

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031921AL\
 Data File : FC052589.D
 Signal(s) : FID1A.CH
 Acq On : 20 Mar 2021 16:12
 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 22 01:07:21 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)	11.566	2833358	21.138 ug/ml
Spiked Amount 50.000		Recovery =	42.28%
12) S 1-chlorooctadecane (S...	13.003	2234667	20.718 ug/ml
Spiked Amount 50.000		Recovery =	41.44%
Target Compounds			
1) T n-Nonane (C9)	3.326	2533255	21.810 ug/ml
2) T n-Decane (C10)	4.392	2585686	22.065 ug/ml
3) T A~Naphthalene (C11.7)	5.977	2896273	22.121 ug/ml
4) T n-Dodecane (C12)	6.412	2666521	22.209 ug/ml
5) T A~2-methylnaphthalene...	7.035	2968694	22.178 ug/ml
6) T n-Tetradecane (C14)	8.207	2686686	22.214 ug/ml
7) T n-Hexadecane (C16)	9.808	2646954	22.008 ug/ml
8) T n-Octadecane (C18)	11.250	2720138	21.559 ug/ml
10) T n-Eicosane (C20)	12.558	2680726	20.993 ug/ml
11) T n-Heneicosane (C21)	13.170	2634920	20.730 ug/ml
13) T n-Docosane (C22)	13.756	2581285	20.376 ug/ml
14) T n-Tetracosane (C24)	14.858	2477420	19.832 ug/ml
15) T n-Hexacosane (C26)	15.878	2330950	19.358 ug/ml
16) T n-Octacosane (C28)	16.827	2219309	19.249 ug/ml
17) T n-Tricontane (C30)	17.715	2137874	19.623 ug/ml
18) T n-Dotriacontane (C32)	18.545	2040859	20.340 ug/ml
19) T n-Tetratriacontane (C34)	19.327	1976611	21.504 ug/ml
20) T n-Hexatriacontane (C36)	20.066	1908021	20.924 ug/ml
21) T n-Octatriacontane (C38)	20.797	1844433	22.599 ug/ml
22) T n-Tetracontane (C40)	21.700	1926667	22.367 ug/ml

(f)=RT Delta > 1/2 Window

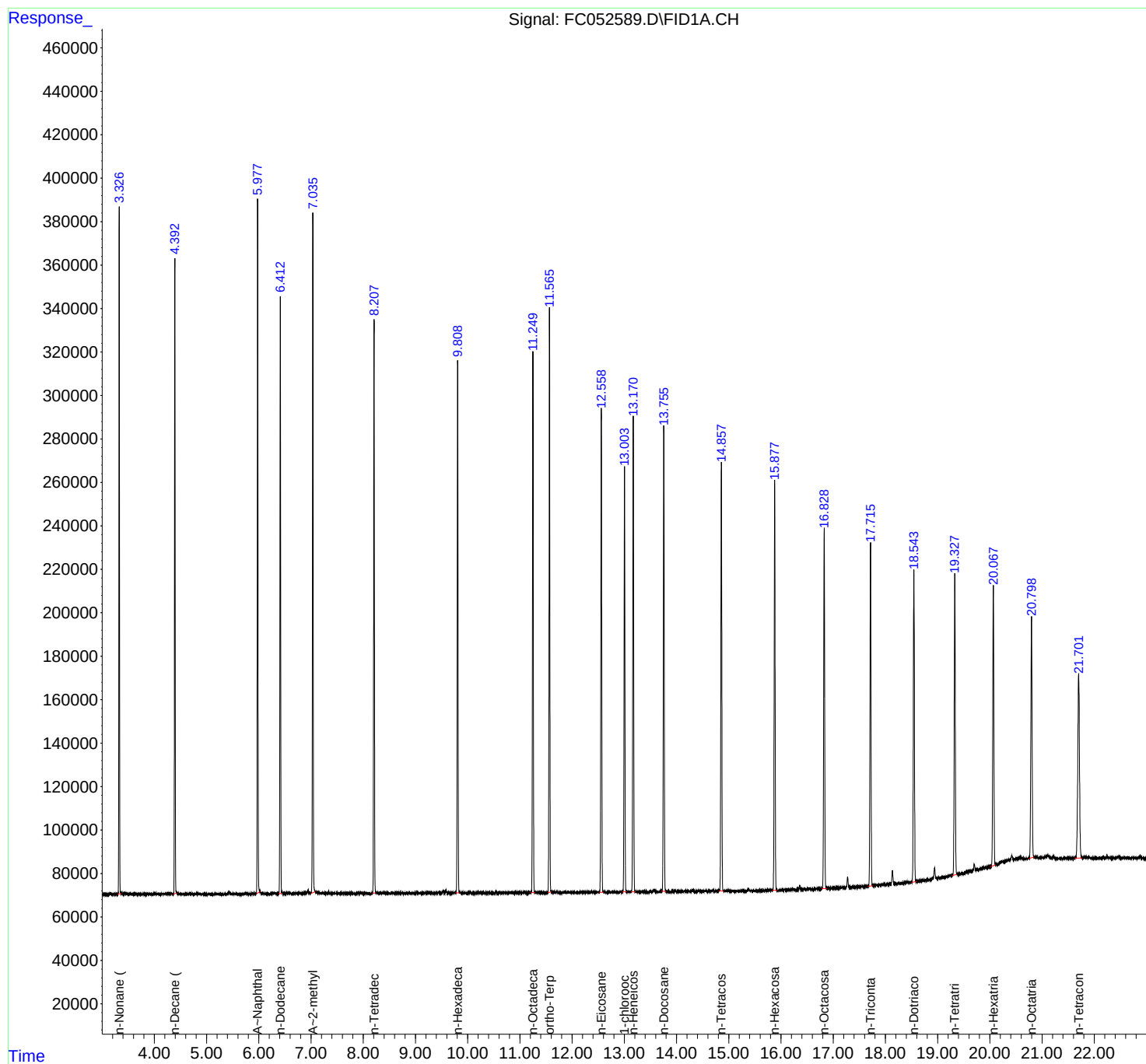
(m)=manual int.

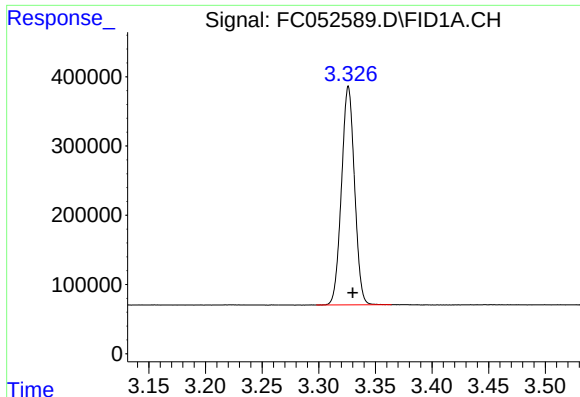
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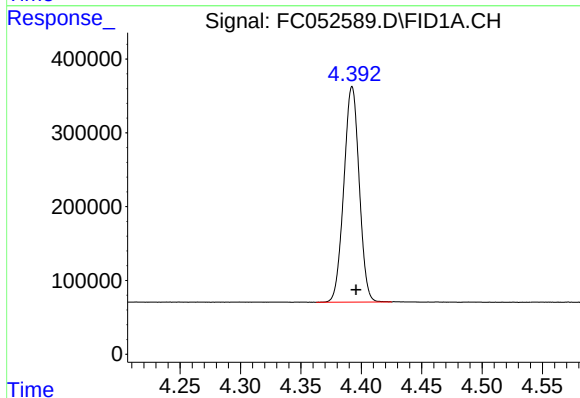




#1 n-Nonane (C9)

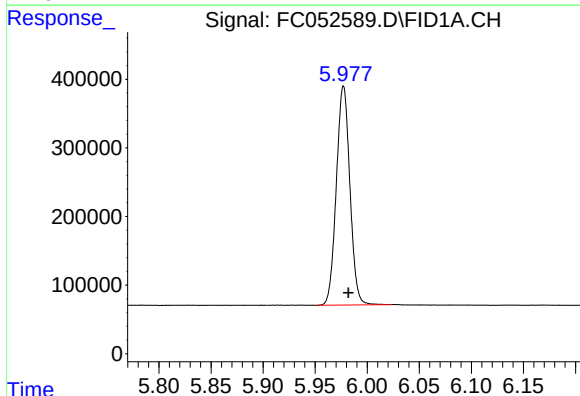
R.T.: 3.326 min
Delta R.T.: -0.004 min
Response: 2533255
Conc: 21.81 ug/ml

Instrument :
FID_C
ClientSampleId :



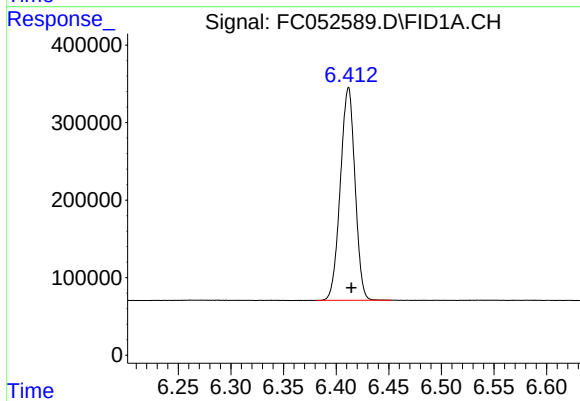
#2 n-Decane (C10)

R.T.: 4.392 min
Delta R.T.: -0.003 min
Response: 2585686
Conc: 22.06 ug/ml



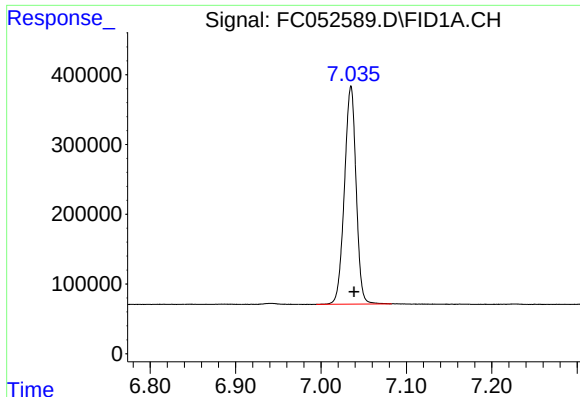
#3 A~Naphthalene (C11.7)

R.T.: 5.977 min
Delta R.T.: -0.005 min
Response: 2896273
Conc: 22.12 ug/ml



#4 n-Dodecane (C12)

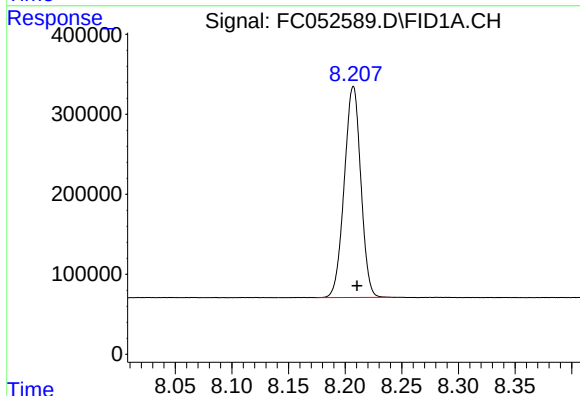
R.T.: 6.412 min
Delta R.T.: -0.003 min
Response: 2666521
Conc: 22.21 ug/ml



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

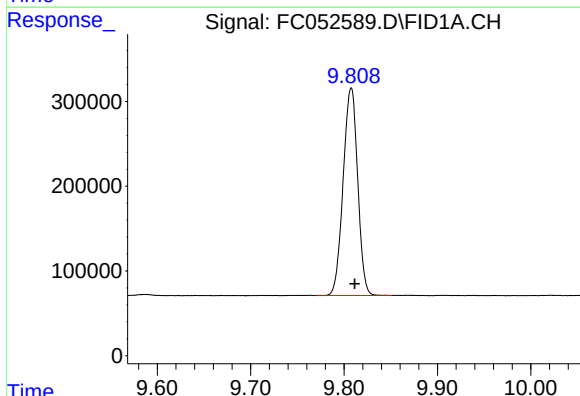
R.T.: 7.035 min
Delta R.T.: -0.004 min
Response: 2968694
Conc: 22.18 ug/ml

Instrument :
FID_C
ClientSampleId :



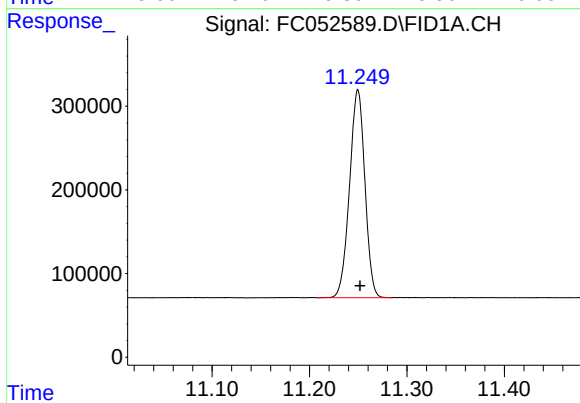
#6 n-Tetradecane (C14)

R.T.: 8.207 min
Delta R.T.: -0.003 min
Response: 2686686
Conc: 22.21 ug/ml



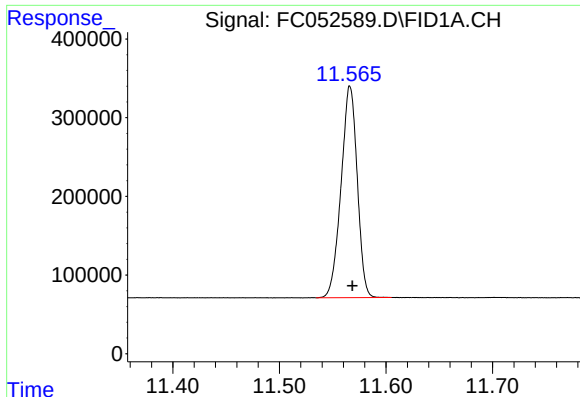
#7 n-Hexadecane (C16)

R.T.: 9.808 min
Delta R.T.: -0.004 min
Response: 2646954
Conc: 22.01 ug/ml



#8 n-Octadecane (C18)

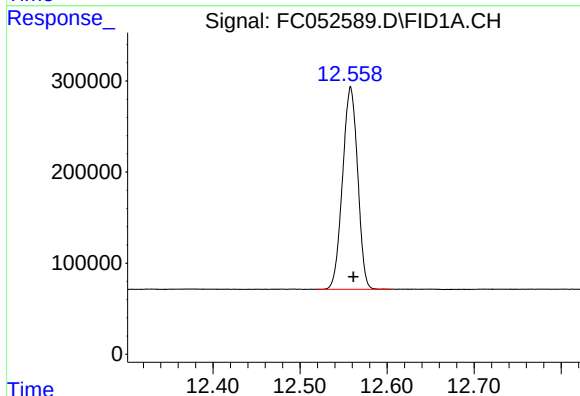
R.T.: 11.250 min
Delta R.T.: -0.002 min
Response: 2720138
Conc: 21.56 ug/ml



#9 ortho-Terphenyl (SURR)

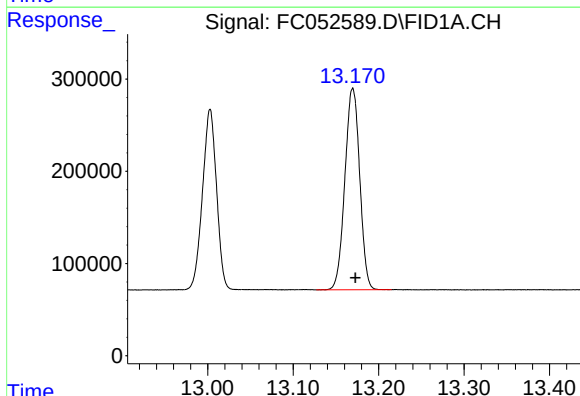
R.T.: 11.566 min
Delta R.T.: -0.002 min
Response: 2833358
Conc: 21.14 ug/ml

Instrument :
FID_C
ClientSampleId :



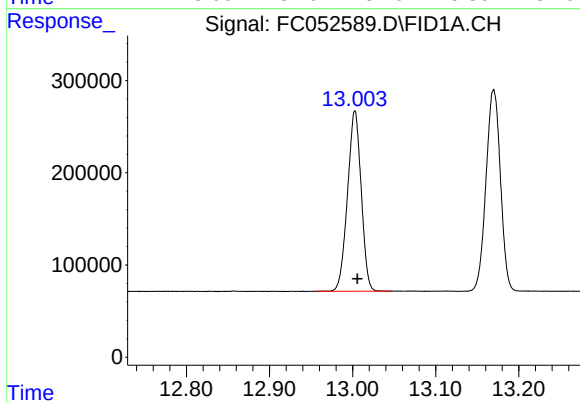
#10 n-Eicosane (C20)

R.T.: 12.558 min
Delta R.T.: -0.003 min
Response: 2680726
Conc: 20.99 ug/ml



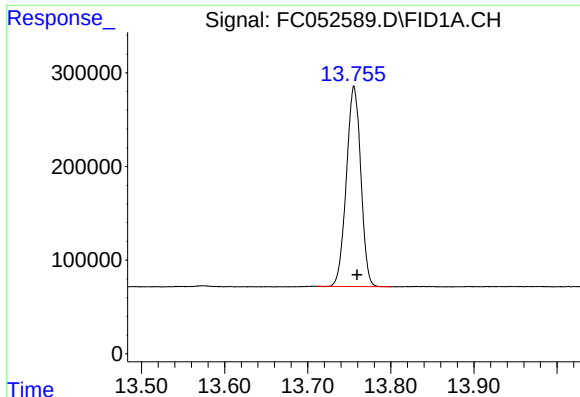
#11 n-Heneicosane (C21)

R.T.: 13.170 min
Delta R.T.: -0.003 min
Response: 2634920
Conc: 20.73 ug/ml



#12 1-chlorooctadecane (SURR)

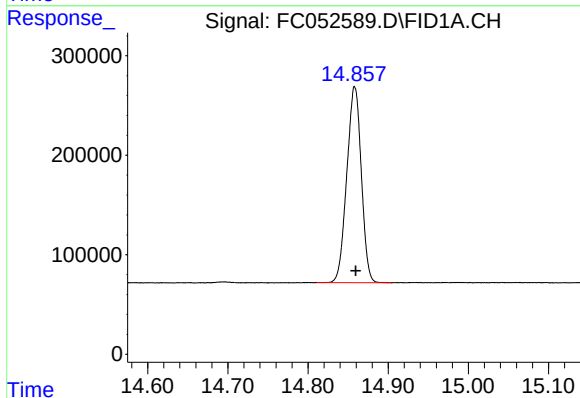
R.T.: 13.003 min
Delta R.T.: -0.003 min
Response: 2234667
Conc: 20.72 ug/ml



#13 n-Docosane (C22)

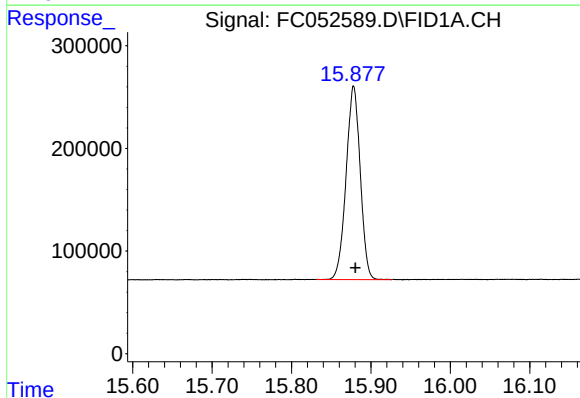
R.T.: 13.756 min
Delta R.T.: -0.004 min
Response: 2581285
Conc: 20.38 ug/ml

Instrument :
FID_C
ClientSampleId :



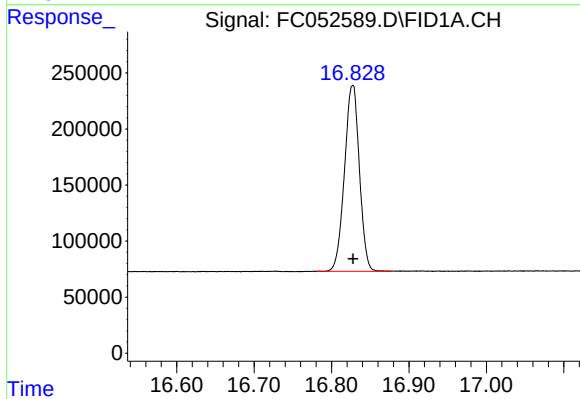
#14 n-Tetracosane (C24)

R.T.: 14.858 min
Delta R.T.: -0.001 min
Response: 2477420
Conc: 19.83 ug/ml



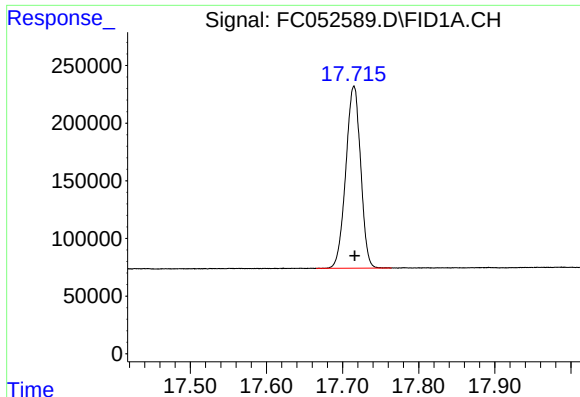
#15 n-Hexacosane (C26)

R.T.: 15.878 min
Delta R.T.: -0.002 min
Response: 2330950
Conc: 19.36 ug/ml



#16 n-Octacosane (C28)

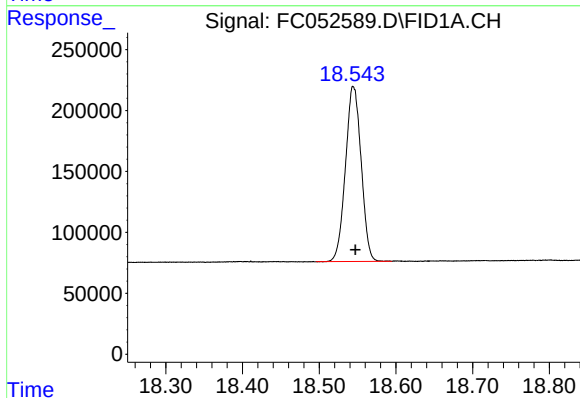
R.T.: 16.827 min
Delta R.T.: 0.000 min
Response: 2219309
Conc: 19.25 ug/ml



#17 n-Tricontane (C30)

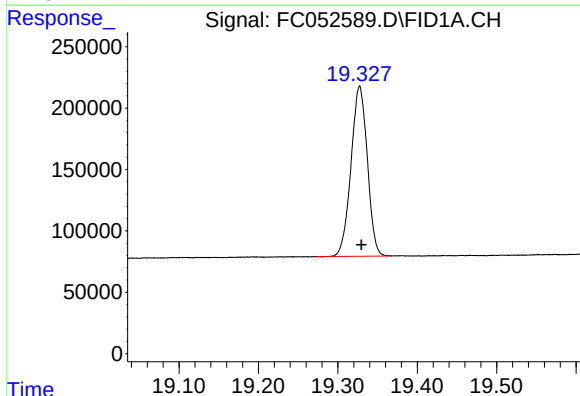
R.T.: 17.715 min
Delta R.T.: 0.000 min
Response: 2137874
Conc: 19.62 ug/ml

Instrument :
FID_C
ClientSampleId :



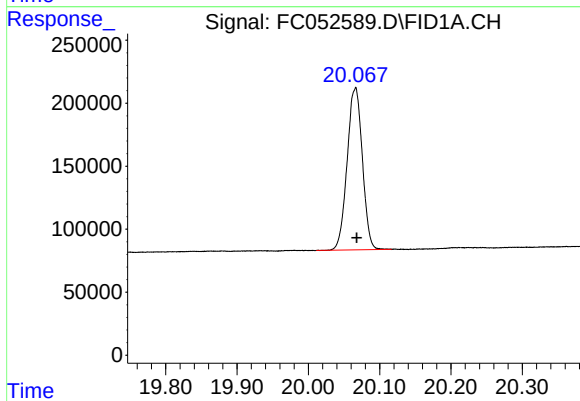
#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: -0.003 min
Response: 2040859
Conc: 20.34 ug/ml



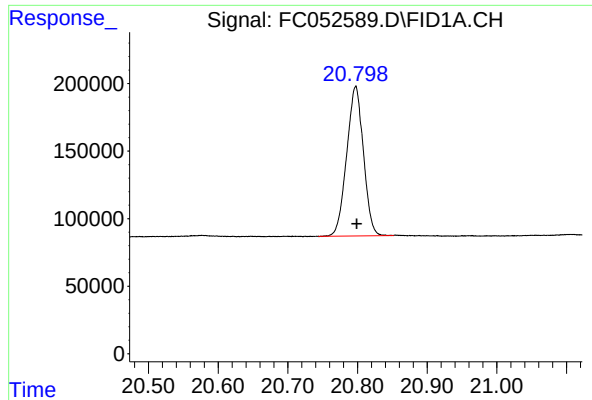
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: -0.002 min
Response: 1976611
Conc: 21.50 ug/ml



#20 n-Hexatriacontane (C36)

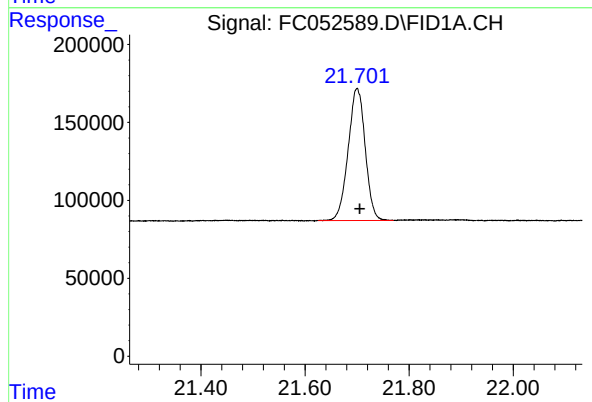
R.T.: 20.066 min
Delta R.T.: -0.002 min
Response: 1908021
Conc: 20.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.797 min
Delta R.T.: -0.002 min
Response: 1844433
Conc: 22.60 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.700 min
Delta R.T.: -0.005 min
Response: 1926667
Conc: 22.37 ug/ml