ml

Instrument :
FID_C
ClientSampleId :



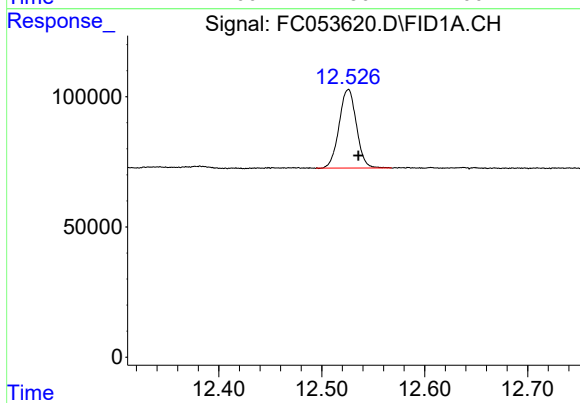
#8 n-Octadecane (C18)

R.T.: 11.214 min
Delta R.T.: -0.010 min
Response: 333007
Conc: 2.56 ug/ml



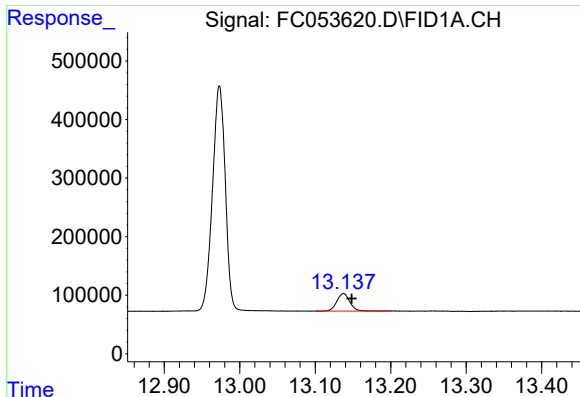
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.538 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

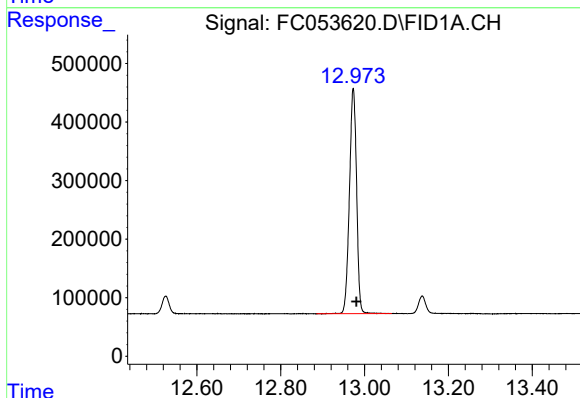
R.T.: 12.526 min
Delta R.T.: -0.010 min
Response: 352143
Conc: 2.66 ug/ml



#11 n-Heneicosane (C21)

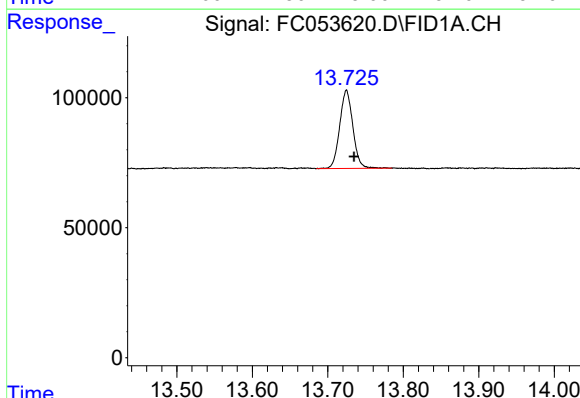
R.T.: 13.137 min
Delta R.T.: -0.011 min
Response: 360069
Conc: 2.71 ug/ml

Instrument :
FID_C
ClientSampleId :



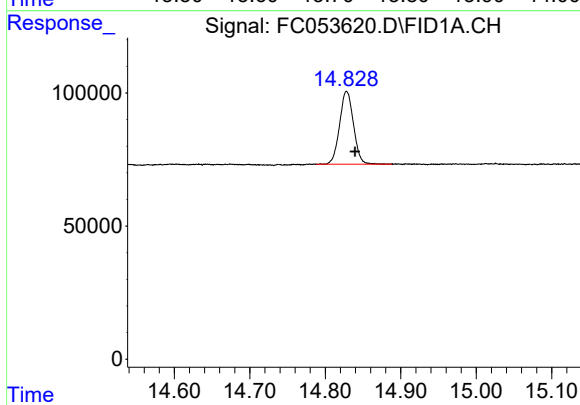
#12 1-chlorooctadecane (SURR)

R.T.: 12.973 min
Delta R.T.: -0.007 min
Response: 4564879
Conc: 40.93 ug/ml



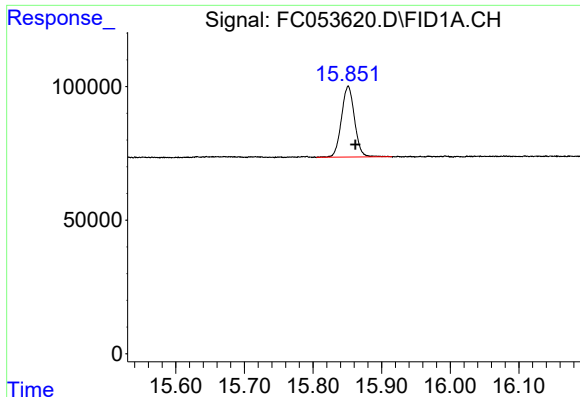
#13 n-Docosane (C22)

R.T.: 13.725 min
Delta R.T.: -0.010 min
Response: 363108
Conc: 2.73 ug/ml



#14 n-Tetracosane (C24)

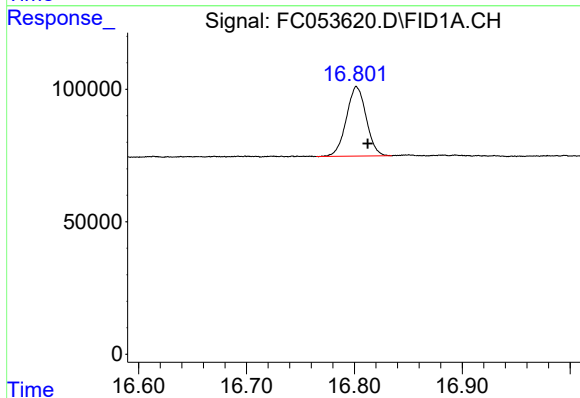
R.T.: 14.828 min
Delta R.T.: -0.011 min
Response: 349391
Conc: 2.62 ug/ml



#15 n-Hexacosane (C26)

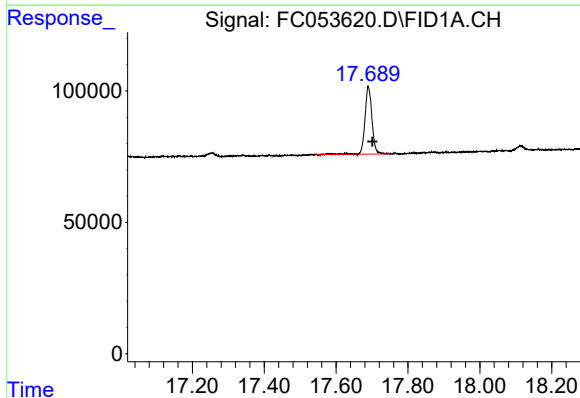
R.T.: 15.851 min
Delta R.T.: -0.011 min
Response: 351743
Conc: 2.66 ug/ml

Instrument :
FID_C
ClientSampleId :



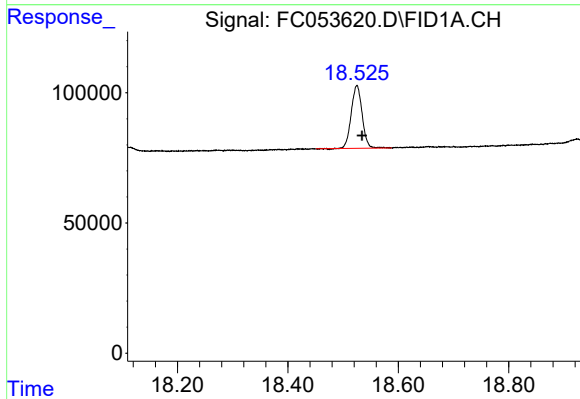
#16 n-Octacosane (C28)

R.T.: 16.802 min
Delta R.T.: -0.010 min
Response: 334496
Conc: 2.56 ug/ml



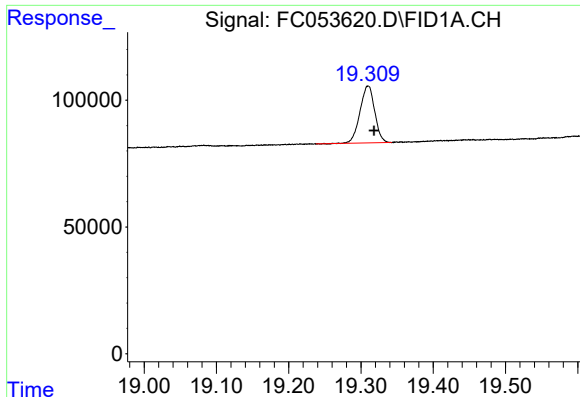
#17 n-Tricontane (C30)

R.T.: 17.690 min
Delta R.T.: -0.011 min
Response: 347952
Conc: 2.67 ug/ml



#18 n-Dotriacontane (C32)

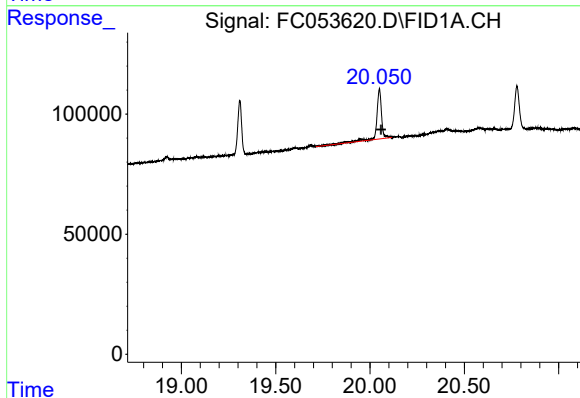
R.T.: 18.525 min
Delta R.T.: -0.010 min
Response: 330997
Conc: 2.62 ug/ml



#19 n-Tetratriacontane (C34)

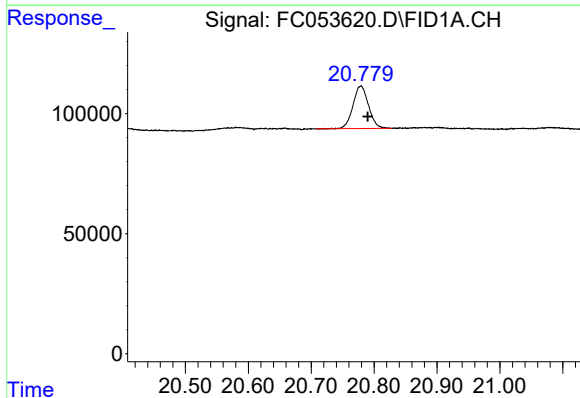
R.T.: 19.310 min
Delta R.T.: -0.008 min
Response: 317871
Conc: 2.61 ug/ml

Instrument :
FID_C
ClientSampleId :



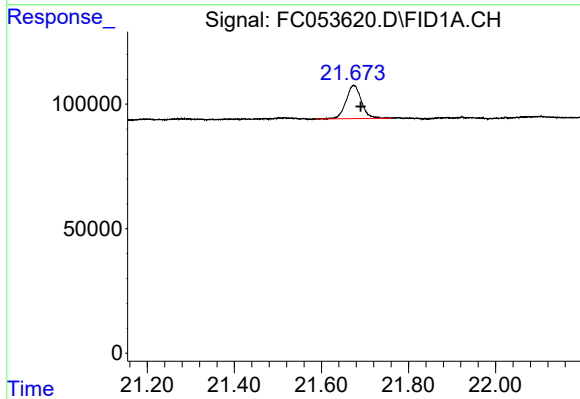
#20 n-Hexatriacontane (C36)

R.T.: 20.050 min
Delta R.T.: -0.010 min
Response: 365915
Conc: 3.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.779 min
Delta R.T.: -0.011 min
Response: 304648
Conc: 2.96 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.674 min
Delta R.T.: -0.016 min
Response: 323709
Conc: 3.25 ug/ml