

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020525AL\
 Data File : FG015299.D
 Signal(s) : FID1A.ch
 Acq On : 04 Feb 2025 12:59
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Feb 06 00:49:24 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)	11.938	762210	5.247 ug/ml
Spiked Amount 50.000		Recovery =	10.49%
12) S 1-chlorooctadecane (S...	13.386	595625	5.251 ug/ml
Spiked Amount 50.000		Recovery =	10.50%
Target Compounds			
1) T n-Nonane (C9)	3.278	636517	5.226 ug/ml
2) T n-Decane (C10)	4.539	647746	5.213 ug/ml
3) T A~Naphthalene (C11.7)	6.253	707172	5.123 ug/ml
4) T n-Dodecane (C12)	6.720	655545	5.198 ug/ml
5) T A~2-methylnaphthalene...	7.355	689054	5.126 ug/ml
6) T n-Tetradecane (C14)	8.557	660584	5.217 ug/ml
7) T n-Hexadecane (C16)	10.173	698675	5.249 ug/ml
8) T n-Octadecane (C18)	11.623	716362	5.261 ug/ml
10) T n-Eicosane (C20)	12.938	695625	5.277 ug/ml
11) T n-Heneicosane (C21)	13.554	685872	5.284 ug/ml
13) T n-Docosane (C22)	14.142	680548	5.281 ug/ml
14) T n-Tetracosane (C24)	15.250	680175	5.319 ug/ml
15) T n-Hexacosane (C26)	16.276	656696	5.275 ug/ml
16) T n-Octacosane (C28)	17.228	643519	5.325 ug/ml
17) T n-Tricontane (C30)	18.120	657705	5.410 ug/ml
18) T n-Dotriacontane (C32)	18.955	633697	5.446 ug/ml
19) T n-Tetratriacontane (C34)	19.741	560671	5.432 ug/ml
20) T n-Hexatriacontane (C36)	20.484	491078	5.380 ug/ml
21) T n-Octatriacontane (C38)	21.234	472672	5.324 ug/ml
22) T n-Tetracontane (C40)	22.174	476859	5.285 ug/ml

(f)=RT Delta > 1/2 Window

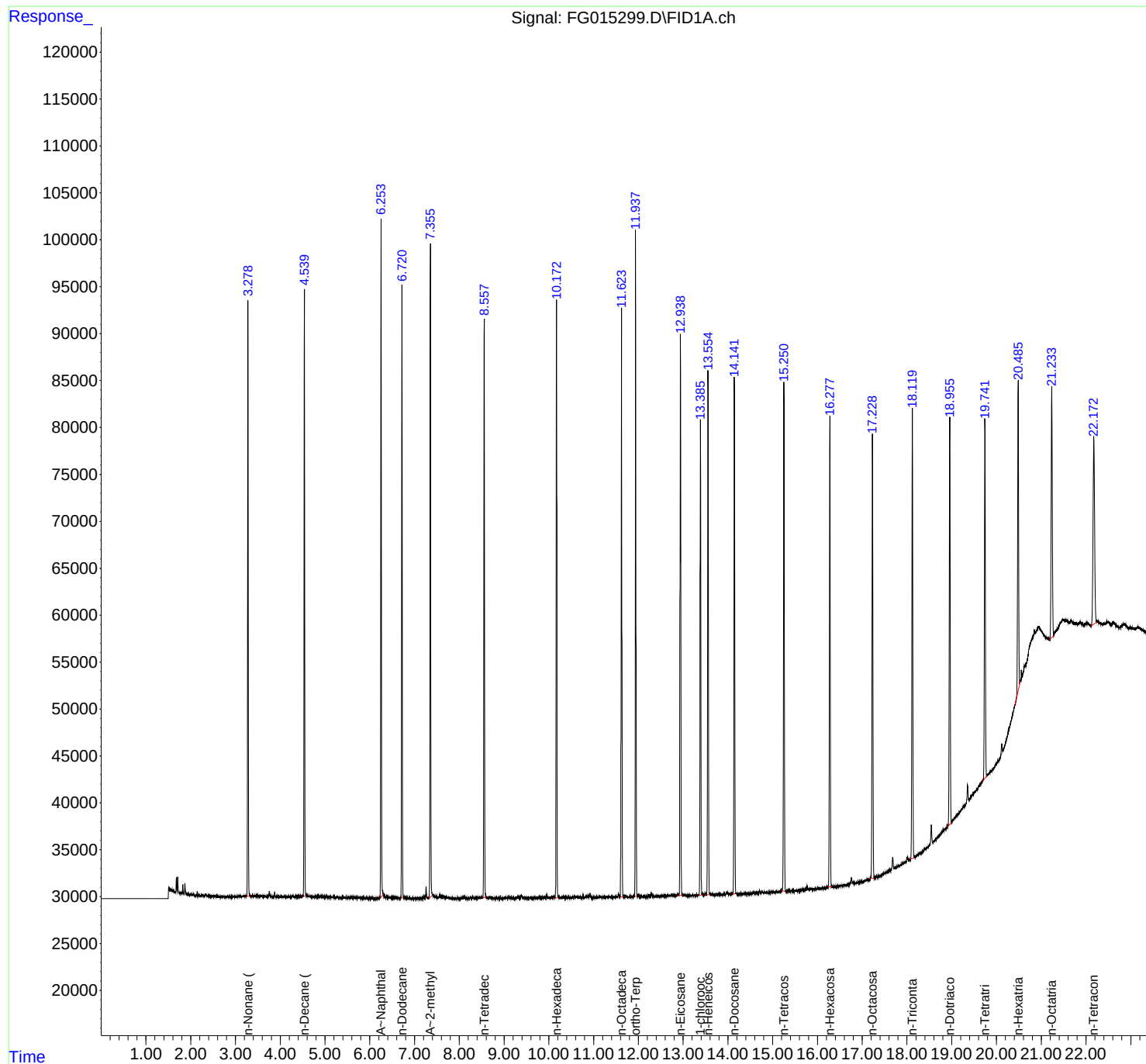
(m)=manual int.

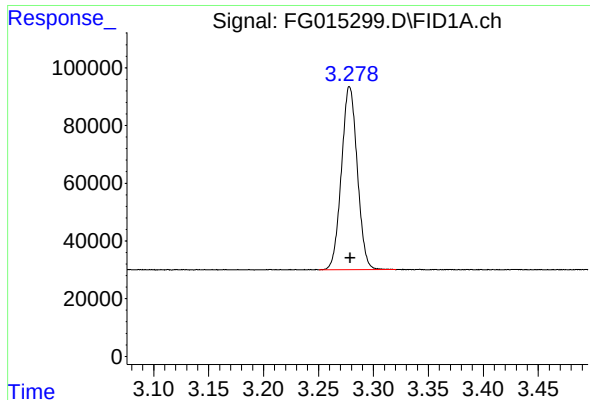
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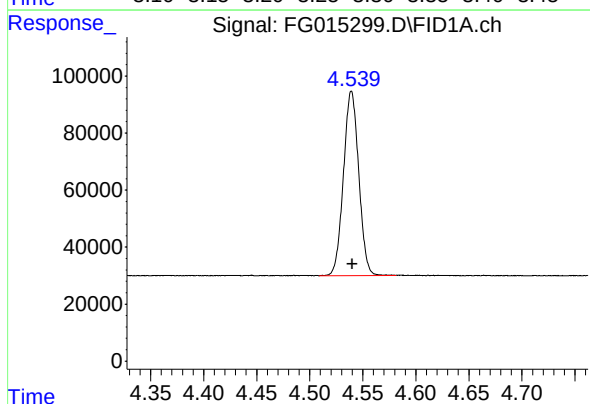




#1 n-Nonane (C9)

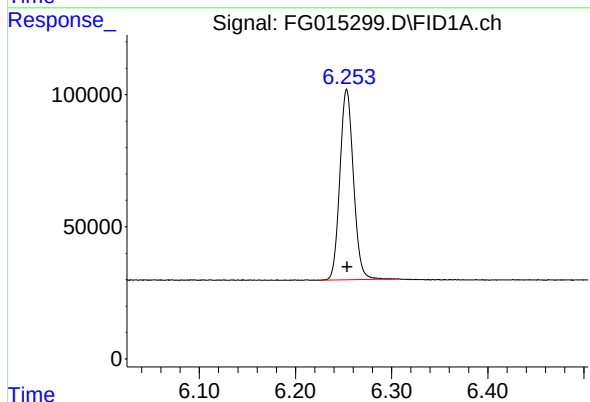
R.T.: 3.278 min
Delta R.T.: 0.000 min
Response: 636517
Conc: 5.23 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



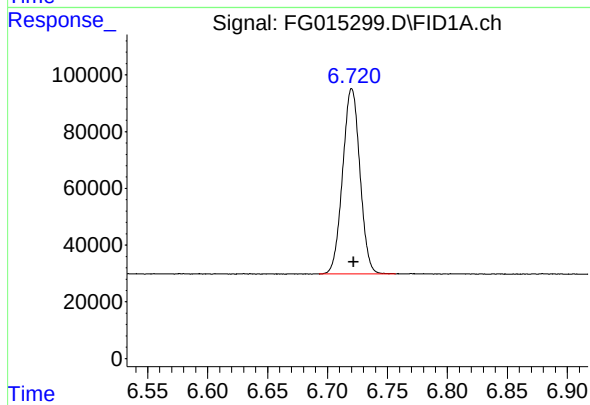
#2 n-Decane (C10)

R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 647746
Conc: 5.21 ug/ml



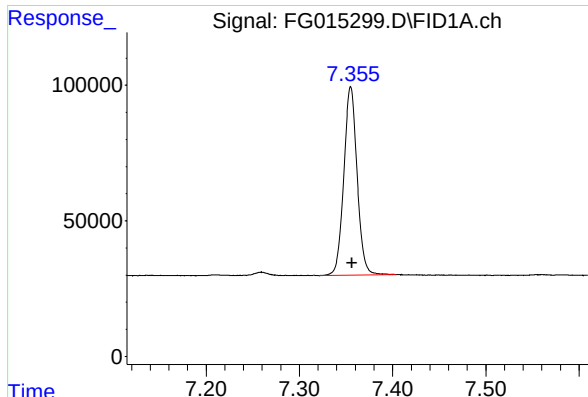
#3 A~Naphthalene (C11.7)

R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 707172
Conc: 5.12 ug/ml



#4 n-Dodecane (C12)

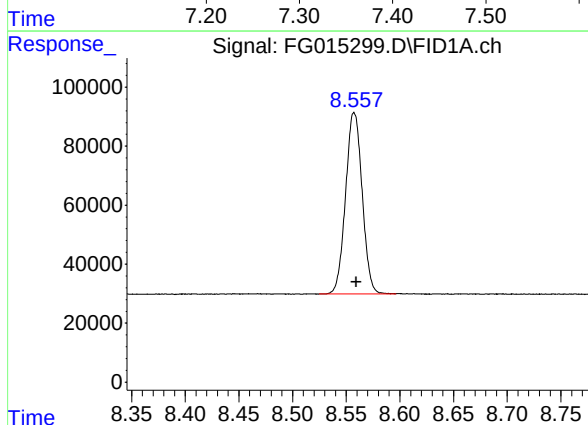
R.T.: 6.720 min
Delta R.T.: -0.002 min
Response: 655545
Conc: 5.20 ug/ml



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

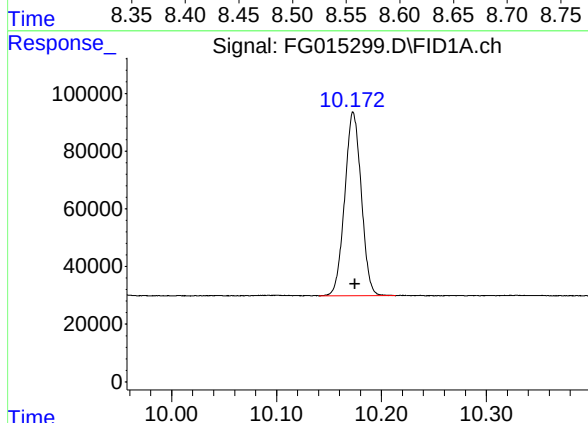
R.T.: 7.355 min
Delta R.T.: -0.001 min
Response: 689054
Conc: 5.13 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



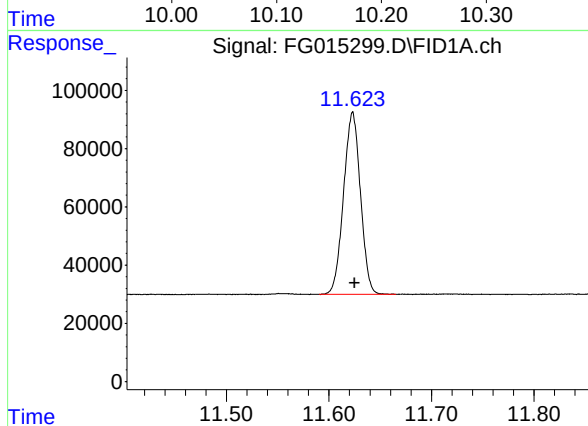
#6 n-Tetradecane (C14)

R.T.: 8.557 min
Delta R.T.: -0.002 min
Response: 660584
Conc: 5.22 ug/ml



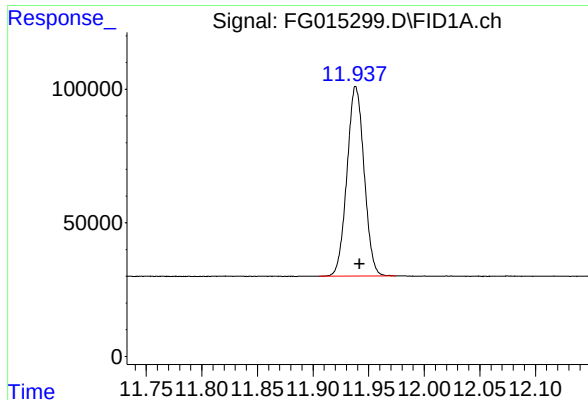
#7 n-Hexadecane (C16)

R.T.: 10.173 min
Delta R.T.: -0.002 min
Response: 698675
Conc: 5.25 ug/ml



#8 n-Octadecane (C18)

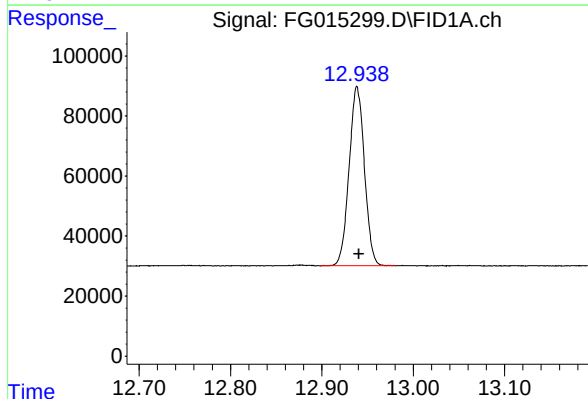
R.T.: 11.623 min
Delta R.T.: -0.002 min
Response: 716362
Conc: 5.26 ug/ml



#9 ortho-Terphenyl (SURR)

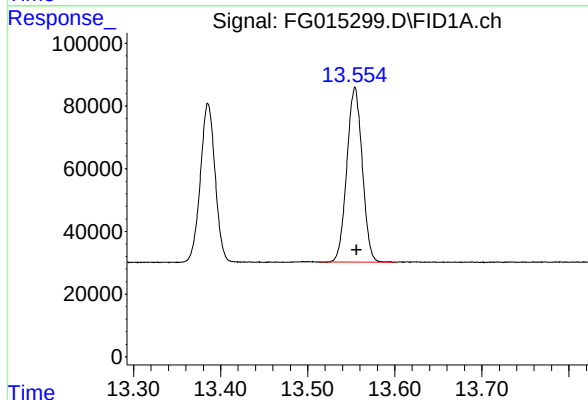
R.T.: 11.938 min
Delta R.T.: -0.003 min
Response: 762210
Conc: 5.25 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



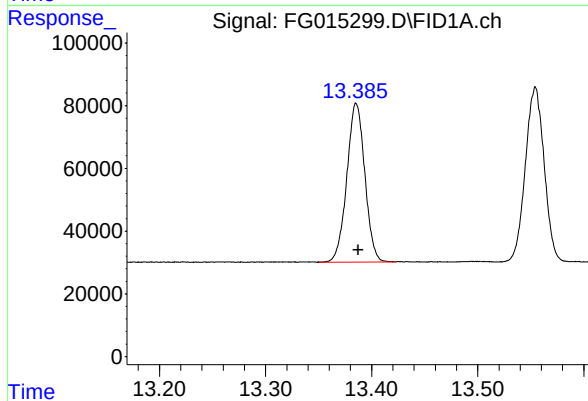
#10 n-Eicosane (C20)

R.T.: 12.938 min
Delta R.T.: -0.002 min
Response: 695625
Conc: 5.28 ug/ml



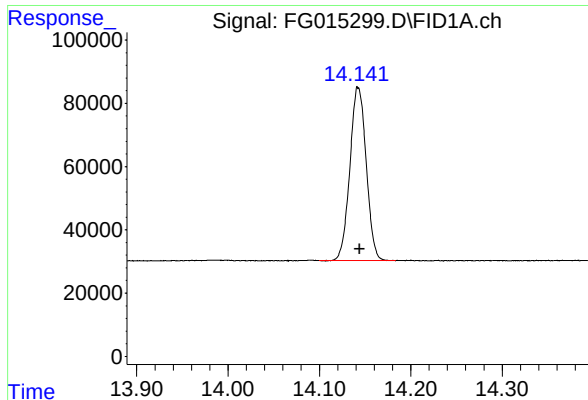
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: -0.002 min
Response: 685872
Conc: 5.28 ug/ml



#12 1-chlorooctadecane (SURR)

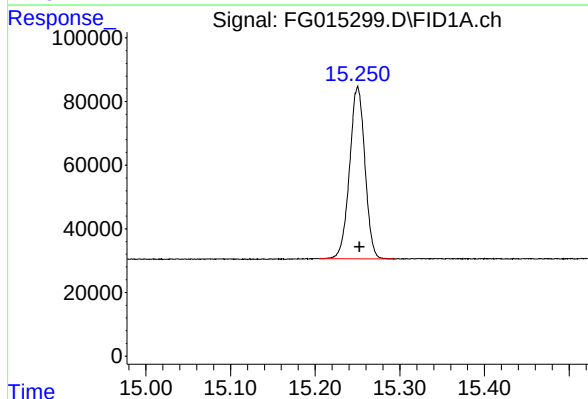
R.T.: 13.386 min
Delta R.T.: -0.002 min
Response: 595625
Conc: 5.25 ug/ml



#13 n-Docosane (C22)

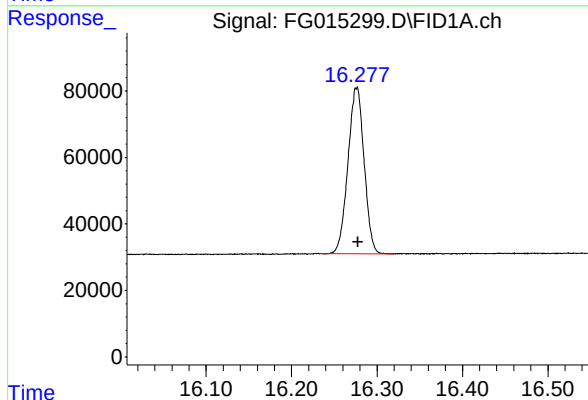
R.T.: 14.142 min
Delta R.T.: -0.002 min
Response: 680548
Conc: 5.28 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



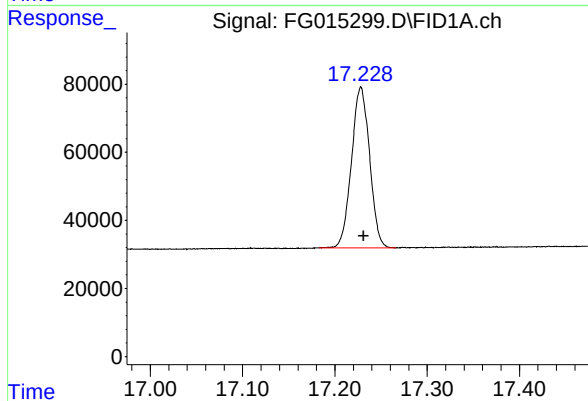
#14 n-Tetracosane (C24)

R.T.: 15.250 min
Delta R.T.: -0.002 min
Response: 680175
Conc: 5.32 ug/ml



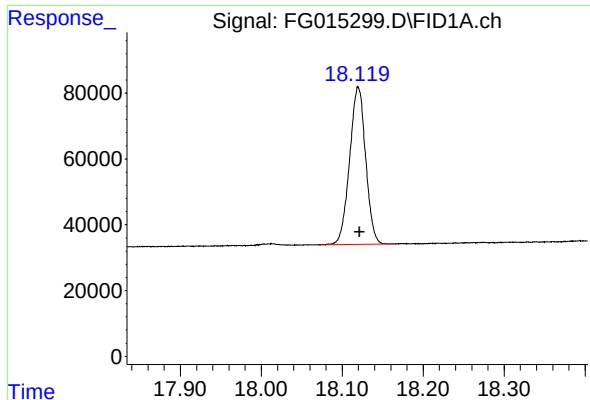
#15 n-Hexacosane (C26)

R.T.: 16.276 min
Delta R.T.: -0.002 min
Response: 656696
Conc: 5.28 ug/ml



#16 n-Octacosane (C28)

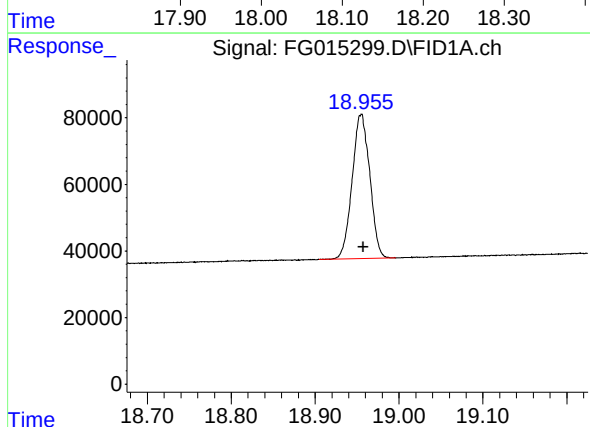
R.T.: 17.228 min
Delta R.T.: -0.003 min
Response: 643519
Conc: 5.33 ug/ml



#17 n-Tricontane (C30)

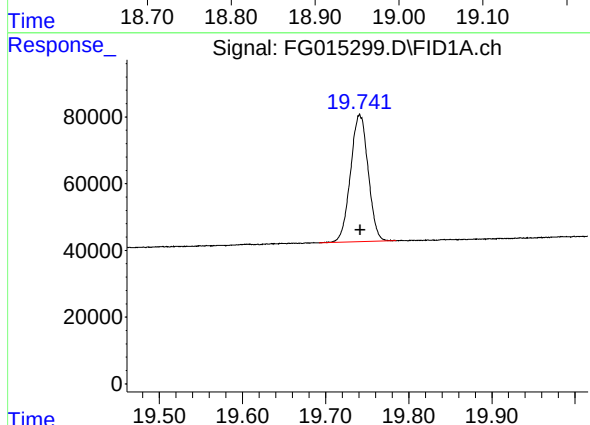
R.T.: 18.120 min
Delta R.T.: -0.002 min
Response: 657705
Conc: 5.41 ug/ml

Instrument :
FID_G
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5 PPM ALIPHATIC HC STD5



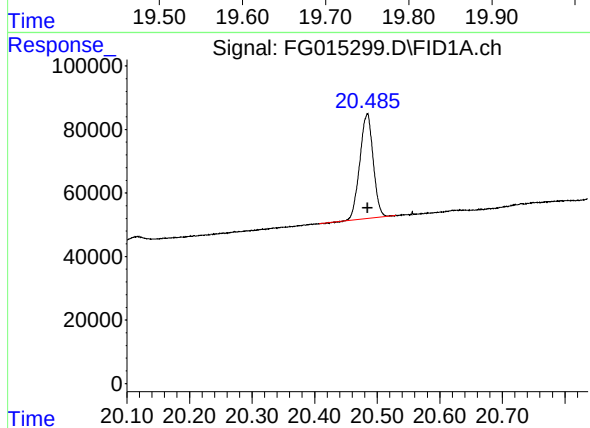
#18 n-Dotriacontane (C32)

R.T.: 18.955 min
Delta R.T.: -0.002 min
Response: 633697
Conc: 5.45 ug/ml



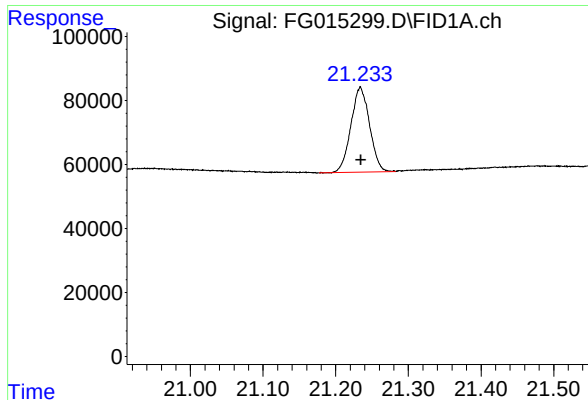
#19 n-Tetratriacontane (C34)

R.T.: 19.741 min
Delta R.T.: 0.000 min
Response: 560671
Conc: 5.43 ug/ml



#20 n-Hexatriacontane (C36)

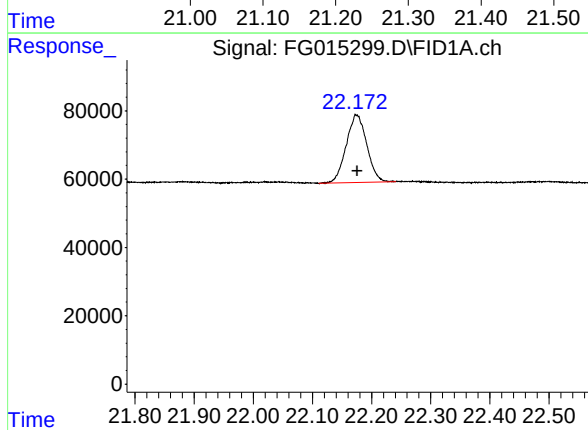
R.T.: 20.484 min
Delta R.T.: 0.000 min
Response: 491078
Conc: 5.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.234 min
Delta R.T.: 0.000 min
Response: 472672
Conc: 5.32 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.174 min
Delta R.T.: -0.002 min
Response: 476859
Conc: 5.29 ug/ml