

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012420AL\
 Data File : FC045452.D
 Signal(s) : FID1A.CH
 Acq On : 24 Jan 2020 14:02
 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 25 01:20:40 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 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	2356839	21.440 ug/ml
Spiked Amount 50.000		Recovery =	42.88%
12) S 1-chlorooctadecane (S...	13.176	1848932	21.266 ug/ml
Spiked Amount 50.000		Recovery =	42.53%
Target Compounds			
1) T n-Nonane (C9)	3.514	2106262	21.776 ug/ml
2) T n-Decane (C10)	4.586	2125452	21.945 ug/ml
3) T A~Naphthalene (C11.7)	6.186	2341306	21.921 ug/ml
4) T n-Dodecane (C12)	6.601	2154471	22.038 ug/ml
5) T A~2-methylnaphthalene...	7.239	2367539	22.086 ug/ml
6) T n-Tetradecane (C14)	8.391	2170655	22.027 ug/ml
7) T n-Hexadecane (C16)	9.986	2188714	21.862 ug/ml
8) T n-Octadecane (C18)	11.424	2199419	21.594 ug/ml
10) T n-Eicosane (C20)	12.729	2191932	21.373 ug/ml
11) T n-Heneicosane (C21)	13.339	2200356	21.258 ug/ml
13) T n-Docosane (C22)	13.925	2182756	21.155 ug/ml
14) T n-Tetracosane (C24)	15.024	2185200	21.029 ug/ml
15) T n-Hexacosane (C26)	16.042	2160343	20.910 ug/ml
16) T n-Octacosane (C28)	16.990	2125643	20.797 ug/ml
17) T n-Tricontane (C30)	17.873	2037816	20.758 ug/ml
18) T n-Dotriacontane (C32)	18.702	1711856	20.573 ug/ml
19) T n-Tetratriacontane (C34)	19.483	1425024	20.137 ug/ml
20) T n-Hexatriacontane (C36)	20.219	1261710	19.678 ug/ml
21) T n-Octatriacontane (C38)	20.987	1141649	19.519 ug/ml
22) T n-Tetracontane (C40)	21.950	1139562	19.317 ug/ml

(f)=RT Delta > 1/2 Window

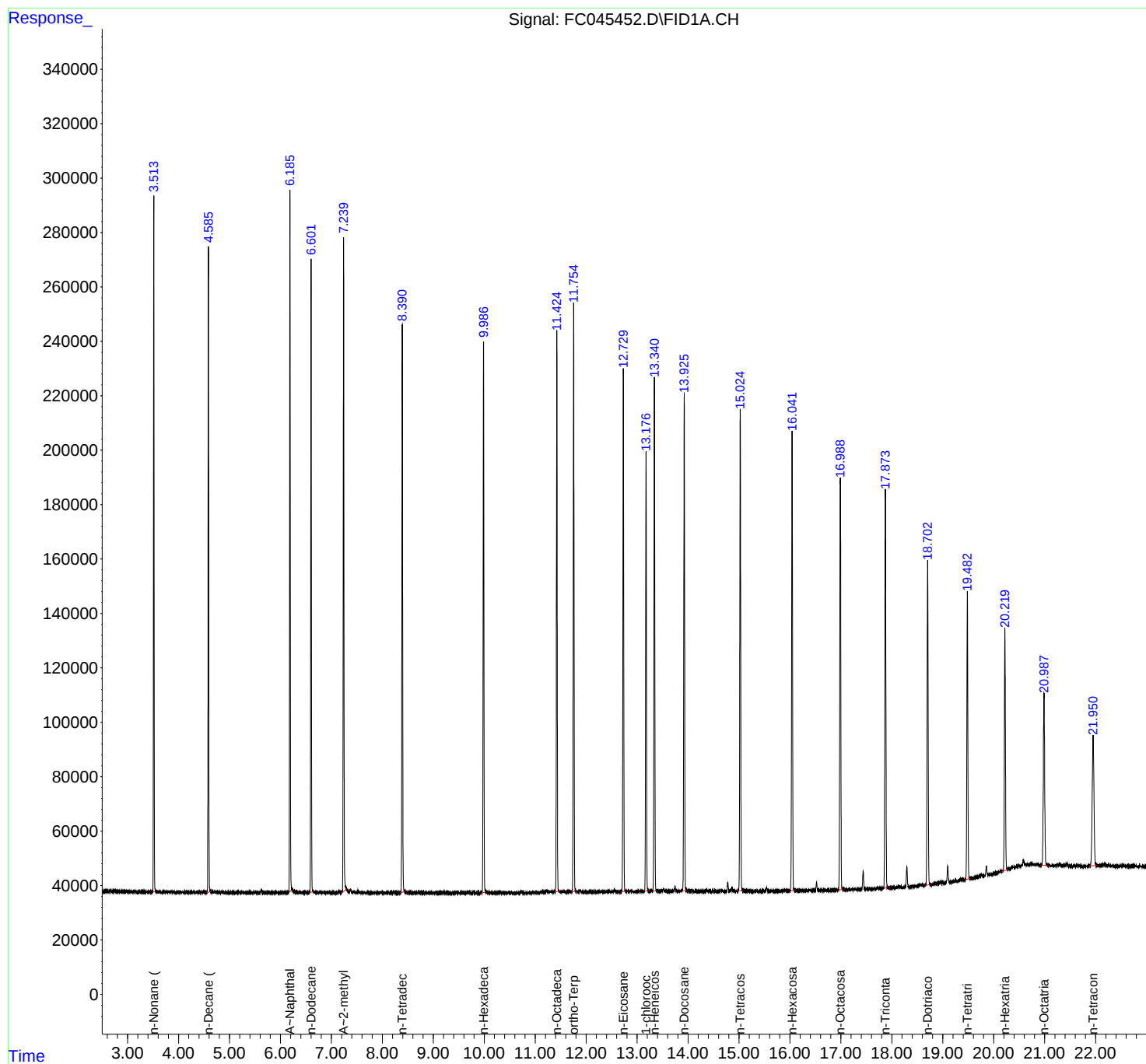
(m)=manual int.

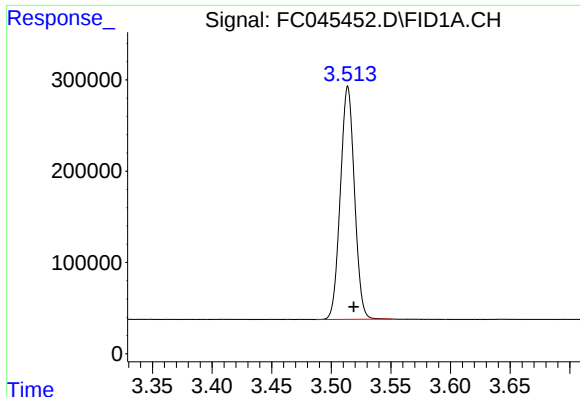
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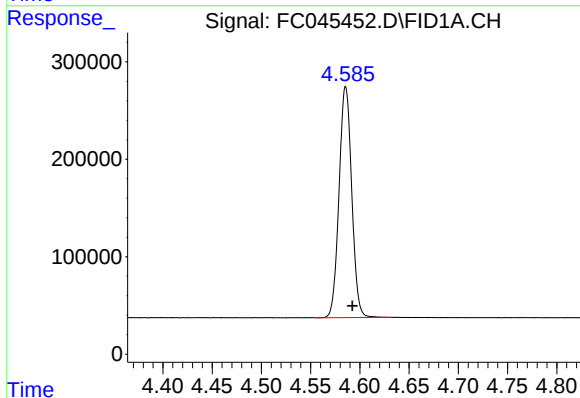




#1 n-Nonane (C9)

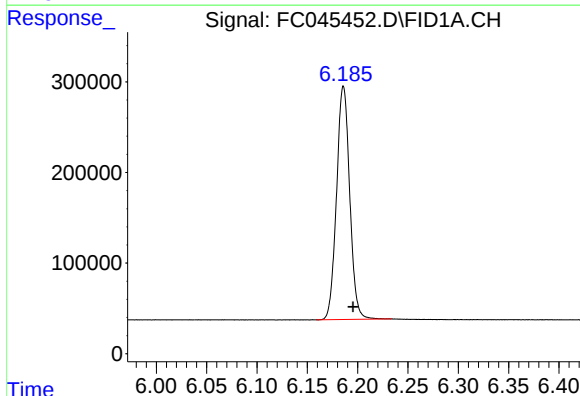
R.T.: 3.514 min
Delta R.T.: -0.005 min
Response: 2106262
Conc: 21.78 ug/ml

Instrument :
FID_C
ClientSampleId :



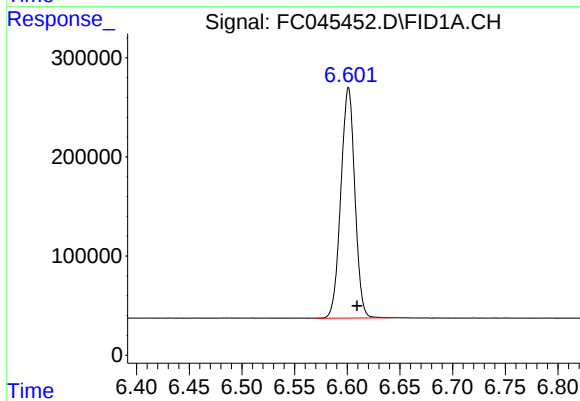
#2 n-Decane (C10)

R.T.: 4.586 min
Delta R.T.: -0.007 min
Response: 2125452
Conc: 21.95 ug/ml



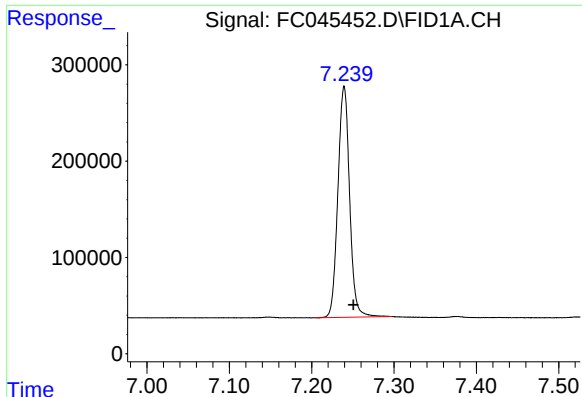
#3 A~Naphthalene (C11.7)

R.T.: 6.186 min
Delta R.T.: -0.009 min
Response: 2341306
Conc: 21.92 ug/ml



#4 n-Dodecane (C12)

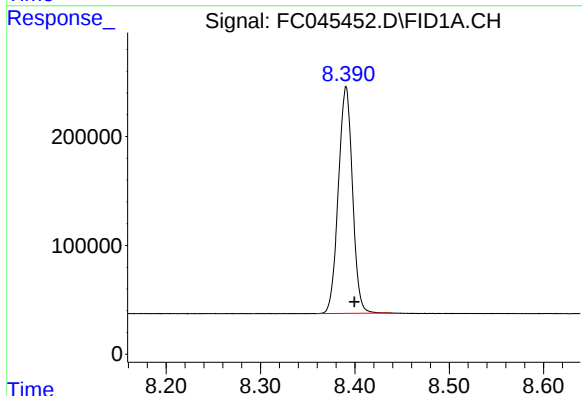
R.T.: 6.601 min
Delta R.T.: -0.008 min
Response: 2154471
Conc: 22.04 ug/ml



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

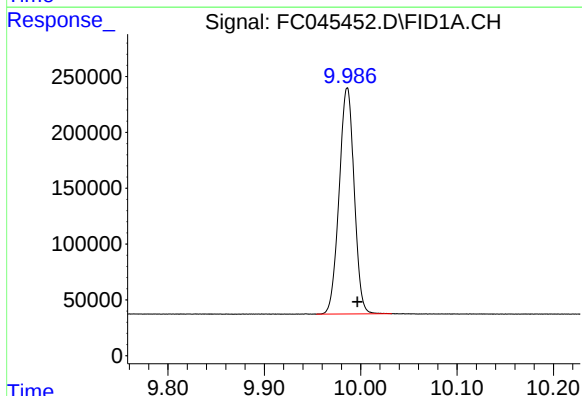
R.T.: 7.239 min
Delta R.T.: -0.011 min
Response: 2367539
Conc: 22.09 ug/ml

Instrument :
FID_C
ClientSampleId :



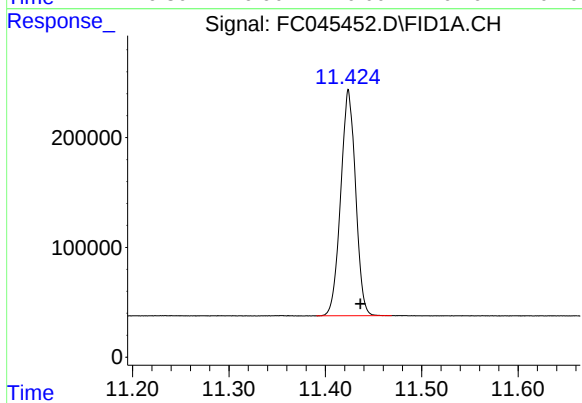
#6 n-Tetradecane (C14)

R.T.: 8.391 min
Delta R.T.: -0.009 min
Response: 2170655
Conc: 22.03 ug/ml



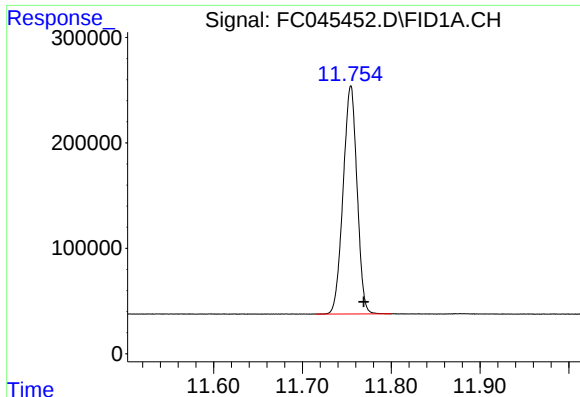
#7 n-Hexadecane (C16)

R.T.: 9.986 min
Delta R.T.: -0.010 min
Response: 2188714
Conc: 21.86 ug/ml



#8 n-Octadecane (C18)

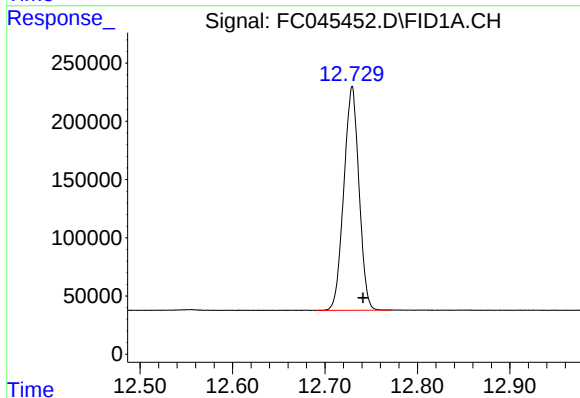
R.T.: 11.424 min
Delta R.T.: -0.012 min
Response: 2199419
Conc: 21.59 ug/ml



#9 ortho-Terphenyl (SURR)

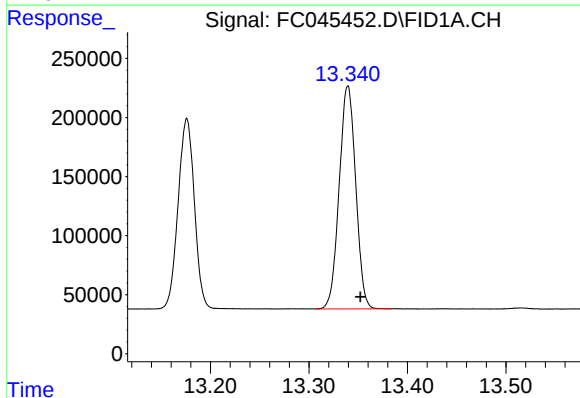
R.T.: 11.754 min
Delta R.T.: -0.014 min
Response: 2356839
Conc: 21.44 ug/ml

Instrument :
FID_C
ClientSampleId :



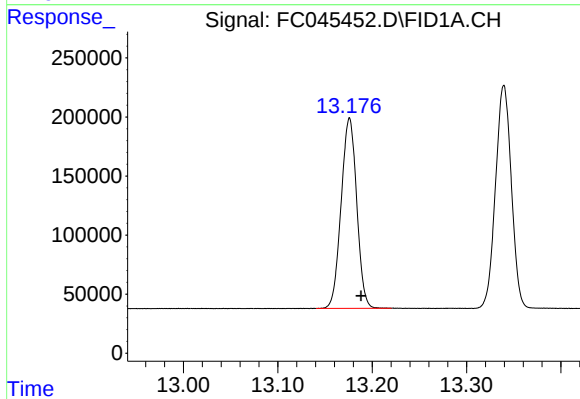
#10 n-Eicosane (C20)

R.T.: 12.729 min
Delta R.T.: -0.012 min
Response: 2191932
Conc: 21.37 ug/ml



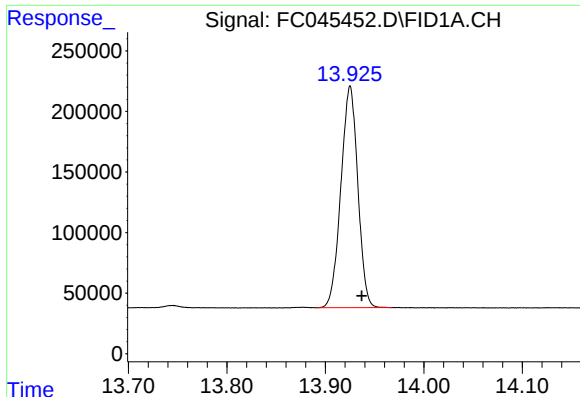
#11 n-Heneicosane (C21)

R.T.: 13.339 min
Delta R.T.: -0.013 min
Response: 2200356
Conc: 21.26 ug/ml



#12 1-chlorooctadecane (SURR)

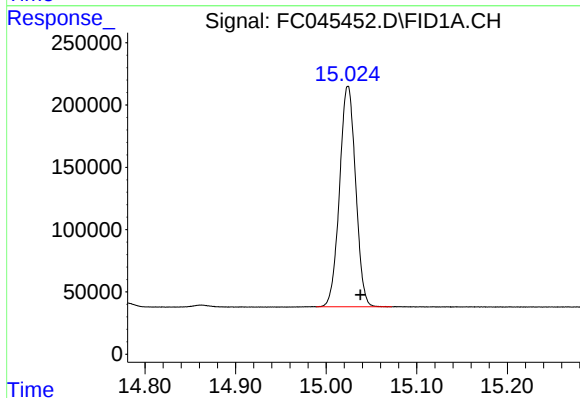
R.T.: 13.176 min
Delta R.T.: -0.012 min
Response: 1848932
Conc: 21.27 ug/ml



#13 n-Docosane (C22)

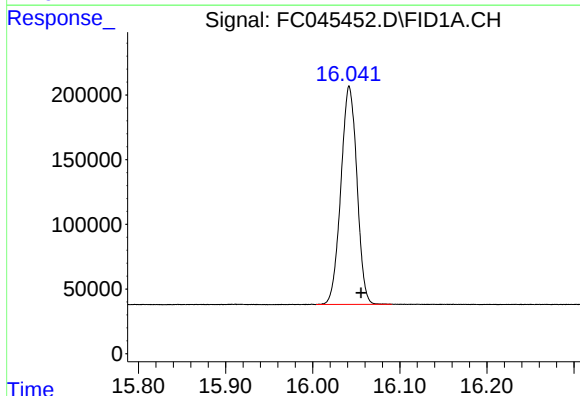
R.T.: 13.925 min
Delta R.T.: -0.012 min
Response: 2182756
Conc: 21.16 ug/ml

Instrument :
FID_C
ClientSampleId :



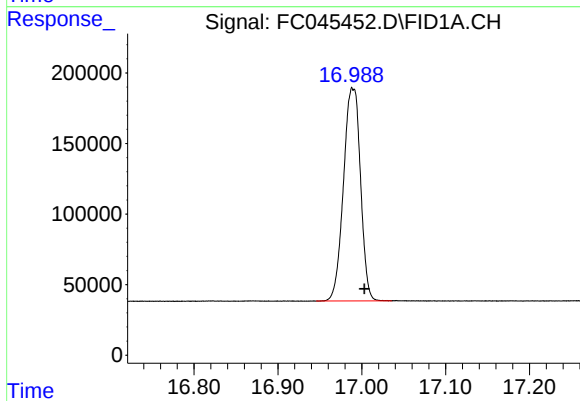
#14 n-Tetracosane (C24)

R.T.: 15.024 min
Delta R.T.: -0.014 min
Response: 2185200
Conc: 21.03 ug/ml



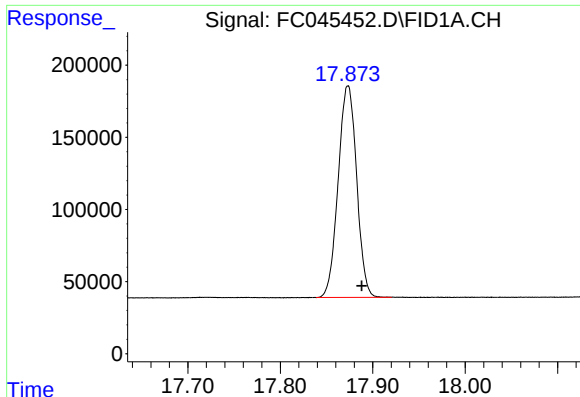
#15 n-Hexacosane (C26)

R.T.: 16.042 min
Delta R.T.: -0.014 min
Response: 2160343
Conc: 20.91 ug/ml



#16 n-Octacosane (C28)

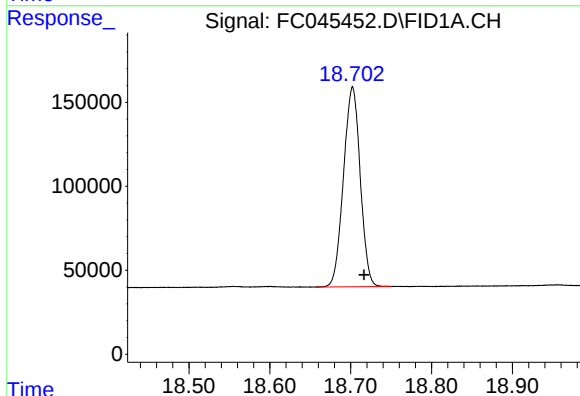
R.T.: 16.990 min
Delta R.T.: -0.014 min
Response: 2125643
Conc: 20.80 ug/ml



#17 n-Tricontane (C30)

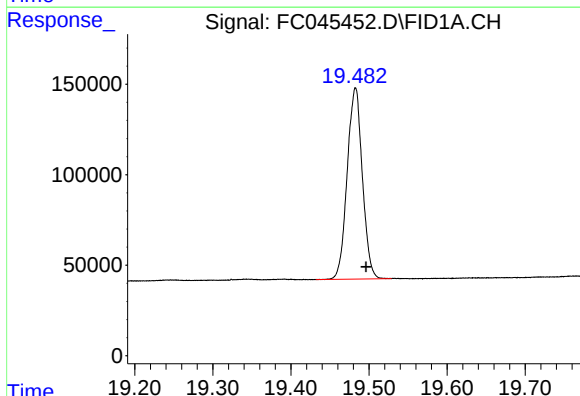
R.T.: 17.873 min
Delta R.T.: -0.015 min
Response: 2037816
Conc: 20.76 ug/ml

Instrument :
FID_C
ClientSampleId :



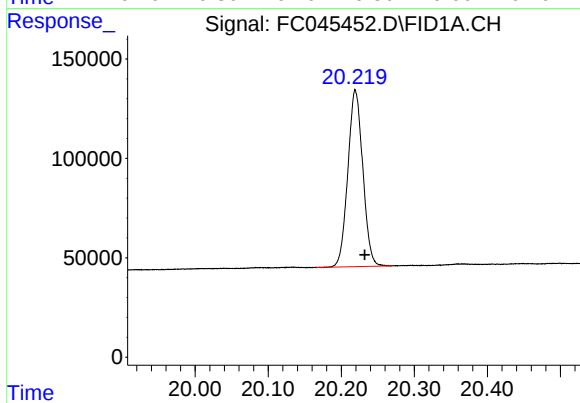
#18 n-Dotriacontane (C32)

R.T.: 18.702 min
Delta R.T.: -0.014 min
Response: 1711856
Conc: 20.57 ug/ml



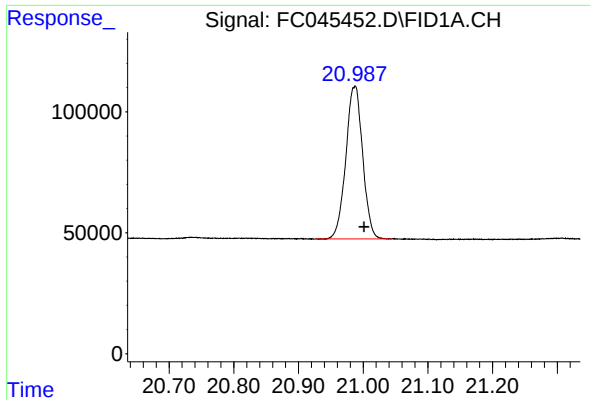
#19 n-Tetratriacontane (C34)

R.T.: 19.483 min
Delta R.T.: -0.013 min
Response: 1425024
Conc: 20.14 ug/ml



#20 n-Hexatriacontane (C36)

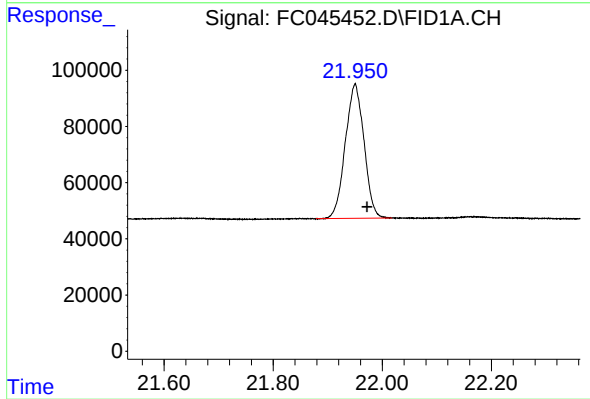
R.T.: 20.219 min
Delta R.T.: -0.013 min
Response: 1261710
Conc: 19.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.987 min
Delta R.T.: -0.014 min
Response: 1141649
Conc: 19.52 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.950 min
Delta R.T.: -0.022 min
Response: 1139562
Conc: 19.32 ug/ml