

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020222AL\
 Data File : FC058240.D
 Signal(s) : FID1A.CH
 Acq On : 02 Feb 2022 19:58
 Operator : AJ\MA
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 02 22:29:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020222.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 02 22:29:11 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)	10.701	19152986	96.485 ug/ml
Spiked Amount 50.000		Recovery =	192.97%
12) S 1-chlorooctadecane (S...	12.135	14575348	96.349 ug/ml
Spiked Amount 50.000		Recovery =	192.70%
Target Compounds			
1) T n-Nonane (C9)	2.628	16133751	96.641 ug/ml
2) T n-Decane (C10)	3.618	16361456	96.263 ug/ml
3) T A~Naphthalene (C11.7)	5.155	18555404	98.571 ug/ml
4) T n-Dodecane (C12)	5.588	16487459	96.528 ug/ml
5) T A~2-methylnaphthalene...	6.197	18577667	98.899 ug/ml
6) T n-Tetradecane (C14)	7.368	16816550	96.550 ug/ml
7) T n-Hexadecane (C16)	8.960	16899274	96.345 ug/ml
8) T n-Octadecane (C18)	10.397	17298856	96.182 ug/ml
10) T n-Eicosane (C20)	11.697	16915594	96.066 ug/ml
11) T n-Heneicosane (C21)	12.306	16948617	96.061 ug/ml
13) T n-Docosane (C22)	12.889	16675542	96.014 ug/ml
14) T n-Tetracosane (C24)	13.986	16349157	95.836 ug/ml
15) T n-Hexacosane (C26)	15.002	15677677	95.703 ug/ml
16) T n-Octacosane (C28)	15.947	15278382	95.450 ug/ml
17) T n-Tricontane (C30)	16.830	15085190	97.326 ug/ml
18) T n-Dotriacontane (C32)	17.660	14973660	101.061 ug/ml
19) T n-Tetratriacontane (C34)	18.441	13921865	102.684 ug/ml
20) T n-Hexatriacontane (C36)	19.177	12677012	101.350 ug/ml
21) T n-Octatriacontane (C38)	19.882	11828197	100.202 ug/ml
22) T n-Tetracontane (C40)	20.704	11551821	98.308 ug/ml

(f)=RT Delta > 1/2 Window

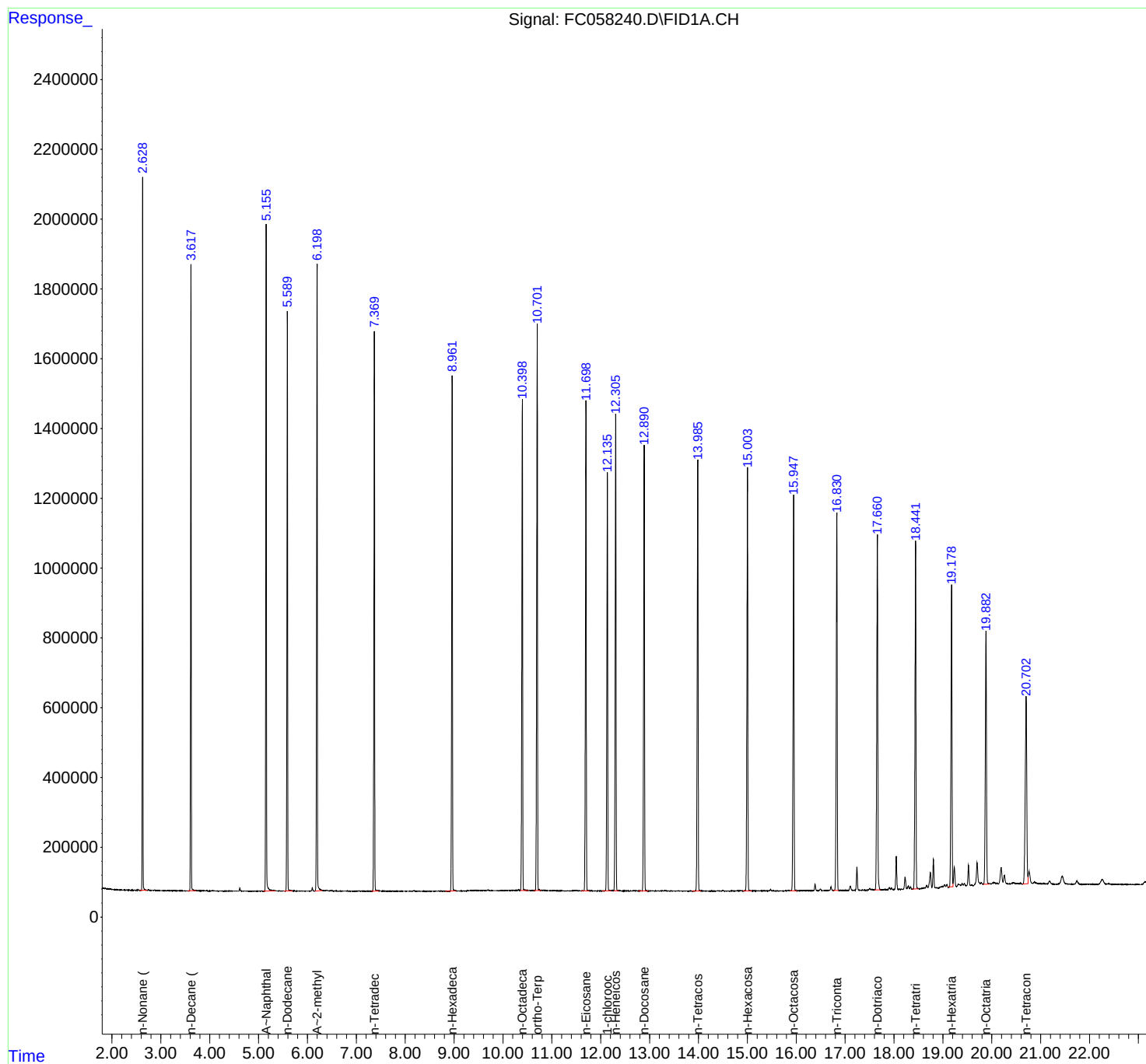
(m)=manual int.

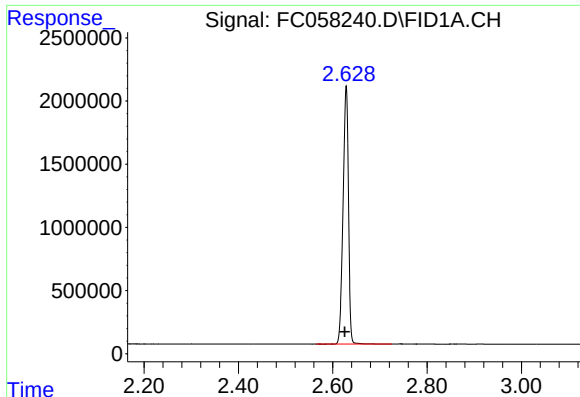
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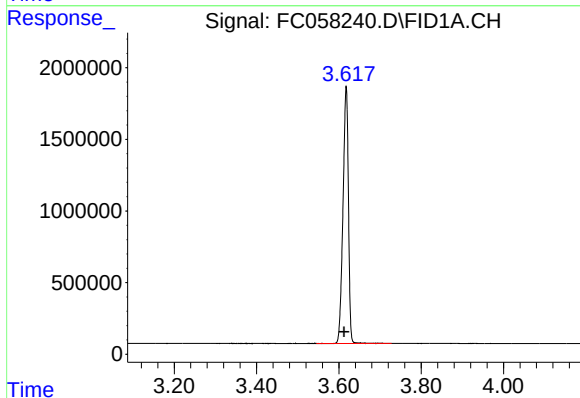




#1 n-Nonane (C9)

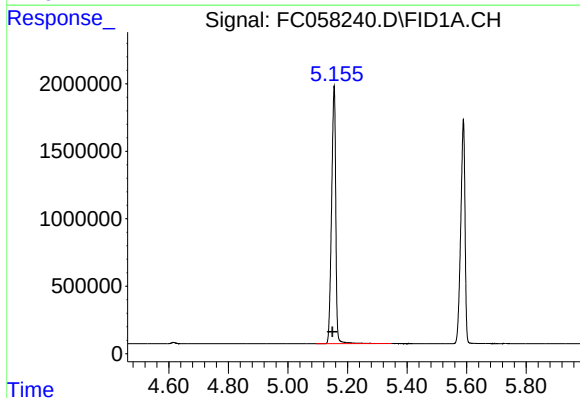
R.T.: 2.628 min
Delta R.T.: 0.003 min
Response: 16133751
Conc: 96.64 ug/ml

Instrument :
FID_C
ClientSampleId :



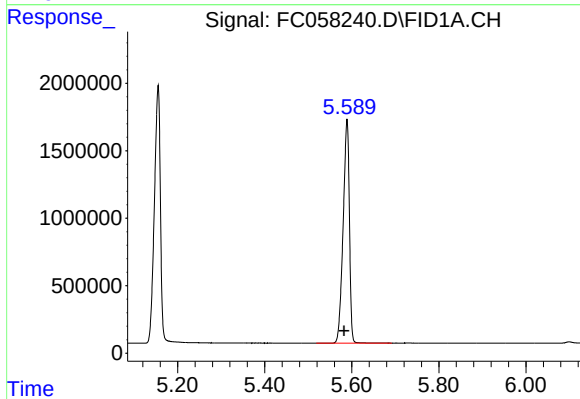
#2 n-Decane (C10)

R.T.: 3.618 min
Delta R.T.: 0.005 min
Response: 16361456
Conc: 96.26 ug/ml



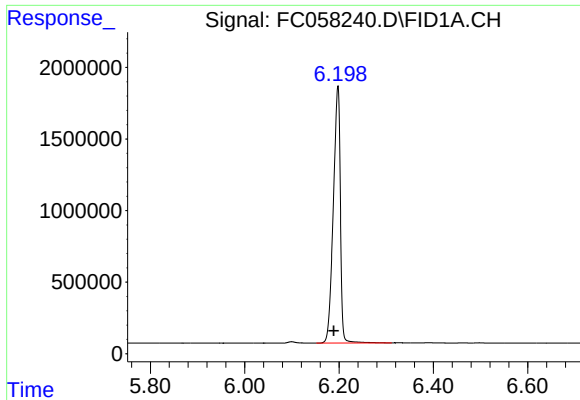
#3 A~Naphthalene (C11.7)

R.T.: 5.155 min
Delta R.T.: 0.006 min
Response: 18555404
Conc: 98.57 ug/ml



#4 n-Dodecane (C12)

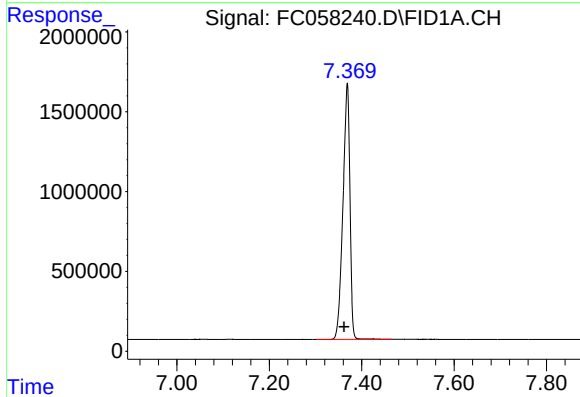
R.T.: 5.588 min
Delta R.T.: 0.006 min
Response: 16487459
Conc: 96.53 ug/ml



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

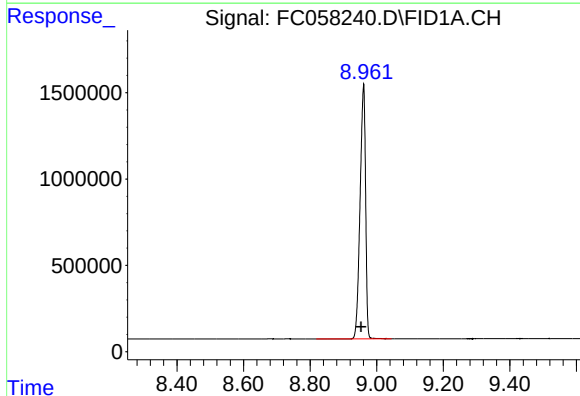
R.T.: 6.197 min
Delta R.T.: 0.008 min
Response: 18577667
Conc: 98.90 ug/ml

Instrument :
FID_C
ClientSampleId :



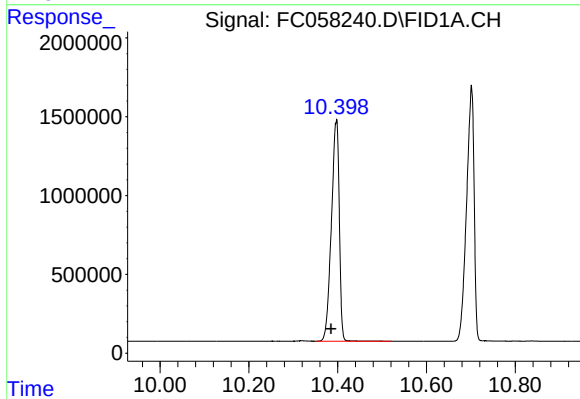
#6 n-Tetradecane (C14)

R.T.: 7.368 min
Delta R.T.: 0.006 min
Response: 16816550
Conc: 96.55 ug/ml



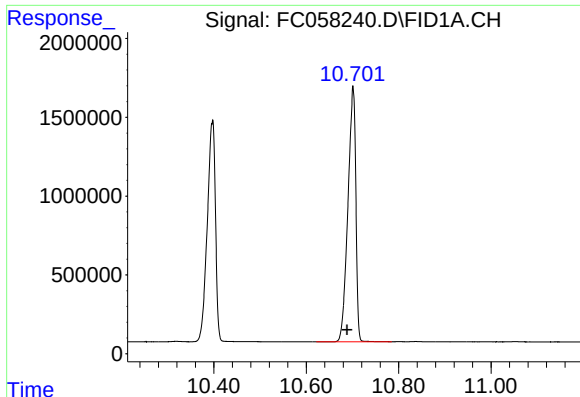
#7 n-Hexadecane (C16)

R.T.: 8.960 min
Delta R.T.: 0.008 min
Response: 16899274
Conc: 96.34 ug/ml



#8 n-Octadecane (C18)

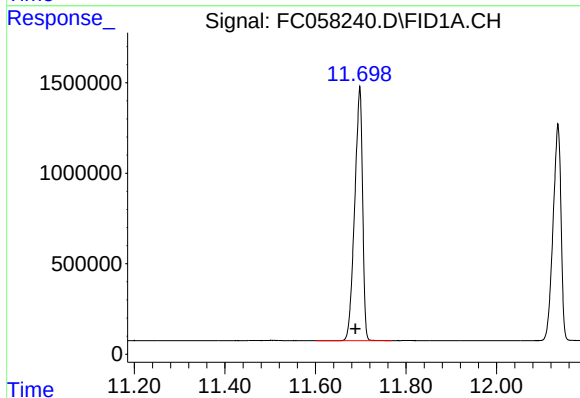
R.T.: 10.397 min
Delta R.T.: 0.011 min
Response: 17298856
Conc: 96.18 ug/ml



#9 ortho-Terphenyl (SURR)

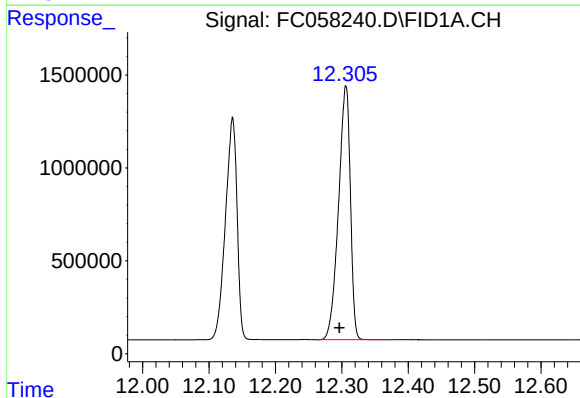
R.T.: 10.701 min
Delta R.T.: 0.012 min
Response: 19152986
Conc: 96.49 ug/ml

Instrument :
FID_C
ClientSampleId :



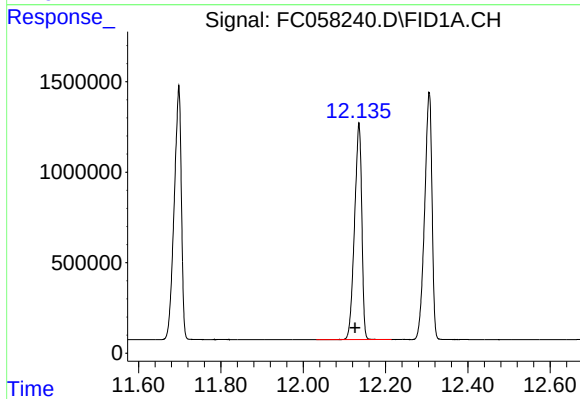
#10 n-Eicosane (C20)

R.T.: 11.697 min
Delta R.T.: 0.009 min
Response: 16915594
Conc: 96.07 ug/ml



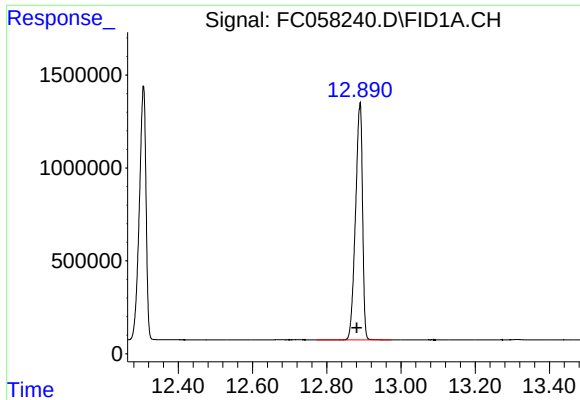
#11 n-Heneicosane (C21)

R.T.: 12.306 min
Delta R.T.: 0.009 min
Response: 16948617
Conc: 96.06 ug/ml



#12 1-chlorooctadecane (SURR)

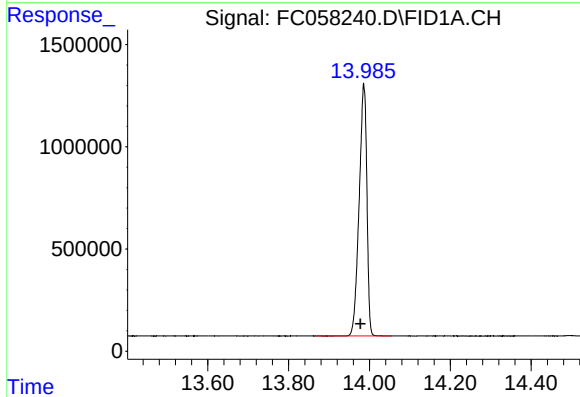
R.T.: 12.135 min
Delta R.T.: 0.009 min
Response: 14575348
Conc: 96.35 ug/ml



#13 n-Docosane (C22)

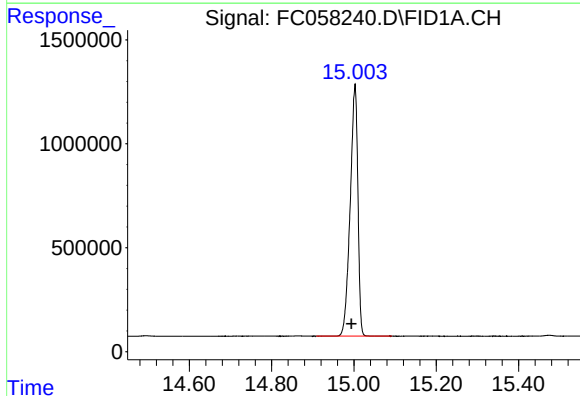
R.T.: 12.889 min
Delta R.T.: 0.008 min
Response: 16675542
Conc: 96.01 ug/ml

Instrument :
FID_C
ClientSampleId :



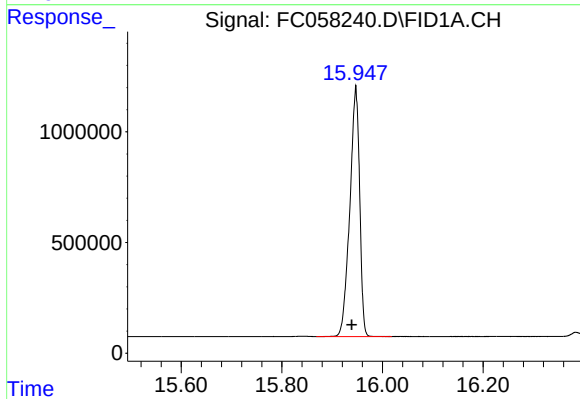
#14 n-Tetracosane (C24)

R.T.: 13.986 min
Delta R.T.: 0.009 min
Response: 16349157
Conc: 95.84 ug/ml



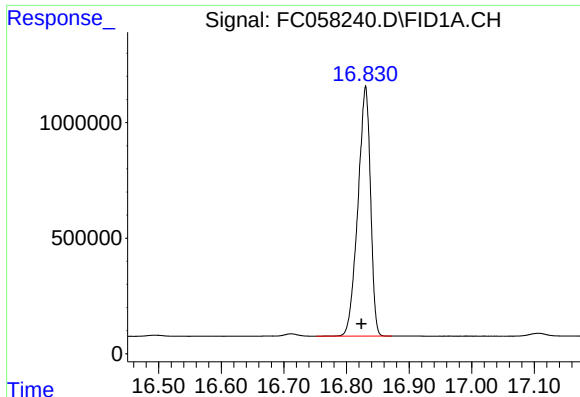
#15 n-Hexacosane (C26)

R.T.: 15.002 min
Delta R.T.: 0.008 min
Response: 15677677
Conc: 95.70 ug/ml



#16 n-Octacosane (C28)

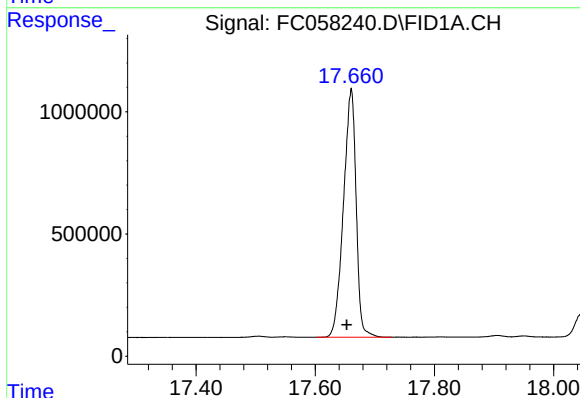
R.T.: 15.947 min
Delta R.T.: 0.008 min
Response: 15278382
Conc: 95.45 ug/ml



#17 n-Tricontane (C30)

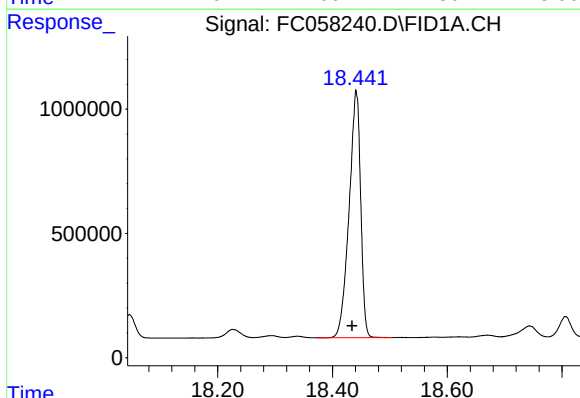
R.T.: 16.830 min
Delta R.T.: 0.006 min
Response: 15085190
Conc: 97.33 ug/ml

Instrument :
FID_C
ClientSampleId :



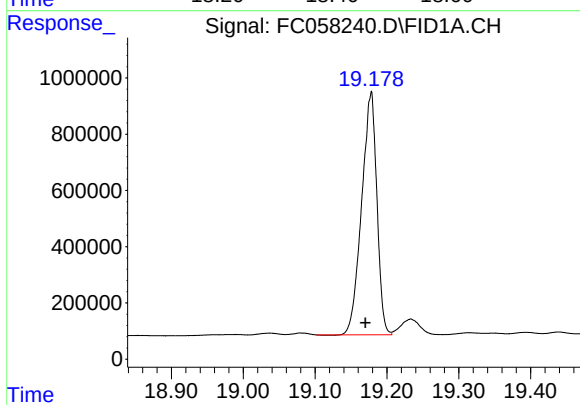
#18 n-Dotriacontane (C32)

R.T.: 17.660 min
Delta R.T.: 0.007 min
Response: 14973660
Conc: 101.06 ug/ml



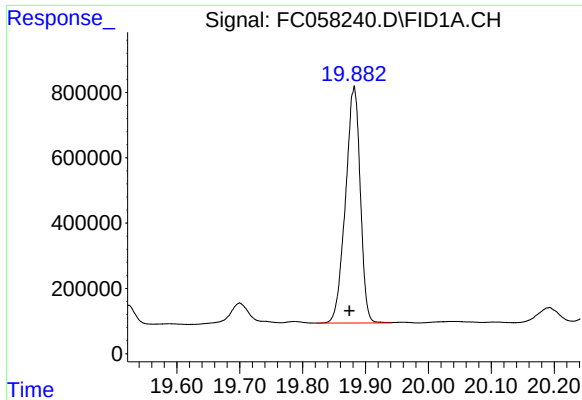
#19 n-Tetratriacontane (C34)

R.T.: 18.441 min
Delta R.T.: 0.007 min
Response: 13921865
Conc: 102.68 ug/ml



#20 n-Hexatriacontane (C36)

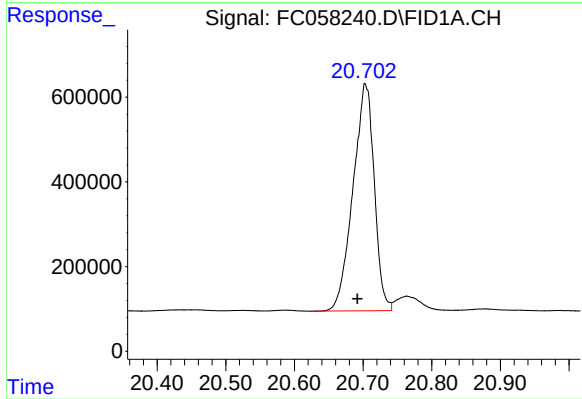
R.T.: 19.177 min
Delta R.T.: 0.007 min
Response: 12677012
Conc: 101.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.882 min
Delta R.T.: 0.007 min
Response: 11828197
Conc: 100.20 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.704 min
Delta R.T.: 0.012 min
Response: 11551821
Conc: 98.31 ug/ml