

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020525AL\
 Data File : FG015300.D
 Signal(s) : FID1A.ch
 Acq On : 04 Feb 2025 13:28
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Feb 06 01:56:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 01:54:48 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)	11.941	2858836	20.326 ug/ml
Spiked Amount 50.000		Recovery =	40.65%
12) S 1-chlorooctadecane (S...	13.386	2237361	20.323 ug/ml
Spiked Amount 50.000		Recovery =	40.65%
Target Compounds			
1) T n-Nonane (C9)	3.277	2328757	20.175 ug/ml
2) T n-Decane (C10)	4.539	2373440	20.166 ug/ml
3) T A~Naphthalene (C11.7)	6.253	2666965	20.328 ug/ml
4) T n-Dodecane (C12)	6.721	2418072	20.192 ug/ml
5) T A~2-methylnaphthalene...	7.356	2606000	20.307 ug/ml
6) T n-Tetradecane (C14)	8.558	2436820	20.163 ug/ml
7) T n-Hexadecane (C16)	10.174	2579981	20.190 ug/ml
8) T n-Octadecane (C18)	11.624	2668264	20.306 ug/ml
10) T n-Eicosane (C20)	12.940	2591362	20.279 ug/ml
11) T n-Heneicosane (C21)	13.554	2558384	20.303 ug/ml
13) T n-Docosane (C22)	14.143	2547482	20.339 ug/ml
14) T n-Tetracosane (C24)	15.252	2532057	20.310 ug/ml
15) T n-Hexacosane (C26)	16.278	2473475	20.391 ug/ml
16) T n-Octacosane (C28)	17.230	2418719	20.455 ug/ml
17) T n-Tricontane (C30)	18.120	2436360	20.405 ug/ml
18) T n-Dotriacontane (C32)	18.956	2334688	20.363 ug/ml
19) T n-Tetratriacontane (C34)	19.743	2072925	20.370 ug/ml
20) T n-Hexatriacontane (C36)	20.483	1832755	20.317 ug/ml
21) T n-Octatriacontane (C38)	21.235	1796176	20.477 ug/ml
22) T n-Tetracontane (C40)	22.175	1838870	20.556 ug/ml

(f)=RT Delta > 1/2 Window

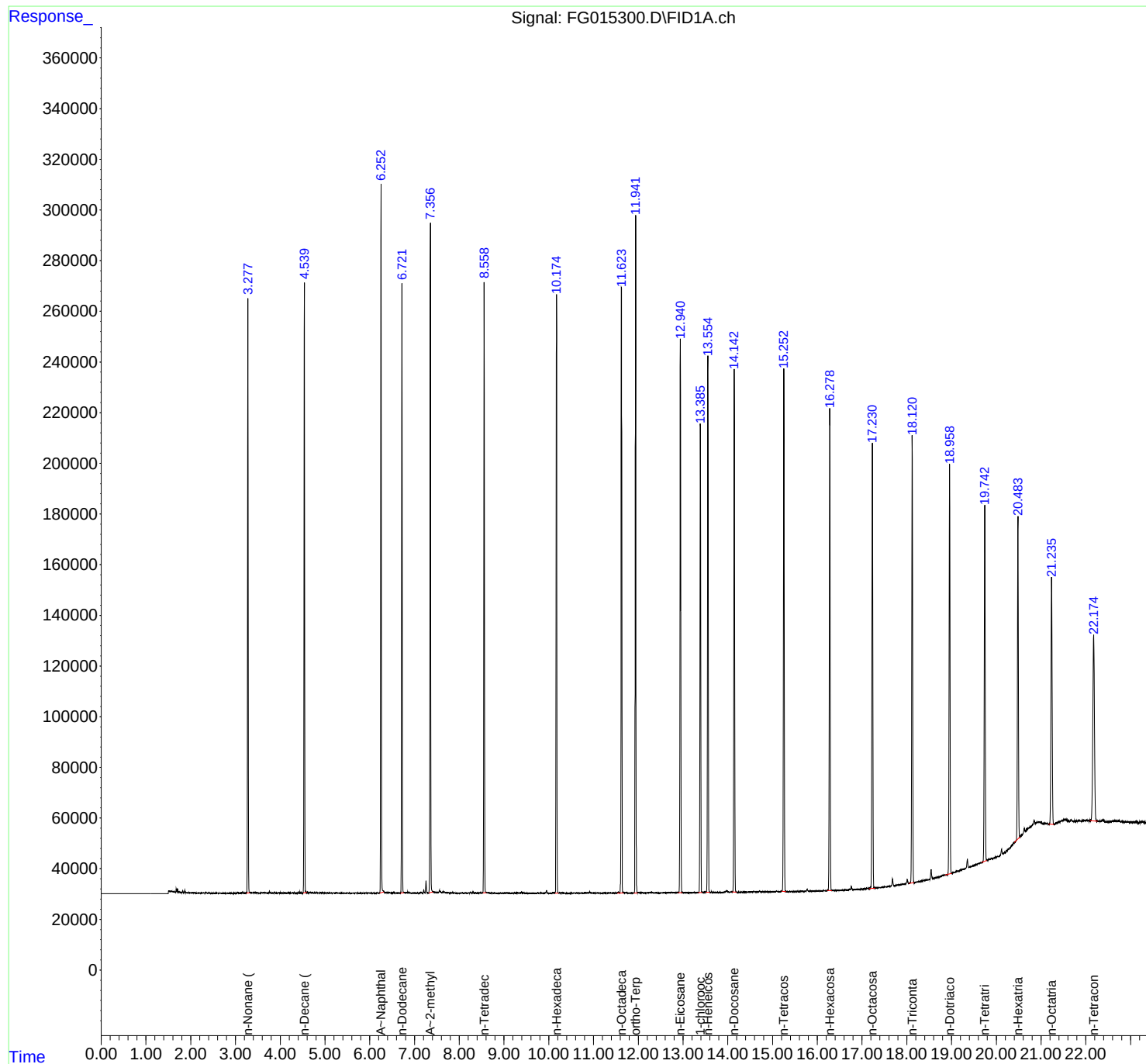
(m)=manual int.

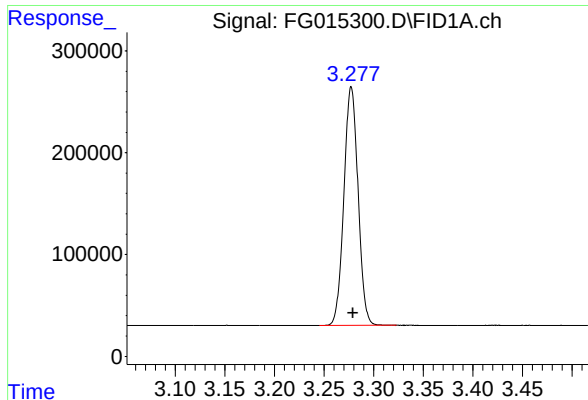
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#1 n-Nonane (C9)

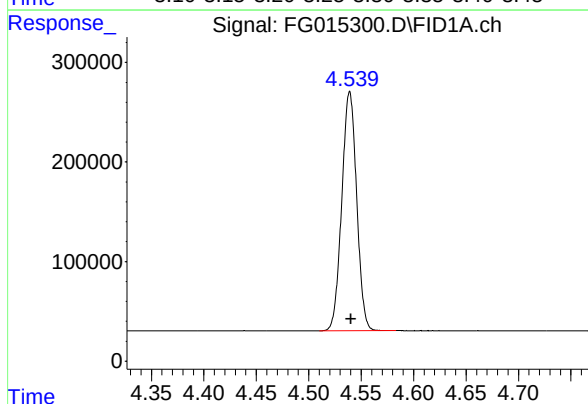
R.T.: 3.277 min
Delta R.T.: -0.002 min
Response: 2328757
Conc: 20.18 ug/ml

Instrument :

FID_G

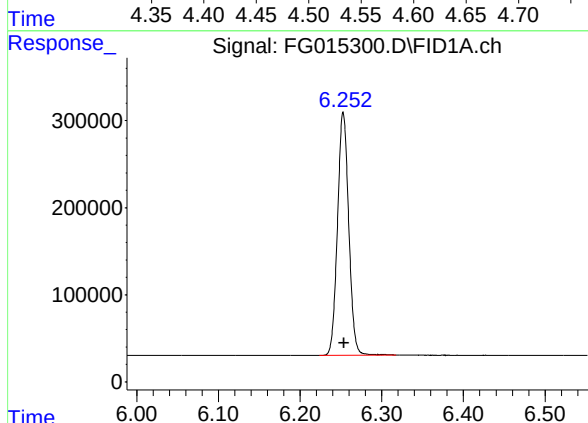
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



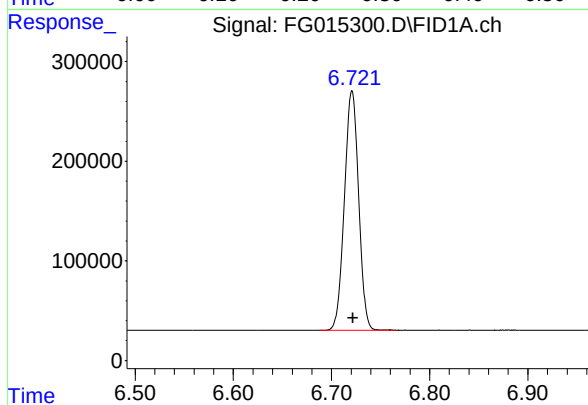
#2 n-Decane (C10)

R.T.: 4.539 min
Delta R.T.: -0.001 min
Response: 2373440
Conc: 20.17 ug/ml



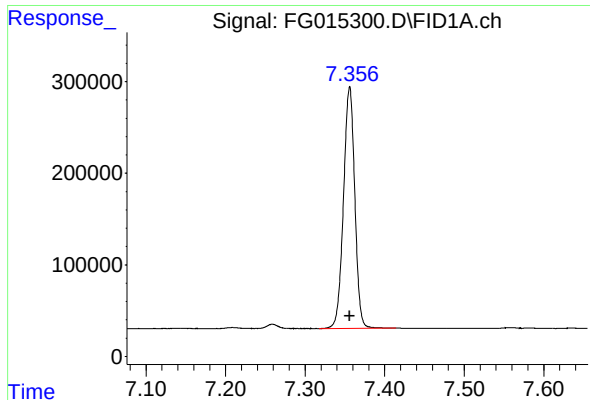
#3 A~Naphthalene (C11.7)

R.T.: 6.253 min
Delta R.T.: -0.001 min
Response: 2666965
Conc: 20.33 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 2418072
Conc: 20.19 ug/ml



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

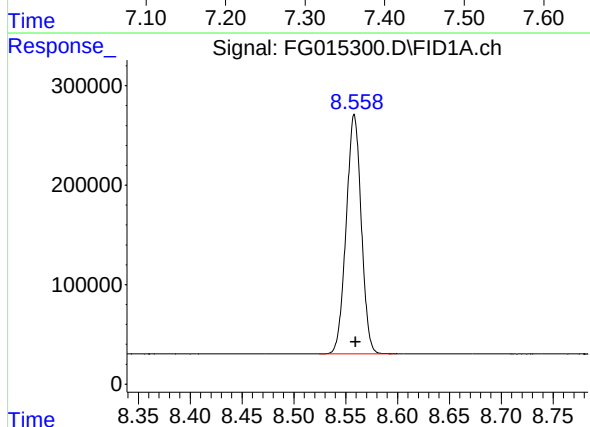
R.T.: 7.356 min
Delta R.T.: 0.000 min
Response: 2606000
Conc: 20.31 ug/ml

Instrument :

FID_G

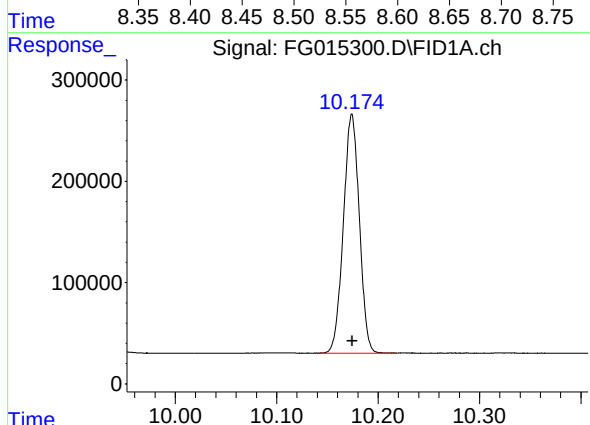
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



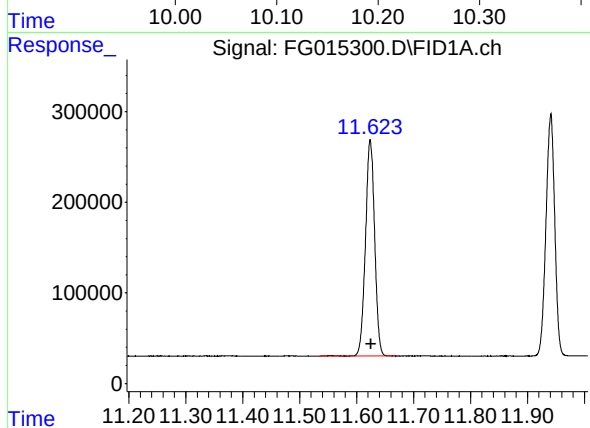
#6 n-Tetradecane (C14)

R.T.: 8.558 min
Delta R.T.: -0.001 min
Response: 2436820
Conc: 20.16 ug/ml



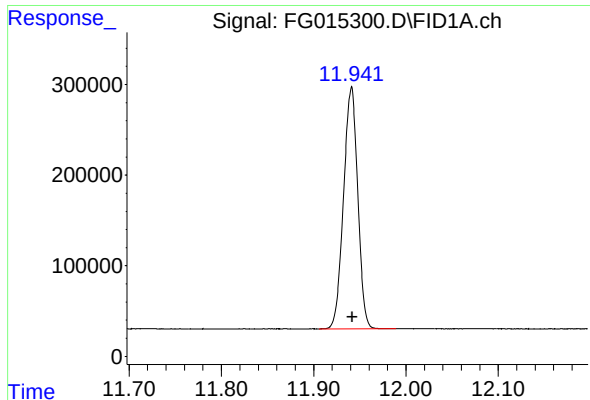
#7 n-Hexadecane (C16)

R.T.: 10.174 min
Delta R.T.: 0.000 min
Response: 2579981
Conc: 20.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.624 min
Delta R.T.: -0.001 min
Response: 2668264
Conc: 20.31 ug/ml



#9 ortho-Terphenyl (SURR)

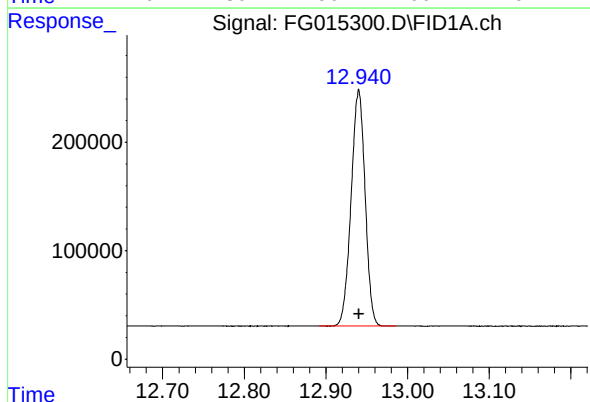
R.T.: 11.941 min
Delta R.T.: 0.000 min
Response: 2858836
Conc: 20.33 ug/ml

Instrument :

FID_G

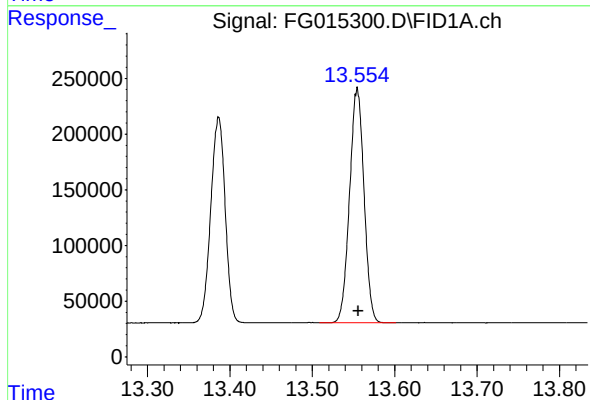
ClientSampleId :

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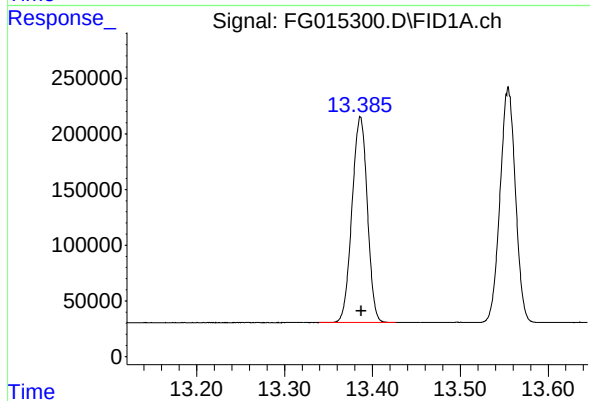
#10 n-Eicosane (C20)

R.T.: 12.940 min
Delta R.T.: 0.000 min
Response: 2591362
Conc: 20.28 ug/ml



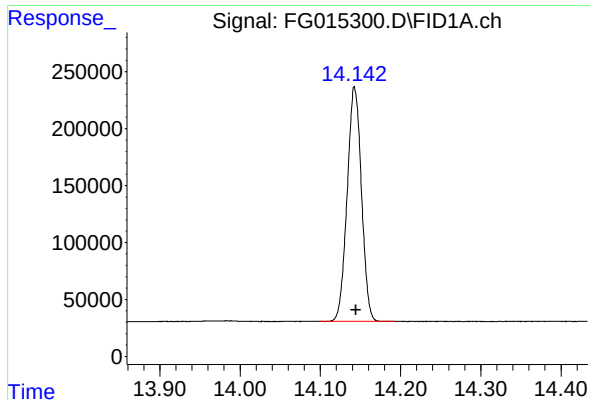
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: -0.002 min
Response: 2558384
Conc: 20.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.386 min
Delta R.T.: -0.001 min
Response: 2237361
Conc: 20.32 ug/ml



#13 n-Docosane (C22)

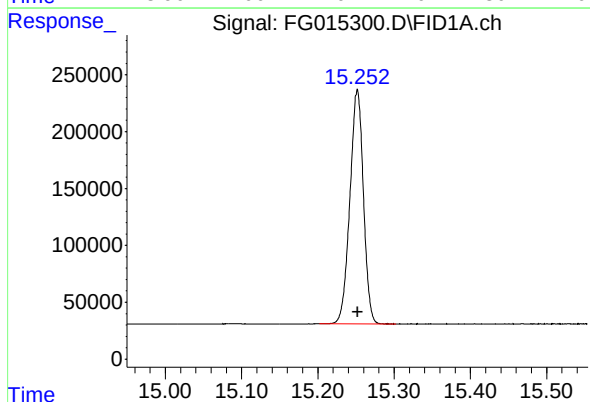
R.T.: 14.143 min
Delta R.T.: -0.002 min
Response: 2547482
Conc: 20.34 ug/ml

Instrument :

FID_G

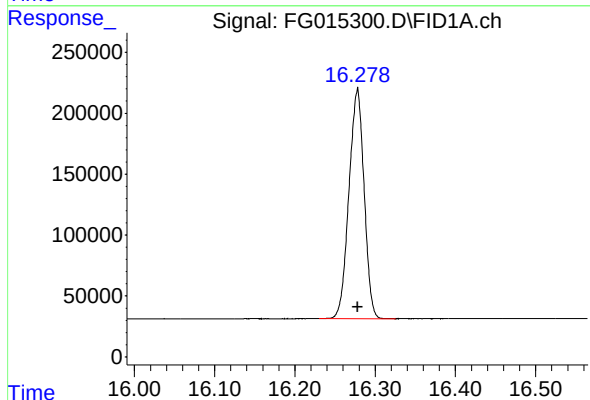
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



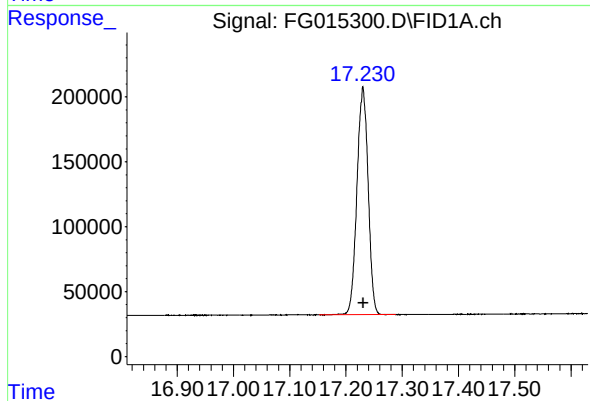
#14 n-Tetracosane (C24)

R.T.: 15.252 min
Delta R.T.: 0.000 min
Response: 2532057
Conc: 20.31 ug/ml



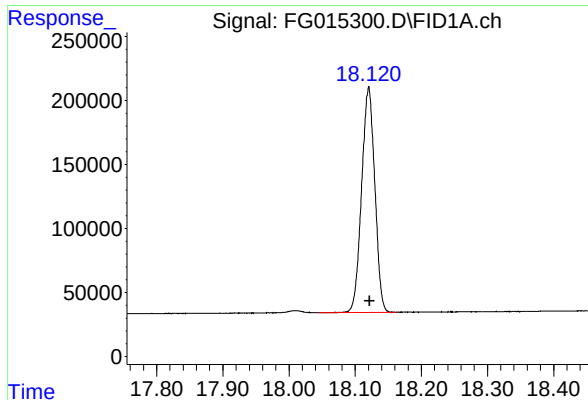
#15 n-Hexacosane (C26)

R.T.: 16.278 min
Delta R.T.: 0.000 min
Response: 2473475
Conc: 20.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.230 min
Delta R.T.: 0.000 min
Response: 2418719
Conc: 20.45 ug/ml



#17 n-Tricontane (C30)

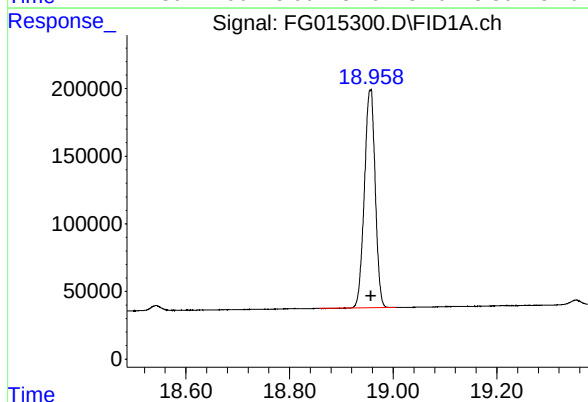
R.T.: 18.120 min
Delta R.T.: -0.001 min
Response: 2436360
Conc: 20.40 ug/ml

Instrument :

FID_G

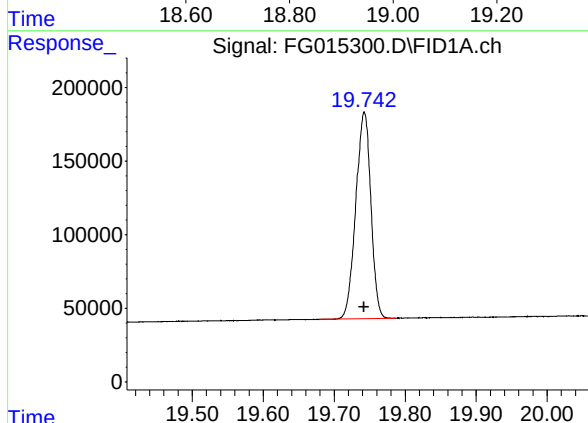
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



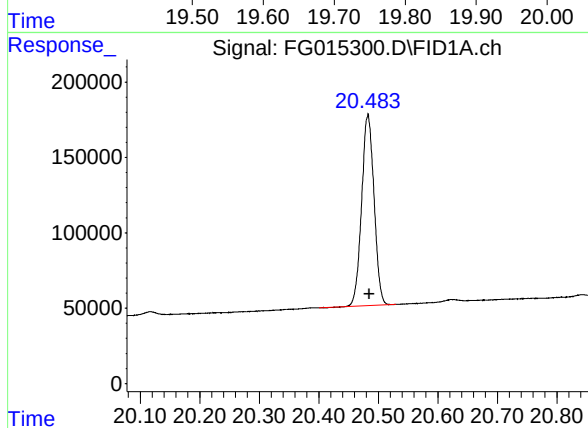
#18 n-Dotriacontane (C32)

R.T.: 18.956 min
Delta R.T.: 0.000 min
Response: 2334688
Conc: 20.36 ug/ml



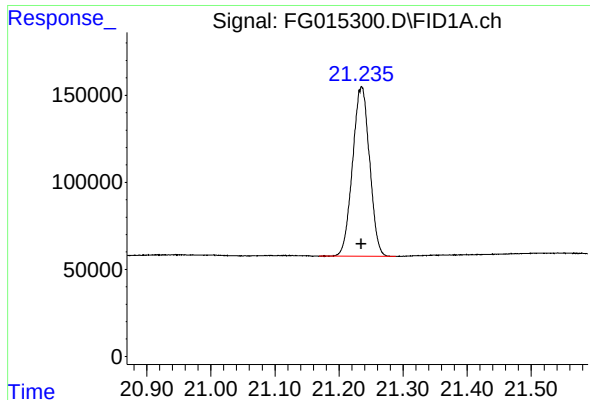
#19 n-Tetatriacontane (C34)

R.T.: 19.743 min
Delta R.T.: 0.000 min
Response: 2072925
Conc: 20.37 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.483 min
Delta R.T.: -0.002 min
Response: 1832755
Conc: 20.32 ug/ml



#21 n-Octatriacontane (C38)

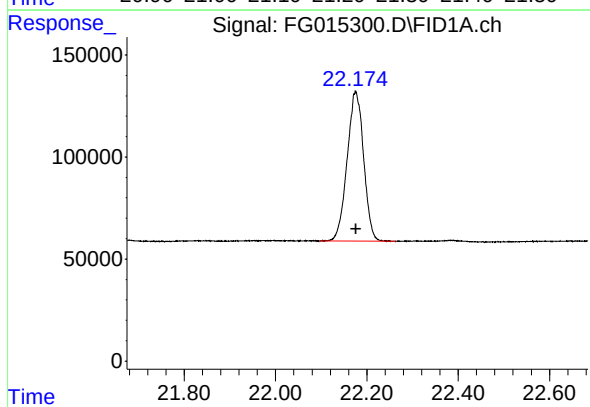
R.T.: 21.235 min
Delta R.T.: 0.000 min
Response: 1796176
Conc: 20.48 ug/ml

Instrument :

FID_G

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#22 n-Tetracontane (C40)

R.T.: 22.175 min
Delta R.T.: 0.000 min
Response: 1838870
Conc: 20.56 ug/ml