

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022322AL\
 Data File : FC058428.D
 Signal(s) : FID1A.CH
 Acq On : 23 Feb 2022 15:55
 Operator : UA/NP
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 23 16:27:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 16:13:42 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)	11.391	1554531	11.082 ug/ml
Spiked Amount 50.000		Recovery =	22.16%
12) S 1-chlorooctadecane (S...	12.825	1200885	10.979 ug/ml
Spiked Amount 50.000		Recovery =	21.96%
Target Compounds			
1) T n-Nonane (C9)	3.246	1276189	10.897 ug/ml
2) T n-Decane (C10)	4.296	1251703	10.744 ug/ml
3) T A~Naphthalene (C11.7)	5.855	1364898	10.466 ug/ml
4) T n-Dodecane (C12)	6.289	1309122	10.900 ug/ml
5) T A~2-methylnaphthalene...	6.900	1331832	10.059 ug/ml
6) T n-Tetradecane (C14)	8.067	1326249	10.827 ug/ml
7) T n-Hexadecane (C16)	9.654	1376602	10.994 ug/ml
8) T n-Octadecane (C18)	11.086	1400819	11.011 ug/ml
10) T n-Eicosane (C20)	12.386	1404645	11.128 ug/ml
11) T n-Heneicosane (C21)	12.994	1417757	11.218 ug/ml
13) T n-Docosane (C22)	13.577	1396892	11.144 ug/ml
14) T n-Tetracosane (C24)	14.673	1383007	11.201 ug/ml
15) T n-Hexacosane (C26)	15.689	1321907	11.098 ug/ml
16) T n-Octacosane (C28)	16.634	1274668	11.132 ug/ml
17) T n-Tricontane (C30)	17.517	1192049	11.016 ug/ml
18) T n-Dotriacontane (C32)	18.345	1115045	11.175 ug/ml
19) T n-Tetratriacontane (C34)	19.125	1042174	11.185 ug/ml
20) T n-Hexatriacontane (C36)	19.862	969483	11.186 ug/ml
21) T n-Octatriacontane (C38)	20.569	911606	10.902 ug/ml
22) T n-Tetracontane (C40)	21.394	923880	11.093 ug/ml

(f)=RT Delta > 1/2 Window

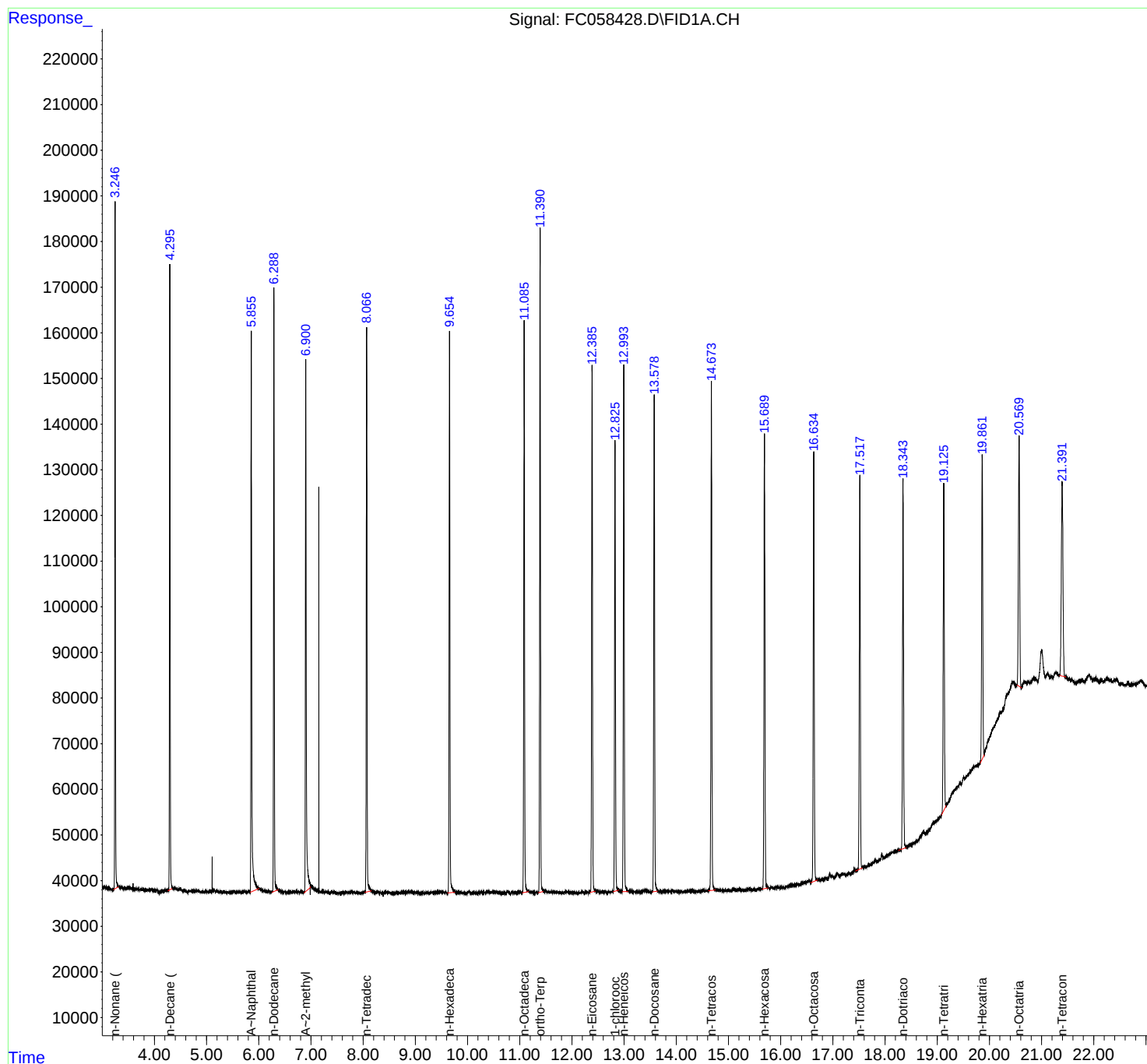
(m)=manual int.

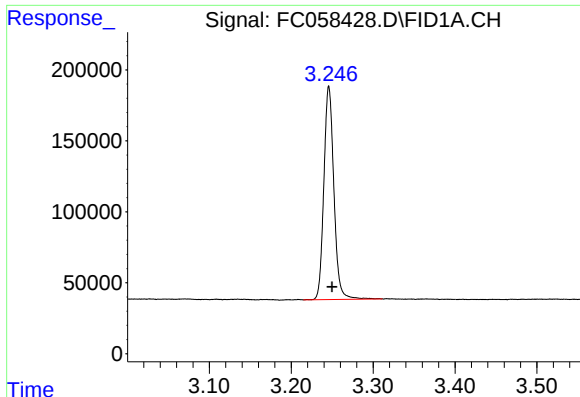
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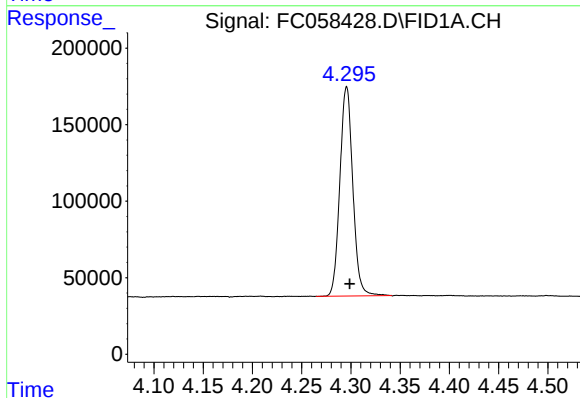




#1 n-Nonane (C9)

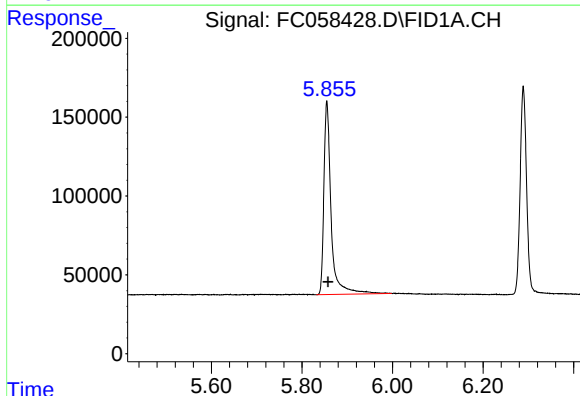
R.T.: 3.246 min
Delta R.T.: -0.004 min
Response: 1276189
Conc: 10.90 ug/ml

Instrument :
FID_C
ClientSampleId :



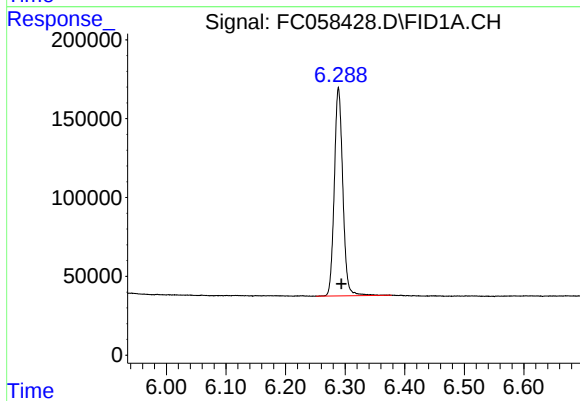
#2 n-Decane (C10)

R.T.: 4.296 min
Delta R.T.: -0.003 min
Response: 1251703
Conc: 10.74 ug/ml



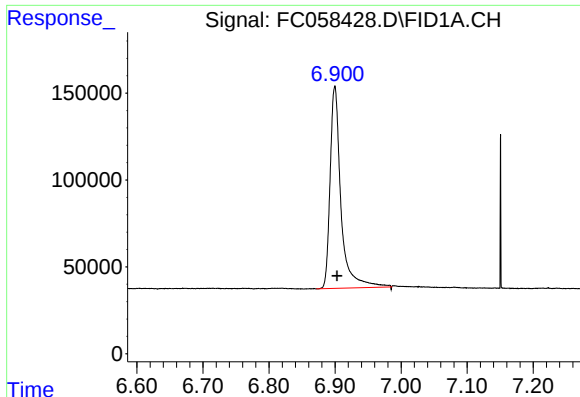
#3 A~Naphthalene (C11.7)

R.T.: 5.855 min
Delta R.T.: -0.003 min
Response: 1364898
Conc: 10.47 ug/ml



#4 n-Dodecane (C12)

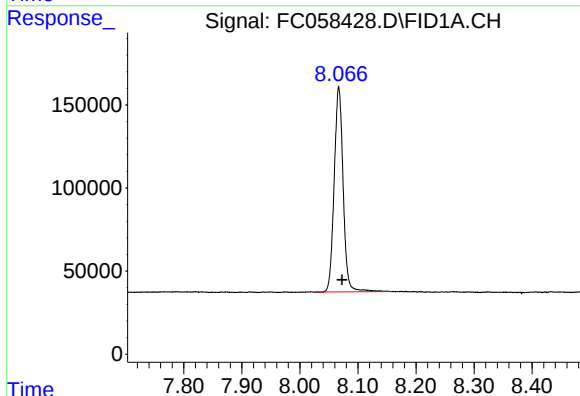
R.T.: 6.289 min
Delta R.T.: -0.005 min
Response: 1309122
Conc: 10.90 ug/ml



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

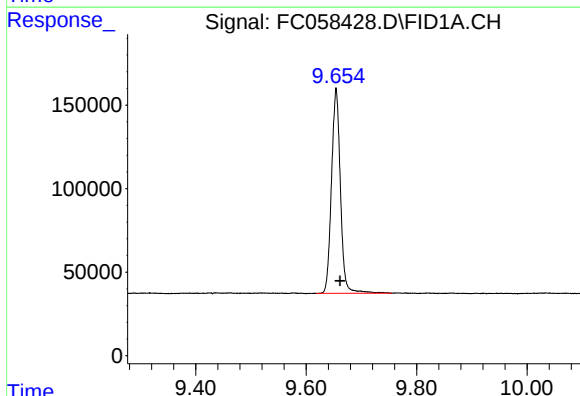
R.T.: 6.900 min
Delta R.T.: -0.004 min
Response: 1331832
Conc: 10.06 ug/ml

Instrument :
FID_C
ClientSampleId :



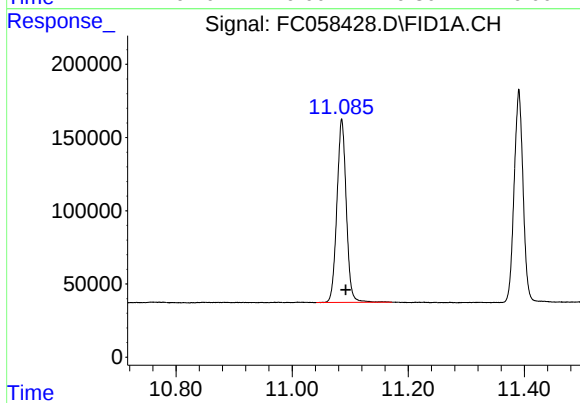
#6 n-Tetradecane (C14)

R.T.: 8.067 min
Delta R.T.: -0.006 min
Response: 1326249
Conc: 10.83 ug/ml



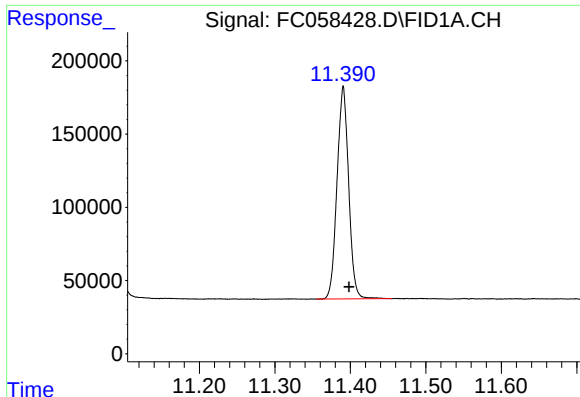
#7 n-Hexadecane (C16)

R.T.: 9.654 min
Delta R.T.: -0.007 min
Response: 1376602
Conc: 10.99 ug/ml



#8 n-Octadecane (C18)

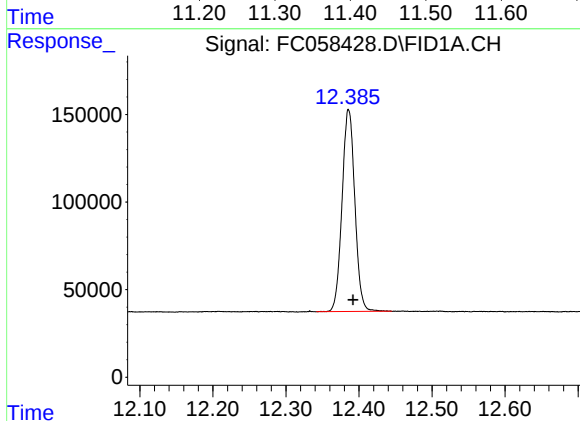
R.T.: 11.086 min
Delta R.T.: -0.007 min
Response: 1400819
Conc: 11.01 ug/ml



#9 ortho-Terphenyl (SURR)

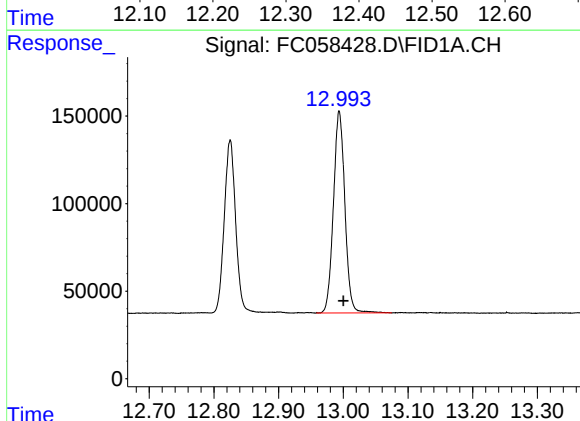
R.T.: 11.391 min
Delta R.T.: -0.008 min
Response: 1554531
Conc: 11.08 ug/ml

Instrument :
FID_C
ClientSampleId :



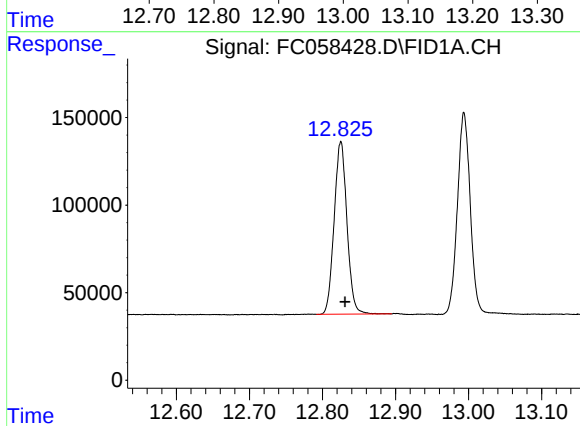
#10 n-Eicosane (C20)

R.T.: 12.386 min
Delta R.T.: -0.006 min
Response: 1404645
Conc: 11.13 ug/ml



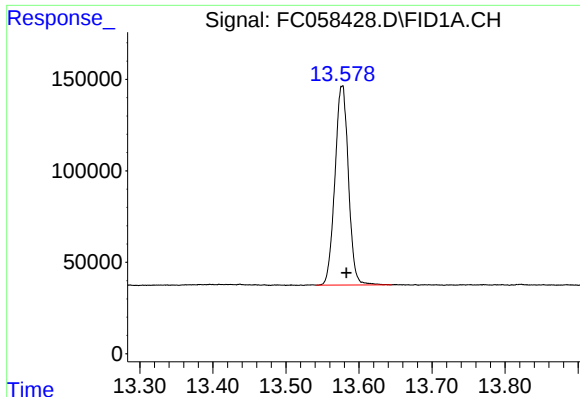
#11 n-Heneicosane (C21)

R.T.: 12.994 min
Delta R.T.: -0.006 min
Response: 1417757
Conc: 11.22 ug/ml



#12 1-chlorooctadecane (SURR)

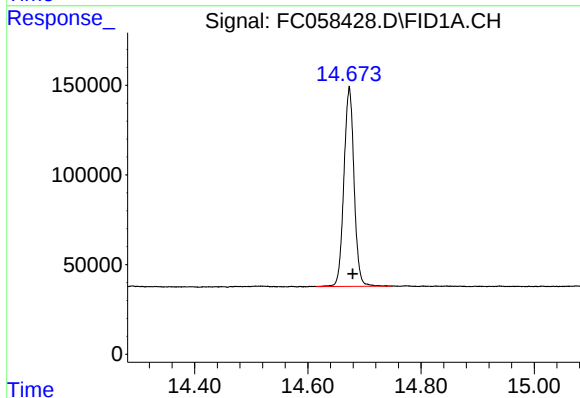
R.T.: 12.825 min
Delta R.T.: -0.006 min
Response: 1200885
Conc: 10.98 ug/ml



#13 n-Docosane (C22)

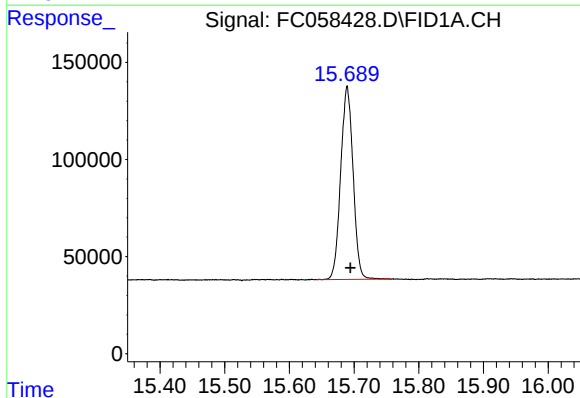
R.T.: 13.577 min
Delta R.T.: -0.006 min
Response: 1396892
Conc: 11.14 ug/ml

Instrument :
FID_C
ClientSampleId :



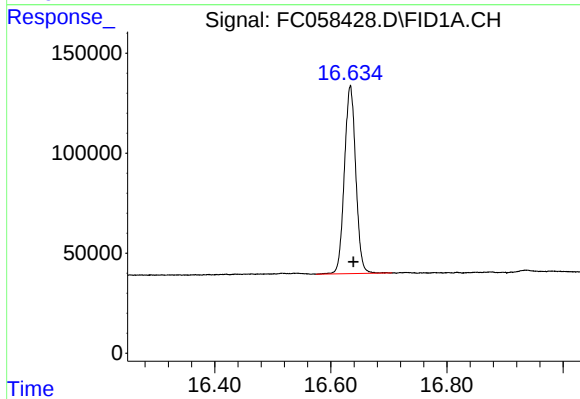
#14 n-Tetracosane (C24)

R.T.: 14.673 min
Delta R.T.: -0.006 min
Response: 1383007
Conc: 11.20 ug/ml



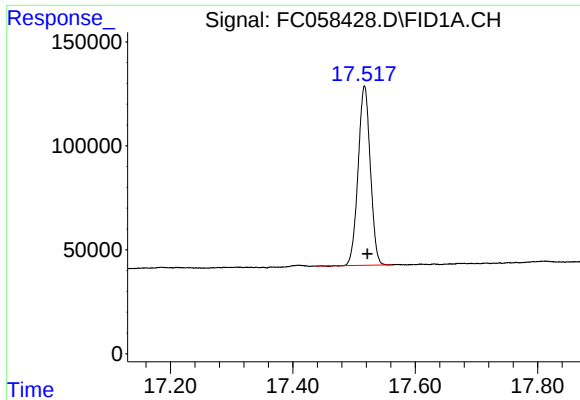
#15 n-Hexacosane (C26)

R.T.: 15.689 min
Delta R.T.: -0.005 min
Response: 1321907
Conc: 11.10 ug/ml



#16 n-Octacosane (C28)

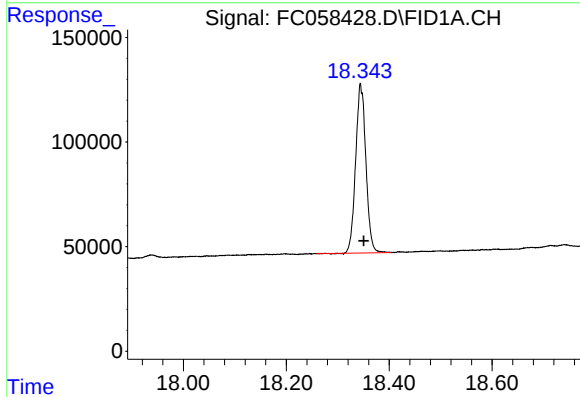
R.T.: 16.634 min
Delta R.T.: -0.006 min
Response: 1274668
Conc: 11.13 ug/ml



#17 n-Tricontane (C30)

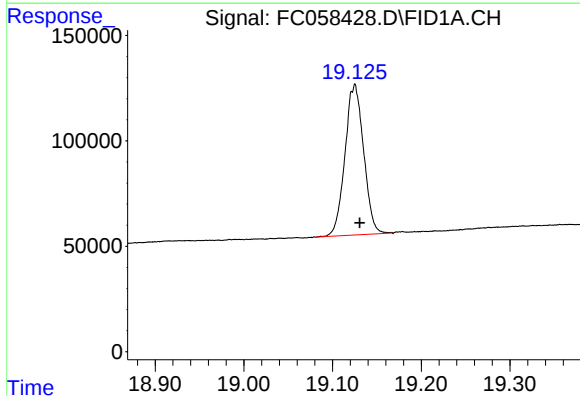
R.T.: 17.517 min
Delta R.T.: -0.005 min
Response: 1192049
Conc: 11.02 ug/ml

Instrument :
FID_C
ClientSampleId :



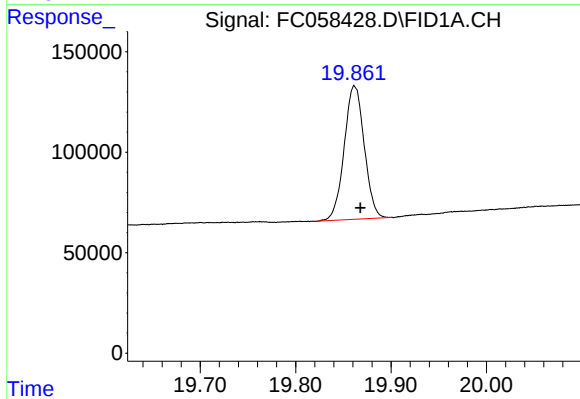
#18 n-Dotriacontane (C32)

R.T.: 18.345 min
Delta R.T.: -0.006 min
Response: 1115045
Conc: 11.18 ug/ml



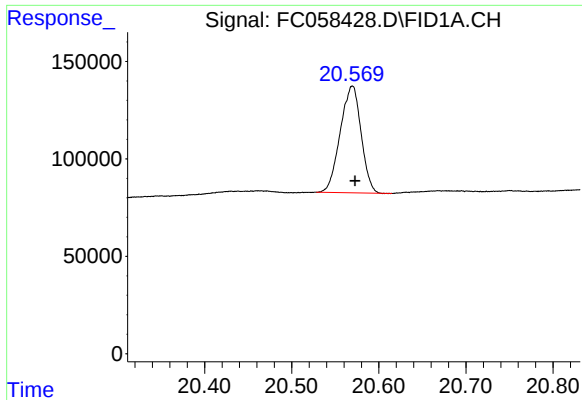
#19 n-Tetratriacontane (C34)

R.T.: 19.125 min
Delta R.T.: -0.006 min
Response: 1042174
Conc: 11.19 ug/ml



#20 n-Hexatriacontane (C36)

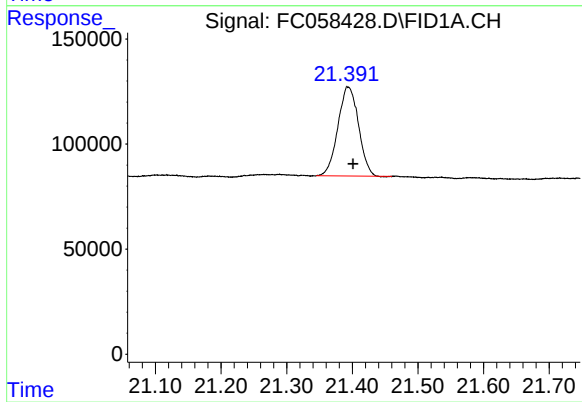
R.T.: 19.862 min
Delta R.T.: -0.006 min
Response: 969483
Conc: 11.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.569 min
Delta R.T.: -0.003 min
Response: 911606
Conc: 10.90 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.394 min
Delta R.T.: -0.008 min
Response: 923880
Conc: 11.09 ug/ml