

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032921AL\
 Data File : FC052834.D
 Signal(s) : FID1A.CH
 Acq On : 30 Mar 2021 8:48
 Operator : DD\AJ
 Sample : FCS CHECKS SOL 4
 Misc : LOT#M02142C2 E3060
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 FCS CHECKS SOL 4

Integration File: autoint1.e
 Quant Time: Mar 30 09:34:00 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			
12) S 1-chlorooctadecane (S...	13.000	2645300	24.526 ug/ml
Spiked Amount 50.000		Recovery =	49.05%
Target Compounds			
1) T n-Nonane (C9)	3.319	2403154	20.690 ug/ml
2) T n-Decane (C10)	4.386	3106490	26.509 ug/ml
4) T n-Dodecane (C12)	6.406	3975443	33.111 ug/ml
6) T n-Tetradecane (C14)	8.204	4287459	35.449 ug/ml
7) T n-Hexadecane (C16)	9.805	4553183	37.858 ug/ml
8) T n-Octadecane (C18)	11.247	4691266	37.182 ug/ml
10) T n-Eicosane (C20)	12.556	4484616	35.120 ug/ml
11) T n-Heneicosane (C21)	13.168	4397184	34.594 ug/ml
13) T n-Docosane (C22)	13.755	4282607	33.806 ug/ml
14) T n-Tetracosane (C24)	14.857	4047040	32.397 ug/ml
15) T n-Hexacosane (C26)	15.878	3858020	32.040 ug/ml
16) T n-Octacosane (C28)	16.827	3779833	32.784 ug/ml
17) T n-Tricontane (C30)	17.714	3733889	34.272 ug/ml
18) T n-Dotriacontane (C32)	18.546	3692374	36.799 ug/ml
19) T n-Tetratriacontane (C34)	19.329	3784965	41.177 ug/ml
20) T n-Hexatriacontane (C36)	20.068	3905730	42.832 ug/ml
21) T n-Octatriacontane (C38)	20.800	3945098	48.338 ug/ml
22) T n-Tetracontane (C40)	21.706	4222126	49.015 ug/ml

(f)=RT Delta > 1/2 Window

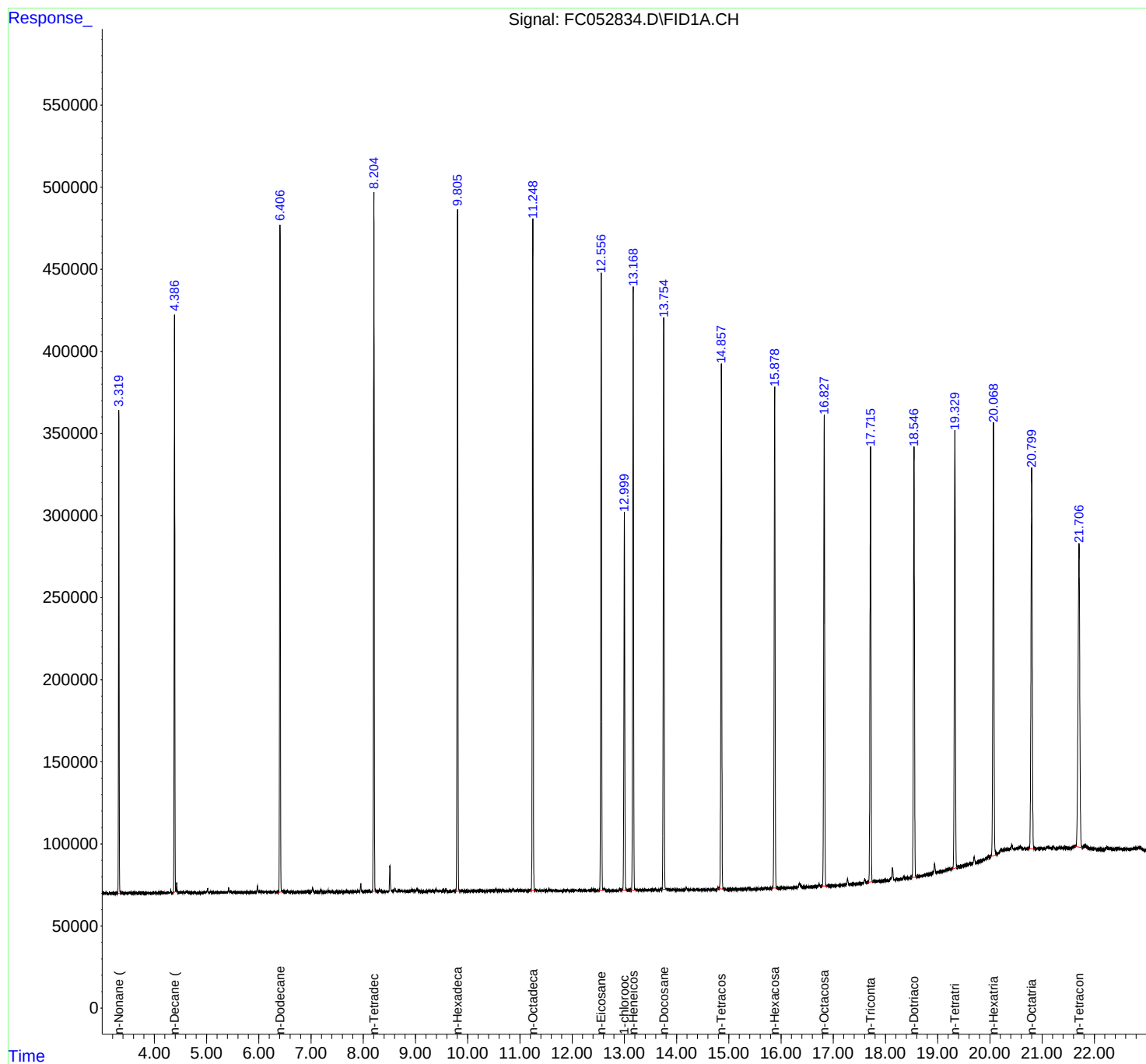
(m)=manual int.

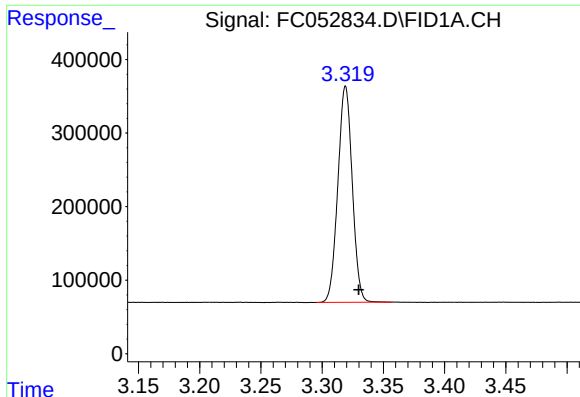
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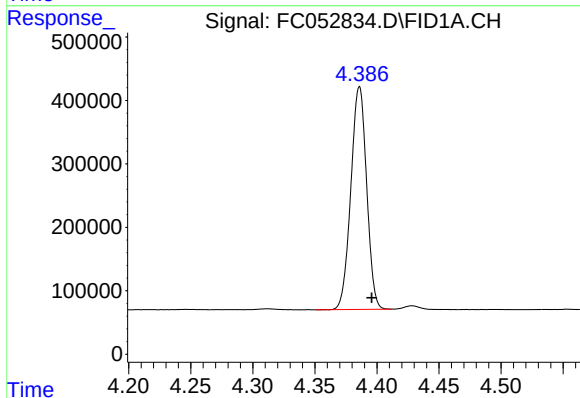




#1 n-Nonane (C9)

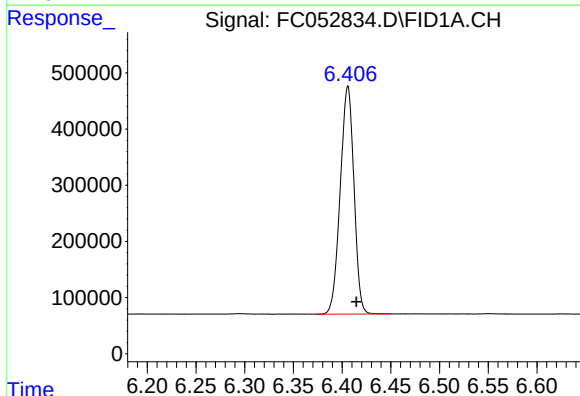
R.T.: 3.319 min
Delta R.T.: -0.011 min
Response: 2403154
Conc: 20.69 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECKS SOL 4



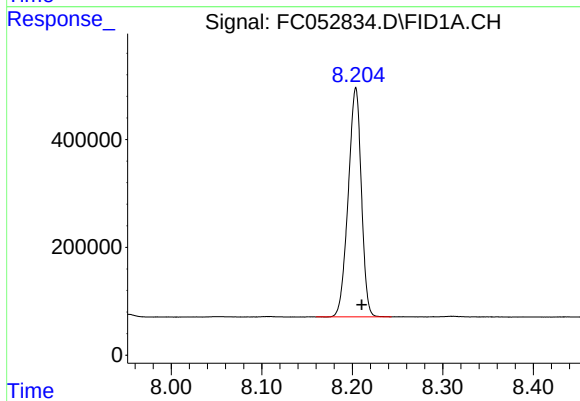
#2 n-Decane (C10)

R.T.: 4.386 min
Delta R.T.: -0.010 min
Response: 3106490
Conc: 26.51 ug/ml



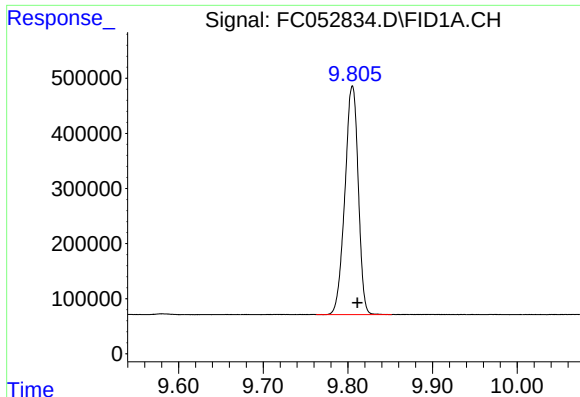
#4 n-Dodecane (C12)

R.T.: 6.406 min
Delta R.T.: -0.009 min
Response: 3975443
Conc: 33.11 ug/ml



#6 n-Tetradecane (C14)

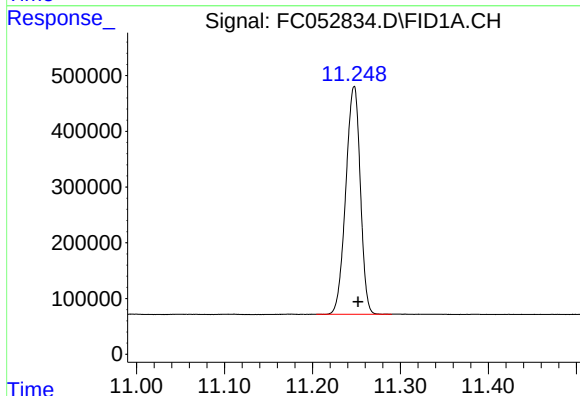
R.T.: 8.204 min
Delta R.T.: -0.007 min
Response: 4287459
Conc: 35.45 ug/ml



#7 n-Hexadecane (C16)

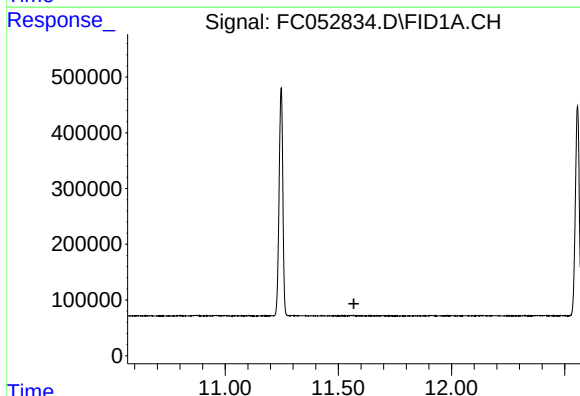
R.T.: 9.805 min
Delta R.T.: -0.006 min
Response: 4553183
Conc: 37.86 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECKS SOL 4



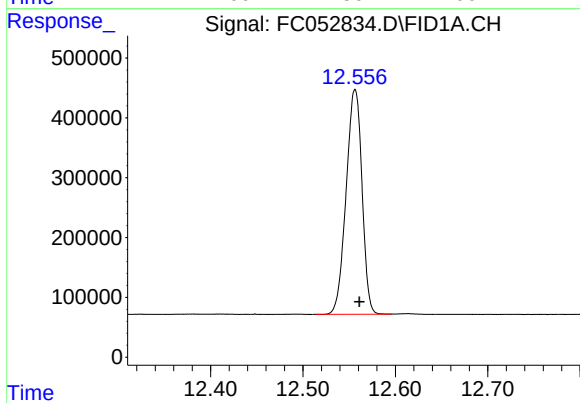
#8 n-Octadecane (C18)

R.T.: 11.247 min
Delta R.T.: -0.004 min
Response: 4691266
Conc: 37.18 ug/ml



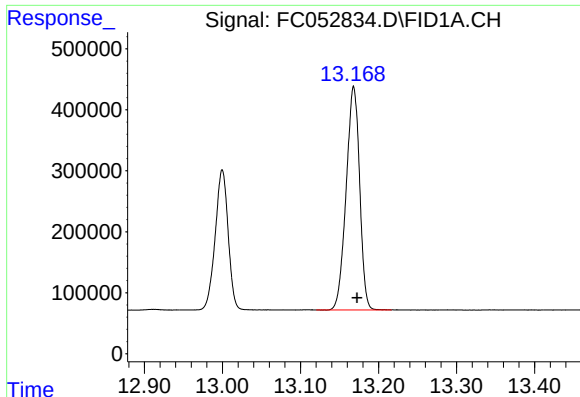
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.568 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

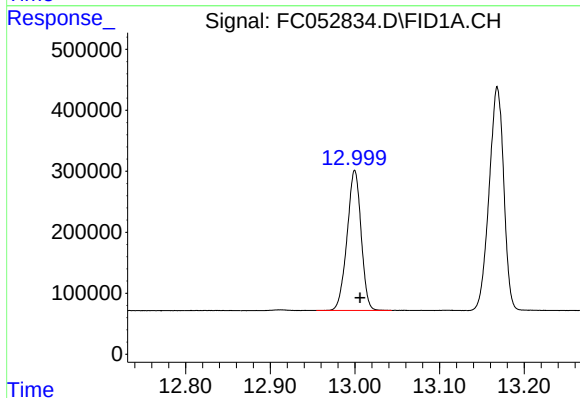
R.T.: 12.556 min
Delta R.T.: -0.005 min
Response: 4484616
Conc: 35.12 ug/ml



#11 n-Heneicosane (C21)

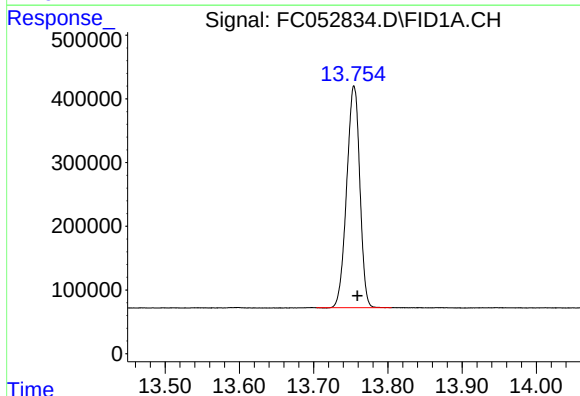
R.T.: 13.168 min
Delta R.T.: -0.005 min
Response: 4397184
Conc: 34.59 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECKS SOL 4



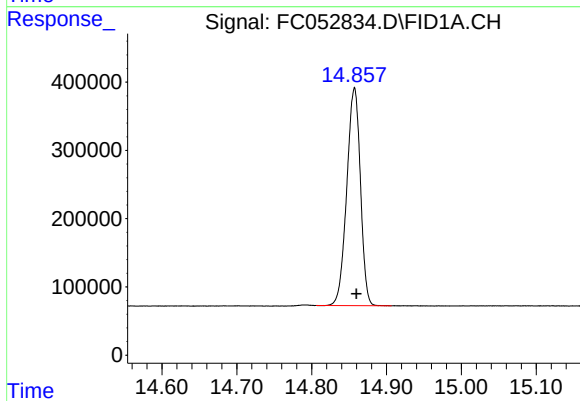
#12 1-chlorooctadecane (SURR)

R.T.: 13.000 min
Delta R.T.: -0.006 min
Response: 2645300
Conc: 24.53 ug/ml



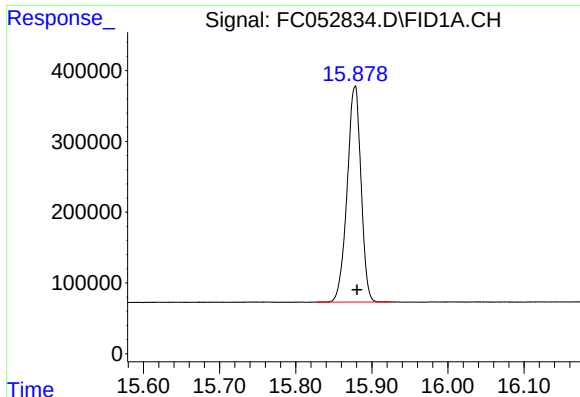
#13 n-Docosane (C22)

R.T.: 13.755 min
Delta R.T.: -0.005 min
Response: 4282607
Conc: 33.81 ug/ml



#14 n-Tetracosane (C24)

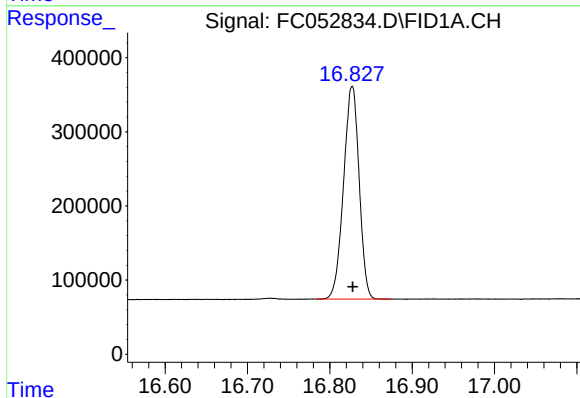
R.T.: 14.857 min
Delta R.T.: -0.002 min
Response: 4047040
Conc: 32.40 ug/ml



#15 n-Hexacosane (C26)

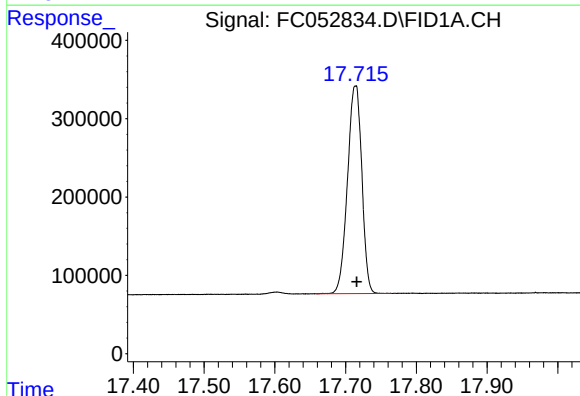
R.T.: 15.878 min
Delta R.T.: -0.002 min
Response: 3858020
Conc: 32.04 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECKS SOL 4



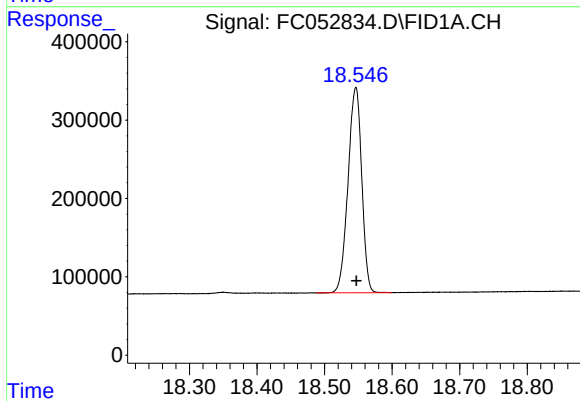
#16 n-Octacosane (C28)

R.T.: 16.827 min
Delta R.T.: 0.000 min
Response: 3779833
Conc: 32.78 ug/ml



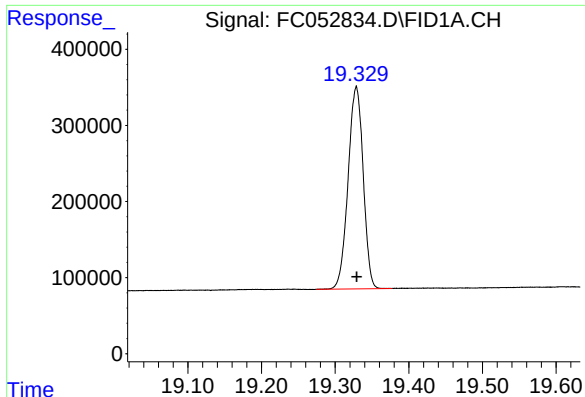
#17 n-Tricontane (C30)

R.T.: 17.714 min
Delta R.T.: -0.002 min
Response: 3733889
Conc: 34.27 ug/ml



#18 n-Dotriacontane (C32)

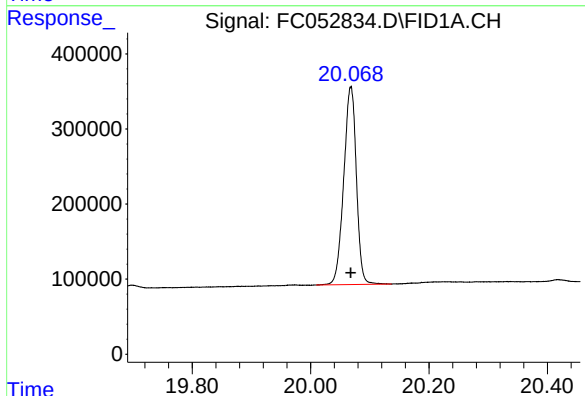
R.T.: 18.546 min
Delta R.T.: 0.000 min
Response: 3692374
Conc: 36.80 ug/ml



#19 n-Tetratriacontane (C34)

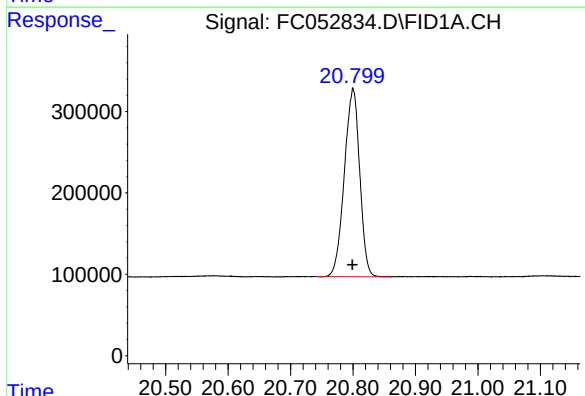
R.T.: 19.329 min
Delta R.T.: 0.000 min
Response: 3784965
Conc: 41.18 ug/ml

Instrument :
FID_C
ClientSampleId :
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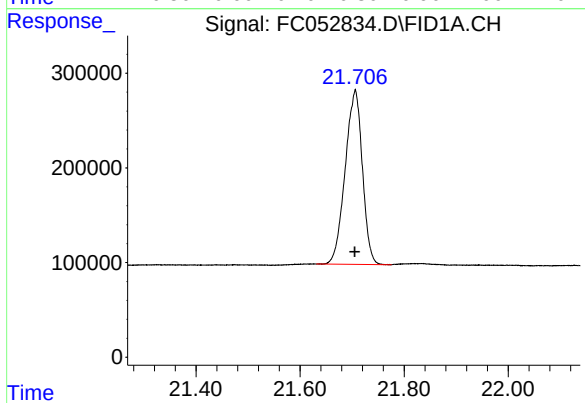
#20 n-Hexatriacontane (C36)

R.T.: 20.068 min
Delta R.T.: 0.000 min
Response: 3905730
Conc: 42.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.800 min
Delta R.T.: 0.001 min
Response: 3945098
Conc: 48.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.706 min
Delta R.T.: 0.001 min
Response: 4222126
Conc: 49.01 ug/ml