

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022122AL\
 Data File : FC058398.D
 Signal(s) : FID1A.CH
 Acq On : 21 Feb 2022 17:40
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 21 18:02:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022122.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 21 16:43:36 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)	11.385	31291791	20.332 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
12) S 1-chlorooctadecane (S...	12.817	24345510	20.851 ug/ml
Spiked Amount 50.000		Recovery =	41.70%
Target Compounds			
1) T n-Nonane (C9)	3.365	26775231	20.458 ug/ml
2) T n-Decane (C10)	4.333	27511082	20.817 ug/ml
3) T A~Naphthalene (C11.7)	5.846	29761139	20.356 ug/ml
4) T n-Dodecane (C12)	6.280	27235582	20.224 ug/ml
5) T A~2-methylnaphthalene...	6.885	29422938	20.106 ug/ml
6) T n-Tetradecane (C14)	8.055	27305945	20.181 ug/ml
7) T n-Hexadecane (C16)	9.644	27350214	20.037 ug/ml
8) T n-Octadecane (C18)	11.080	27423146	19.951 ug/ml
10) T n-Eicosane (C20)	12.378	27498237	20.195 ug/ml
11) T n-Heneicosane (C21)	12.988	27466902	20.146 ug/ml
13) T n-Docosane (C22)	13.570	27326126	20.114 ug/ml
14) T n-Tetracosane (C24)	14.668	27082818	20.111 ug/ml
15) T n-Hexacosane (C26)	15.684	26423120	20.000 ug/ml
16) T n-Octacosane (C28)	16.628	25816701	19.934 ug/ml
17) T n-Tricontane (C30)	17.512	25362076	20.200 ug/ml
18) T n-Dotriacontane (C32)	18.341	24695053	20.827 ug/ml
19) T n-Tetratriacontane (C34)	19.121	22864951	20.975 ug/ml
20) T n-Hexatriacontane (C36)	19.857	21648541	21.856 ug/ml
21) T n-Octatriacontane (C38)	20.560	19248422	21.791 ug/ml
22) T n-Tetracontane (C40)	21.382	16510441	21.419 ug/ml

(f)=RT Delta > 1/2 Window

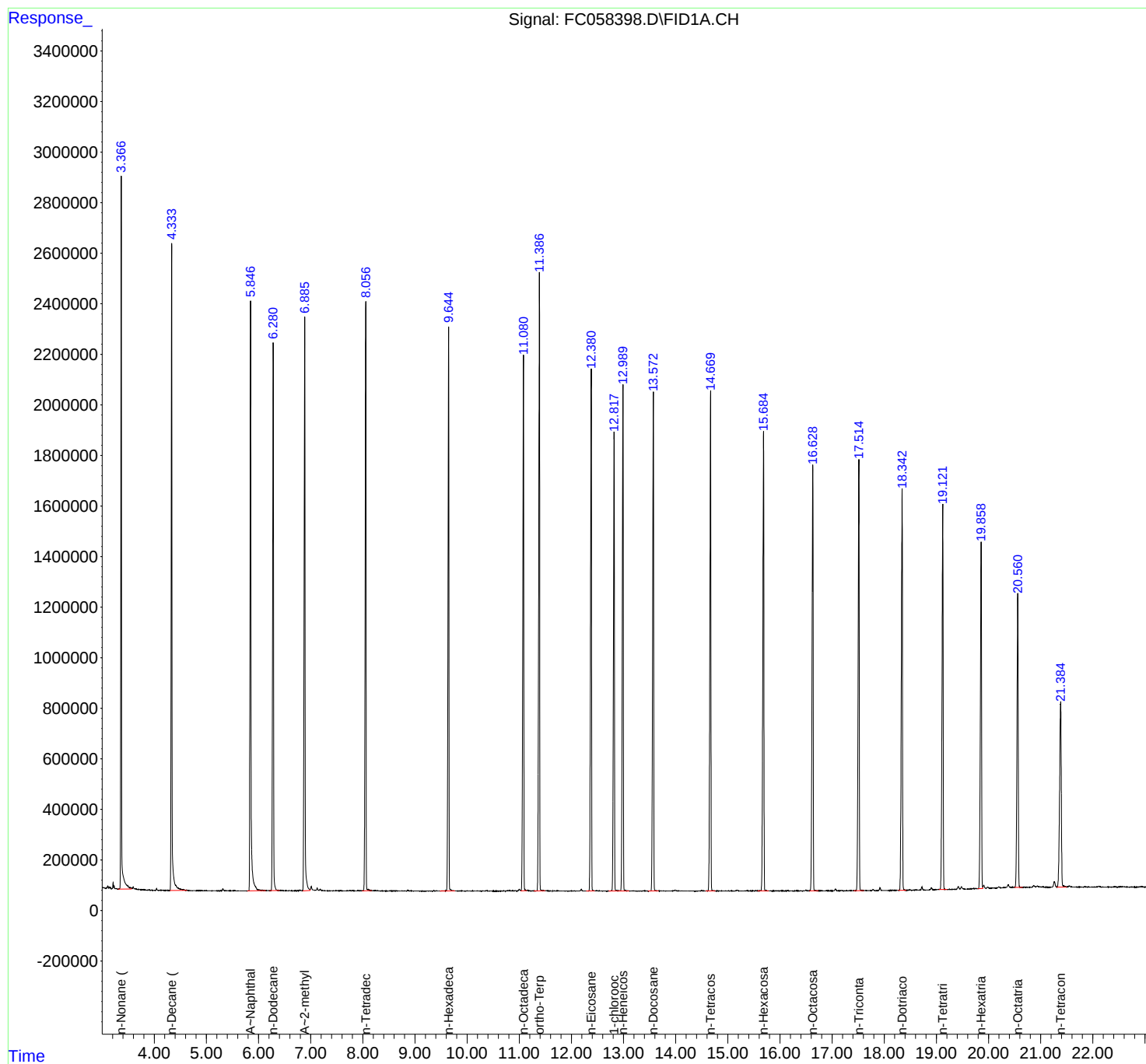
(m)=manual int.

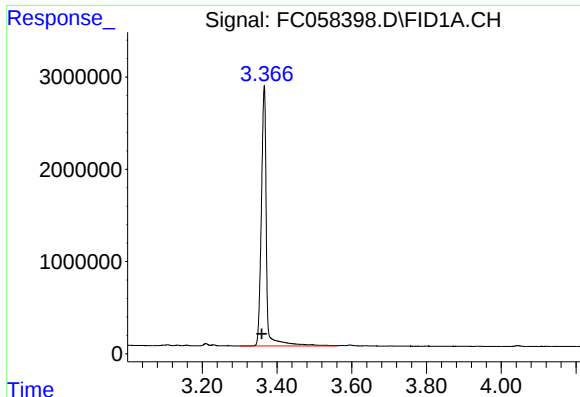
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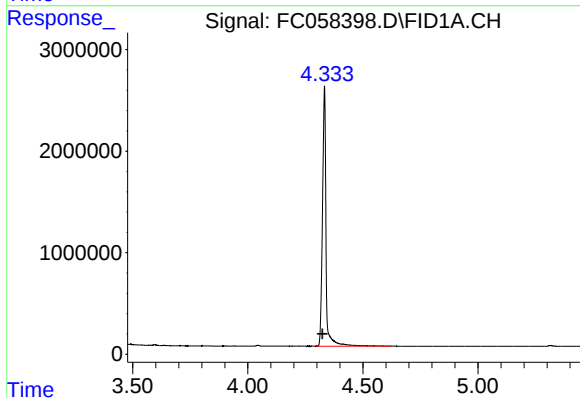




#1 n-Nonane (C9)

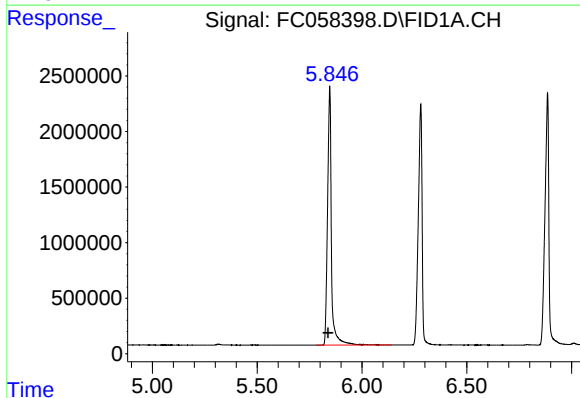
R.T.: 3.365 min
Delta R.T.: 0.006 min
Response: 26775231
Conc: 20.46 ug/ml

Instrument :
FID_C
ClientSampleId :



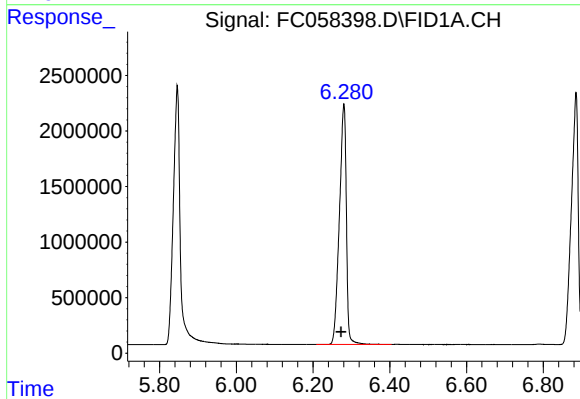
#2 n-Decane (C10)

R.T.: 4.333 min
Delta R.T.: 0.008 min
Response: 27511082
Conc: 20.82 ug/ml



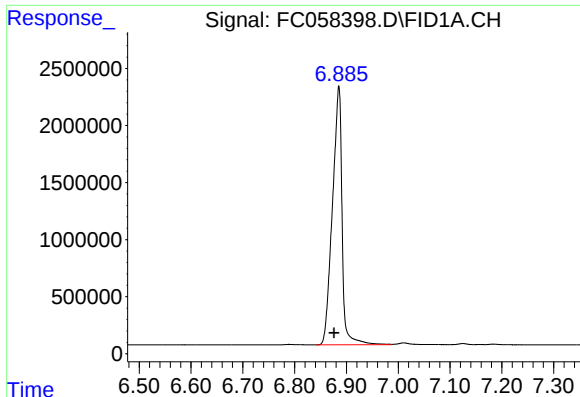
#3 A~Naphthalene (C11.7)

R.T.: 5.846 min
Delta R.T.: 0.007 min
Response: 29761139
Conc: 20.36 ug/ml



#4 n-Dodecane (C12)

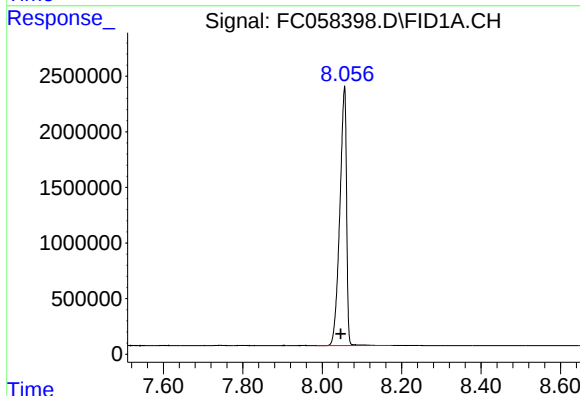
R.T.: 6.280 min
Delta R.T.: 0.007 min
Response: 27235582
Conc: 20.22 ug/ml



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

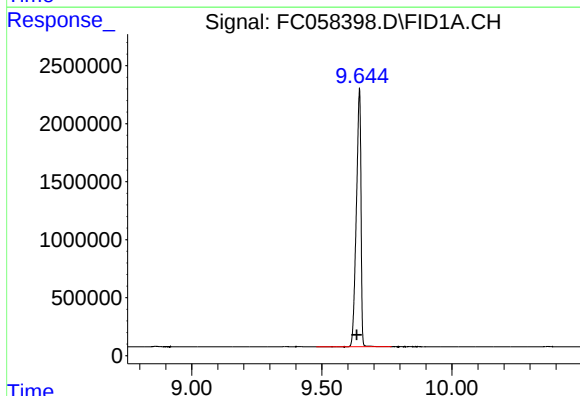
R.T.: 6.885 min
Delta R.T.: 0.008 min
Response: 29422938
Conc: 20.11 ug/ml

Instrument :
FID_C
ClientSampleId :



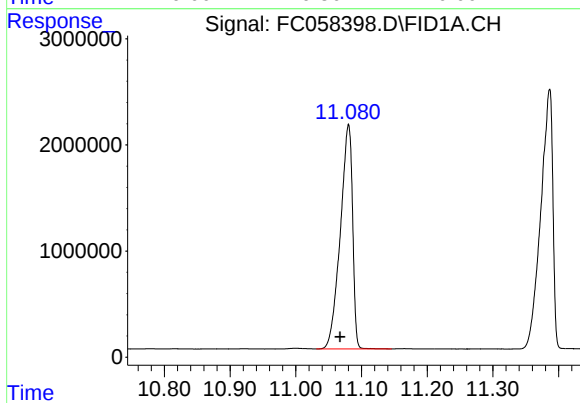
#6 n-Tetradecane (C14)

R.T.: 8.055 min
Delta R.T.: 0.009 min
Response: 27305945
Conc: 20.18 ug/ml



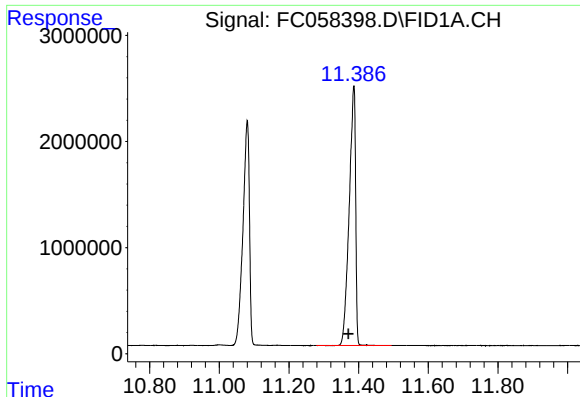
#7 n-Hexadecane (C16)

R.T.: 9.644 min
Delta R.T.: 0.010 min
Response: 27350214
Conc: 20.04 ug/ml



#8 n-Octadecane (C18)

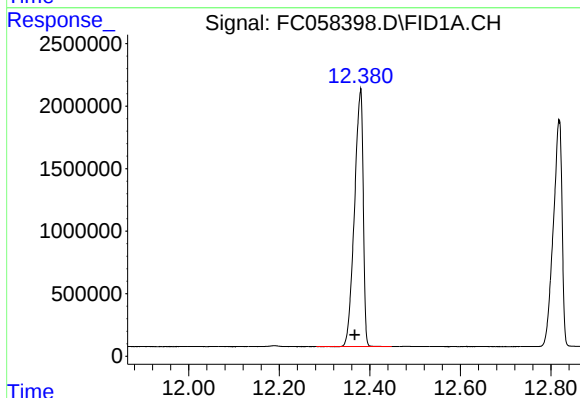
R.T.: 11.080 min
Delta R.T.: 0.013 min
Response: 27423146
Conc: 19.95 ug/ml



#9 ortho-Terphenyl (SURR)

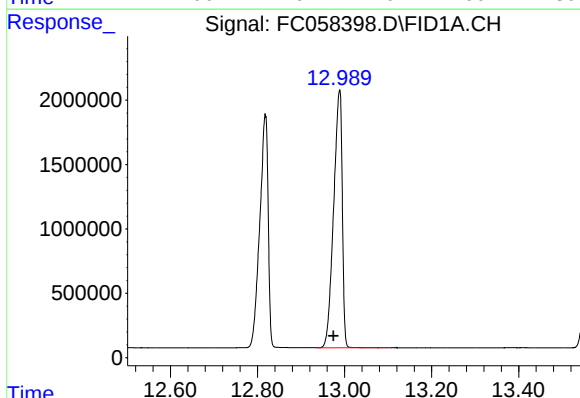
R.T.: 11.385 min
Delta R.T.: 0.014 min
Response: 31291791
Conc: 20.33 ug/ml

Instrument :
FID_C
ClientSampleId :



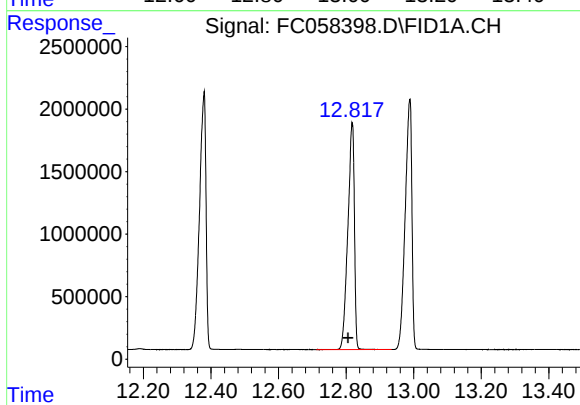
#10 n-Eicosane (C20)

R.T.: 12.378 min
Delta R.T.: 0.012 min
Response: 27498237
Conc: 20.20 ug/ml



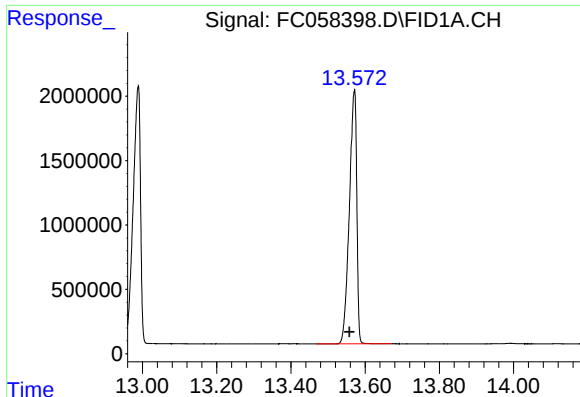
#11 n-Heneicosane (C21)

R.T.: 12.988 min
Delta R.T.: 0.013 min
Response: 27466902
Conc: 20.15 ug/ml



#12 1-chlorooctadecane (SURR)

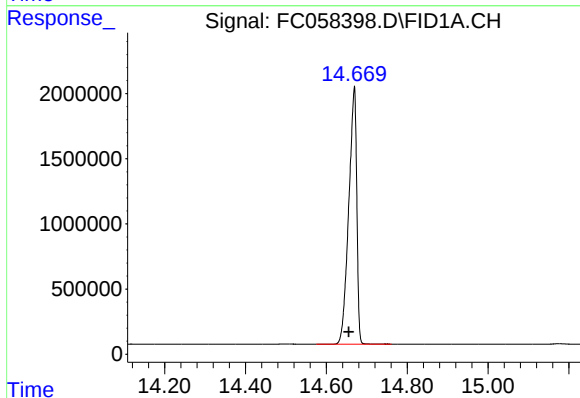
R.T.: 12.817 min
Delta R.T.: 0.012 min
Response: 24345510
Conc: 20.85 ug/ml



#13 n-Docosane (C22)

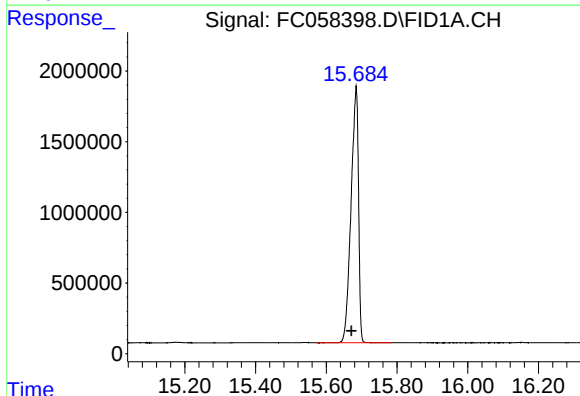
R.T.: 13.570 min
Delta R.T.: 0.013 min
Response: 27326126
Conc: 20.11 ug/ml

Instrument :
FID_C
ClientSampleId :



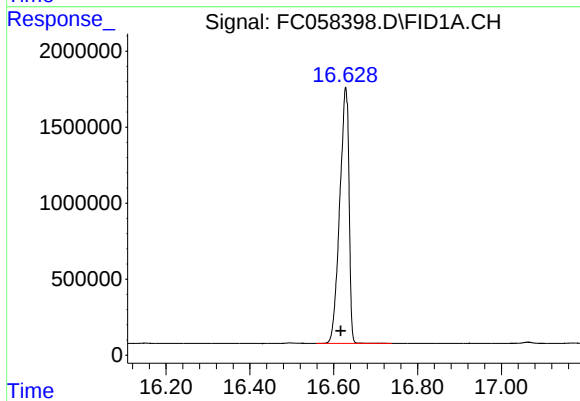
#14 n-Tetracosane (C24)

R.T.: 14.668 min
Delta R.T.: 0.013 min
Response: 27082818
Conc: 20.11 ug/ml



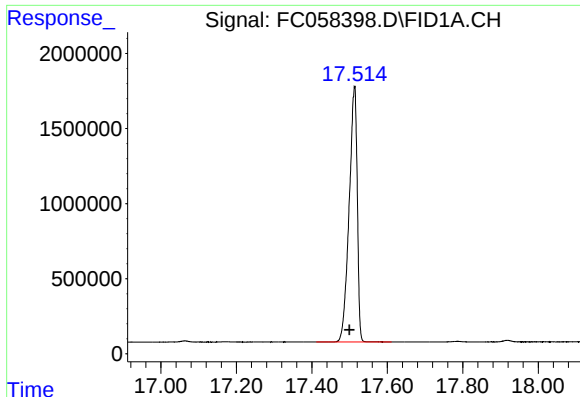
#15 n-Hexacosane (C26)

R.T.: 15.684 min
Delta R.T.: 0.013 min
Response: 26423120
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

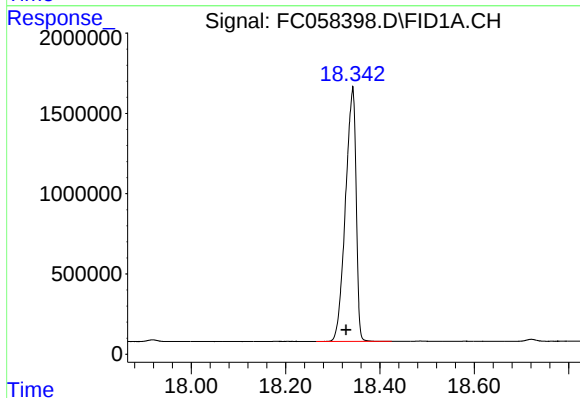
R.T.: 16.628 min
Delta R.T.: 0.012 min
Response: 25816701
Conc: 19.93 ug/ml



#17 n-Tricontane (C30)

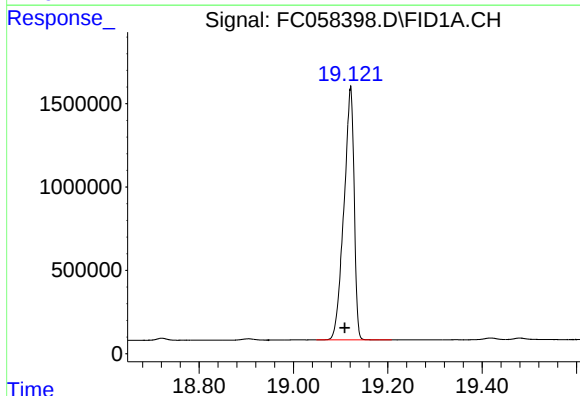
R.T.: 17.512 min
Delta R.T.: 0.012 min
Response: 25362076
Conc: 20.20 ug/ml

Instrument :
FID_C
ClientSampleId :



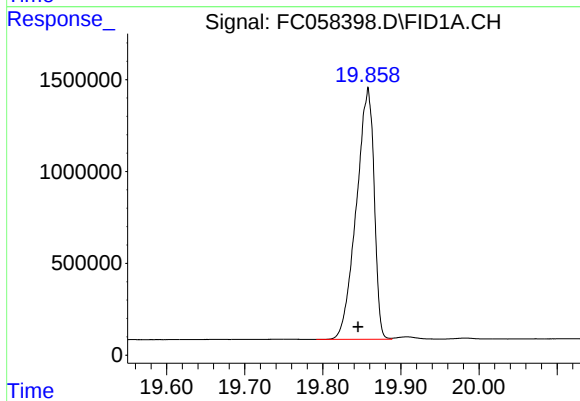
#18 n-Dotriacontane (C32)

R.T.: 18.341 min
Delta R.T.: 0.013 min
Response: 24695053
Conc: 20.83 ug/ml



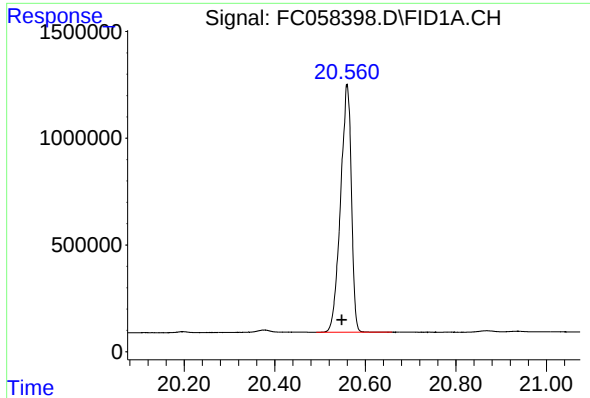
#19 n-Tetratriacontane (C34)

R.T.: 19.121 min
Delta R.T.: 0.012 min
Response: 22864951
Conc: 20.98 ug/ml



#20 n-Hexatriacontane (C36)

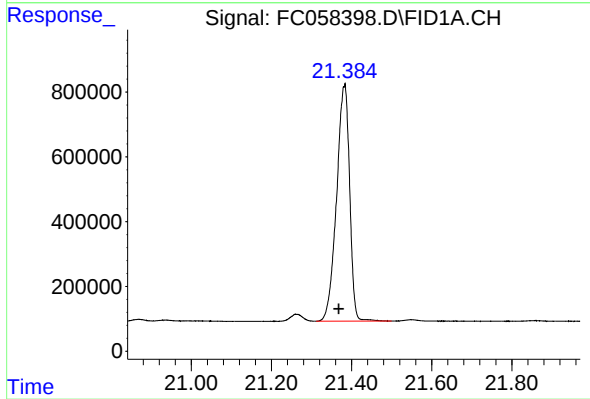
R.T.: 19.857 min
Delta R.T.: 0.012 min
Response: 21648541
Conc: 21.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.560 min
Delta R.T.: 0.012 min
Response: 19248422
Conc: 21.79 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.382 min
Delta R.T.: 0.014 min
Response: 16510441
Conc: 21.42 ug/ml