

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121223AL\
 Data File : FG013279.D
 Signal(s) : FID1A.ch
 Acq On : 12 Dec 2023 11:39
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Dec 12 11:58:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 121223.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 12 11:26:45 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)	11.977	2798174	22.489 ug/ml
Spiked Amount 50.000		Recovery =	44.98%
12) S 1-chlorooctadecane (S...	13.417	2013508	22.406 ug/ml
Spiked Amount 50.000		Recovery =	44.81%
Target Compounds			
1) T n-Nonane (C9)	3.331	2343371	22.545 ug/ml
2) T n-Decane (C10)	4.586	2393469	22.897 ug/ml
3) T A~Naphthalene (C11.7)	6.300	2554842	22.934 ug/ml
4) T n-Dodecane (C12)	6.760	2391223	22.916 ug/ml
5) T A~2-methylnaphthalene...	7.399	2480016	23.126 ug/ml
6) T n-Tetradecane (C14)	8.594	2326578	22.814 ug/ml
7) T n-Hexadecane (C16)	10.207	2351809	22.600 ug/ml
8) T n-Octadecane (C18)	11.656	2377257	22.467 ug/ml
10) T n-Eicosane (C20)	12.969	2309166	22.367 ug/ml
11) T n-Heneicosane (C21)	13.583	2279694	22.390 ug/ml
13) T n-Docosane (C22)	14.172	2275803	22.317 ug/ml
14) T n-Tetracosane (C24)	15.278	2332466	21.893 ug/ml
15) T n-Hexacosane (C26)	16.301	2267236	22.134 ug/ml
16) T n-Octacosane (C28)	17.253	2247892	21.986 ug/ml
17) T n-Tricontane (C30)	18.144	2285075	21.735 ug/ml
18) T n-Dotriacontane (C32)	18.975	2258214	21.460 ug/ml
19) T n-Tetratriacontane (C34)	19.760	2136644	21.158 ug/ml
20) T n-Hexatriacontane (C36)	20.501	2027192	20.313 ug/ml
21) T n-Octatriacontane (C38)	21.255	1838869	18.937 ug/ml
22) T n-Tetracontane (C40)	22.200	1619563	17.301 ug/ml

(f)=RT Delta > 1/2 Window

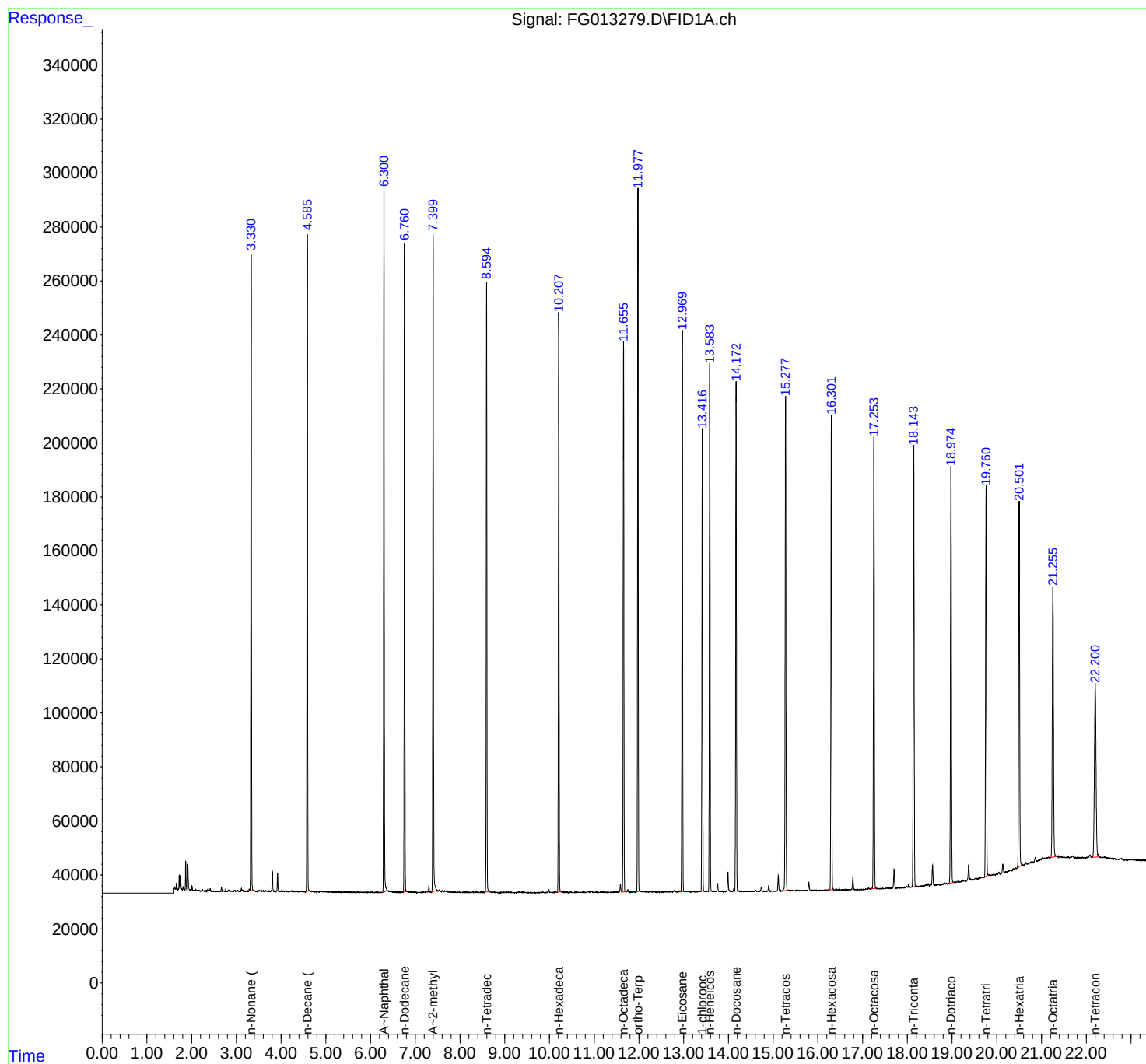
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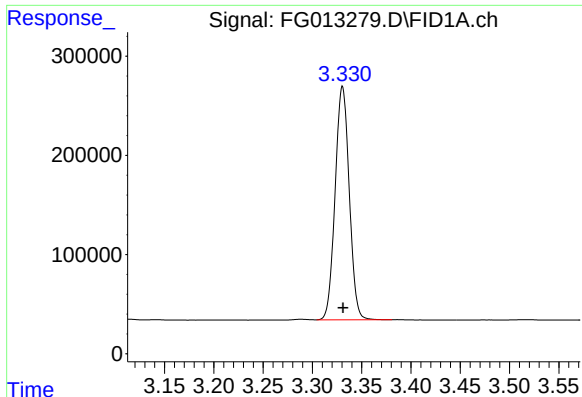
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#1 n-Nonane (C9)

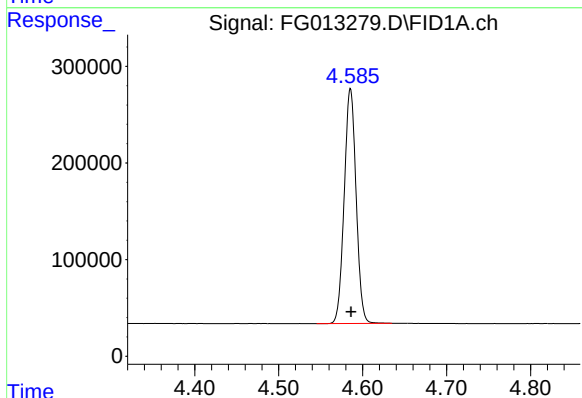
R.T.: 3.331 min
Delta R.T.: 0.000 min
Response: 2343371
Conc: 22.55 ug/ml

Instrument :

FID_G

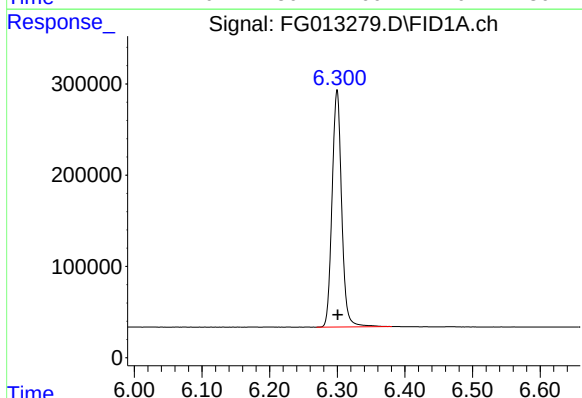
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



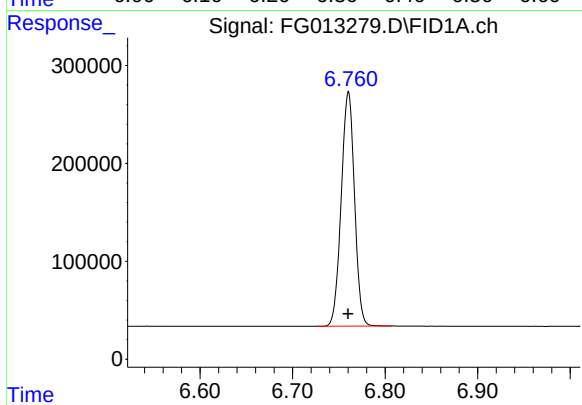
#2 n-Decane (C10)

R.T.: 4.586 min
Delta R.T.: 0.000 min
Response: 2393469
Conc: 22.90 ug/ml



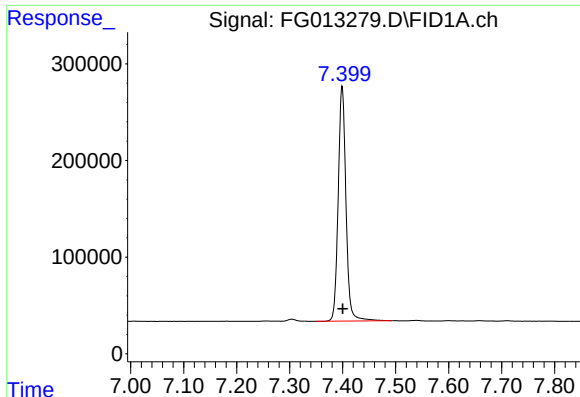
#3 A~Naphthalene (C11.7)

R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 2554842
Conc: 22.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 2391223
Conc: 22.92 ug/ml



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

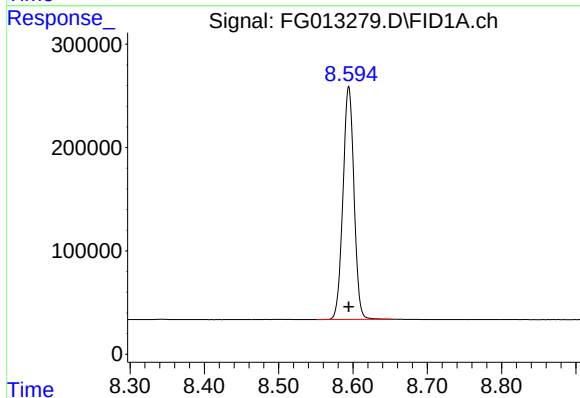
R.T.: 7.399 min
Delta R.T.: -0.001 min
Response: 2480016
Conc: 23.13 ug/ml

Instrument :

FID_G

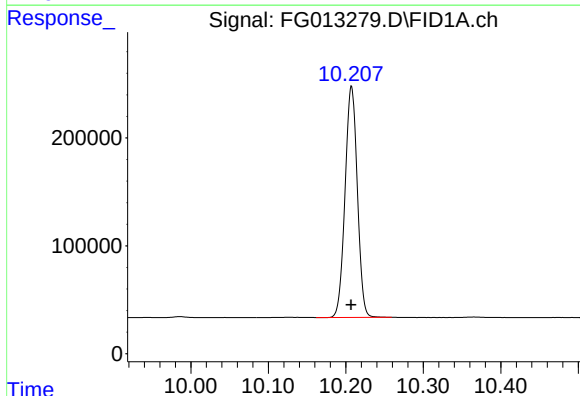
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



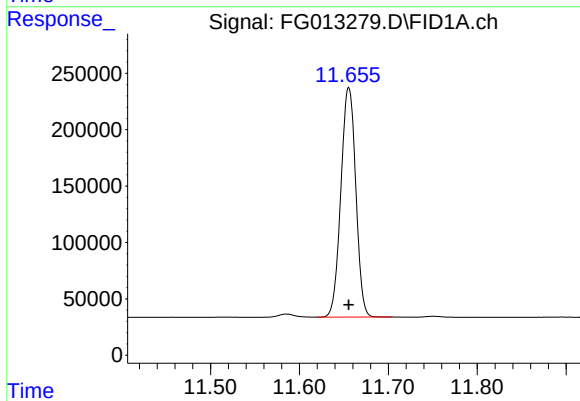
#6 n-Tetradecane (C14)

R.T.: 8.594 min
Delta R.T.: 0.000 min
Response: 2326578
Conc: 22.81 ug/ml



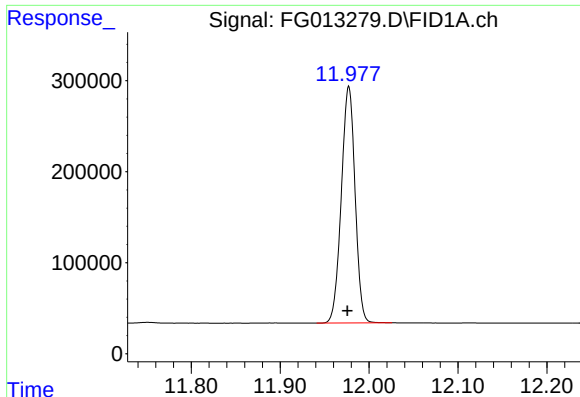
#7 n-Hexadecane (C16)

R.T.: 10.207 min
Delta R.T.: 0.000 min
Response: 2351809
Conc: 22.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.656 min
Delta R.T.: 0.000 min
Response: 2377257
Conc: 22.47 ug/ml



#9 ortho-Terphenyl (SURR)

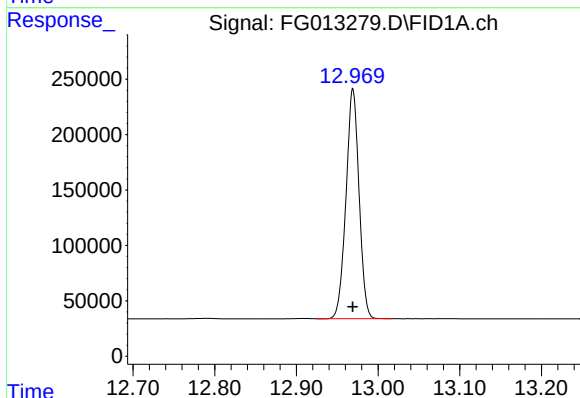
R.T.: 11.977 min
Delta R.T.: 0.002 min
Response: 2798174
Conc: 22.49 ug/ml

Instrument :

FID_G

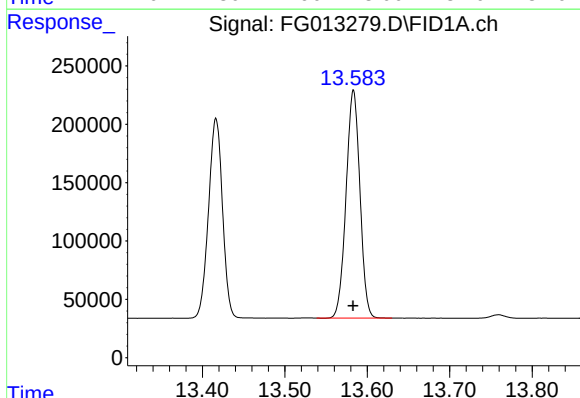
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



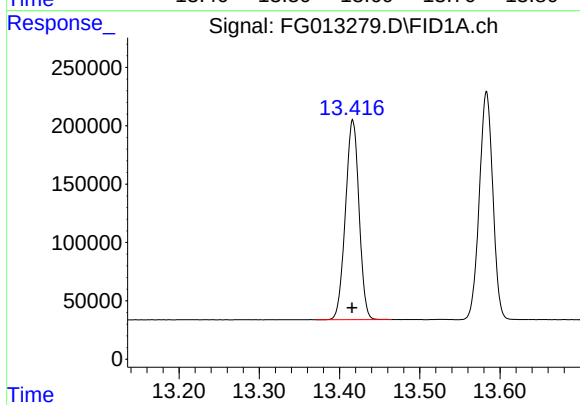
#10 n-Eicosane (C20)

R.T.: 12.969 min
Delta R.T.: 0.000 min
Response: 2309166
Conc: 22.37 ug/ml



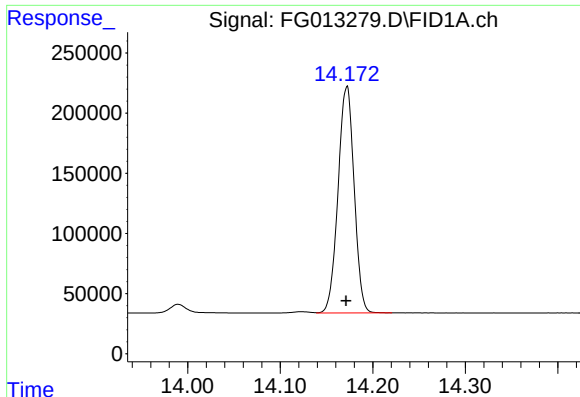
#11 n-Heneicosane (C21)

R.T.: 13.583 min
Delta R.T.: 0.000 min
Response: 2279694
Conc: 22.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.417 min
Delta R.T.: 0.000 min
Response: 2013508
Conc: 22.41 ug/ml



#13 n-Docosane (C22)

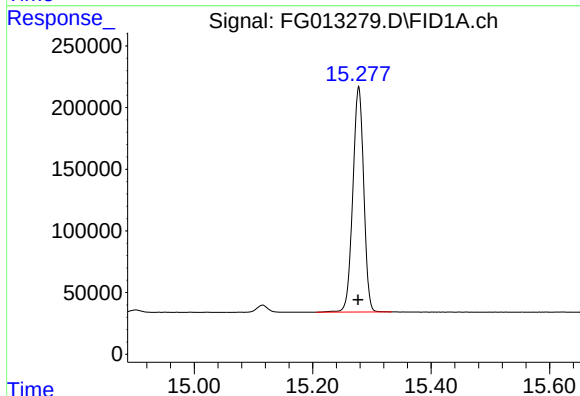
R.T.: 14.172 min
Delta R.T.: 0.000 min
Response: 2275803
Conc: 22.32 ug/ml

Instrument :

FID_G

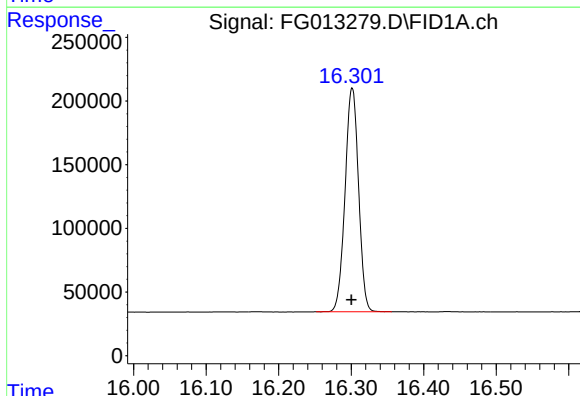
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



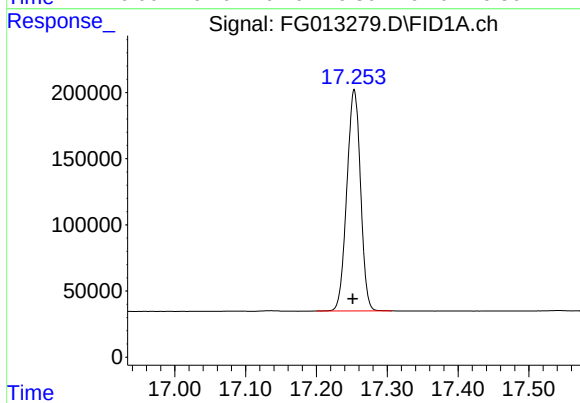
#14 n-Tetracosane (C24)

R.T.: 15.278 min
Delta R.T.: 0.000 min
Response: 2332466
Conc: 21.89 ug/ml



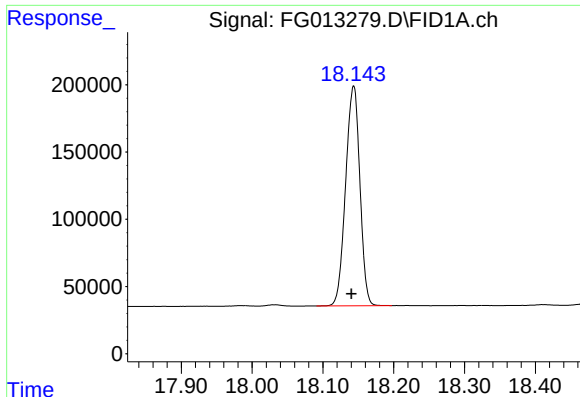
#15 n-Hexacosane (C26)

R.T.: 16.301 min
Delta R.T.: 0.001 min
Response: 2267236
Conc: 22.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.253 min
Delta R.T.: 0.002 min
Response: 2247892
Conc: 21.99 ug/ml



#17 n-Tricontane (C30)

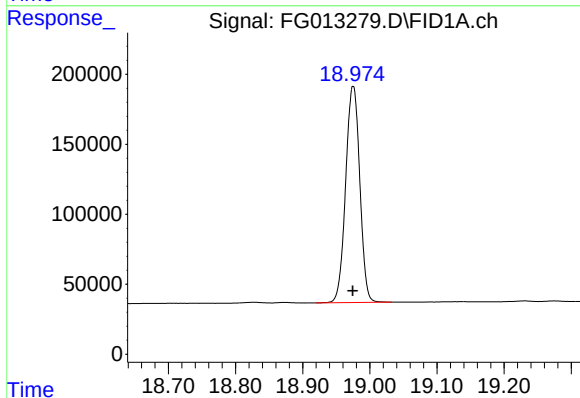
R.T.: 18.144 min
Delta R.T.: 0.003 min
Response: 2285075
Conc: 21.74 ug/ml

Instrument :

FID_G

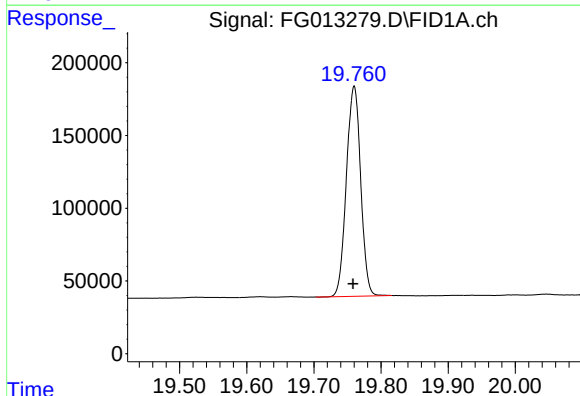
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



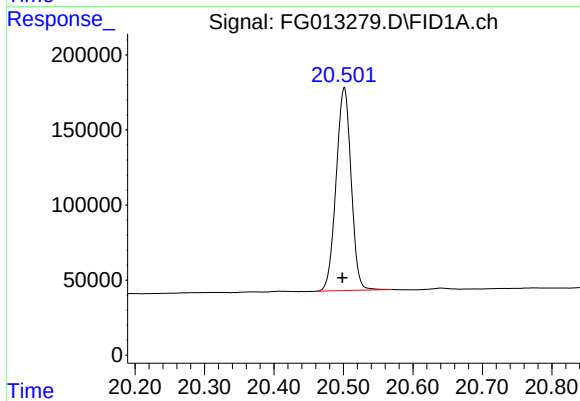
#18 n-Dotriacontane (C32)

R.T.: 18.975 min
Delta R.T.: 0.000 min
Response: 2258214
Conc: 21.46 ug/ml



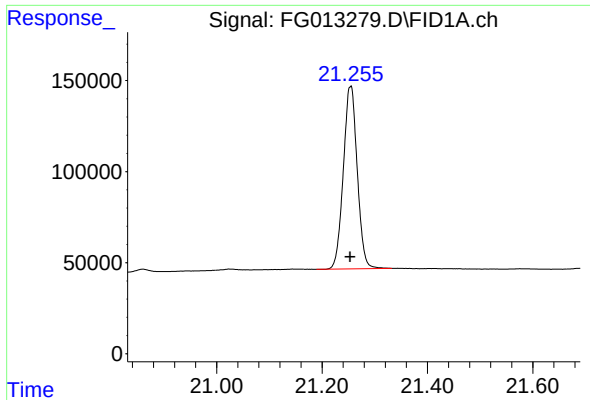
#19 n-Tetratriacontane (C34)

R.T.: 19.760 min
Delta R.T.: 0.001 min
Response: 2136644
Conc: 21.16 ug/ml



#20 n-Hexatriacontane (C36)

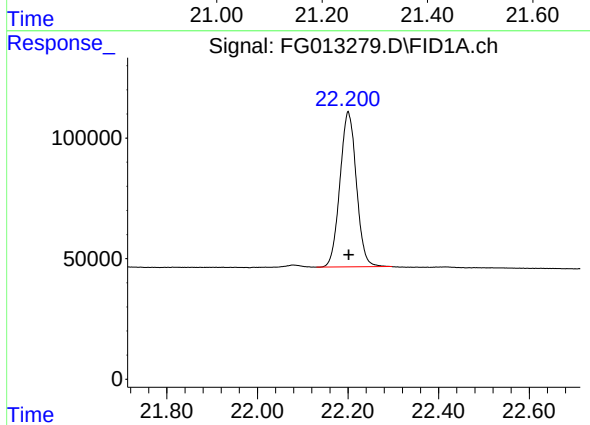
R.T.: 20.501 min
Delta R.T.: 0.003 min
Response: 2027192
Conc: 20.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.255 min
Delta R.T.: 0.001 min
Response: 1838869
Conc: 18.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.200 min
Delta R.T.: -0.002 min
Response: 1619563
Conc: 17.30 ug/ml