

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011921AL\
 Data File : FC051761.D
 Signal(s) : FID1A.CH
 Acq On : 19 Jan 2021 23:55
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 20 00:50:57 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 011921.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 20 00:48:48 2021
 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)	11.691	2416817	18.944 ug/ml
Spiked Amount 50.000		Recovery =	37.89%
12) S 1-chlorooctadecane (S...	13.123	1976167	19.185 ug/ml
Spiked Amount 50.000		Recovery =	38.37%
Target Compounds			
1) T n-Nonane (C9)	3.442	2148835	19.602 ug/ml
2) T n-Decane (C10)	4.511	2163965	19.580 ug/ml
3) T A~Naphthalene (C11.7)	6.103	2418044	19.393 ug/ml
4) T n-Dodecane (C12)	6.531	2201522	19.545 ug/ml
5) T A~2-methylnaphthalene...	7.160	2476004	19.371 ug/ml
6) T n-Tetradecane (C14)	8.326	2222251	19.511 ug/ml
7) T n-Hexadecane (C16)	9.927	2275243	20.028 ug/ml
8) T n-Octadecane (C18)	11.369	2324325	19.498 ug/ml
10) T n-Eicosane (C20)	12.679	2346043	19.394 ug/ml
11) T n-Heneicosane (C21)	13.290	2390882	19.680 ug/ml
13) T n-Docosane (C22)	13.877	2370540	19.492 ug/ml
14) T n-Tetracosane (C24)	14.980	2365001	19.406 ug/ml
15) T n-Hexacosane (C26)	16.000	2335033	19.508 ug/ml
16) T n-Octacosane (C28)	16.949	2199016	18.796 ug/ml
17) T n-Tricontane (C30)	17.837	2163724	19.271 ug/ml
18) T n-Dotriacontane (C32)	18.671	2009636	19.422 ug/ml
19) T n-Tetratriacontane (C34)	19.453	1794747	18.963 ug/ml
20) T n-Hexatriacontane (C36)	20.192	1695513	19.471 ug/ml
21) T n-Octatriacontane (C38)	20.948	1623182	19.777 ug/ml
22) T n-Tetracontane (C40)	21.894	1620673	18.970 ug/ml

(f)=RT Delta > 1/2 Window

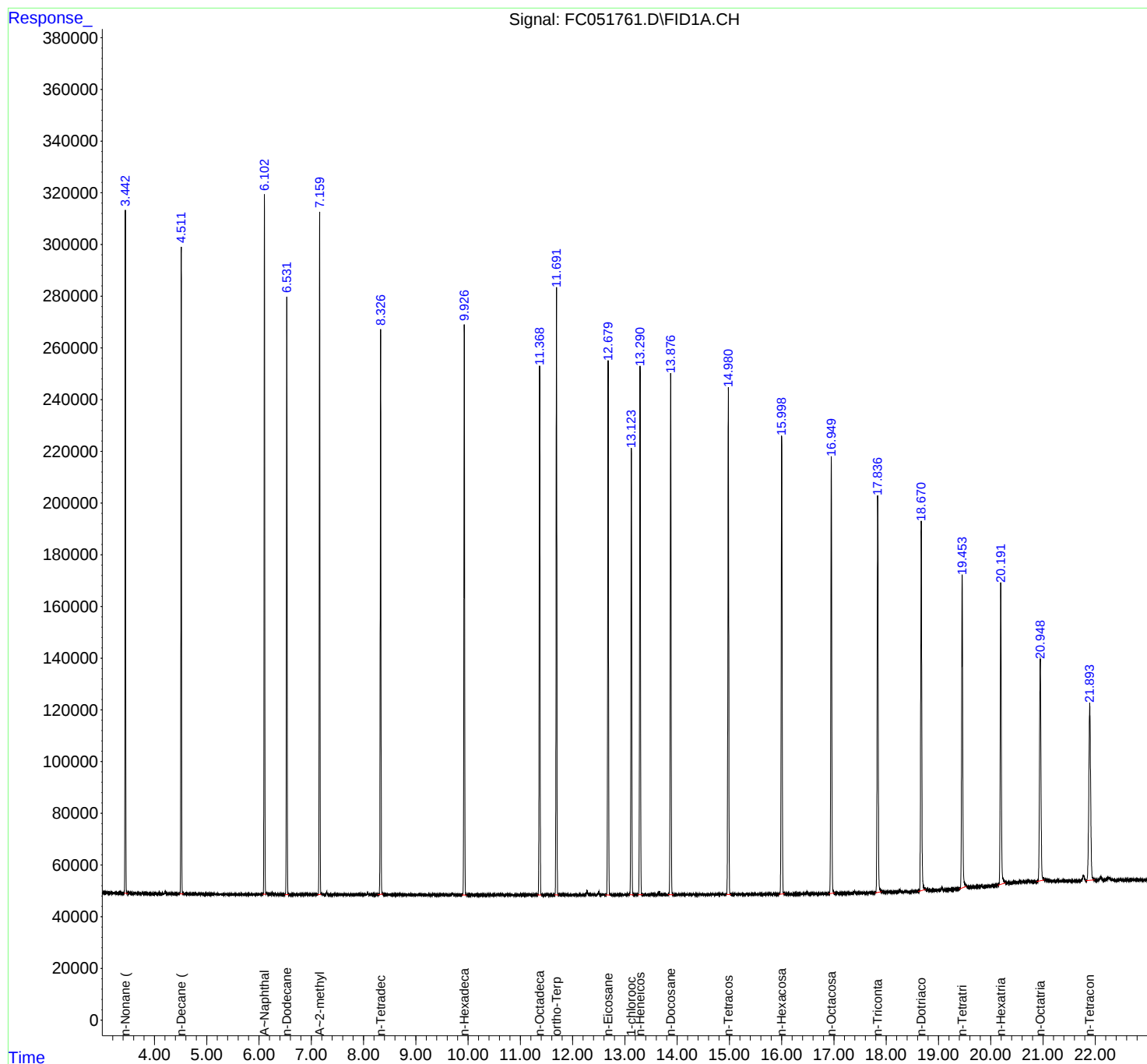
(m)=manual int.

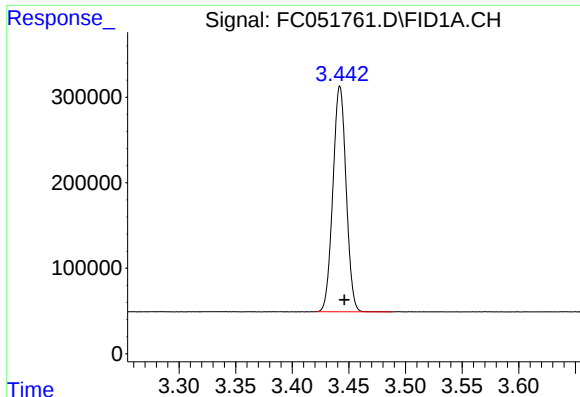
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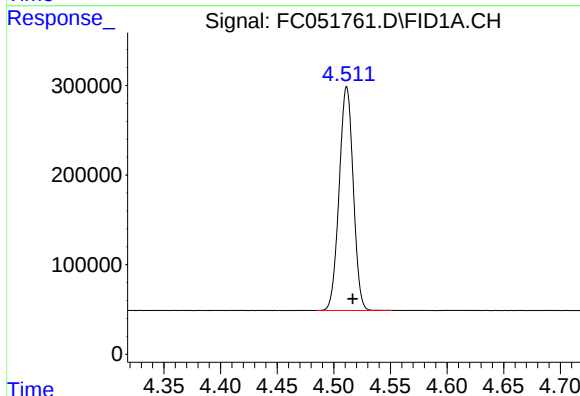




#1 n-Nonane (C9)

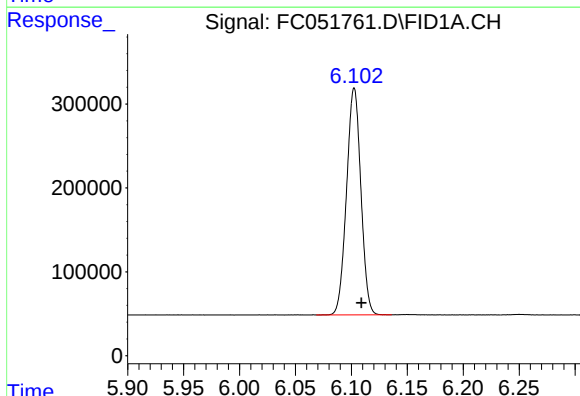
R.T.: 3.442 min
Delta R.T.: -0.004 min
Response: 2148835
Conc: 19.60 ug/ml

Instrument :
FID_C
ClientSampleId :



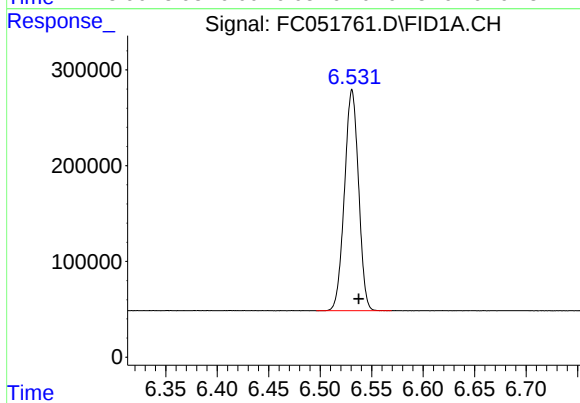
#2 n-Decane (C10)

R.T.: 4.511 min
Delta R.T.: -0.005 min
Response: 2163965
Conc: 19.58 ug/ml



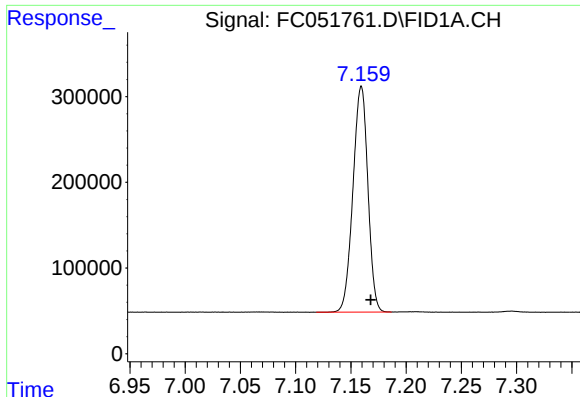
#3 A~Naphthalene (C11.7)

R.T.: 6.103 min
Delta R.T.: -0.006 min
Response: 2418044
Conc: 19.39 ug/ml



#4 n-Dodecane (C12)

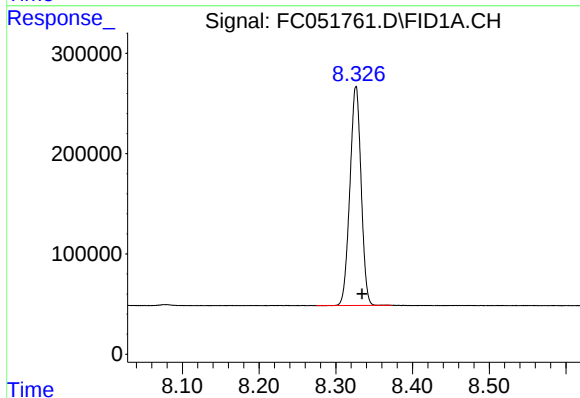
R.T.: 6.531 min
Delta R.T.: -0.006 min
Response: 2201522
Conc: 19.55 ug/ml



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

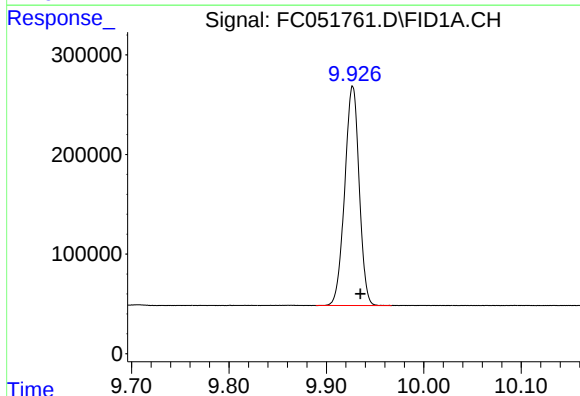
R.T.: 7.160 min
Delta R.T.: -0.008 min
Response: 2476004
Conc: 19.37 ug/ml

Instrument :
FID_C
ClientSampleId :



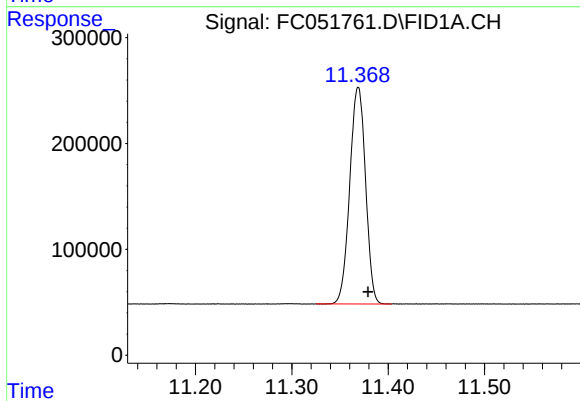
#6 n-Tetradecane (C14)

R.T.: 8.326 min
Delta R.T.: -0.008 min
Response: 2222251
Conc: 19.51 ug/ml



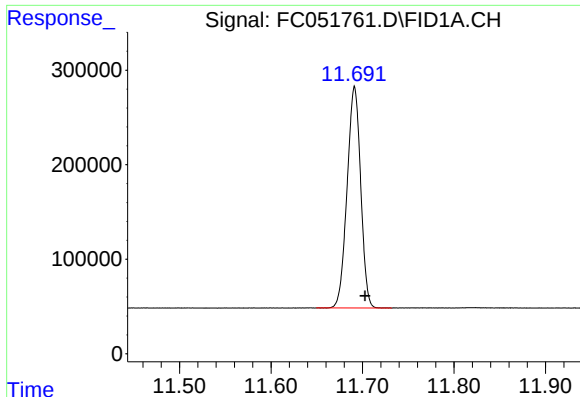
#7 n-Hexadecane (C16)

R.T.: 9.927 min
Delta R.T.: -0.008 min
Response: 2275243
Conc: 20.03 ug/ml



#8 n-Octadecane (C18)

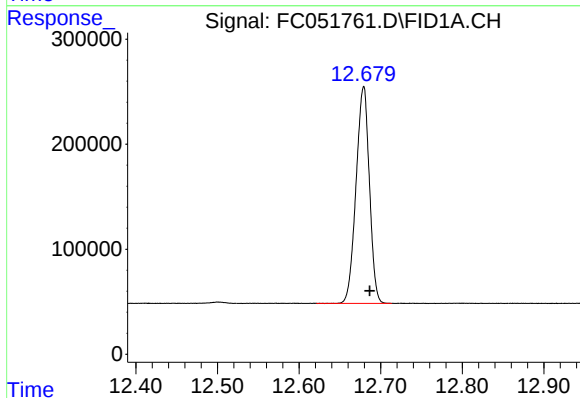
R.T.: 11.369 min
Delta R.T.: -0.010 min
Response: 2324325
Conc: 19.50 ug/ml



#9 ortho-Terphenyl (SURR)

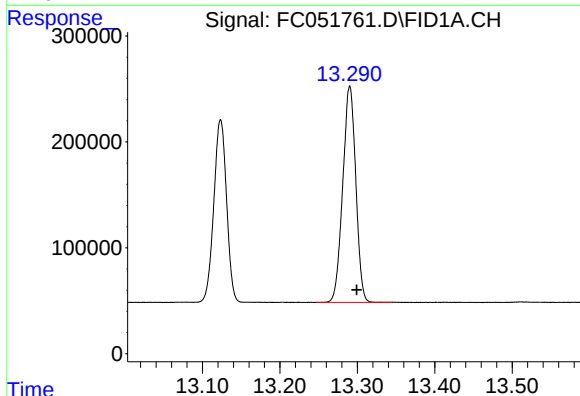
R.T.: 11.691 min
Delta R.T.: -0.012 min
Response: 2416817
Conc: 18.94 ug/ml

Instrument :
FID_C
ClientSampleId :



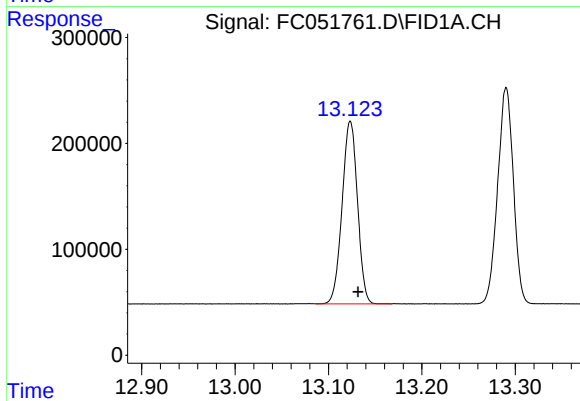
#10 n-Eicosane (C20)

R.T.: 12.679 min
Delta R.T.: -0.007 min
Response: 2346043
Conc: 19.39 ug/ml



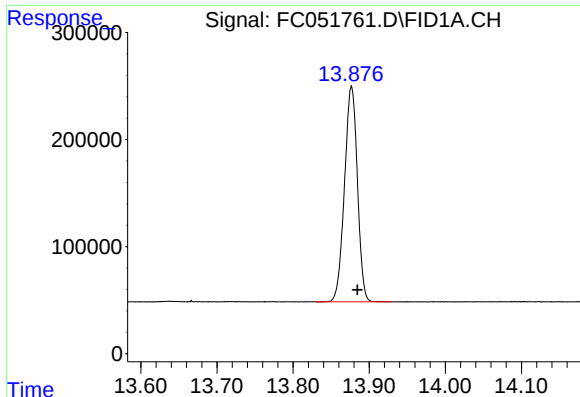
#11 n-Heneicosane (C21)

R.T.: 13.290 min
Delta R.T.: -0.009 min
Response: 2390882
Conc: 19.68 ug/ml



#12 1-chlorooctadecane (SURR)

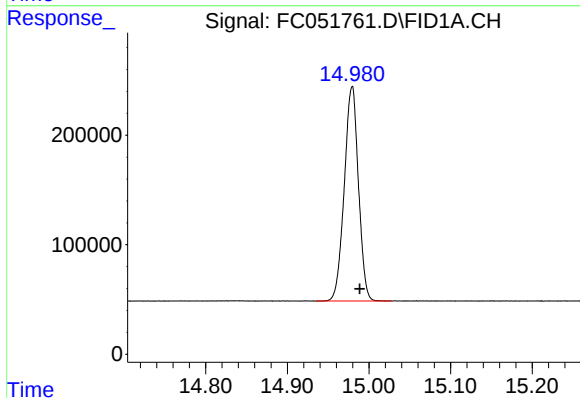
R.T.: 13.123 min
Delta R.T.: -0.009 min
Response: 1976167
Conc: 19.19 ug/ml



#13 n-Docosane (C22)

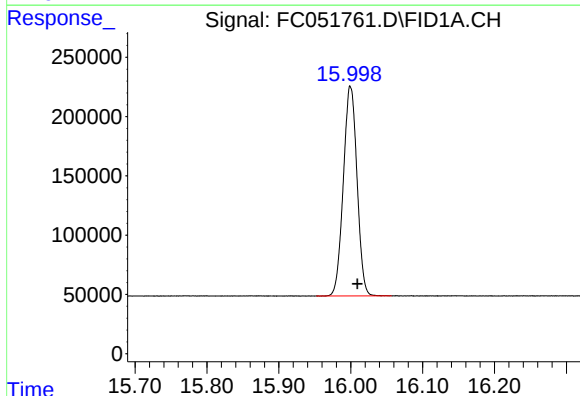
R.T.: 13.877 min
Delta R.T.: -0.008 min
Response: 2370540
Conc: 19.49 ug/ml

Instrument :
FID_C
ClientSampleId :



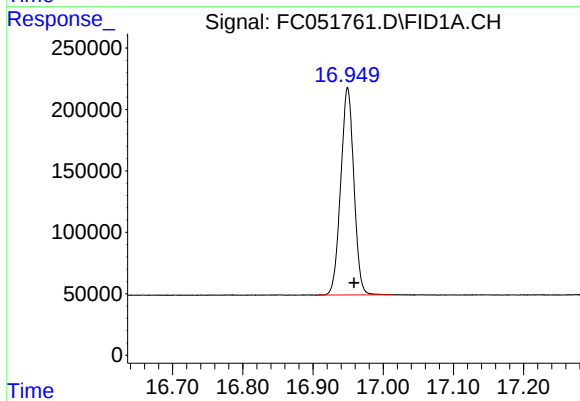
#14 n-Tetracosane (C24)

R.T.: 14.980 min
Delta R.T.: -0.009 min
Response: 2365001
Conc: 19.41 ug/ml



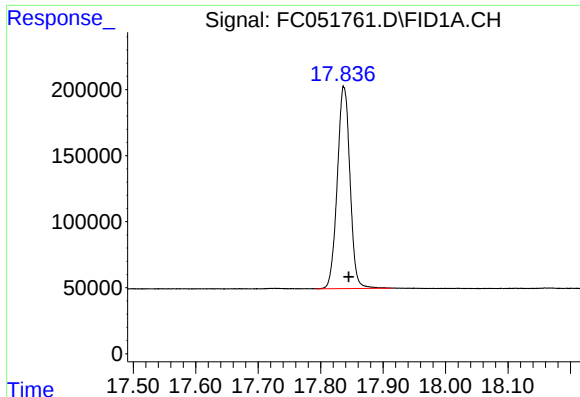
#15 n-Hexacosane (C26)

R.T.: 16.000 min
Delta R.T.: -0.009 min
Response: 2335033
Conc: 19.51 ug/ml



#16 n-Octacosane (C28)

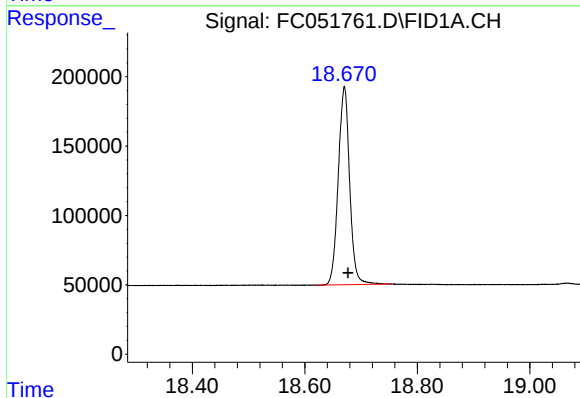
R.T.: 16.949 min
Delta R.T.: -0.009 min
Response: 2199016
Conc: 18.80 ug/ml



#17 n-Tricontane (C30)

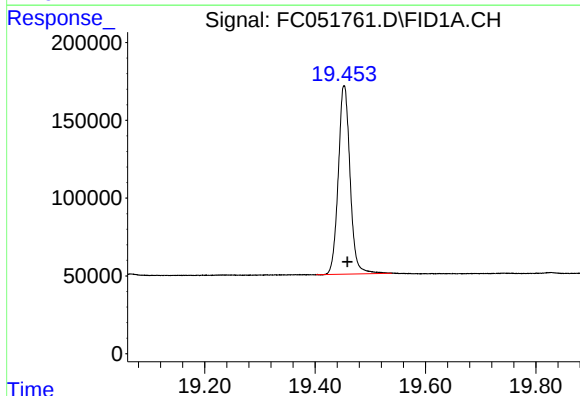
R.T.: 17.837 min
Delta R.T.: -0.008 min
Response: 2163724
Conc: 19.27 ug/ml

Instrument :
FID_C
ClientSampleId :



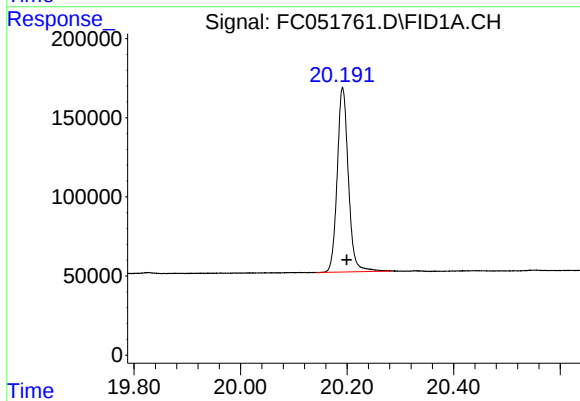
#18 n-Dotriacontane (C32)

R.T.: 18.671 min
Delta R.T.: -0.006 min
Response: 2009636
Conc: 19.42 ug/ml



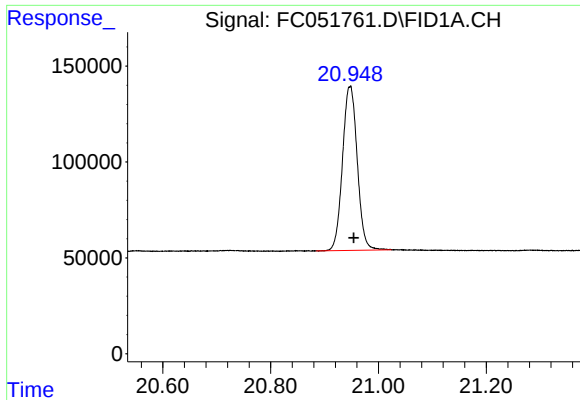
#19 n-Tetratriacontane (C34)

R.T.: 19.453 min
Delta R.T.: -0.006 min
Response: 1794747
Conc: 18.96 ug/ml



#20 n-Hexatriacontane (C36)

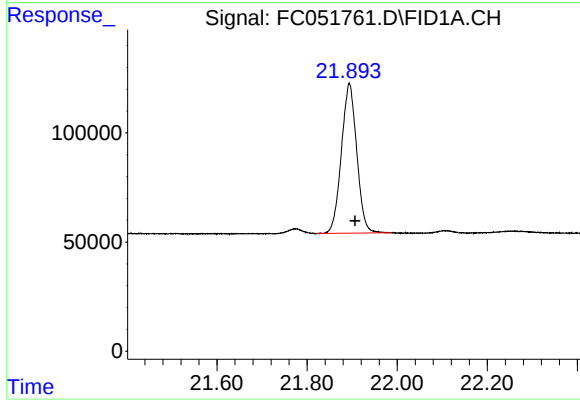
R.T.: 20.192 min
Delta R.T.: -0.008 min
Response: 1695513
Conc: 19.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.948 min
Delta R.T.: -0.007 min
Response: 1623182
Conc: 19.78 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.894 min
Delta R.T.: -0.013 min
Response: 1620673
Conc: 18.97 ug/ml