

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031820AL\
 Data File : FC046390.D
 Signal(s) : FID1A.CH
 Acq On : 18 Mar 2020 11:27
 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 19 01:26:50 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022120.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 22 03:16:45 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)	11.754	2150899	18.854 ug/ml
Spiked Amount 50.000		Recovery =	37.71%
12) S 1-chlorooctadecane (S...	13.170	1661494	18.521 ug/ml
Spiked Amount 50.000		Recovery =	37.04%
Target Compounds			
1) T n-Nonane (C9)	3.536	2083452	20.669 ug/ml
2) T n-Decane (C10)	4.605	2128523	21.103 ug/ml
3) T A~Naphthalene (C11.7)	6.204	2198128	19.797 ug/ml
4) T n-Dodecane (C12)	6.613	2150252	21.077 ug/ml
5) T A~2-methylnaphthalene...	7.254	2183502	19.630 ug/ml
6) T n-Tetradecane (C14)	8.397	2118751	20.697 ug/ml
7) T n-Hexadecane (C16)	9.988	2085742	20.145 ug/ml
8) T n-Octadecane (C18)	11.421	2064490	19.639 ug/ml
10) T n-Eicosane (C20)	12.723	2024500	19.151 ug/ml
11) T n-Heneicosane (C21)	13.334	2011444	18.859 ug/ml
13) T n-Docosane (C22)	13.916	2000625	18.828 ug/ml
14) T n-Tetracosane (C24)	15.014	1978194	18.483 ug/ml
15) T n-Hexacosane (C26)	16.029	1991085	18.734 ug/ml
16) T n-Octacosane (C28)	16.974	1983288	18.943 ug/ml
17) T n-Tricontane (C30)	17.857	1930459	19.157 ug/ml
18) T n-Dotriacontane (C32)	18.685	1665713	19.463 ug/ml
19) T n-Tetratriacontane (C34)	19.464	1428572	19.683 ug/ml
20) T n-Hexatriacontane (C36)	20.201	1333856	19.723 ug/ml
21) T n-Octatriacontane (C38)	20.961	1293869	21.407 ug/ml
22) T n-Tetracontane (C40)	21.915	1305831	20.770 ug/ml

(f)=RT Delta > 1/2 Window

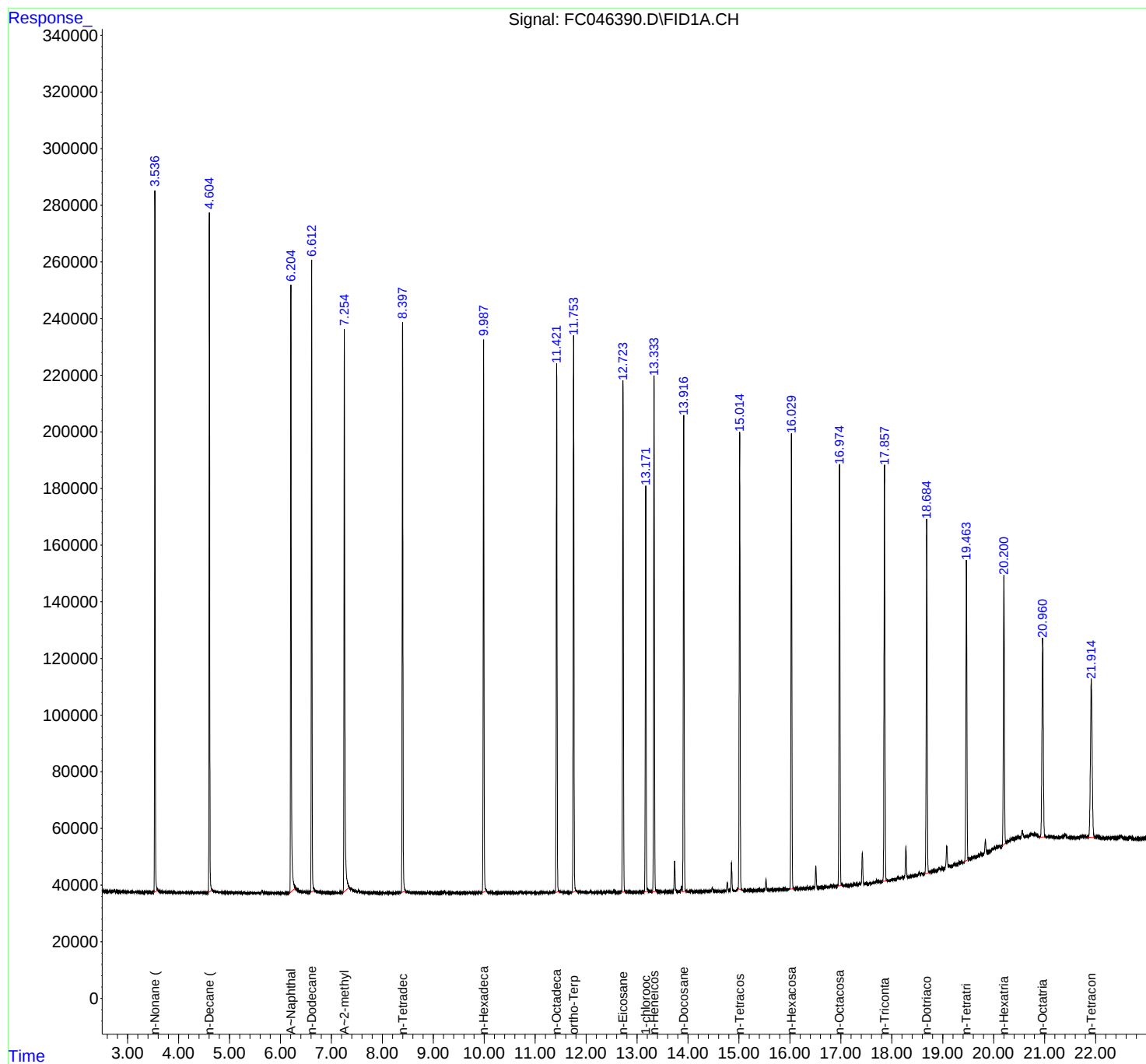
(m)=manual int.

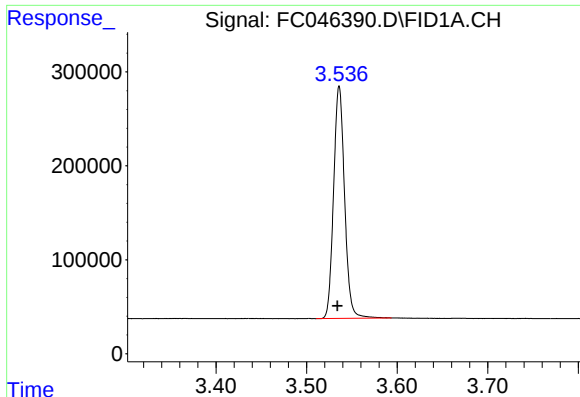
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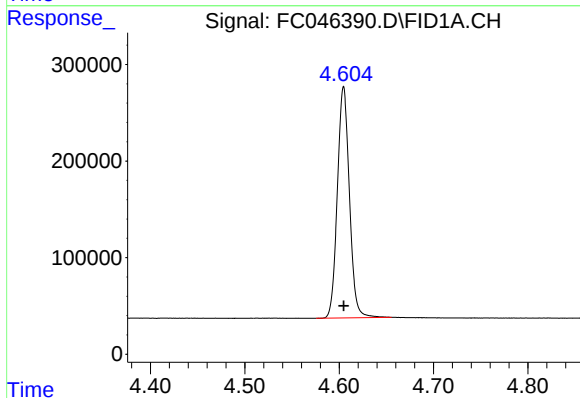




#1 n-Nonane (C9)

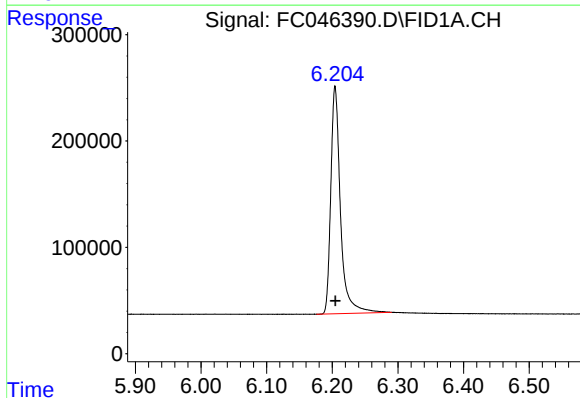
R.T.: 3.536 min
Delta R.T.: 0.002 min
Response: 2083452
Conc: 20.67 ug/ml

Instrument :
FID_C
ClientSampleId :



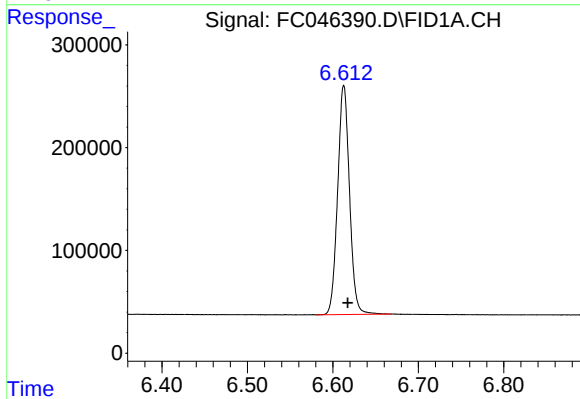
#2 n-Decane (C10)

R.T.: 4.605 min
Delta R.T.: 0.000 min
Response: 2128523
Conc: 21.10 ug/ml



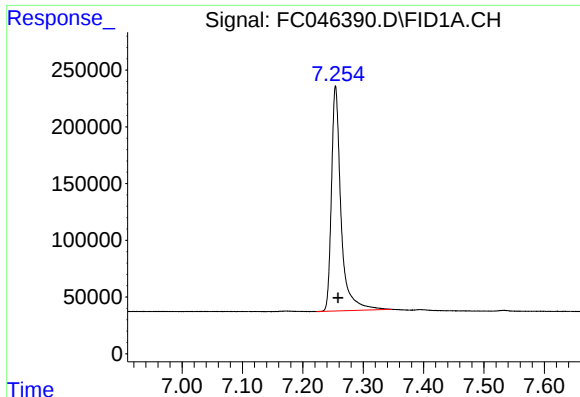
#3 A~Naphthalene (C11.7)

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 2198128
Conc: 19.80 ug/ml



#4 n-Dodecane (C12)

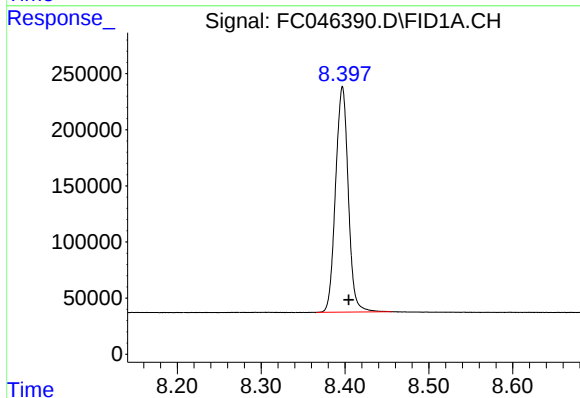
R.T.: 6.613 min
Delta R.T.: -0.005 min
Response: 2150252
Conc: 21.08 ug/ml



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

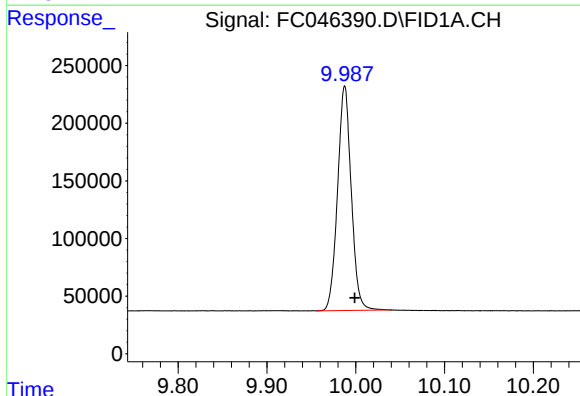
R.T.: 7.254 min
Delta R.T.: -0.004 min
Response: 2183502
Conc: 19.63 ug/ml

Instrument :
FID_C
ClientSampleId :



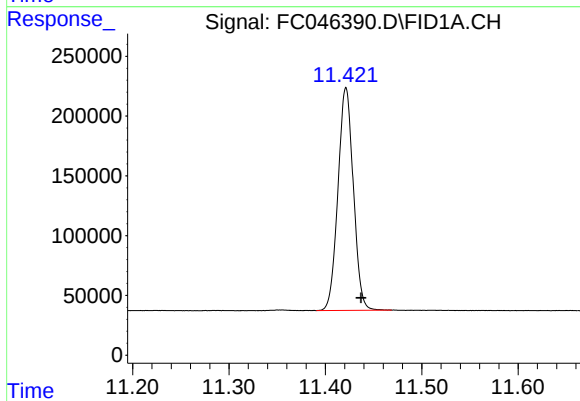
#6 n-Tetradecane (C14)

R.T.: 8.397 min
Delta R.T.: -0.007 min
Response: 2118751
Conc: 20.70 ug/ml



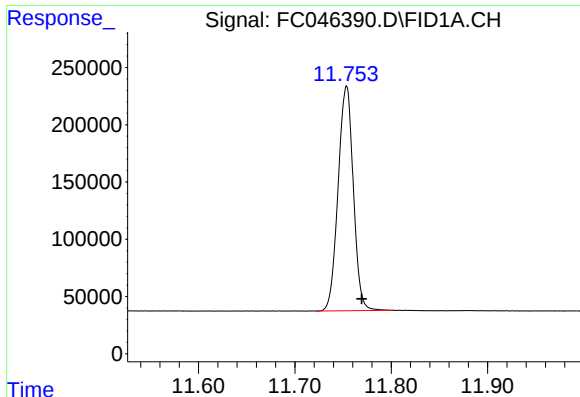
#7 n-Hexadecane (C16)

R.T.: 9.988 min
Delta R.T.: -0.011 min
Response: 2085742
Conc: 20.14 ug/ml



#8 n-Octadecane (C18)

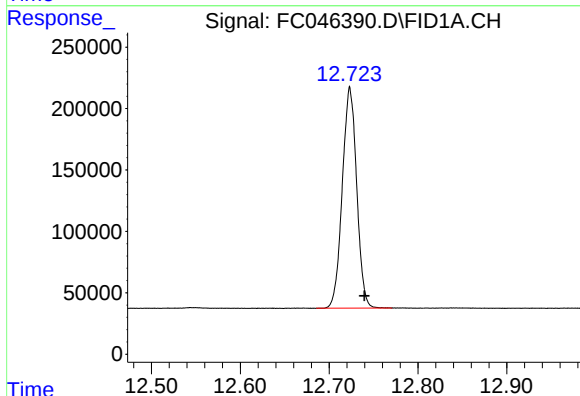
R.T.: 11.421 min
Delta R.T.: -0.015 min
Response: 2064490
Conc: 19.64 ug/ml



#9 ortho-Terphenyl (SURR)

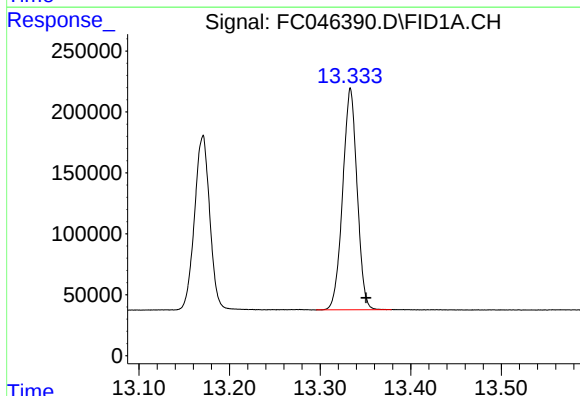
R.T.: 11.754 min
Delta R.T.: -0.016 min
Response: 2150899
Conc: 18.85 ug/ml

Instrument :
FID_C
ClientSampleId :



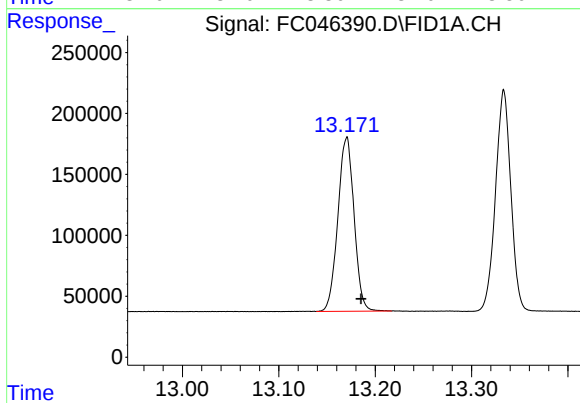
#10 n-Eicosane (C20)

R.T.: 12.723 min
Delta R.T.: -0.016 min
Response: 2024500
Conc: 19.15 ug/ml



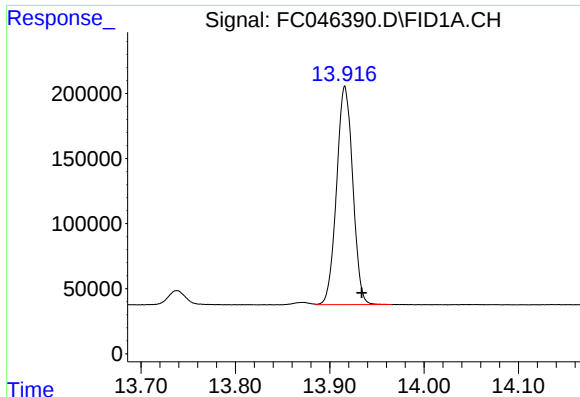
#11 n-Heneicosane (C21)

R.T.: 13.334 min
Delta R.T.: -0.017 min
Response: 2011444
Conc: 18.86 ug/ml



#12 1-chlorooctadecane (SURR)

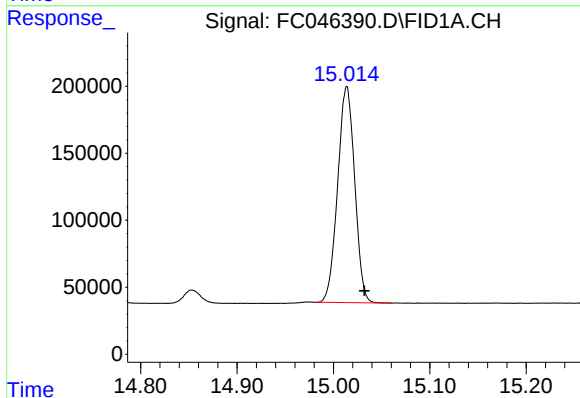
R.T.: 13.170 min
Delta R.T.: -0.015 min
Response: 1661494
Conc: 18.52 ug/ml



#13 n-Docosane (C22)

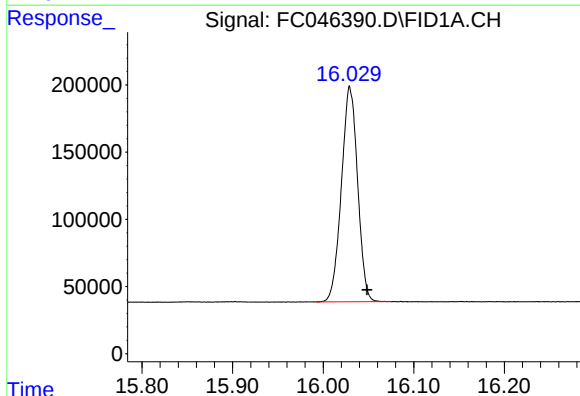
R.T.: 13.916 min
Delta R.T.: -0.018 min
Response: 2000625
Conc: 18.83 ug/ml

Instrument :
FID_C
ClientSampleId :



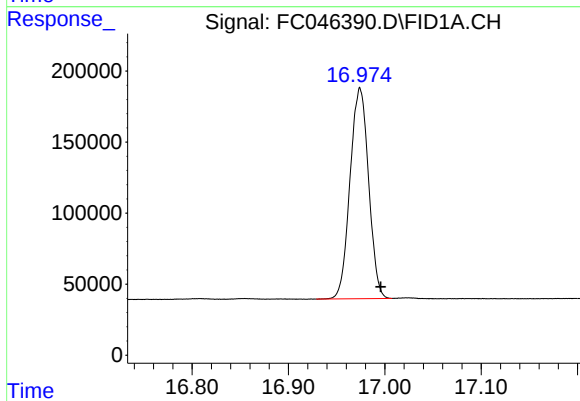
#14 n-Tetracosane (C24)

R.T.: 15.014 min
Delta R.T.: -0.018 min
Response: 1978194
Conc: 18.48 ug/ml



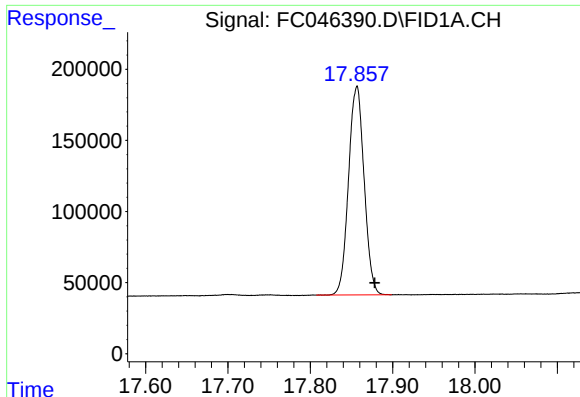
#15 n-Hexacosane (C26)

R.T.: 16.029 min
Delta R.T.: -0.019 min
Response: 1991085
Conc: 18.73 ug/ml



#16 n-Octacosane (C28)

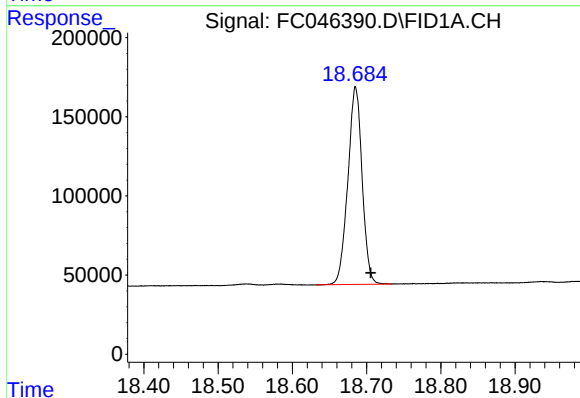
R.T.: 16.974 min
Delta R.T.: -0.021 min
Response: 1983288
Conc: 18.94 ug/ml



#17 n-Tricontane (C30)

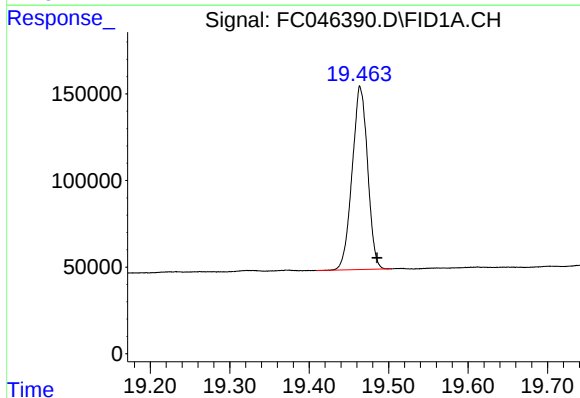
R.T.: 17.857 min
Delta R.T.: -0.022 min
Response: 1930459
Conc: 19.16 ug/ml

Instrument :
FID_C
ClientSampleId :



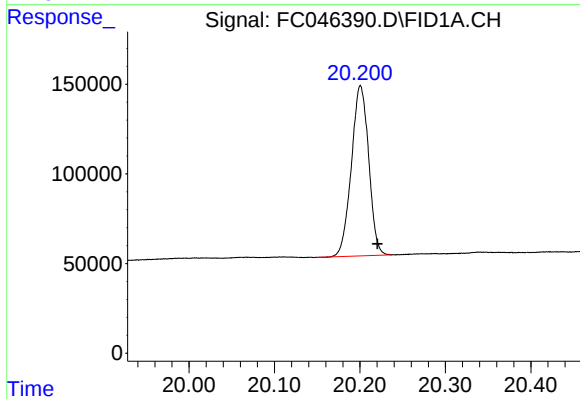
#18 n-Dotriacontane (C32)

R.T.: 18.685 min
Delta R.T.: -0.021 min
Response: 1665713
Conc: 19.46 ug/ml



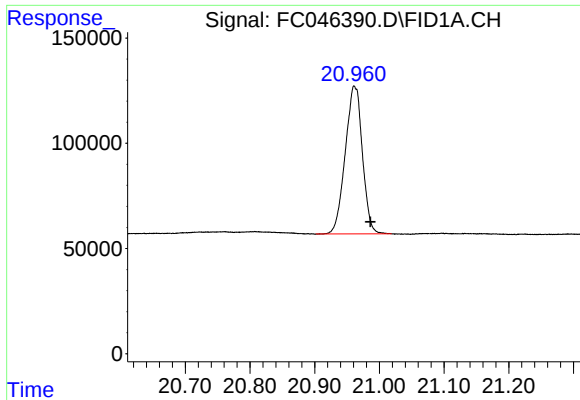
#19 n-Tetratriacontane (C34)

R.T.: 19.464 min
Delta R.T.: -0.021 min
Response: 1428572
Conc: 19.68 ug/ml



#20 n-Hexatriacontane (C36)

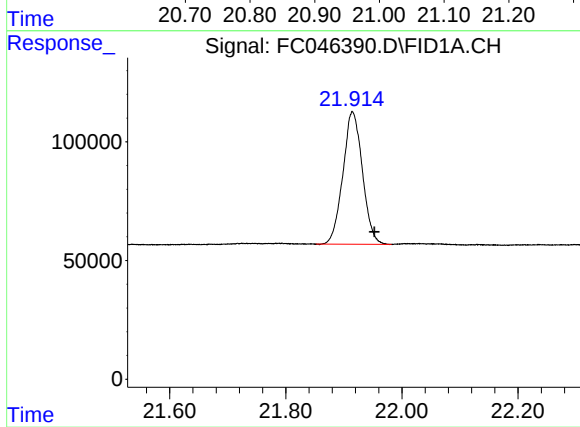
R.T.: 20.201 min
Delta R.T.: -0.020 min
Response: 1333856
Conc: 19.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.961 min
Delta R.T.: -0.025 min
Response: 1293869
Conc: 21.41 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.915 min
Delta R.T.: -0.038 min
Response: 1305831
Conc: 20.77 ug/ml