

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062123AL\
 Data File : FE042777.D
 Signal(s) : FID1B.ch
 Acq On : 21 Jun 2023 08:37
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 21 10:19:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 10:02:29 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)	11.938	17625064	91.186 ug/ml
Spiked Amount 50.000		Recovery =	182.37%
12) S 1-chlorooctadecane (S...	13.371	13099468	91.536 ug/ml
Spiked Amount 50.000		Recovery =	183.07%
Target Compounds			
1) T n-Nonane (C9)	3.310	14973514	92.011 ug/ml
2) T n-Decane (C10)	4.563	15375510	92.166 ug/ml
3) T A~Naphthalene (C11.7)	6.273	16955155	93.718 ug/ml
4) T n-Dodecane (C12)	6.733	15614992	92.069 ug/ml
5) T A~2-methylnaphthalene...	7.372	16404814	94.407 ug/ml
6) T n-Tetradecane (C14)	8.563	15478973	92.106 ug/ml
7) T n-Hexadecane (C16)	10.171	15921067	91.517 ug/ml
8) T n-Octadecane (C18)	11.617	15951162	91.190 ug/ml
10) T n-Eicosane (C20)	12.925	15160792	90.859 ug/ml
11) T n-Heneicosane (C21)	13.537	14779935	90.859 ug/ml
13) T n-Docosane (C22)	14.124	14549160	90.259 ug/ml
14) T n-Tetracosane (C24)	15.227	14124601	89.326 ug/ml
15) T n-Hexacosane (C26)	16.248	13555257	88.080 ug/ml
16) T n-Octacosane (C28)	17.197	13027675	87.322 ug/ml
17) T n-Tricontane (C30)	18.083	13028828	86.504 ug/ml
18) T n-Dotriacontane (C32)	18.918	12796819	86.731 ug/ml
19) T n-Tetratriacontane (C34)	19.701	12717738	88.988 ug/ml
20) T n-Hexatriacontane (C36)	20.442	12650246	89.393 ug/ml
21) T n-Octatriacontane (C38)	21.189	12981047	90.898 ug/ml
22) T n-Tetracontane (C40)	22.114	13379465	91.636 ug/ml

(f)=RT Delta > 1/2 Window

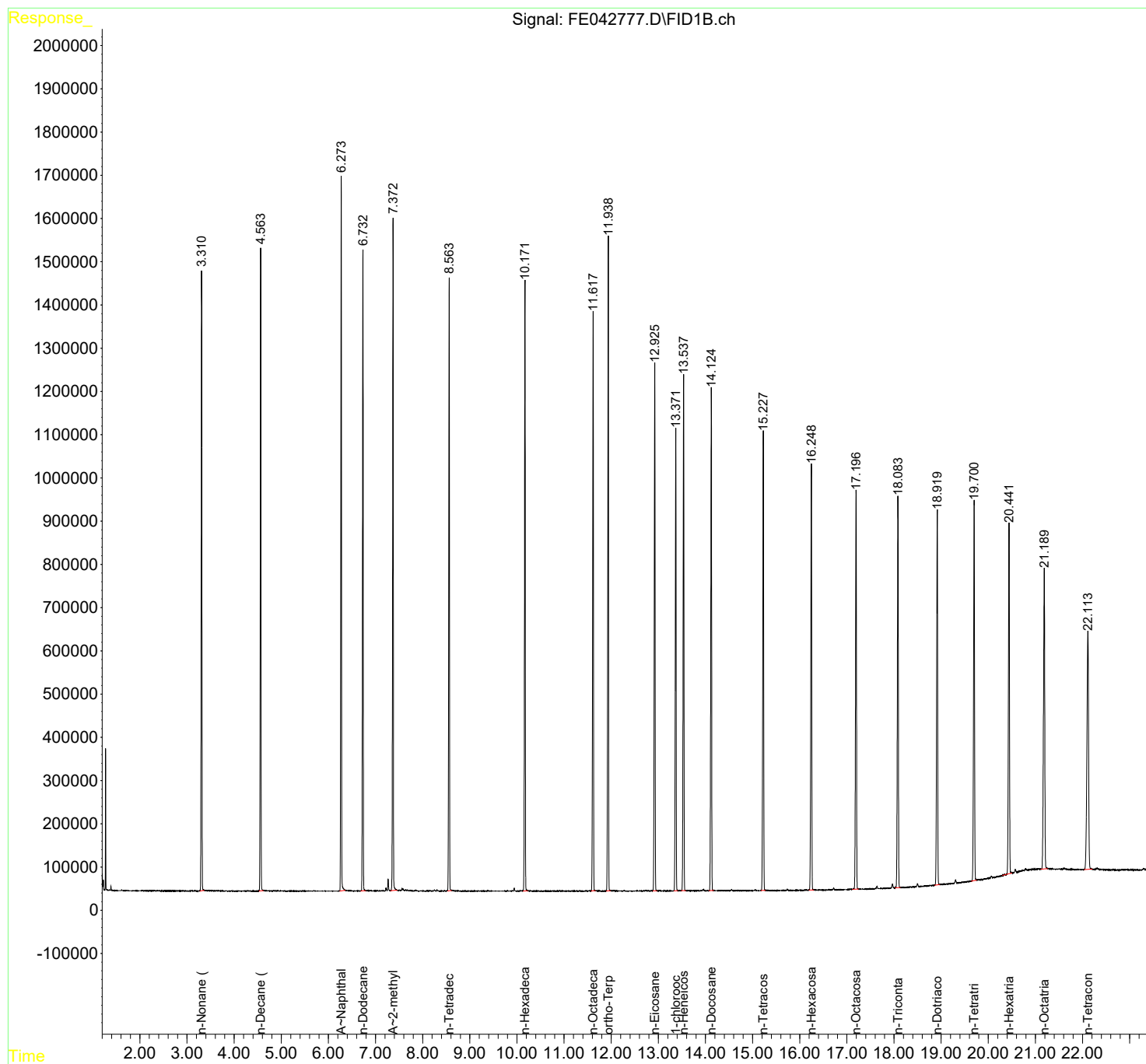
(m)=manual int.

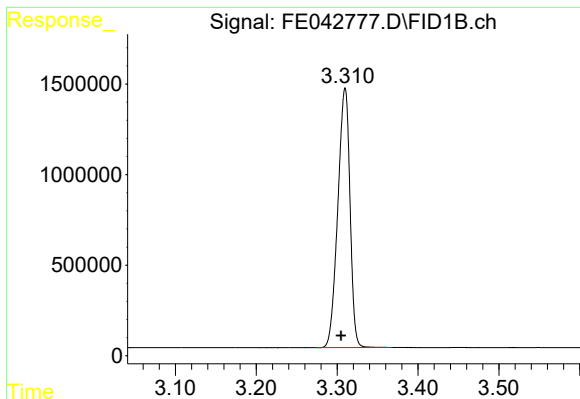
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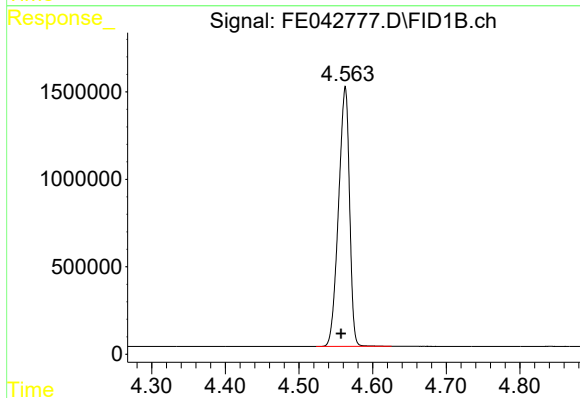




#1 n-Nonane (C9)

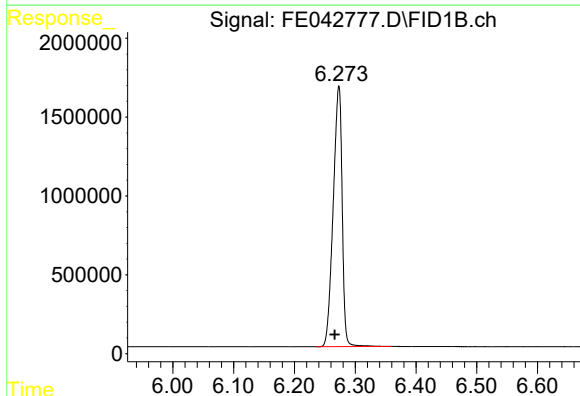
R.T.: 3.310 min
Delta R.T.: 0.005 min
Response: 14973514
Conc: 92.01 ug/ml

Instrument :
FID_E
ClientSampleId :



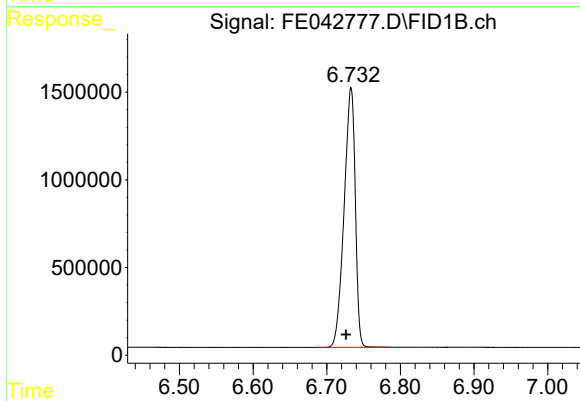
#2 n-Decane (C10)

R.T.: 4.563 min
Delta R.T.: 0.006 min
Response: 15375510
Conc: 92.17 ug/ml



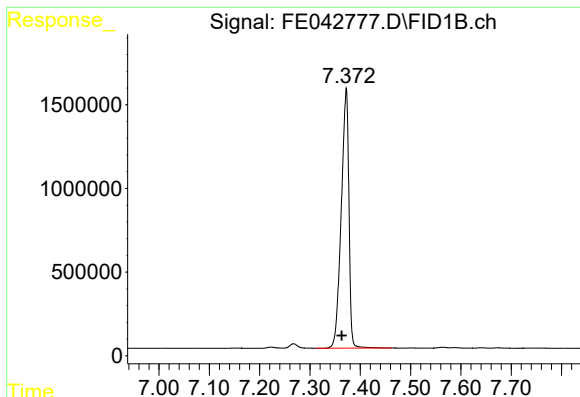
#3 A~Naphthalene (C11.7)

R.T.: 6.273 min
Delta R.T.: 0.007 min
Response: 16955155
Conc: 93.72 ug/ml



#4 n-Dodecane (C12)

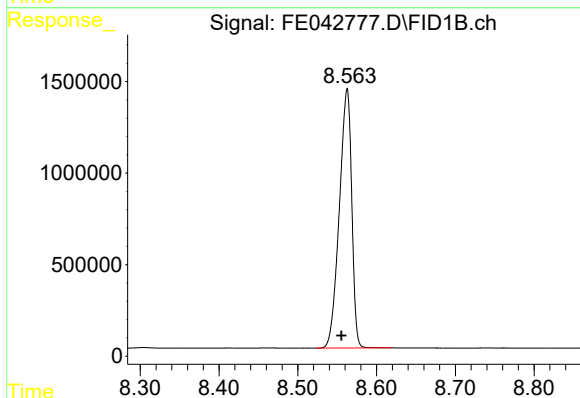
R.T.: 6.733 min
Delta R.T.: 0.007 min
Response: 15614992
Conc: 92.07 ug/ml



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

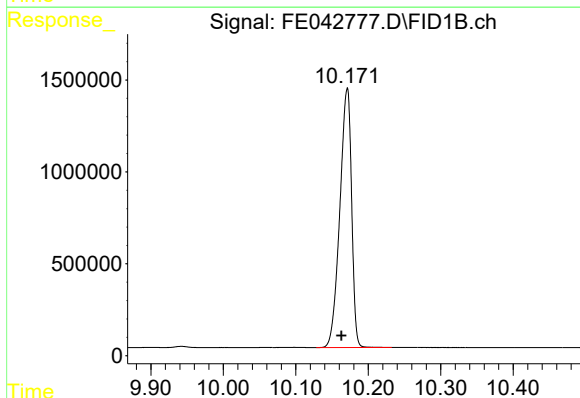
R.T.: 7.372 min
Delta R.T.: 0.009 min
Response: 16404814
Conc: 94.41 ug/ml

Instrument :
FID_E
ClientSampleId :



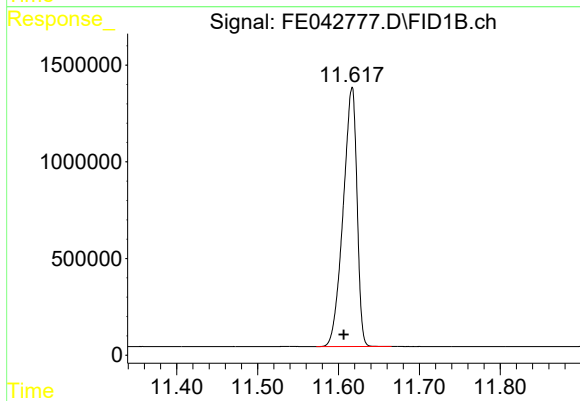
#6 n-Tetradecane (C14)

R.T.: 8.563 min
Delta R.T.: 0.007 min
Response: 15478973
Conc: 92.11 ug/ml



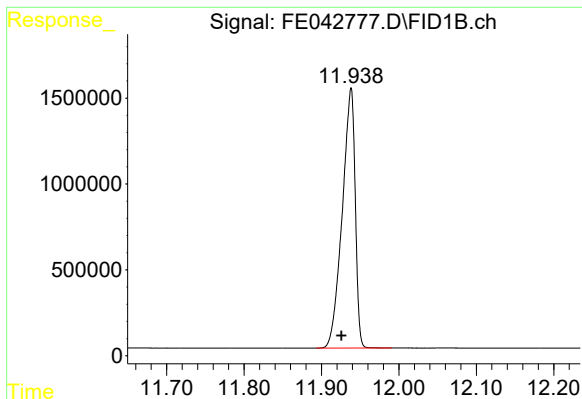
#7 n-Hexadecane (C16)

R.T.: 10.171 min
Delta R.T.: 0.008 min
Response: 15921067
Conc: 91.52 ug/ml



#8 n-Octadecane (C18)

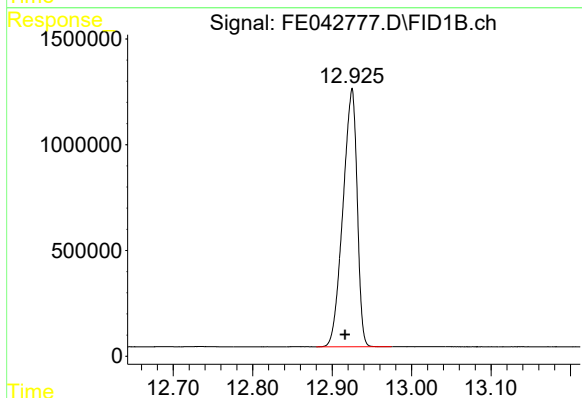
R.T.: 11.617 min
Delta R.T.: 0.010 min
Response: 15951162
Conc: 91.19 ug/ml



#9 ortho-Terphenyl (SURR)

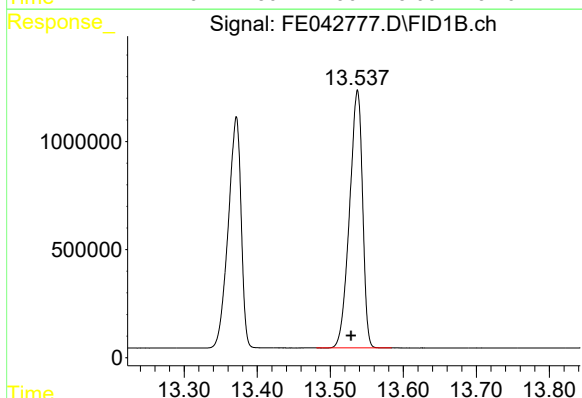
R.T.: 11.938 min
Delta R.T.: 0.012 min
Response: 17625064
Conc: 91.19 ug/ml

Instrument :
FID_E
ClientSampleId :



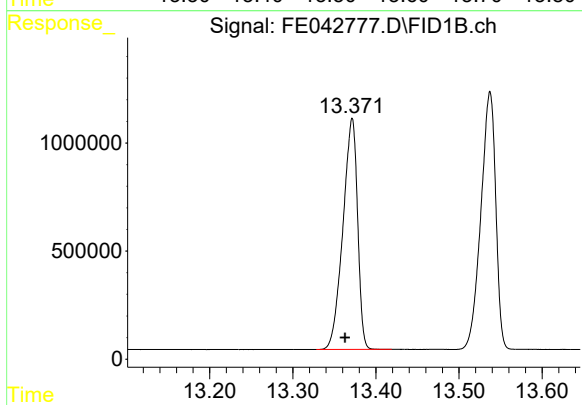
#10 n-Eicosane (C20)

R.T.: 12.925 min
Delta R.T.: 0.009 min
Response: 15160792
Conc: 90.86 ug/ml



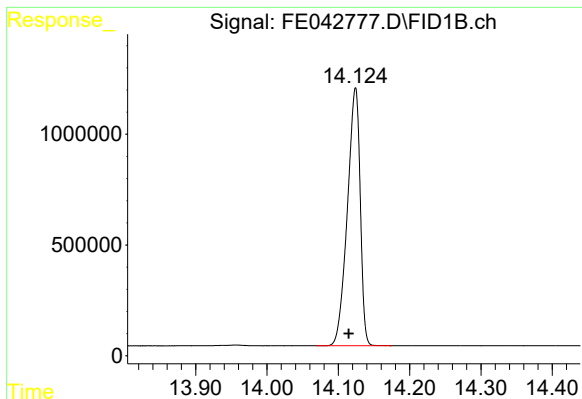
#11 n-Heneicosane (C21)

R.T.: 13.537 min
Delta R.T.: 0.009 min
Response: 14779935
Conc: 90.86 ug/ml



#12 1-chlorooctadecane (SURR)

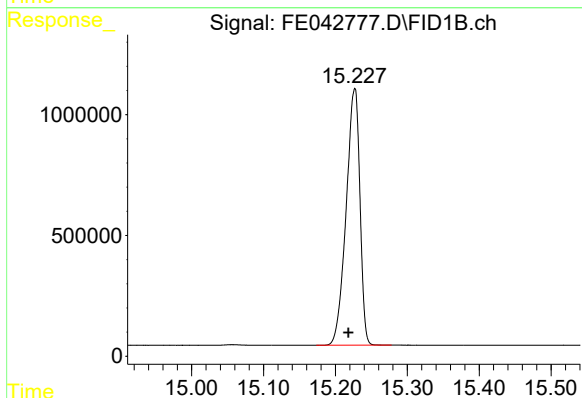
R.T.: 13.371 min
Delta R.T.: 0.009 min
Response: 13099468
Conc: 91.54 ug/ml



#13 n-Docosane (C22)

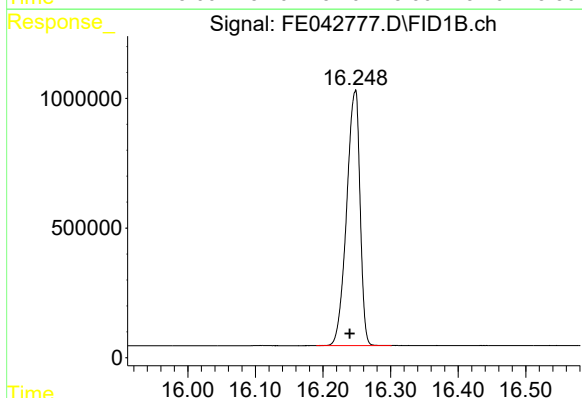
R.T.: 14.124 min
Delta R.T.: 0.010 min
Response: 14549160
Conc: 90.26 ug/ml

Instrument :
FID_E
ClientSampleId :



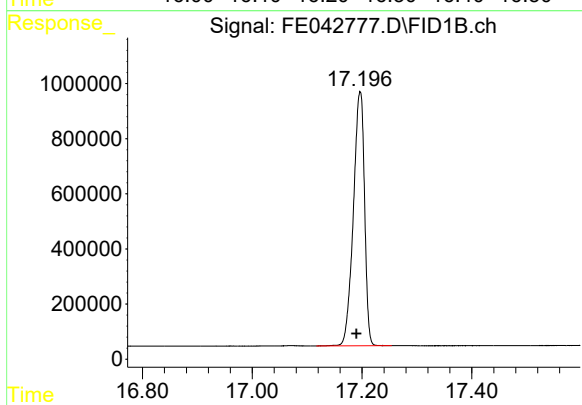
#14 n-Tetracosane (C24)

R.T.: 15.227 min
Delta R.T.: 0.009 min
Response: 14124601
Conc: 89.33 ug/ml



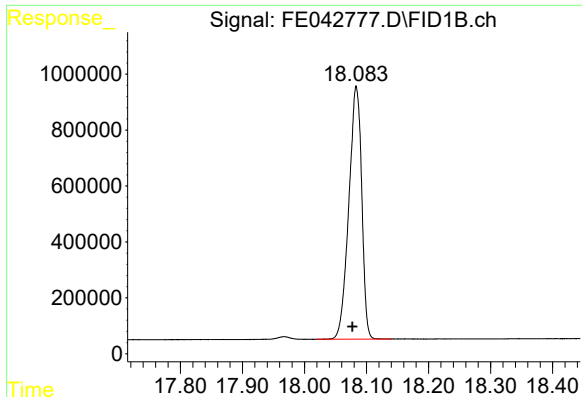
#15 n-Hexacosane (C26)

R.T.: 16.248 min
Delta R.T.: 0.008 min
Response: 13555257
Conc: 88.08 ug/ml



#16 n-Octacosane (C28)

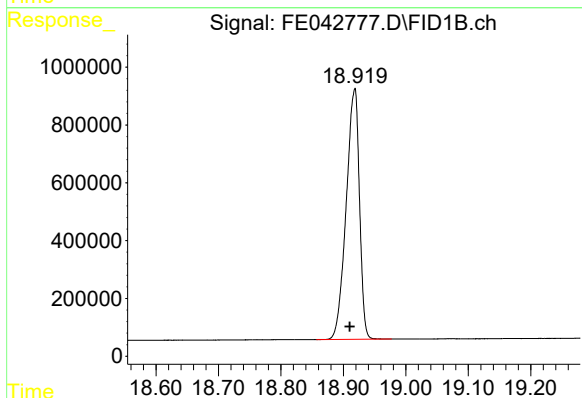
R.T.: 17.197 min
Delta R.T.: 0.007 min
Response: 13027675
Conc: 87.32 ug/ml



#17 n-Tricontane (C30)

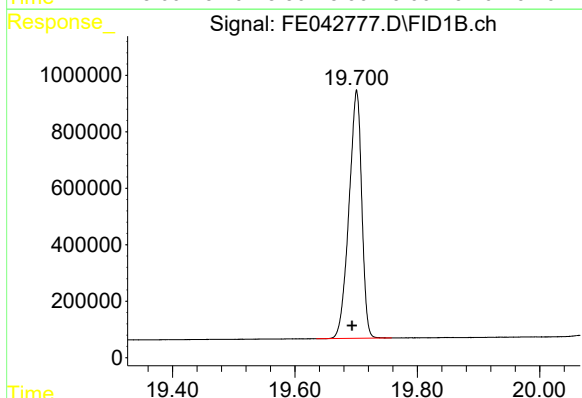
R.T.: 18.083 min
Delta R.T.: 0.006 min
Response: 13028828
Conc: 86.50 ug/ml

Instrument :
FID_E
ClientSampleId :



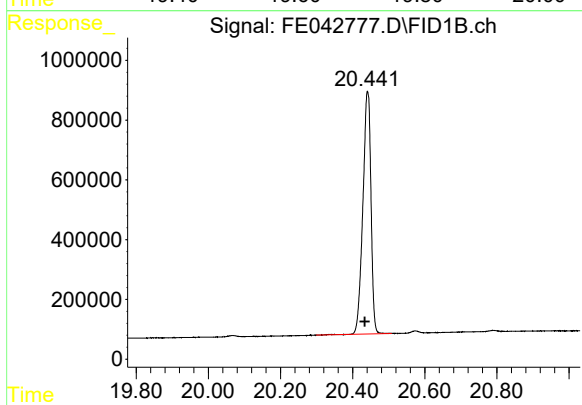
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: 0.008 min
Response: 12796819
Conc: 86.73 ug/ml



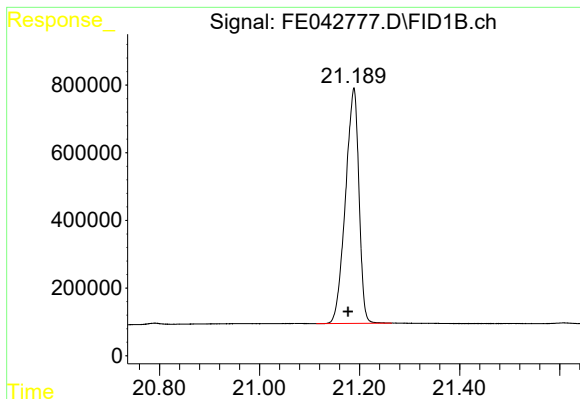
#19 n-Tetratriacontane (C34)

R.T.: 19.701 min
Delta R.T.: 0.008 min
Response: 12717738
Conc: 88.99 ug/ml



#20 n-Hexatriacontane (C36)

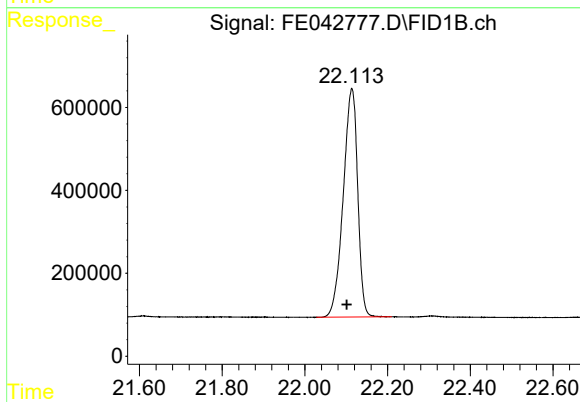
R.T.: 20.442 min
Delta R.T.: 0.008 min
Response: 12650246
Conc: 89.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.189 min
Delta R.T.: 0.012 min
Response: 12981047
Conc: 90.90 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.114 min
Delta R.T.: 0.012 min
Response: 13379465
Conc: 91.64 ug/ml