

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020525AL\
 Data File : FG015295.D
 Signal(s) : FID1A.ch
 Acq On : 04 Feb 2025 11:06
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 06 00:48:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 00:48:11 2025
 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)	11.952	12910147	88.877 ug/ml
Spiked Amount 50.000		Recovery =	177.75%
12) S 1-chlorooctadecane (S...	13.395	10152846	89.510 ug/ml
Spiked Amount 50.000		Recovery =	179.02%
Target Compounds			
1) T n-Nonane (C9)	3.281	10277233	84.379 ug/ml
2) T n-Decane (C10)	4.544	10508052	84.566 ug/ml
3) T A~Naphthalene (C11.7)	6.259	11886604	86.112 ug/ml
4) T n-Dodecane (C12)	6.727	10750825	85.253 ug/ml
5) T A~2-methylnaphthalene...	7.363	11749542	87.407 ug/ml
6) T n-Tetradecane (C14)	8.565	10912231	86.176 ug/ml
7) T n-Hexadecane (C16)	10.182	11590916	87.081 ug/ml
8) T n-Octadecane (C18)	11.634	11980315	87.986 ug/ml
10) T n-Eicosane (C20)	12.948	11699802	88.761 ug/ml
11) T n-Heneicosane (C21)	13.564	11571612	89.146 ug/ml
13) T n-Docosane (C22)	14.153	11523759	89.424 ug/ml
14) T n-Tetracosane (C24)	15.260	11460062	89.620 ug/ml
15) T n-Hexacosane (C26)	16.286	11210728	90.052 ug/ml
16) T n-Octacosane (C28)	17.239	10897331	90.181 ug/ml
17) T n-Tricontane (C30)	18.130	10894040	89.602 ug/ml
18) T n-Dotriacontane (C32)	18.965	10424310	89.592 ug/ml
19) T n-Tetratriacontane (C34)	19.749	9296422	90.071 ug/ml
20) T n-Hexatriacontane (C36)	20.491	8308821	91.030 ug/ml
21) T n-Octatriacontane (C38)	21.243	8203022	92.396 ug/ml
22) T n-Tetracontane (C40)	22.185	8469346	93.867 ug/ml

(f)=RT Delta > 1/2 Window

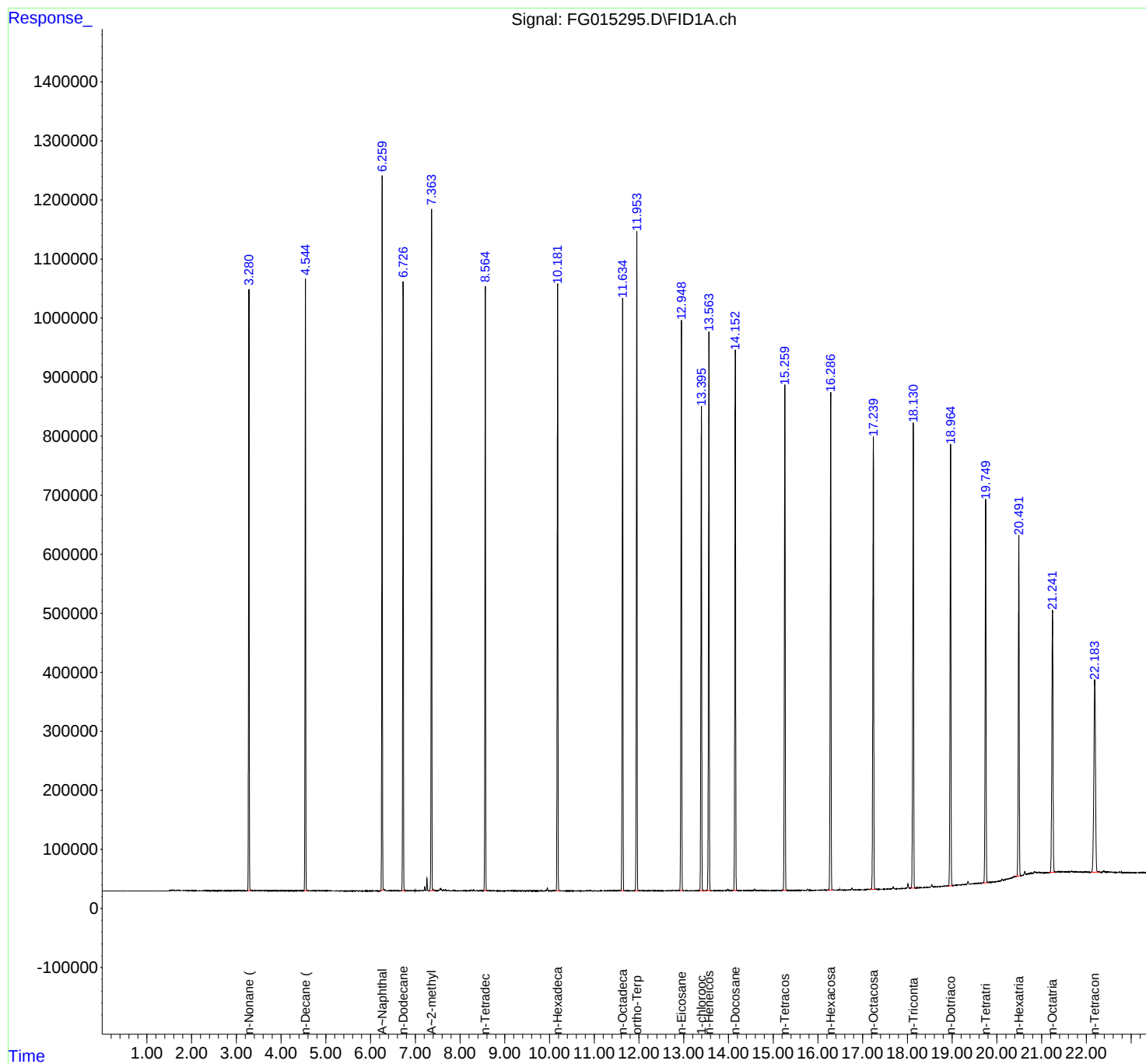
(m)=manual int.

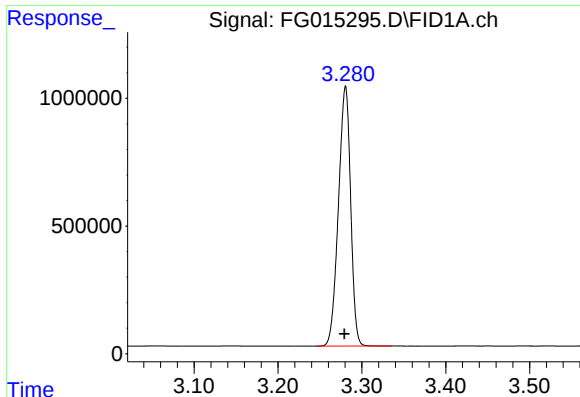
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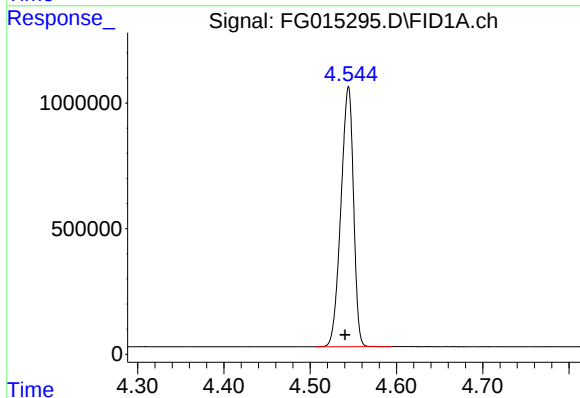




#1 n-Nonane (C9)

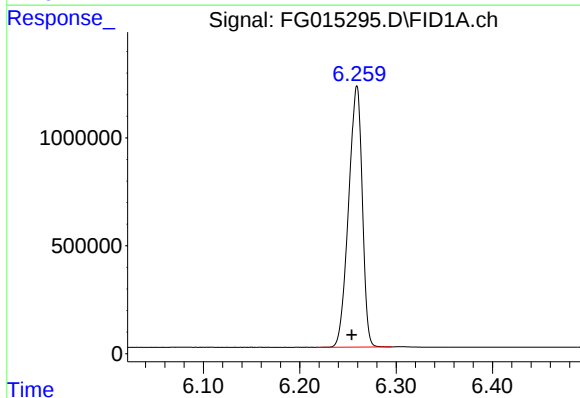
R.T.: 3.281 min
Delta R.T.: 0.002 min
Response: 10277233
Conc: 84.38 ug/ml

Instrument :
FID_G
ClientSampleId :



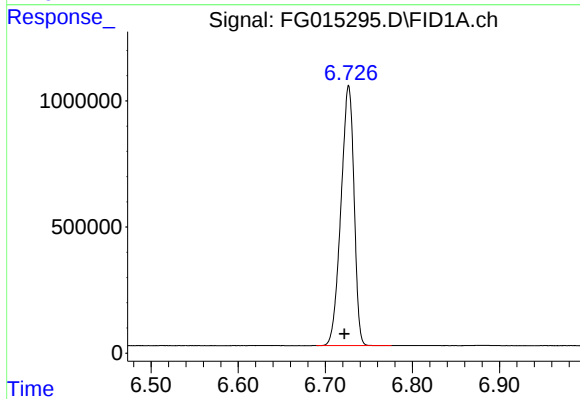
#2 n-Decane (C10)

R.T.: 4.544 min
Delta R.T.: 0.004 min
Response: 10508052
Conc: 84.57 ug/ml



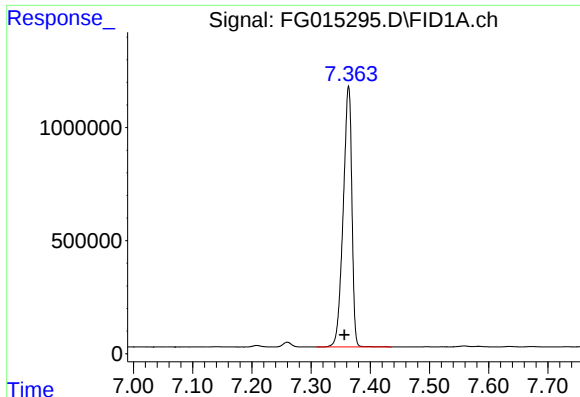
#3 A~Naphthalene (C11.7)

R.T.: 6.259 min
Delta R.T.: 0.005 min
Response: 11886604
Conc: 86.11 ug/ml



#4 n-Dodecane (C12)

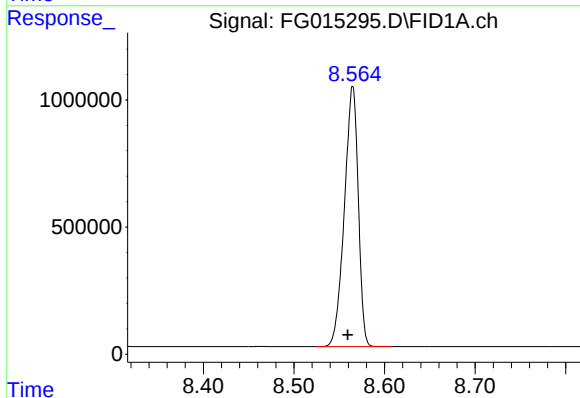
R.T.: 6.727 min
Delta R.T.: 0.005 min
Response: 10750825
Conc: 85.25 ug/ml



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

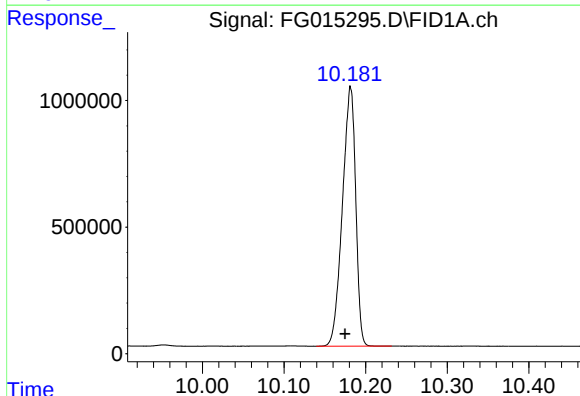
R.T.: 7.363 min
Delta R.T.: 0.007 min
Response: 11749542
Conc: 87.41 ug/ml

Instrument :
FID_G
ClientSampleId :



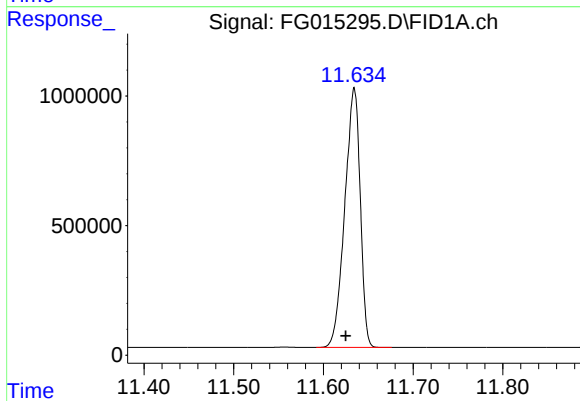
#6 n-Tetradecane (C14)

R.T.: 8.565 min
Delta R.T.: 0.005 min
Response: 10912231
Conc: 86.18 ug/ml



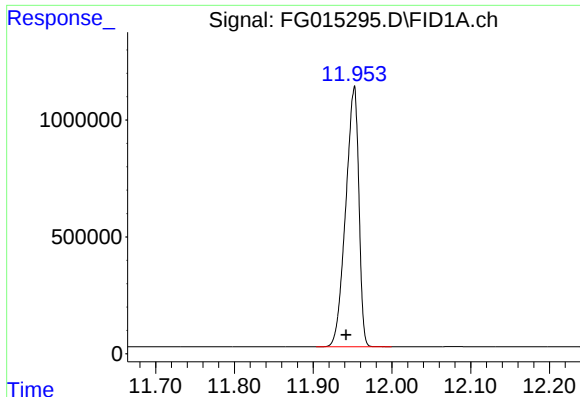
#7 n-Hexadecane (C16)

R.T.: 10.182 min
Delta R.T.: 0.007 min
Response: 11590916
Conc: 87.08 ug/ml



#8 n-Octadecane (C18)

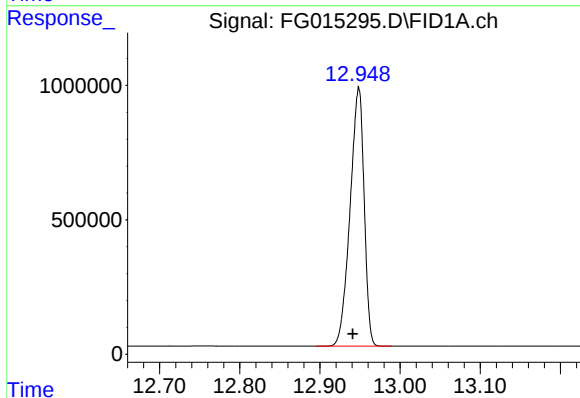
R.T.: 11.634 min
Delta R.T.: 0.009 min
Response: 11980315
Conc: 87.99 ug/ml



#9 ortho-Terphenyl (SURR)

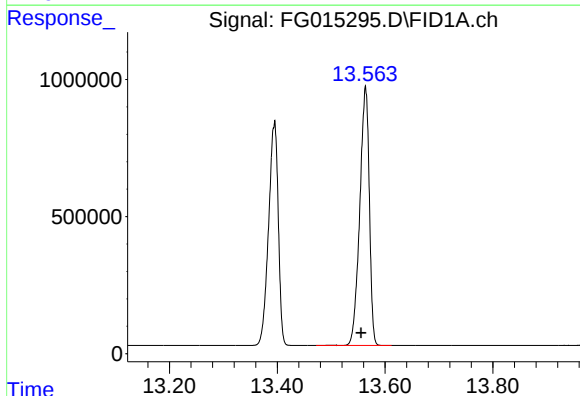
R.T.: 11.952 min
Delta R.T.: 0.010 min
Response: 12910147
Conc: 88.88 ug/ml

Instrument :
FID_G
ClientSampleId :



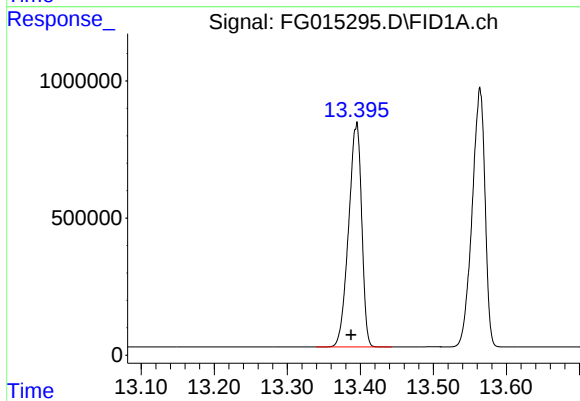
#10 n-Eicosane (C20)

R.T.: 12.948 min
Delta R.T.: 0.008 min
Response: 11699802
Conc: 88.76 ug/ml



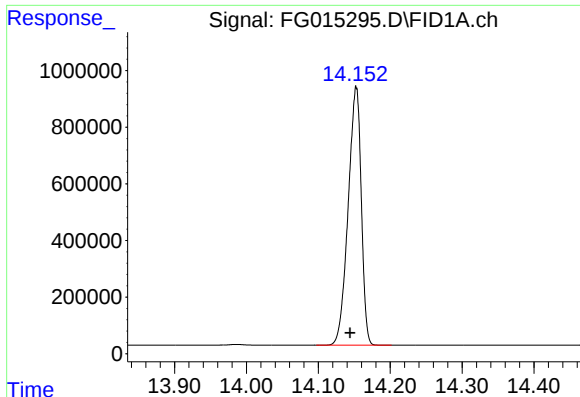
#11 n-Heneicosane (C21)

R.T.: 13.564 min
Delta R.T.: 0.008 min
Response: 11571612
Conc: 89.15 ug/ml



#12 1-chlorooctadecane (SURR)

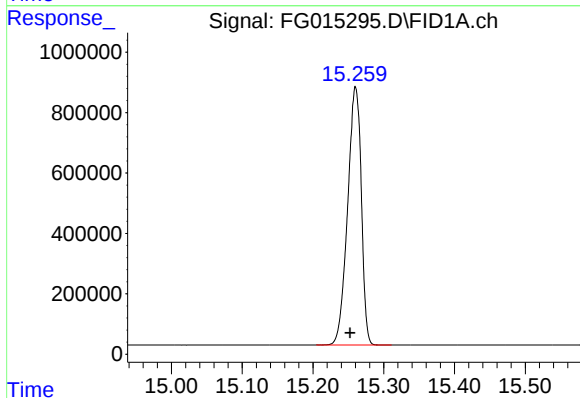
R.T.: 13.395 min
Delta R.T.: 0.007 min
Response: 10152846
Conc: 89.51 ug/ml



#13 n-Docosane (C22)

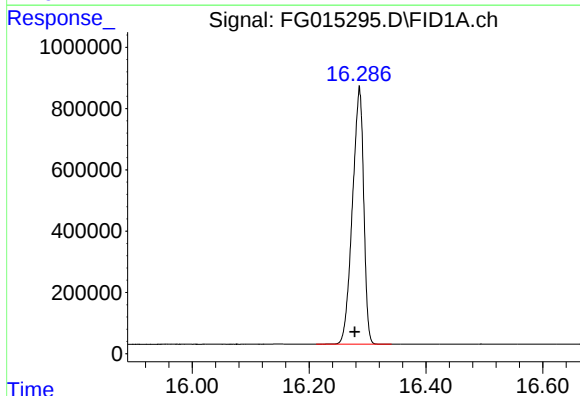
R.T.: 14.153 min
Delta R.T.: 0.008 min
Response: 11523759
Conc: 89.42 ug/ml

Instrument :
FID_G
ClientSampleId :



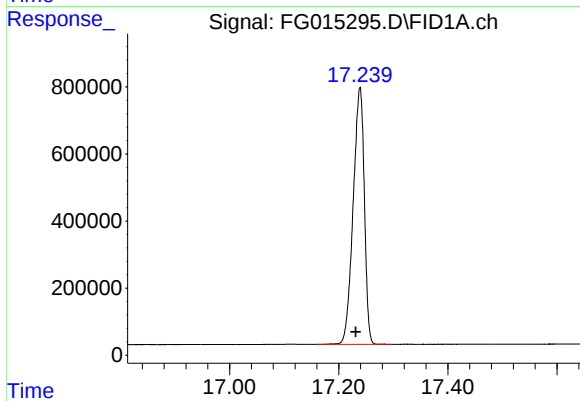
#14 n-Tetracosane (C24)

R.T.: 15.260 min
Delta R.T.: 0.008 min
Response: 11460062
Conc: 89.62 ug/ml



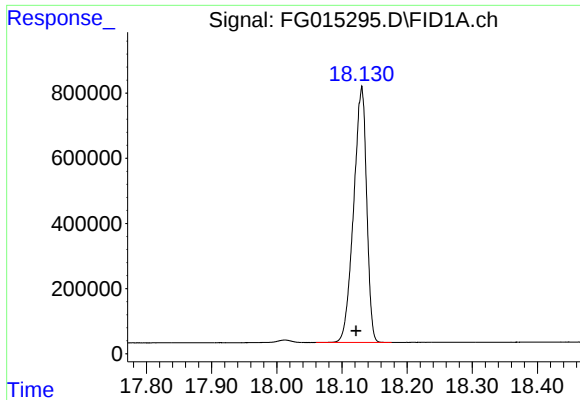
#15 n-Hexacosane (C26)

R.T.: 16.286 min
Delta R.T.: 0.008 min
Response: 11210728
Conc: 90.05 ug/ml



#16 n-Octacosane (C28)

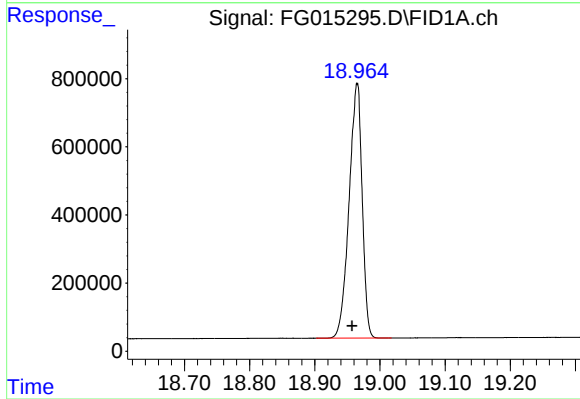
R.T.: 17.239 min
Delta R.T.: 0.008 min
Response: 10897331
Conc: 90.18 ug/ml



#17 n-Tricontane (C30)

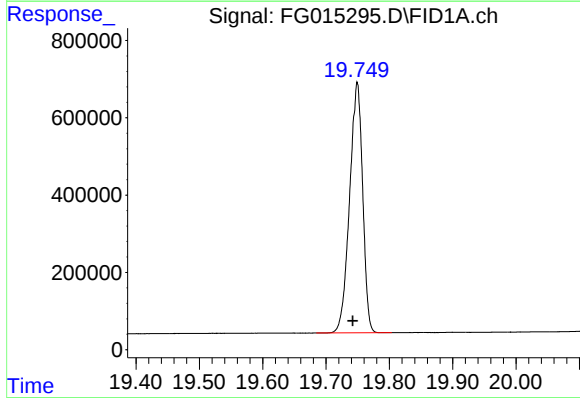
R.T.: 18.130 min
Delta R.T.: 0.009 min
Response: 10894040
Conc: 89.60 ug/ml

Instrument :
FID_G
ClientSampleId :



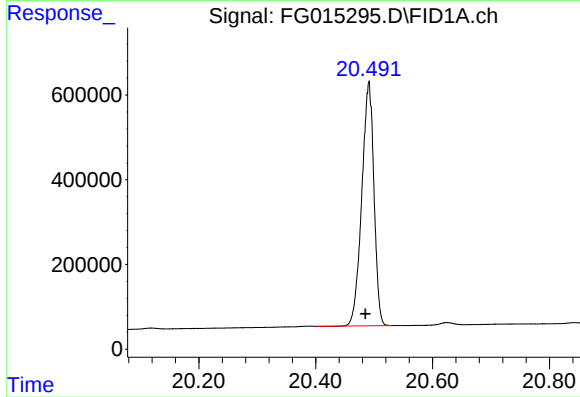
#18 n-Dotriacontane (C32)

R.T.: 18.965 min
Delta R.T.: 0.008 min
Response: 10424310
Conc: 89.59 ug/ml



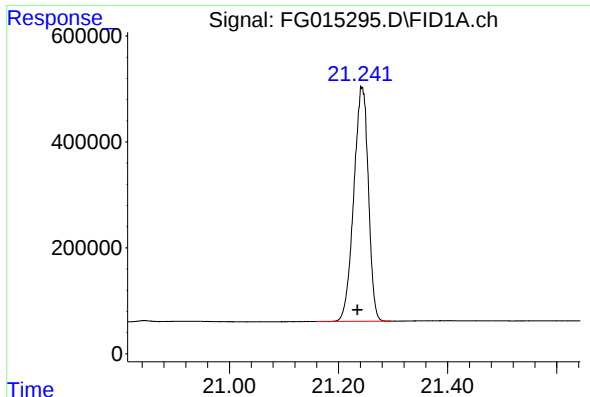
#19 n-Tetratriacontane (C34)

R.T.: 19.749 min
Delta R.T.: 0.008 min
Response: 9296422
Conc: 90.07 ug/ml



#20 n-Hexatriacontane (C36)

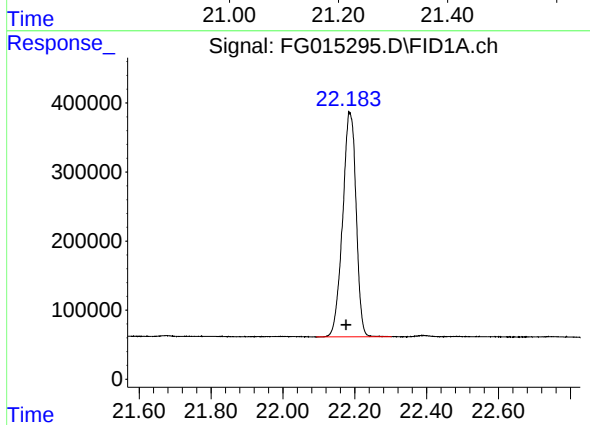
R.T.: 20.491 min
Delta R.T.: 0.006 min
Response: 8308821
Conc: 91.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.243 min
Delta R.T.: 0.008 min
Response: 8203022
Conc: 92.40 ug/ml

Instrument :
FID_G
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.185 min
Delta R.T.: 0.009 min
Response: 8469346
Conc: 93.87 ug/ml