

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032322AL\
 Data File : FC058880.D
 Signal(s) : FID1A.CH
 Acq On : 24 Mar 2022 7:30
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 24 07:59:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032322.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 11:55:12 2022
 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)	11.401	2841890	19.497 ug/ml
Spiked Amount 50.000		Recovery =	38.99%
12) S 1-chlorooctadecane (S...	12.832	2168645	20.253 ug/ml
Spiked Amount 50.000		Recovery =	40.51%
Target Compounds			
1) T n-Nonane (C9)	3.257	2392287	21.029 ug/ml
2) T n-Decane (C10)	4.305	2407089	21.599 ug/ml
3) T A~Naphthalene (C11.7)	5.870	2505315	21.989 ug/ml
4) T n-Dodecane (C12)	6.298	2548976	21.411 ug/ml
5) T A~2-methylnaphthalene...	6.915	2477438	21.747 ug/ml
6) T n-Tetradecane (C14)	8.076	2589719	21.627 ug/ml
7) T n-Hexadecane (C16)	9.662	2630896	21.110 ug/ml
8) T n-Octadecane (C18)	11.092	2637884	20.210 ug/ml
10) T n-Eicosane (C20)	12.392	2595413	19.338 ug/ml
11) T n-Heneicosane (C21)	12.999	2578183	18.988 ug/ml
13) T n-Docosane (C22)	13.582	2541695	18.915 ug/ml
14) T n-Tetracosane (C24)	14.677	2438280	18.356 ug/ml
15) T n-Hexacosane (C26)	15.692	2323539	18.301 ug/ml
16) T n-Octacosane (C28)	16.637	2242878	18.807 ug/ml
17) T n-Tricontane (C30)	17.519	2181190	19.819 ug/ml
18) T n-Dotriacontane (C32)	18.348	2016605	20.395 ug/ml
19) T n-Tetratriacontane (C34)	19.127	2287808	25.952 ug/ml
20) T n-Hexatriacontane (C36)	19.863	1975197	25.076 ug/ml
21) T n-Octatriacontane (C38)	20.568	1893380	28.257 ug/ml
22) T n-Tetracontane (C40)	21.393	1904034	37.261 ug/ml

(f)=RT Delta > 1/2 Window

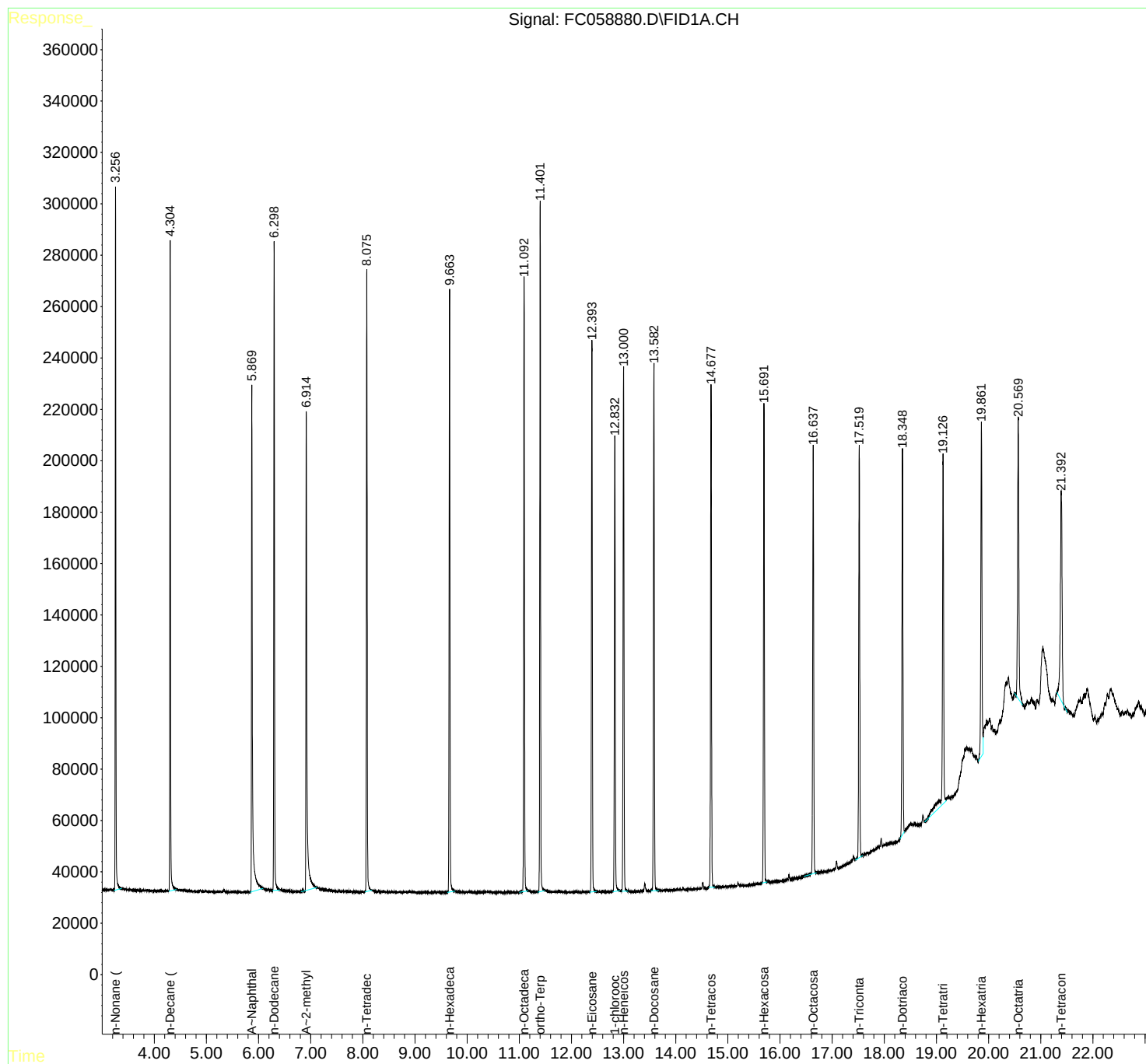
(m)=manual int.

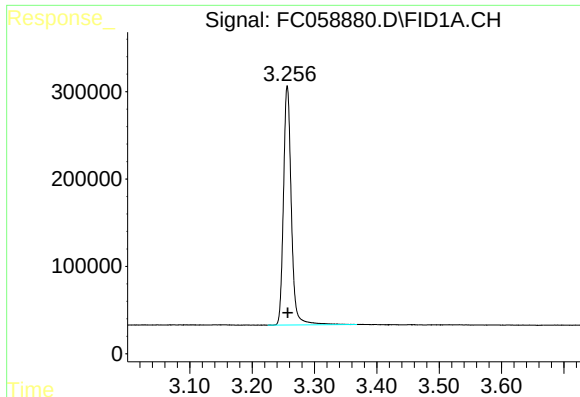
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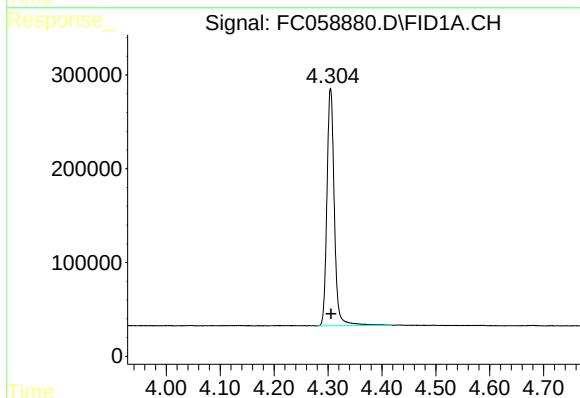




#1 n-Nonane (C9)

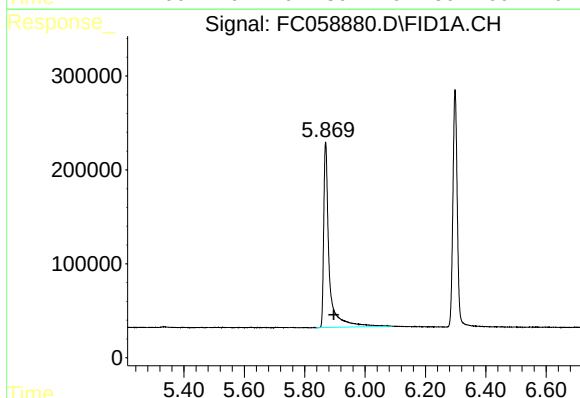
R.T.: 3.257 min
Delta R.T.: 0.000 min
Response: 2392287
Conc: 21.03 ug/ml

Instrument :
ECD_Q
ClientSampleId :



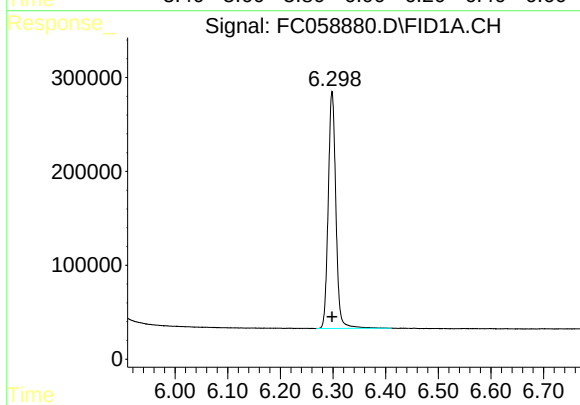
#2 n-Decane (C10)

R.T.: 4.305 min
Delta R.T.: 0.000 min
Response: 2407089
Conc: 21.60 ug/ml



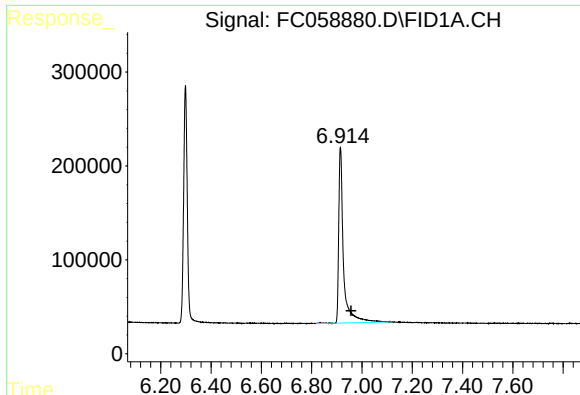
#3 A~Naphthalene (C11.7)

R.T.: 5.870 min
Delta R.T.: -0.027 min
Response: 2505315
Conc: 21.99 ug/ml



#4 n-Dodecane (C12)

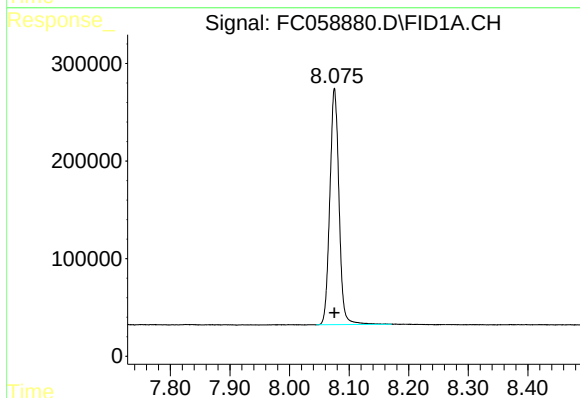
R.T.: 6.298 min
Delta R.T.: 0.000 min
Response: 2548976
Conc: 21.41 ug/ml



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

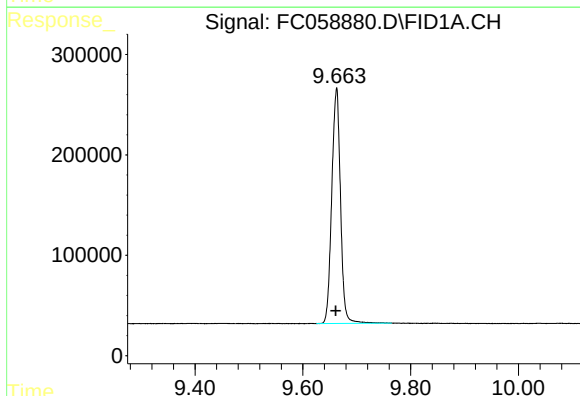
R.T.: 6.915 min
Delta R.T.: -0.043 min
Response: 2477438
Conc: 21.75 ug/ml

Instrument :
ECD_Q
ClientSampleId :



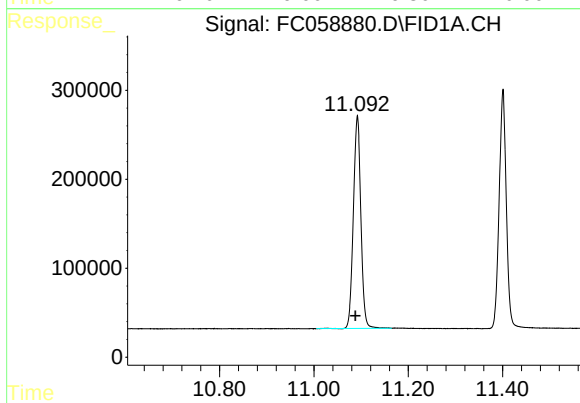
#6 n-Tetradecane (C14)

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 2589719
Conc: 21.63 ug/ml



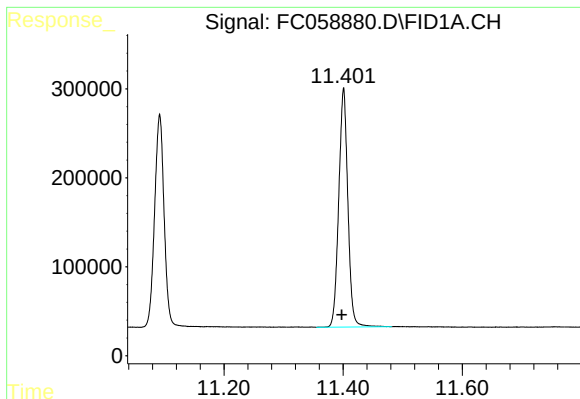
#7 n-Hexadecane (C16)

R.T.: 9.662 min
Delta R.T.: 0.001 min
Response: 2630896
Conc: 21.11 ug/ml



#8 n-Octadecane (C18)

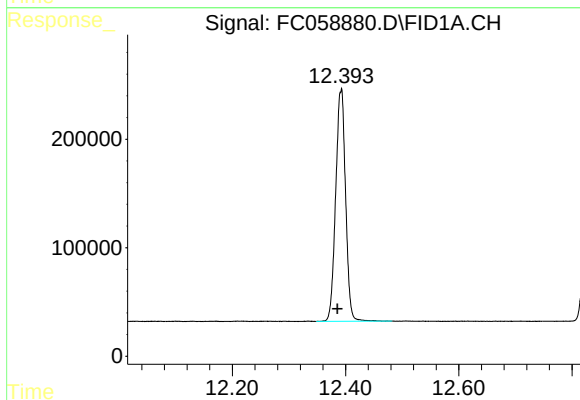
R.T.: 11.092 min
Delta R.T.: 0.004 min
Response: 2637884
Conc: 20.21 ug/ml



#9 ortho-Terphenyl (SURR)

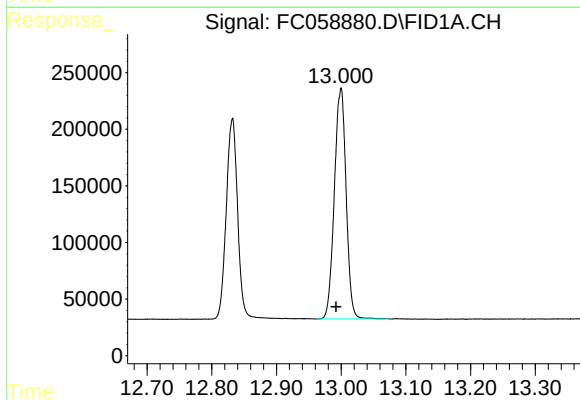
R.T.: 11.401 min
Delta R.T.: 0.003 min
Response: 2841890
Conc: 19.50 ug/ml

Instrument :
ECD_Q
ClientSampleId :



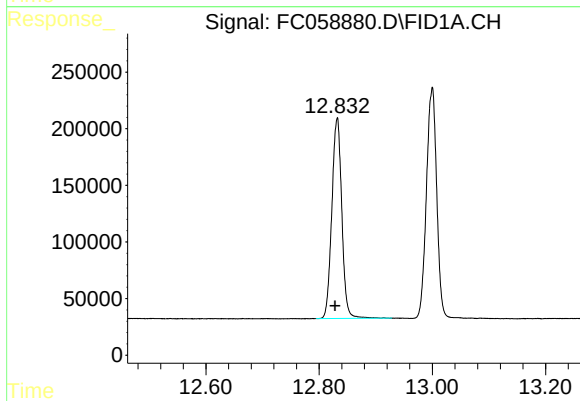
#10 n-Eicosane (C20)

R.T.: 12.392 min
Delta R.T.: 0.006 min
Response: 2595413
Conc: 19.34 ug/ml



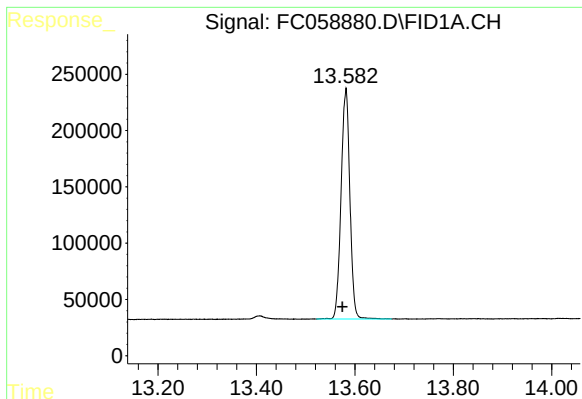
#11 n-Heneicosane (C21)

R.T.: 12.999 min
Delta R.T.: 0.007 min
Response: 2578183
Conc: 18.99 ug/ml



#12 1-chlorooctadecane (SURR)

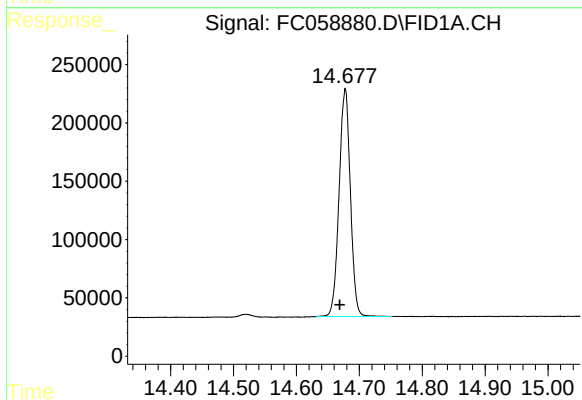
R.T.: 12.832 min
Delta R.T.: 0.003 min
Response: 2168645
Conc: 20.25 ug/ml



#13 n-Docosane (C22)

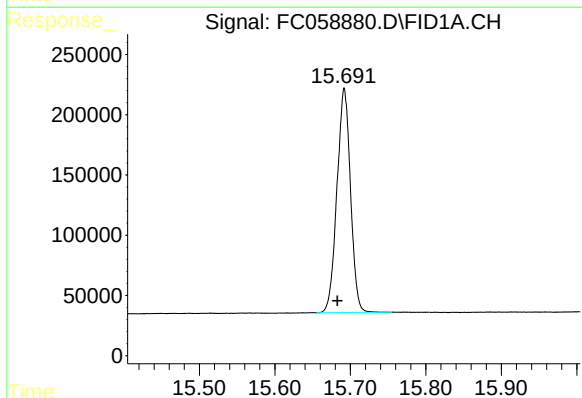
R.T.: 13.582 min
Delta R.T.: 0.007 min
Response: 2541695
Conc: 18.91 ug/ml

Instrument :
ECD_Q
ClientSampleId :



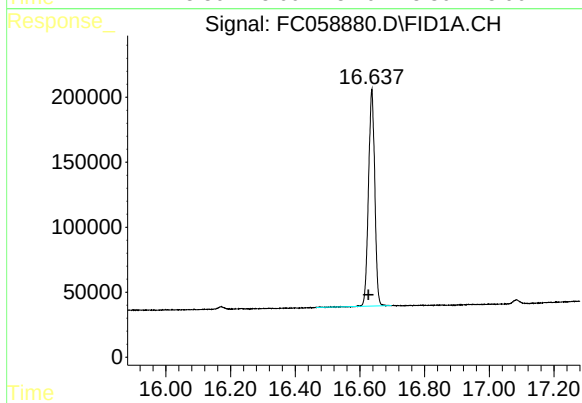
#14 n-Tetracosane (C24)

R.T.: 14.677 min
Delta R.T.: 0.008 min
Response: 2438280
Conc: 18.36 ug/ml



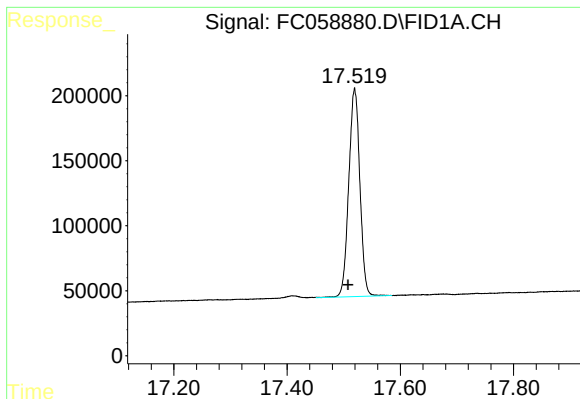
#15 n-Hexacosane (C26)

R.T.: 15.692 min
Delta R.T.: 0.009 min
Response: 2323539
Conc: 18.30 ug/ml



#16 n-Octacosane (C28)

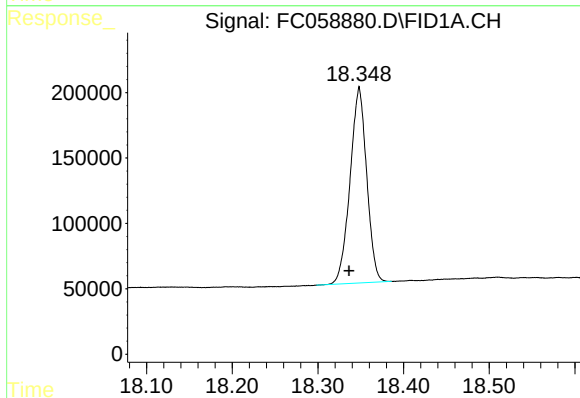
R.T.: 16.637 min
Delta R.T.: 0.010 min
Response: 2242878
Conc: 18.81 ug/ml



#17 n-Tricontane (C30)

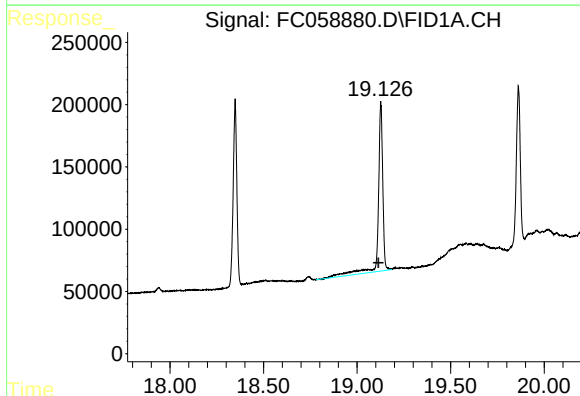
R.T.: 17.519 min
Delta R.T.: 0.012 min
Response: 2181190
Conc: 19.82 ug/ml

Instrument :
ECD_Q
ClientSampleId :



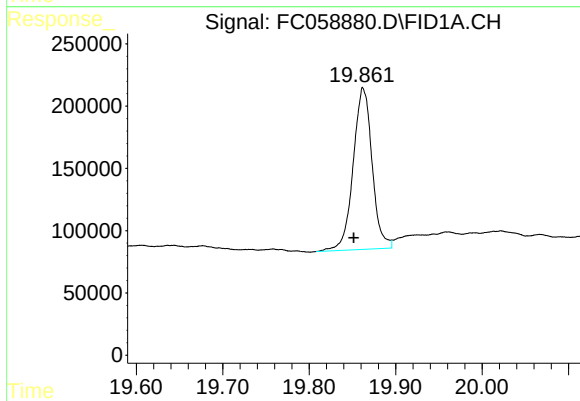
#18 n-Dotriacontane (C32)

R.T.: 18.348 min
Delta R.T.: 0.011 min
Response: 2016605
Conc: 20.40 ug/ml



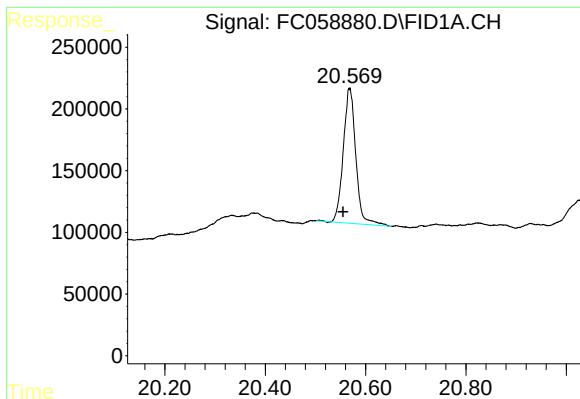
#19 n-Tetratriacontane (C34)

R.T.: 19.127 min
Delta R.T.: 0.012 min
Response: 2287808
Conc: 25.95 ug/ml



#20 n-Hexatriacontane (C36)

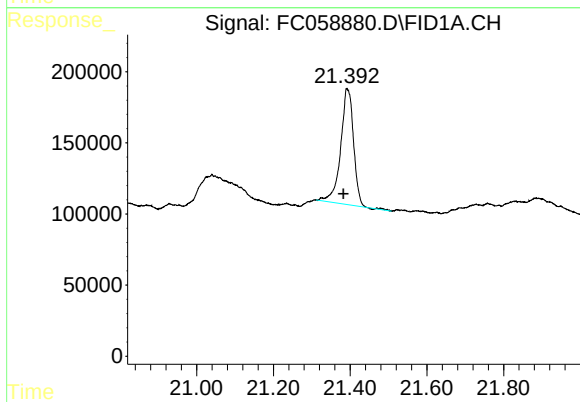
R.T.: 19.863 min
Delta R.T.: 0.011 min
Response: 1975197
Conc: 25.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.568 min
Delta R.T.: 0.013 min
Response: 1893380
Conc: 28.26 ug/ml

Instrument :
ECD_Q
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.393 min
Delta R.T.: 0.010 min
Response: 1904034
Conc: 37.26 ug/ml