

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010621AL\
 Data File : FC051617.D
 Signal(s) : FID1A.CH
 Acq On : 07 Jan 2021 13:54
 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: Jan 07 14:51:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 00:33:00 2020
 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)	11.556	2190144	18.897 ug/ml
Spiked Amount 50.000		Recovery =	37.79%
12) S 1-chlorooctadecane (S...	12.990	1683657	18.664 ug/ml
Spiked Amount 50.000		Recovery =	37.33%
Target Compounds			
1) T n-Nonane (C9)	3.320	2044421	20.722 ug/ml
2) T n-Decane (C10)	4.387	2077171	21.007 ug/ml
3) T A~Naphthalene (C11.7)	5.977	2147323	20.532 ug/ml
4) T n-Dodecane (C12)	6.403	2132519	20.860 ug/ml
5) T A~2-methylnaphthalene...	7.034	2136088	20.336 ug/ml
6) T n-Tetradecane (C14)	8.197	2079021	20.495 ug/ml
7) T n-Hexadecane (C16)	9.797	2019794	20.054 ug/ml
8) T n-Octadecane (C18)	11.237	2079752	19.500 ug/ml
10) T n-Eicosane (C20)	12.544	2050677	19.042 ug/ml
11) T n-Heneicosane (C21)	13.155	2017891	18.813 ug/ml
13) T n-Docosane (C22)	13.741	2008338	18.806 ug/ml
14) T n-Tetracosane (C24)	14.842	1975181	18.661 ug/ml
15) T n-Hexacosane (C26)	15.861	1943634	18.765 ug/ml
16) T n-Octacosane (C28)	16.810	1951529	19.167 ug/ml
17) T n-Tricontane (C30)	17.695	1956750	19.869 ug/ml
18) T n-Dotriacontane (C32)	18.526	1850994	20.431 ug/ml
19) T n-Tetratriacontane (C34)	19.307	1773796	20.869 ug/ml
20) T n-Hexatriacontane (C36)	20.045	1757651	20.729 ug/ml
21) T n-Octatriacontane (C38)	20.776	1590687	20.777 ug/ml
22) T n-Tetracontane (C40)	21.679	1798539	22.743 ug/ml

(f)=RT Delta > 1/2 Window

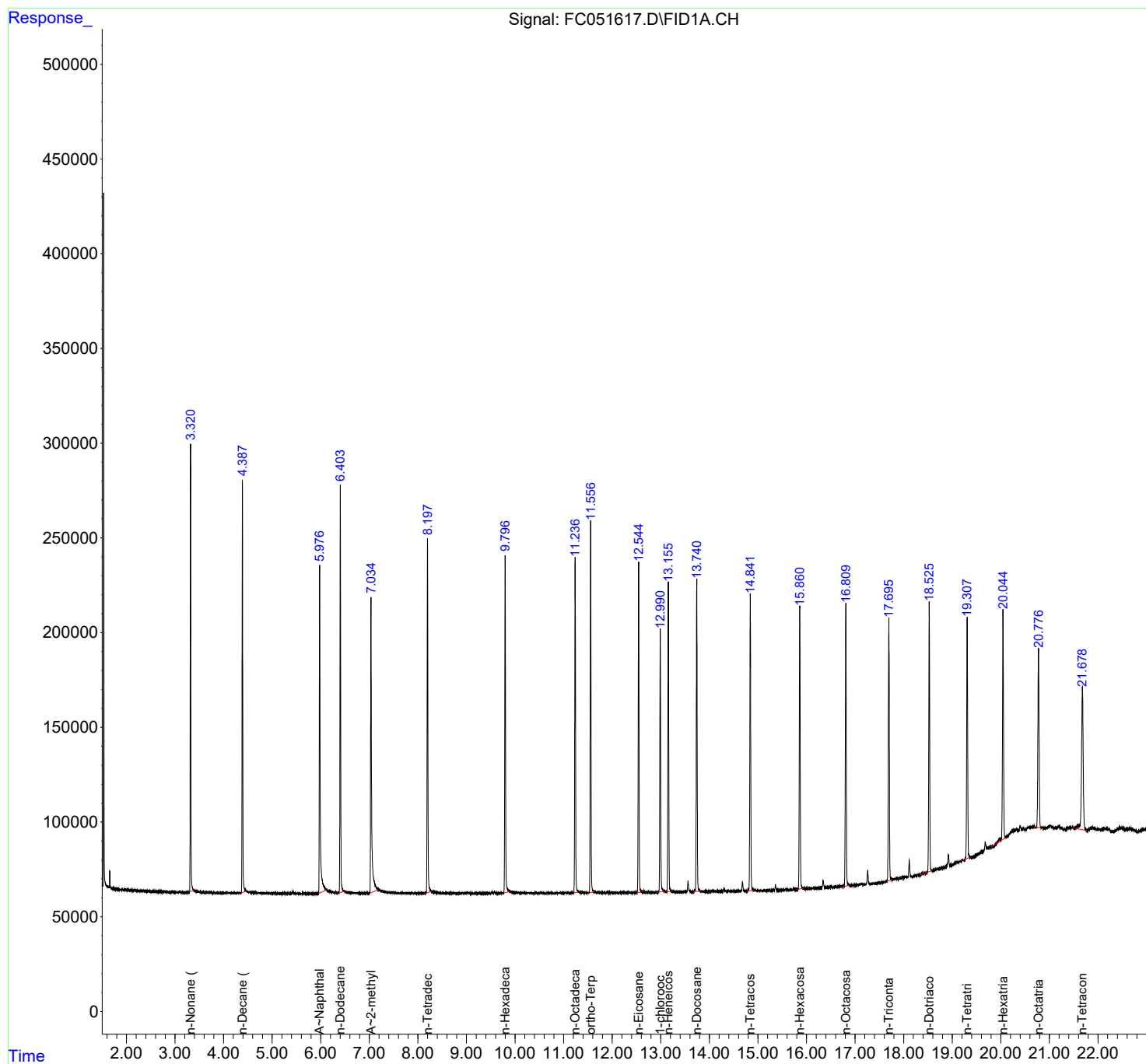
(m)=manual int.

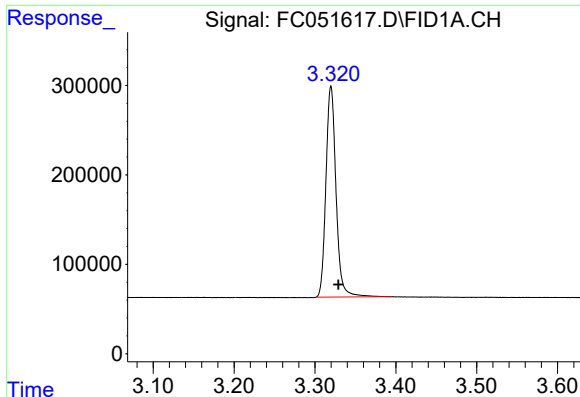
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010621AL\
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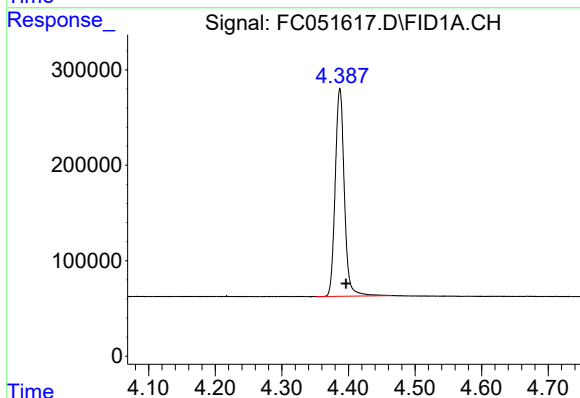




#1 n-Nonane (C9)

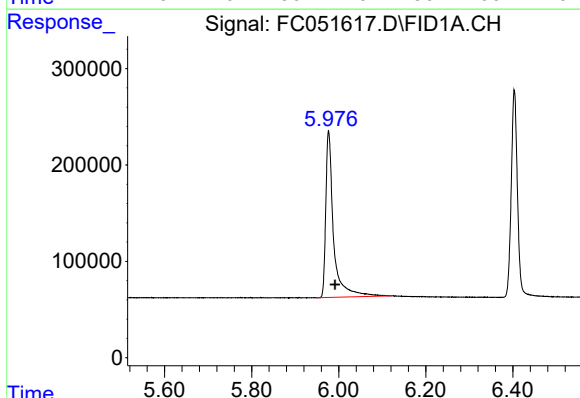
R.T.: 3.320 min
Delta R.T.: -0.009 min
Response: 2044421
Conc: 20.72 ug/ml

Instrument :
FID_C
ClientSampleId :



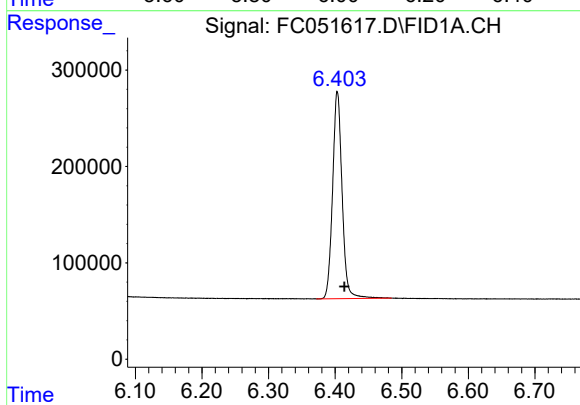
#2 n-Decane (C10)

R.T.: 4.387 min
Delta R.T.: -0.009 min
Response: 2077171
Conc: 21.01 ug/ml



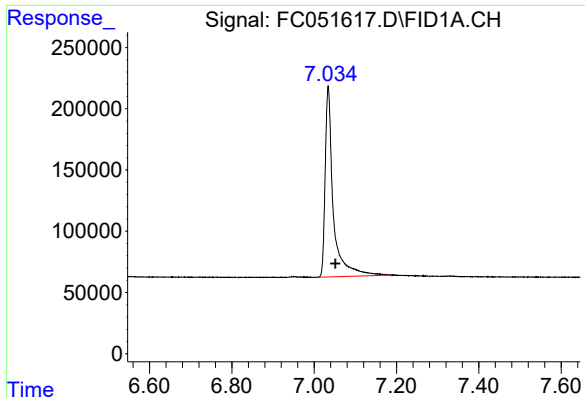
#3 A~Naphthalene (C11.7)

R.T.: 5.977 min
Delta R.T.: -0.015 min
Response: 2147323
Conc: 20.53 ug/ml



#4 n-Dodecane (C12)

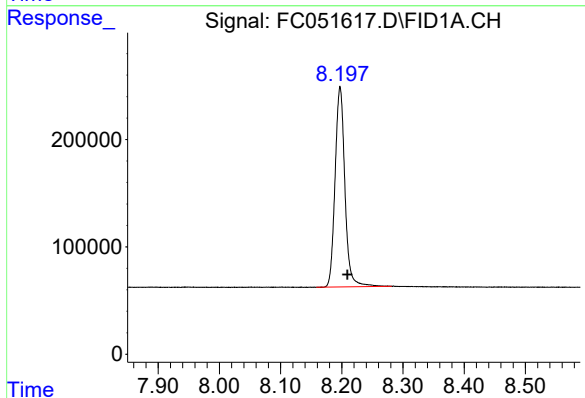
R.T.: 6.403 min
Delta R.T.: -0.010 min
Response: 2132519
Conc: 20.86 ug/ml



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

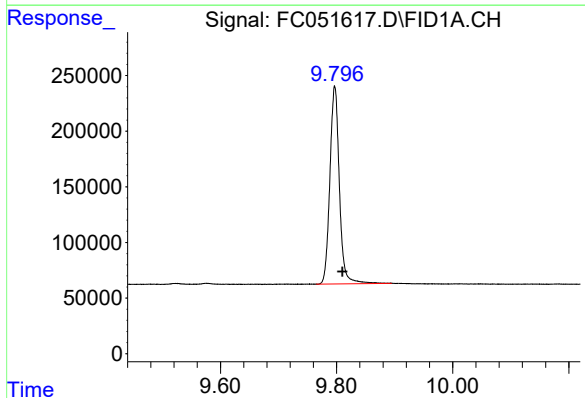
R.T.: 7.034 min
Delta R.T.: -0.017 min
Response: 2136088
Conc: 20.34 ug/ml

Instrument :
FID_C
ClientSampleId :



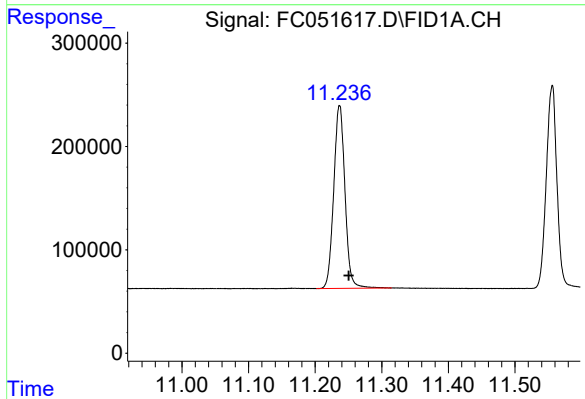
#6 n-Tetradecane (C14)

R.T.: 8.197 min
Delta R.T.: -0.012 min
Response: 2079021
Conc: 20.49 ug/ml



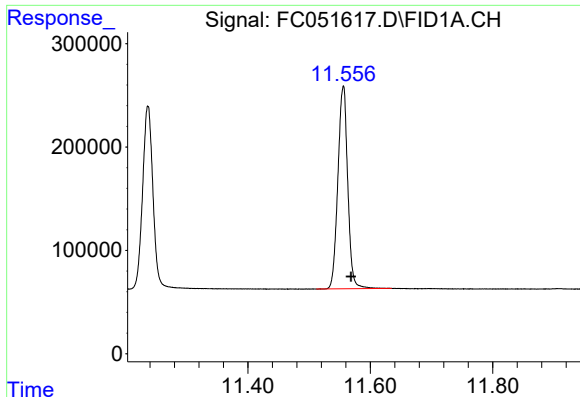
#7 n-Hexadecane (C16)

R.T.: 9.797 min
Delta R.T.: -0.013 min
Response: 2019794
Conc: 20.05 ug/ml



#8 n-Octadecane (C18)

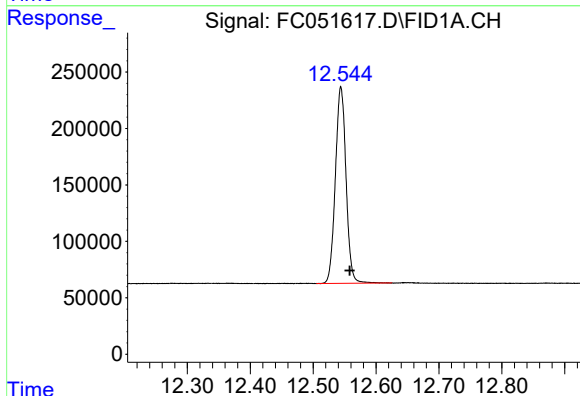
R.T.: 11.237 min
Delta R.T.: -0.014 min
Response: 2079752
Conc: 19.50 ug/ml



#9 ortho-Terphenyl (SURR)

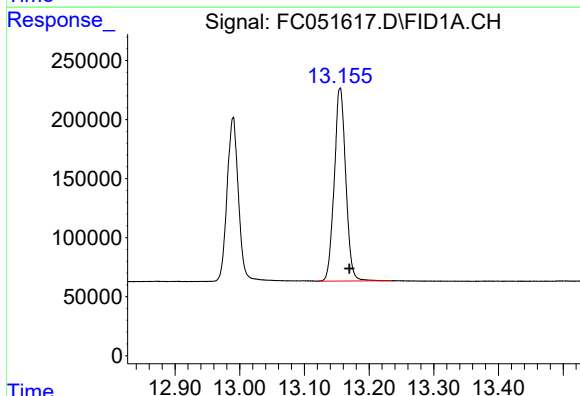
R.T.: 11.556 min
Delta R.T.: -0.013 min
Response: 2190144
Conc: 18.90 ug/ml

Instrument :
FID_C
ClientSampleId :



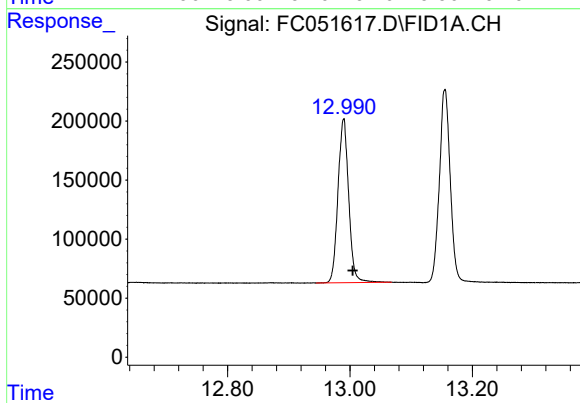
#10 n-Eicosane (C20)

R.T.: 12.544 min
Delta R.T.: -0.014 min
Response: 2050677
Conc: 19.04 ug/ml



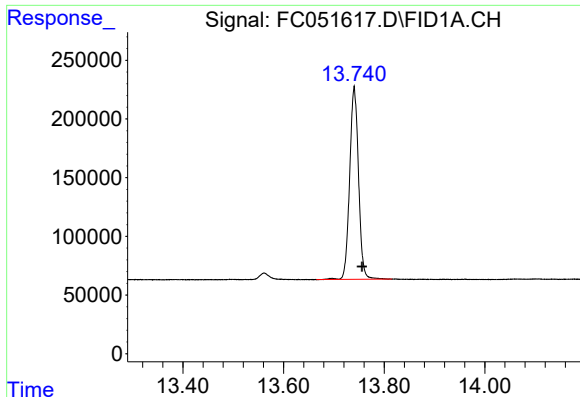
#11 n-Heneicosane (C21)

R.T.: 13.155 min
Delta R.T.: -0.014 min
Response: 2017891
Conc: 18.81 ug/ml



#12 1-chlorooctadecane (SURR)

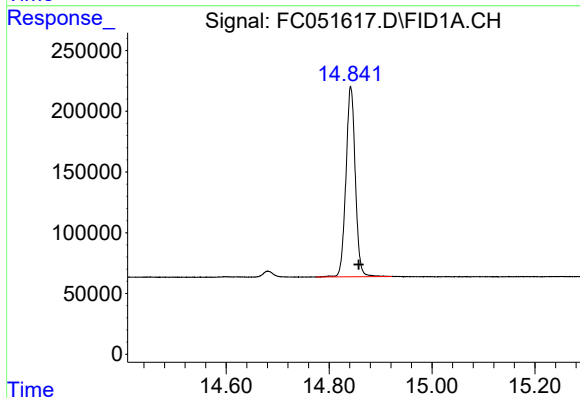
R.T.: 12.990 min
Delta R.T.: -0.015 min
Response: 1683657
Conc: 18.66 ug/ml



#13 n-Docosane (C22)

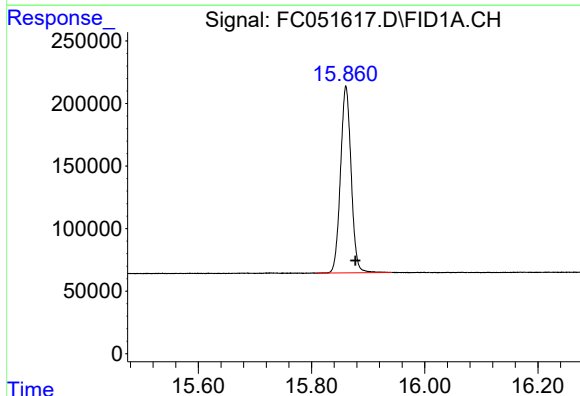
R.T.: 13.741 min
Delta R.T.: -0.015 min
Response: 2008338
Conc: 18.81 ug/ml

Instrument :
FID_C
ClientSampleId :



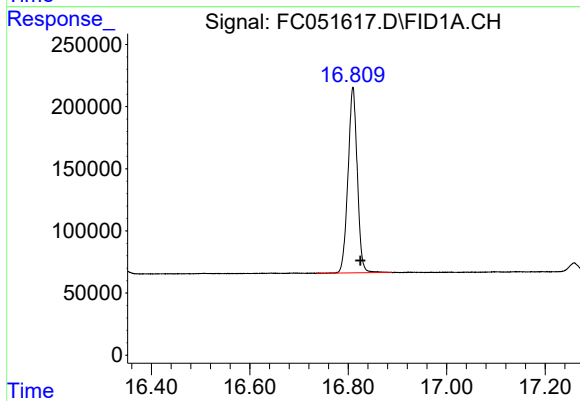
#14 n-Tetracosane (C24)

R.T.: 14.842 min
Delta R.T.: -0.016 min
Response: 1975181
Conc: 18.66 ug/ml



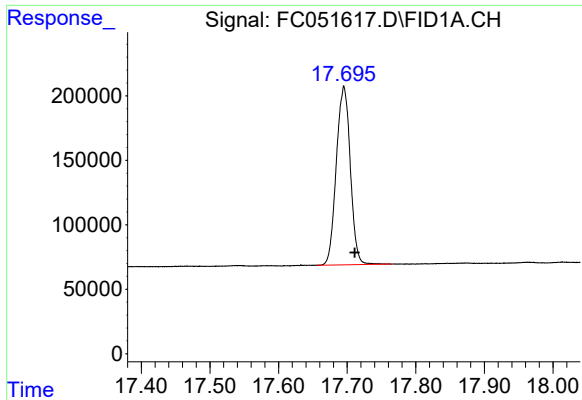
#15 n-Hexacosane (C26)

R.T.: 15.861 min
Delta R.T.: -0.017 min
Response: 1943634
Conc: 18.77 ug/ml



#16 n-Octacosane (C28)

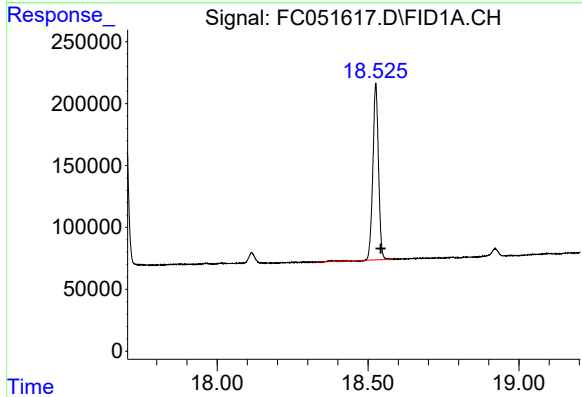
R.T.: 16.810 min
Delta R.T.: -0.015 min
Response: 1951529
Conc: 19.17 ug/ml



#17 n-Tricontane (C30)

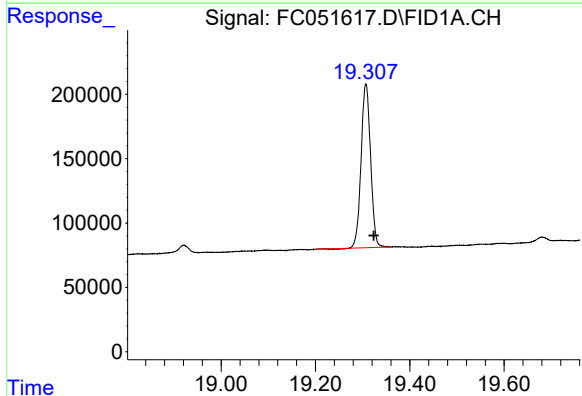
R.T.: 17.695 min
Delta R.T.: -0.016 min
Response: 1956750
Conc: 19.87 ug/ml

Instrument :
FID_C
ClientSampleId :



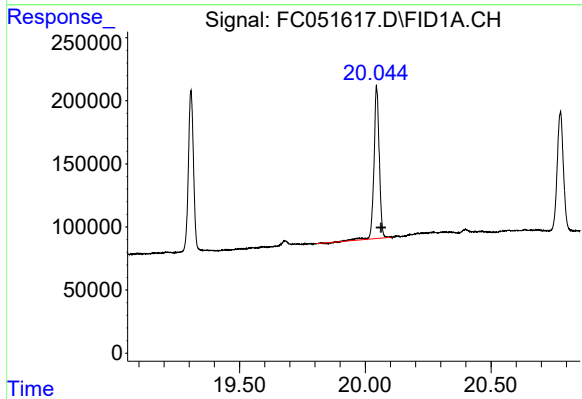
#18 n-Dotriacontane (C32)

R.T.: 18.526 min
Delta R.T.: -0.017 min
Response: 1850994
Conc: 20.43 ug/ml



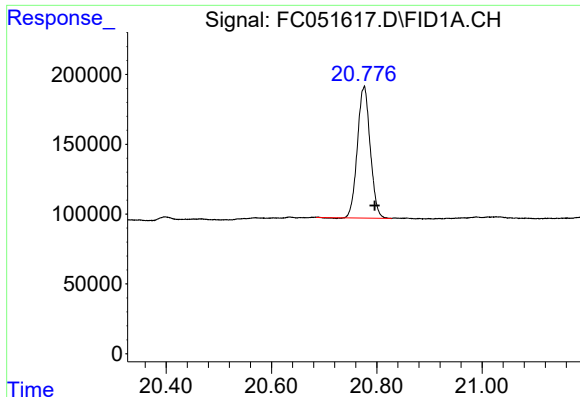
#19 n-Tetratriacontane (C34)

R.T.: 19.307 min
Delta R.T.: -0.017 min
Response: 1773796
Conc: 20.87 ug/ml



#20 n-Hexatriacontane (C36)

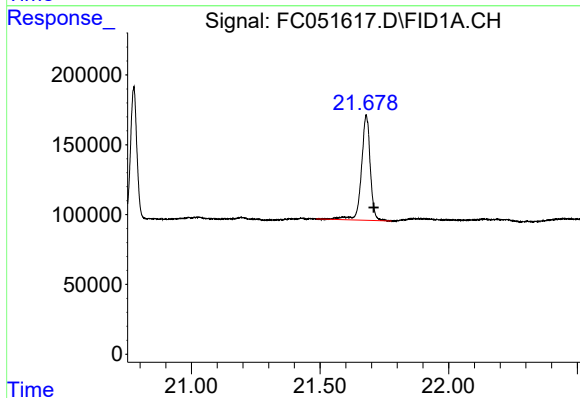
R.T.: 20.045 min
Delta R.T.: -0.017 min
Response: 1757651
Conc: 20.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.776 min
Delta R.T.: -0.020 min
Response: 1590687
Conc: 20.78 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.679 min
Delta R.T.: -0.030 min
Response: 1798539
Conc: 22.74 ug/ml