

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050423AL\
 Data File : FC063555.D
 Signal(s) : FID1A.ch
 Acq On : 04 May 2023 16:30
 Operator : YP/AJ
 Sample : PB152571BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 05 02:10:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050223.M
 Quant Title : GC Extractables
 QLast Update : Wed May 03 00:33:18 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.526	1066922	6.742 ug/ml
Spiked Amount 50.000		Recovery =	13.48%
12) S 1-chlorooctadecane (S...	12.965	6331082	58.622 ug/ml
Spiked Amount 50.000		Recovery =	117.24%
Target Compounds			
1) T n-Nonane (C9)	3.296	3370140	25.578 ug/ml
2) T n-Decane (C10)	4.363	4209222	31.724 ug/ml
4) T n-Dodecane (C12)	6.382	5287169	39.899 ug/ml
6) T n-Tetradecane (C14)	8.176	5994654	46.697 ug/ml
7) T n-Hexadecane (C16)	9.776	6769139	50.979 ug/ml
8) T n-Octadecane (C18)	11.216	7307856	53.669 ug/ml
10) T n-Eicosane (C20)	12.523	7316822	55.658 ug/ml
11) T n-Heneicosane (C21)	13.133	7111649	54.900 ug/ml
13) T n-Docosane (C22)	13.718	7054604	54.675 ug/ml
14) T n-Tetracosane (C24)	14.818	8217866	62.834 ug/ml
15) T n-Hexacosane (C26)	15.837	6992145	54.267 ug/ml
16) T n-Octacosane (C28)	16.784	6929716	54.438 ug/ml
17) T n-Tricontane (C30)	17.669	6939707	53.332 ug/ml
18) T n-Dotriacontane (C32)	18.500	6857200	53.216 ug/ml
19) T n-Tetratriacontane (C34)	19.282	6762314	53.962 ug/ml
20) T n-Hexatriacontane (C36)	20.018	6300481	53.209 ug/ml
21) T n-Octatriacontane (C38)	20.746	5883039	50.345 ug/ml
22) T n-Tetracontane (C40)	21.638	5048371	44.521 ug/ml

(f)=RT Delta > 1/2 Window

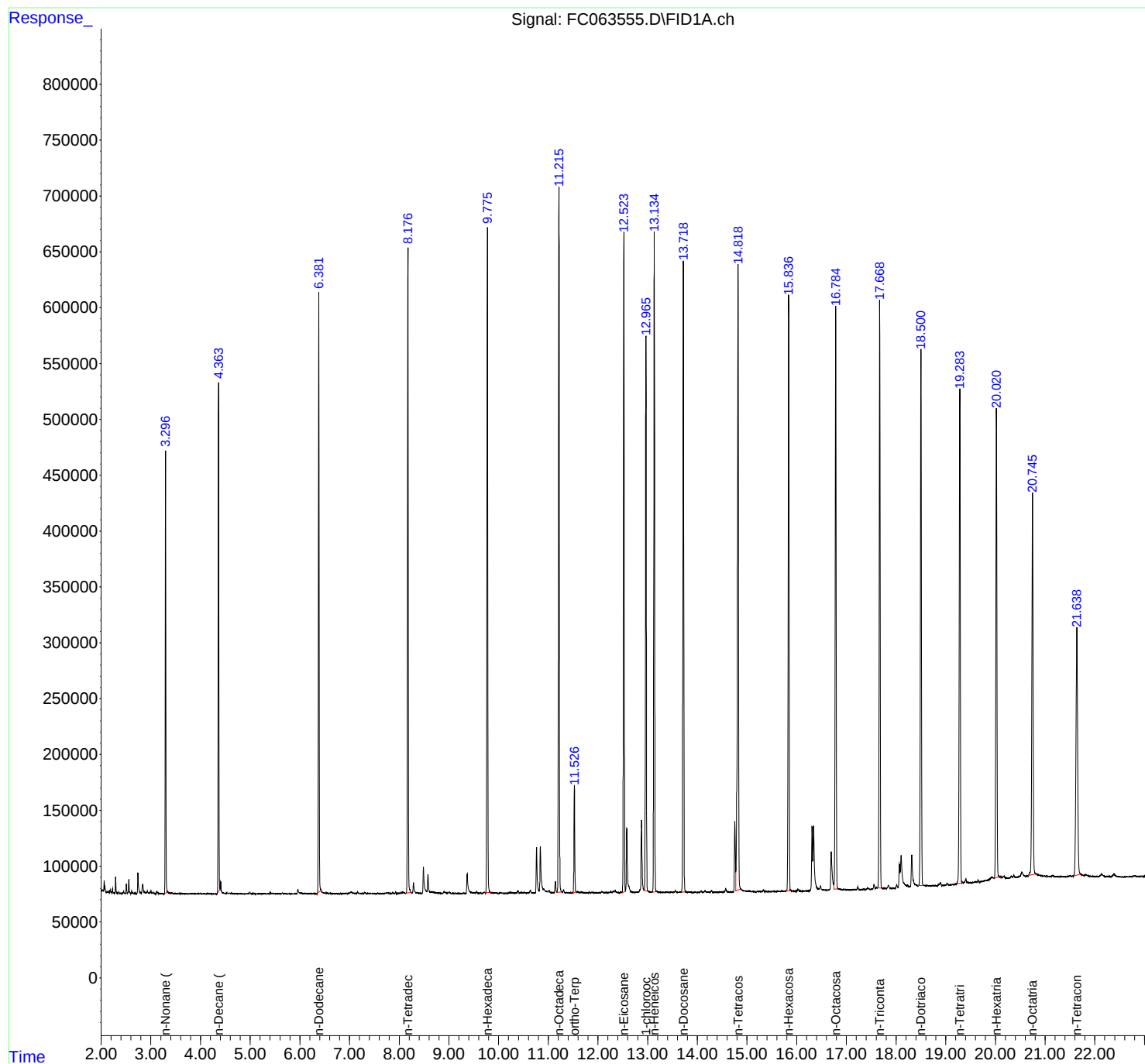
(m)=manual int.

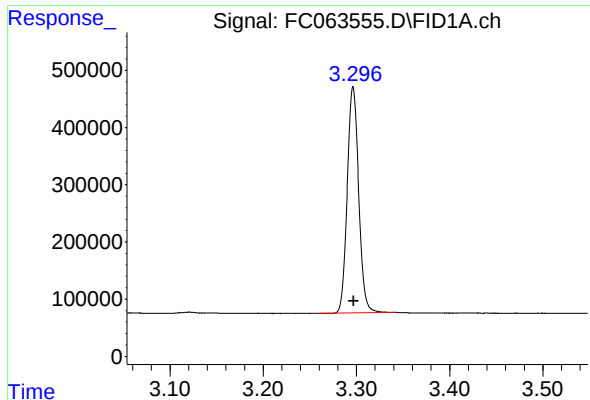
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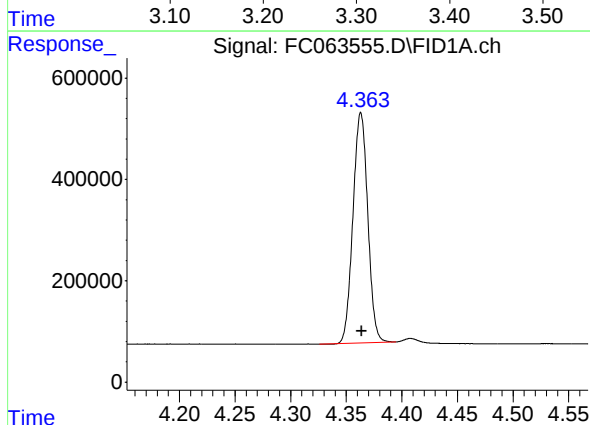




#1 n-Nonane (C9)

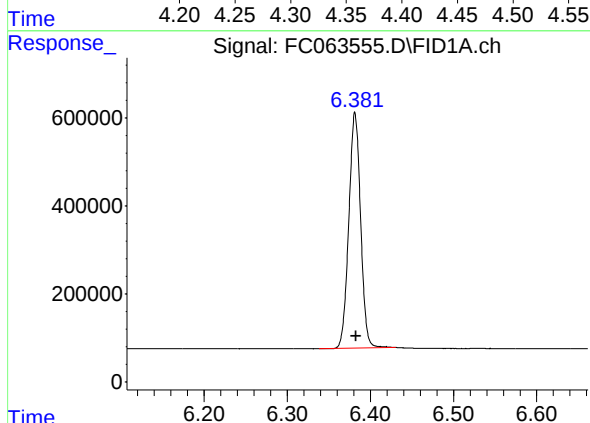
R.T.: 3.296 min
Delta R.T.: 0.000 min
Response: 3370140
Conc: 25.58 ug/ml

Instrument :
FID_C
ClientSampleId :



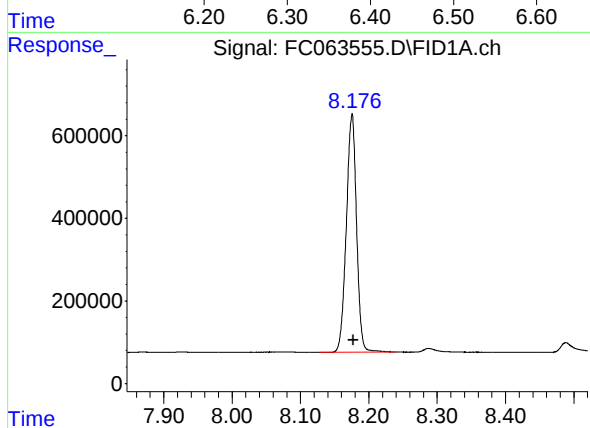
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 4209222
Conc: 31.72 ug/ml



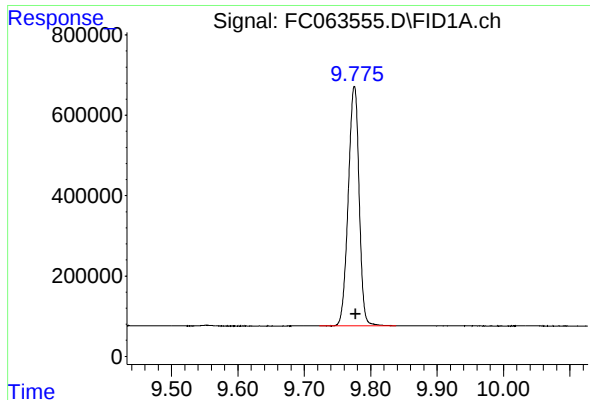
#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: -0.001 min
Response: 5287169
Conc: 39.90 ug/ml



#6 n-Tetradecane (C14)

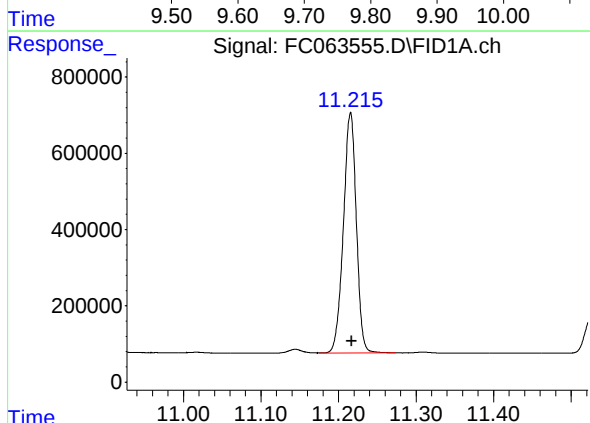
R.T.: 8.176 min
Delta R.T.: -0.002 min
Response: 5994654
Conc: 46.70 ug/ml



#7 n-Hexadecane (C16)

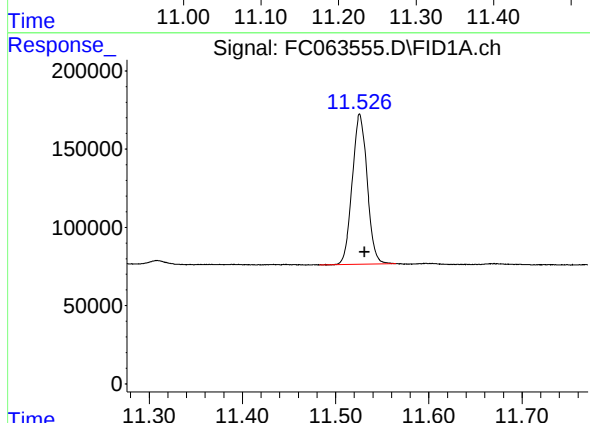
R.T.: 9.776 min
Delta R.T.: -0.002 min
Response: 6769139
Conc: 50.98 ug/ml

Instrument :
FID_C
ClientSampleId :



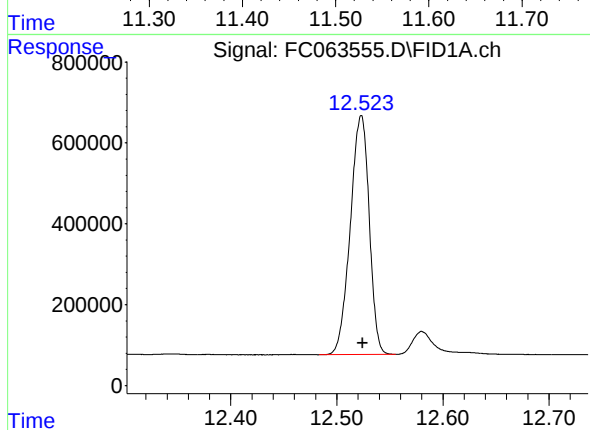
#8 n-Octadecane (C18)

R.T.: 11.216 min
Delta R.T.: -0.002 min
Response: 7307856
Conc: 53.67 ug/ml



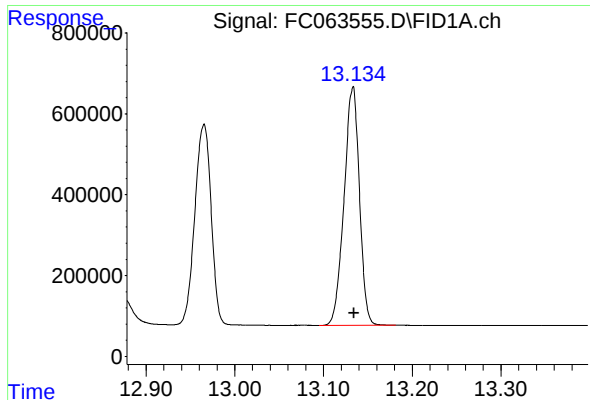
#9 ortho-Terphenyl (SURR)

R.T.: 11.526 min
Delta R.T.: -0.005 min
Response: 1066922
Conc: 6.74 ug/ml



#10 n-Eicosane (C20)

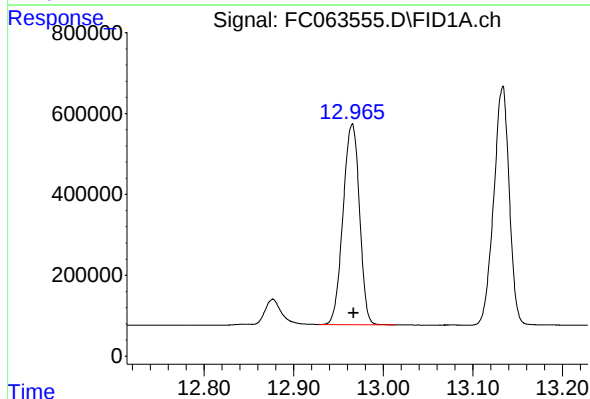
R.T.: 12.523 min
Delta R.T.: -0.001 min
Response: 7316822
Conc: 55.66 ug/ml



#11 n-Heneicosane (C21)

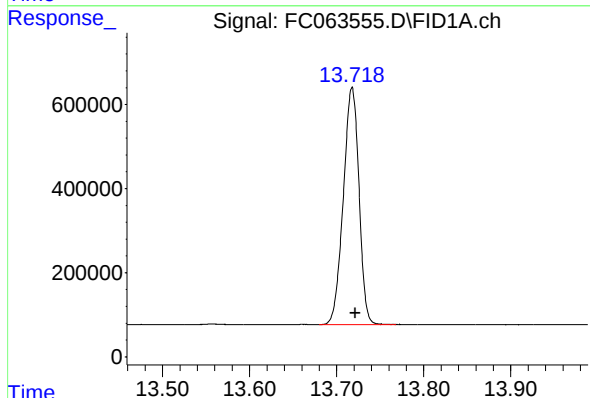
R.T.: 13.133 min
Delta R.T.: -0.001 min
Response: 7111649
Conc: 54.90 ug/ml

Instrument :
FID_C
ClientSampleId :



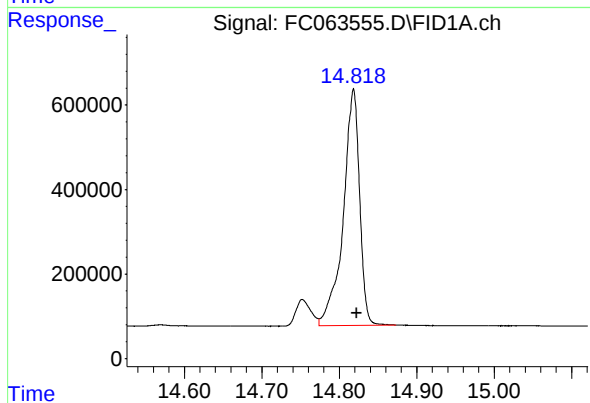
#12 1-chlorooctadecane (SURR)

R.T.: 12.965 min
Delta R.T.: -0.002 min
Response: 6331082
Conc: 58.62 ug/ml



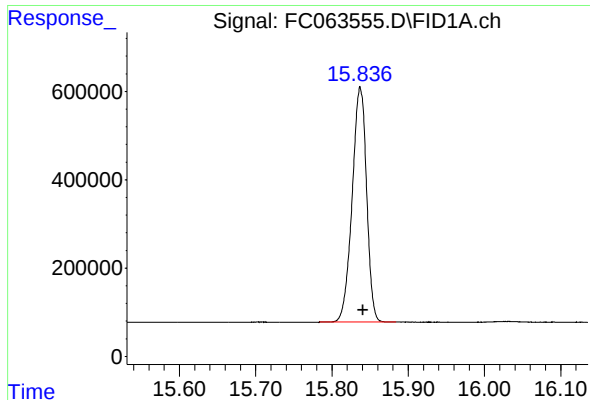
#13 n-Docosane (C22)

R.T.: 13.718 min
Delta R.T.: -0.004 min
Response: 7054604
Conc: 54.67 ug/ml



#14 n-Tetracosane (C24)

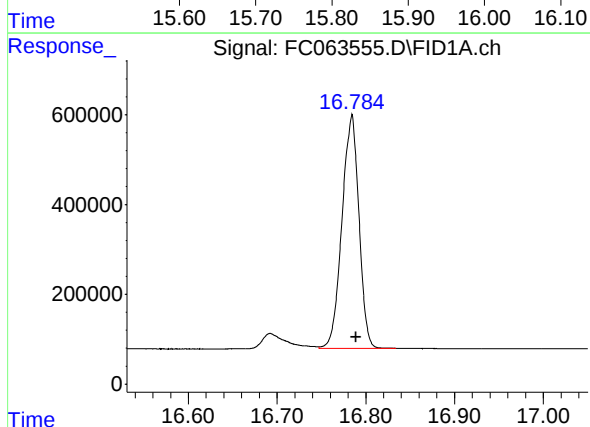
R.T.: 14.818 min
Delta R.T.: -0.004 min
Response: 8217866
Conc: 62.83 ug/ml



#15 n-Hexacosane (C26)

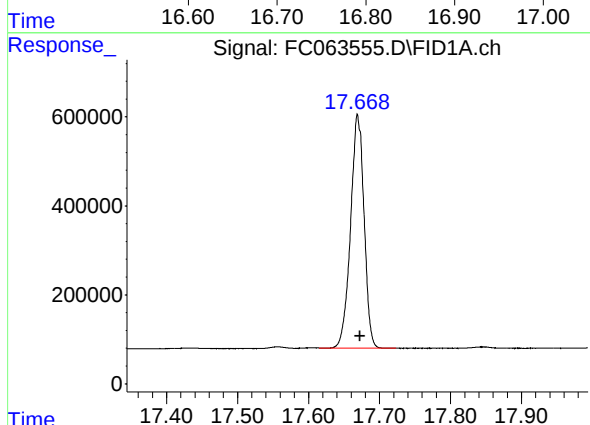
R.T.: 15.837 min
Delta R.T.: -0.003 min
Response: 6992145
Conc: 54.27 ug/ml

Instrument :
FID_C
ClientSampleId :



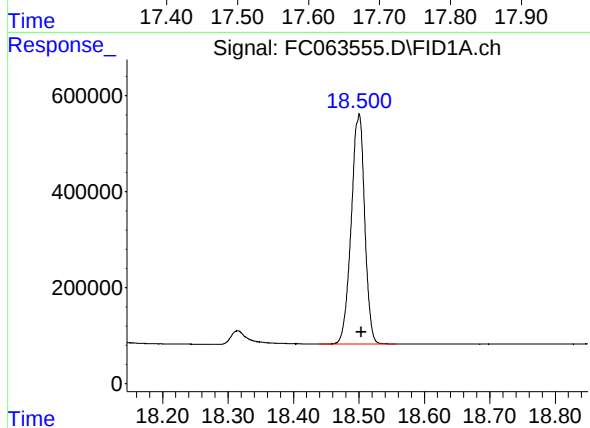
#16 n-Octacosane (C28)

R.T.: 16.784 min
Delta R.T.: -0.005 min
Response: 6929716
Conc: 54.44 ug/ml



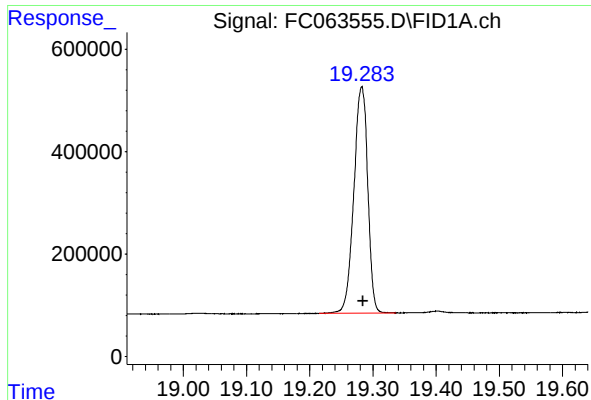
#17 n-Tricontane (C30)

R.T.: 17.669 min
Delta R.T.: -0.003 min
Response: 6939707
Conc: 53.33 ug/ml



#18 n-Dotriacontane (C32)

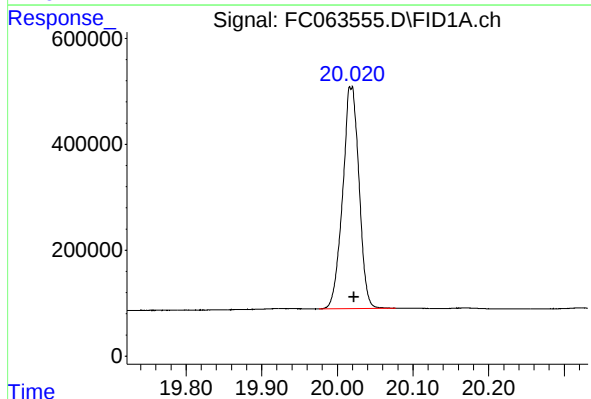
R.T.: 18.500 min
Delta R.T.: -0.003 min
Response: 6857200
Conc: 53.22 ug/ml



#19 n-Tetratriacontane (C34)

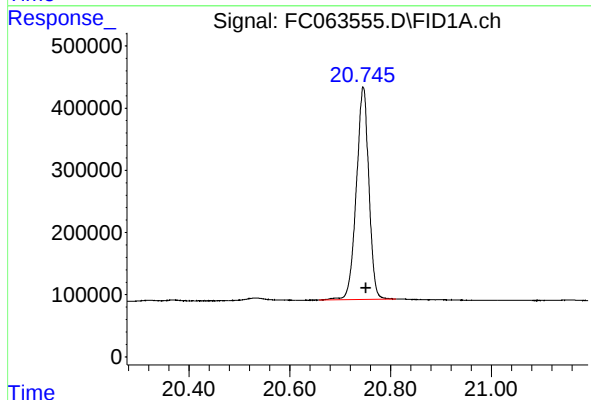
R.T.: 19.282 min
Delta R.T.: -0.002 min
Response: 6762314
Conc: 53.96 ug/ml

Instrument :
FID_C
ClientSampleId :



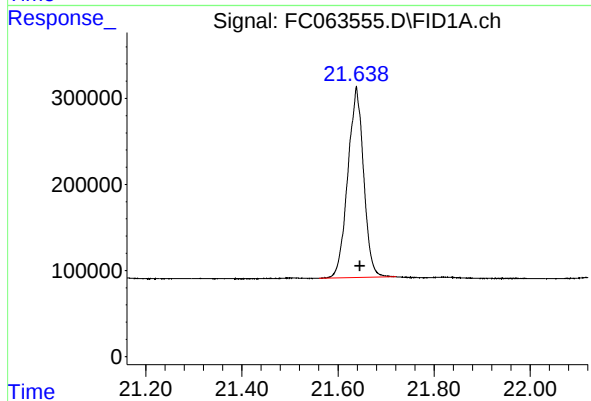
#20 n-Hexatriacontane (C36)

R.T.: 20.018 min
Delta R.T.: -0.004 min
Response: 6300481
Conc: 53.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.746 min
Delta R.T.: -0.006 min
Response: 5883039
Conc: 50.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.638 min
Delta R.T.: -0.007 min
Response: 5048371
Conc: 44.52 ug/ml