

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031020AL\
 Data File : FC046230.D
 Signal(s) : FID1A.CH
 Acq On : 10 Mar 2020 12:44
 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 11 02:08:31 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)	11.760	2119684	18.581 ug/ml
Spiked Amount 50.000		Recovery =	37.16%
12) S 1-chlorooctadecane (S...	13.176	1600849	17.845 ug/ml
Spiked Amount 50.000		Recovery =	35.69%
Target Compounds			
1) T n-Nonane (C9)	3.537	2070296	20.538 ug/ml
2) T n-Decane (C10)	4.606	2084619	20.668 ug/ml
3) T A~Naphthalene (C11.7)	6.207	2199760	19.811 ug/ml
4) T n-Dodecane (C12)	6.616	2110532	20.687 ug/ml
5) T A~2-methylnaphthalene...	7.258	2185052	19.643 ug/ml
6) T n-Tetradecane (C14)	8.401	2088947	20.406 ug/ml
7) T n-Hexadecane (C16)	9.993	2077274	20.063 ug/ml
8) T n-Octadecane (C18)	11.427	2063407	19.629 ug/ml
10) T n-Eicosane (C20)	12.729	2005187	18.969 ug/ml
11) T n-Heneicosane (C21)	13.339	1987972	18.639 ug/ml
13) T n-Docosane (C22)	13.922	1944232	18.297 ug/ml
14) T n-Tetracosane (C24)	15.020	1900319	17.756 ug/ml
15) T n-Hexacosane (C26)	16.036	1846448	17.373 ug/ml
16) T n-Octacosane (C28)	16.983	1789694	17.094 ug/ml
17) T n-Tricontane (C30)	17.866	1733437	17.202 ug/ml
18) T n-Dotriacontane (C32)	18.695	1484334	17.344 ug/ml
19) T n-Tetratriacontane (C34)	19.475	1289520	17.767 ug/ml
20) T n-Hexatriacontane (C36)	20.211	1209155	17.879 ug/ml
21) T n-Octatriacontane (C38)	20.976	1143086	18.912 ug/ml
22) T n-Tetracontane (C40)	21.932	1130844	17.987 ug/ml

(f)=RT Delta > 1/2 Window

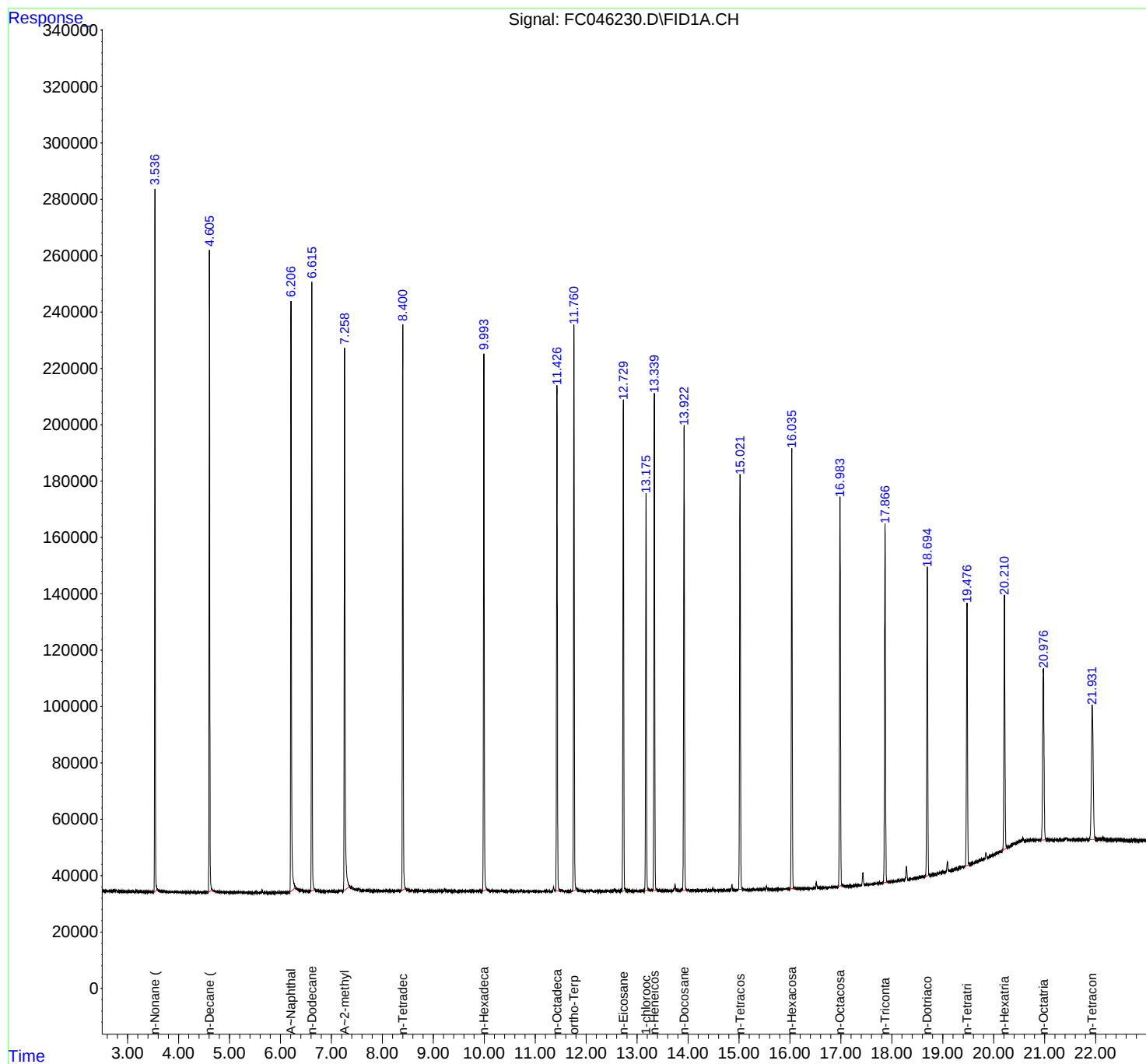
(m)=manual int.

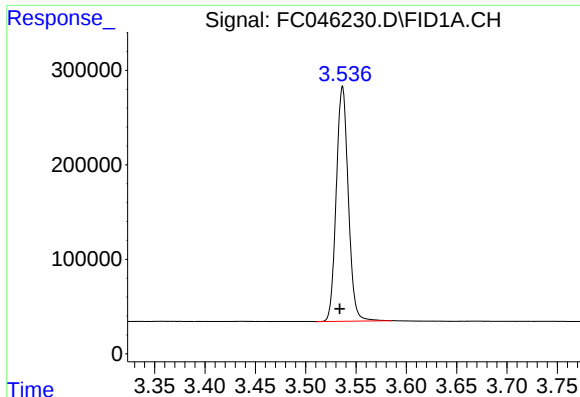
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031020AL\
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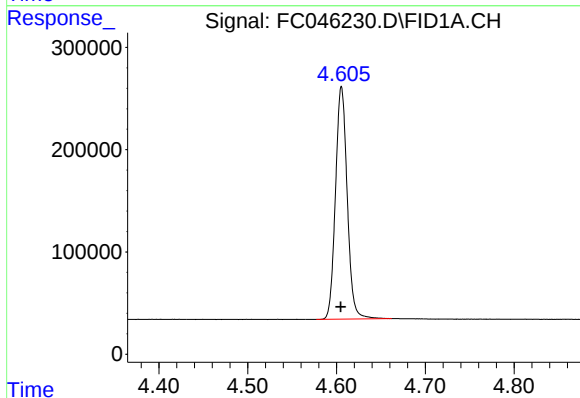




#1 n-Nonane (C9)

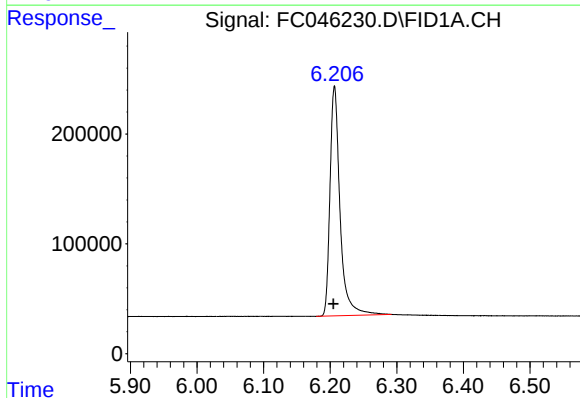
R.T.: 3.537 min
Delta R.T.: 0.003 min
Response: 2070296
Conc: 20.54 ug/ml

Instrument :
FID_C
ClientSampleId :



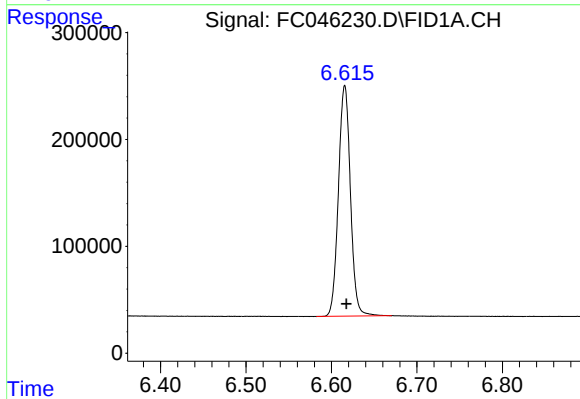
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 2084619
Conc: 20.67 ug/ml



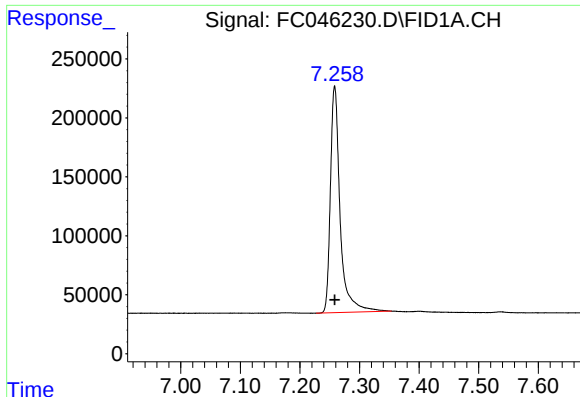
#3 A~Naphthalene (C11.7)

R.T.: 6.207 min
Delta R.T.: 0.002 min
Response: 2199760
Conc: 19.81 ug/ml



#4 n-Dodecane (C12)

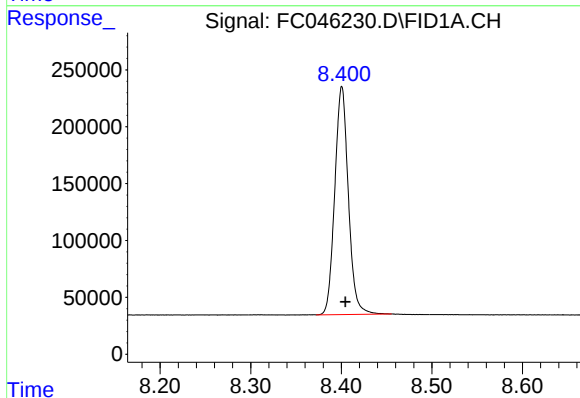
R.T.: 6.616 min
Delta R.T.: -0.002 min
Response: 2110532
Conc: 20.69 ug/ml



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

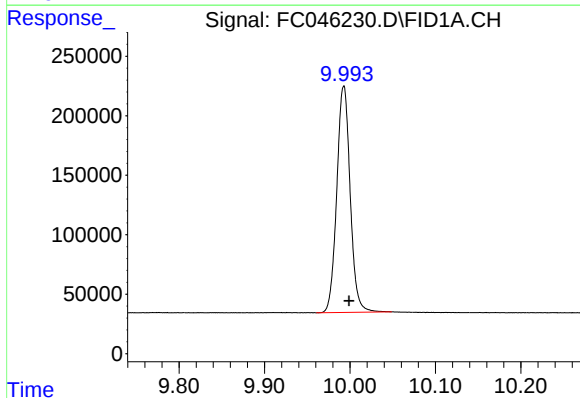
R.T.: 7.258 min
Delta R.T.: 0.000 min
Response: 2185052
Conc: 19.64 ug/ml

Instrument :
FID_C
ClientSampleId :



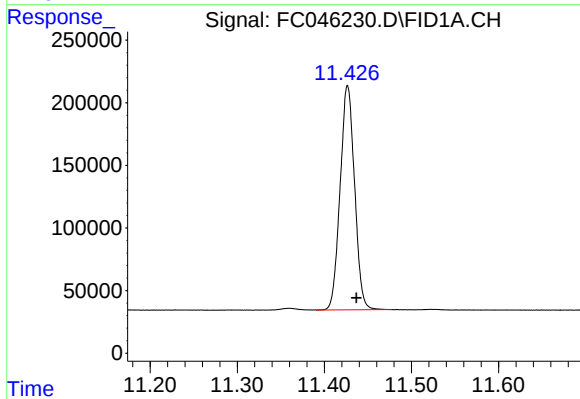
#6 n-Tetradecane (C14)

R.T.: 8.401 min
Delta R.T.: -0.004 min
Response: 2088947
Conc: 20.41 ug/ml



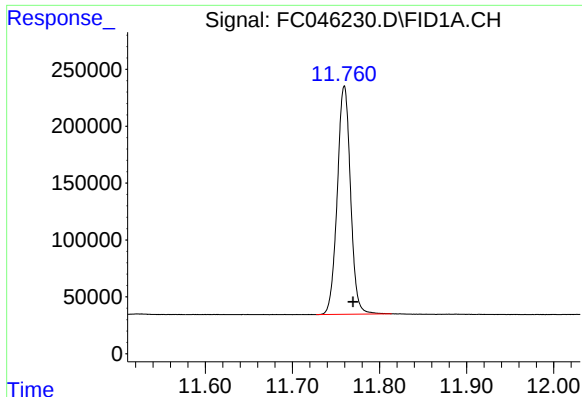
#7 n-Hexadecane (C16)

R.T.: 9.993 min
Delta R.T.: -0.006 min
Response: 2077274
Conc: 20.06 ug/ml



#8 n-Octadecane (C18)

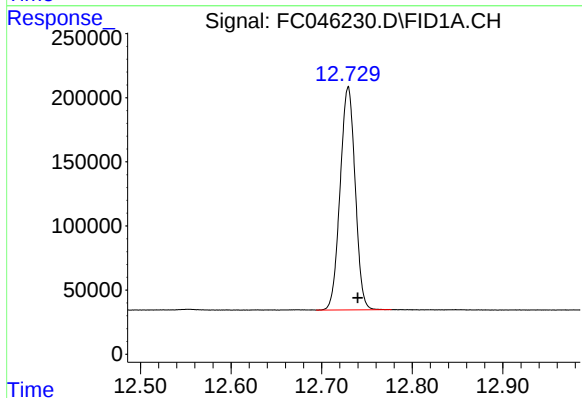
R.T.: 11.427 min
Delta R.T.: -0.010 min
Response: 2063407
Conc: 19.63 ug/ml



#9 ortho-Terphenyl (SURR)

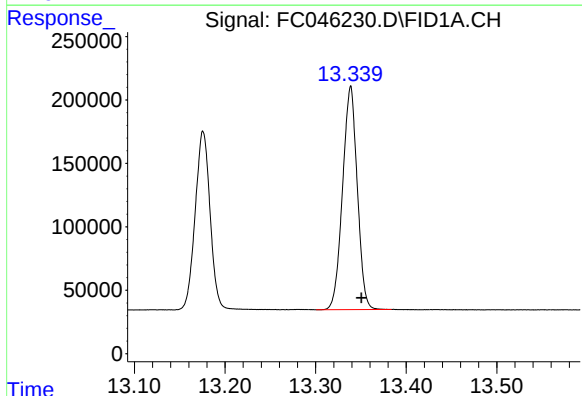
R.T.: 11.760 min
Delta R.T.: -0.010 min
Response: 2119684
Conc: 18.58 ug/ml

Instrument :
FID_C
ClientSampleId :



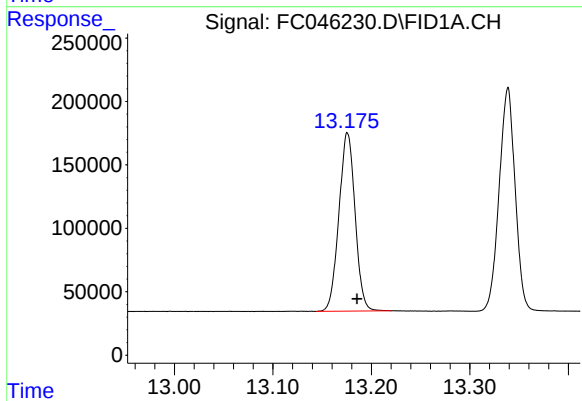
#10 n-Eicosane (C20)

R.T.: 12.729 min
Delta R.T.: -0.010 min
Response: 2005187
Conc: 18.97 ug/ml



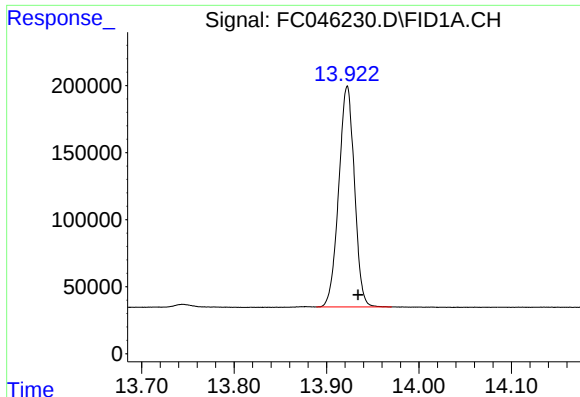
#11 n-Heneicosane (C21)

R.T.: 13.339 min
Delta R.T.: -0.012 min
Response: 1987972
Conc: 18.64 ug/ml



#12 1-chlorooctadecane (SURR)

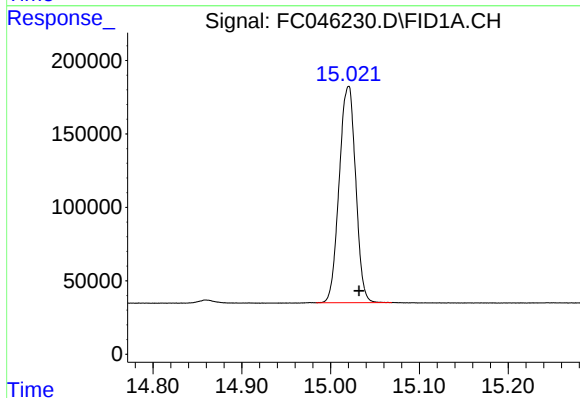
R.T.: 13.176 min
Delta R.T.: -0.010 min
Response: 1600849
Conc: 17.84 ug/ml



#13 n-Docosane (C22)

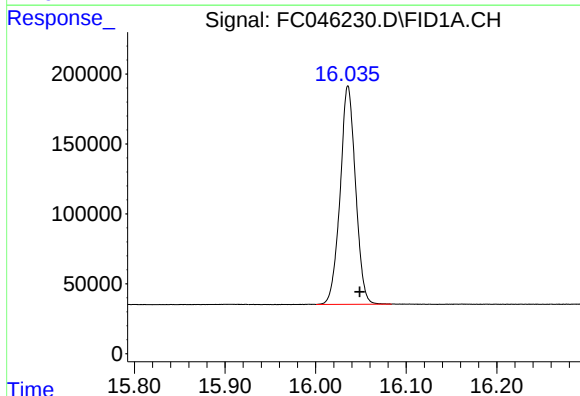
R.T.: 13.922 min
Delta R.T.: -0.012 min
Response: 1944232
Conc: 18.30 ug/ml

Instrument :
FID_C
ClientSampleId :



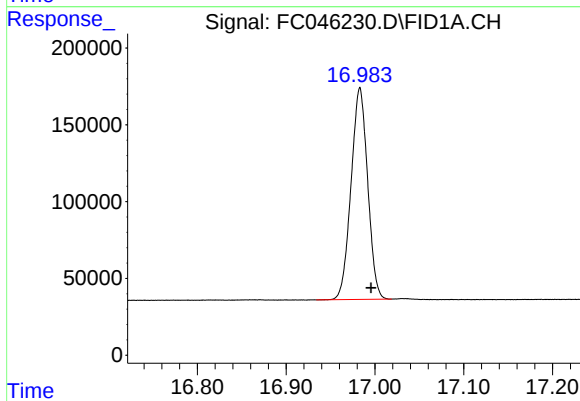
#14 n-Tetracosane (C24)

R.T.: 15.020 min
Delta R.T.: -0.012 min
Response: 1900319
Conc: 17.76 ug/ml



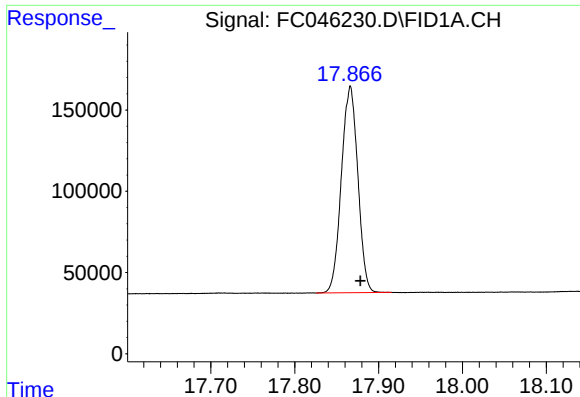
#15 n-Hexacosane (C26)

R.T.: 16.036 min
Delta R.T.: -0.013 min
Response: 1846448
Conc: 17.37 ug/ml



#16 n-Octacosane (C28)

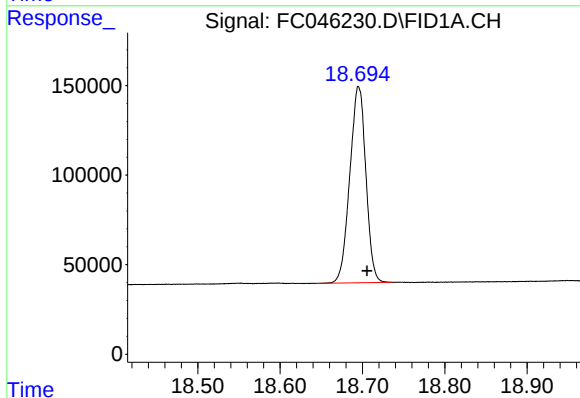
R.T.: 16.983 min
Delta R.T.: -0.013 min
Response: 1789694
Conc: 17.09 ug/ml



#17 n-Tricontane (C30)

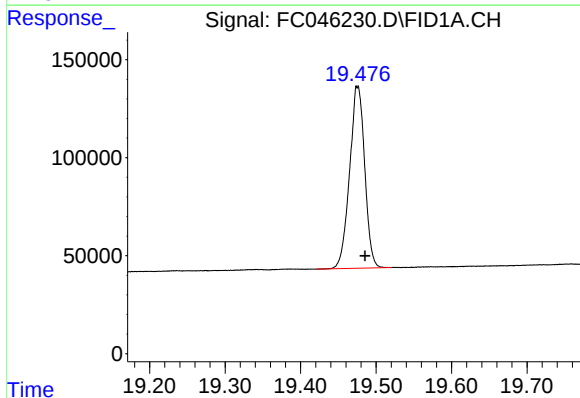
R.T.: 17.866 min
Delta R.T.: -0.012 min
Response: 1733437
Conc: 17.20 ug/ml

Instrument :
FID_C
ClientSampleId :



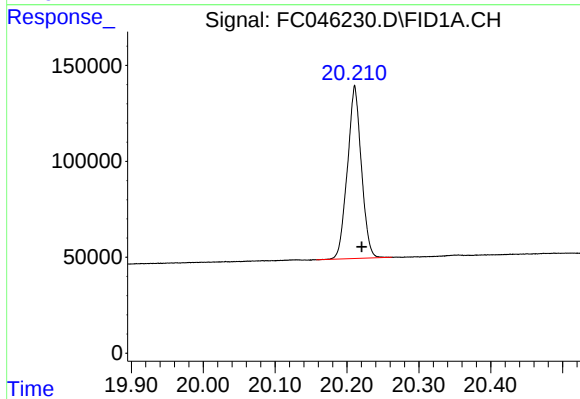
#18 n-Dotriacontane (C32)

R.T.: 18.695 min
Delta R.T.: -0.010 min
Response: 1484334
Conc: 17.34 ug/ml



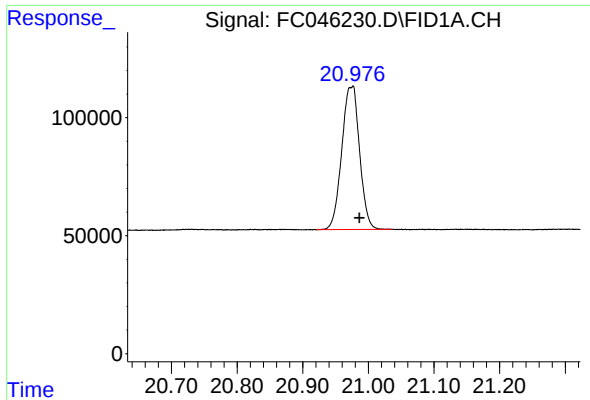
#19 n-Tetratriacontane (C34)

R.T.: 19.475 min
Delta R.T.: -0.010 min
Response: 1289520
Conc: 17.77 ug/ml



#20 n-Hexatriacontane (C36)

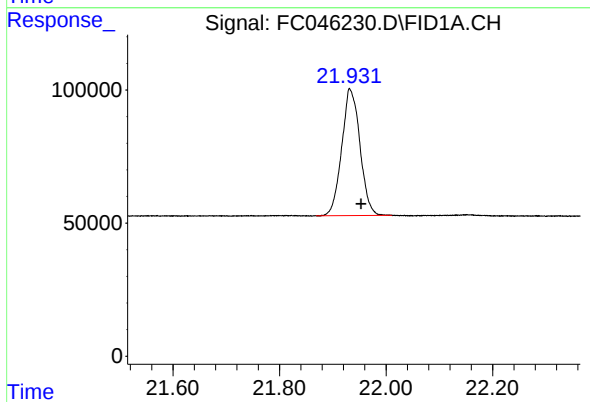
R.T.: 20.211 min
Delta R.T.: -0.010 min
Response: 1209155
Conc: 17.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.976 min
Delta R.T.: -0.010 min
Response: 1143086
Conc: 18.91 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.932 min
Delta R.T.: -0.021 min
Response: 1130844
Conc: 17.99 ug/ml