

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG122024AL\
 Data File : FG015000.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2024 12:02
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Dec 20 13:52:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 122024.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 20 13:49:57 2024
 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)	11.960	3053308	19.354 ug/ml
Spiked Amount 50.000		Recovery =	38.71%
12) S 1-chlorooctadecane (S...	13.405	2444156	19.342 ug/ml
Spiked Amount 50.000		Recovery =	38.68%
Target Compounds			
1) T n-Nonane (C9)	3.295	2500468	19.559 ug/ml
2) T n-Decane (C10)	4.557	2551562	19.578 ug/ml
3) T A~Naphthalene (C11.7)	6.269	2808565	19.565 ug/ml
4) T n-Dodecane (C12)	6.738	2587953	19.587 ug/ml
5) T A~2-methylnaphthalene...	7.371	2742962	19.569 ug/ml
6) T n-Tetradecane (C14)	8.576	2598709	19.481 ug/ml
7) T n-Hexadecane (C16)	10.193	2739860	19.410 ug/ml
8) T n-Octadecane (C18)	11.644	2839645	19.383 ug/ml
10) T n-Eicosane (C20)	12.960	2805324	19.332 ug/ml
11) T n-Heneicosane (C21)	13.575	2799148	19.315 ug/ml
13) T n-Docosane (C22)	14.164	2819522	19.292 ug/ml
14) T n-Tetracosane (C24)	15.271	2869572	19.217 ug/ml
15) T n-Hexacosane (C26)	16.297	2877027	19.172 ug/ml
16) T n-Octacosane (C28)	17.252	2844642	19.002 ug/ml
17) T n-Tricontane (C30)	18.142	2882696	18.780 ug/ml
18) T n-Dotriacontane (C32)	18.978	2758454	18.697 ug/ml
19) T n-Tetratriacontane (C34)	19.765	2407303	18.863 ug/ml
20) T n-Hexatriacontane (C36)	20.508	2059617	19.093 ug/ml
21) T n-Octatriacontane (C38)	21.262	1917018	19.126 ug/ml
22) T n-Tetracontane (C40)	22.210	1807104	19.238 ug/ml

(f)=RT Delta > 1/2 Window

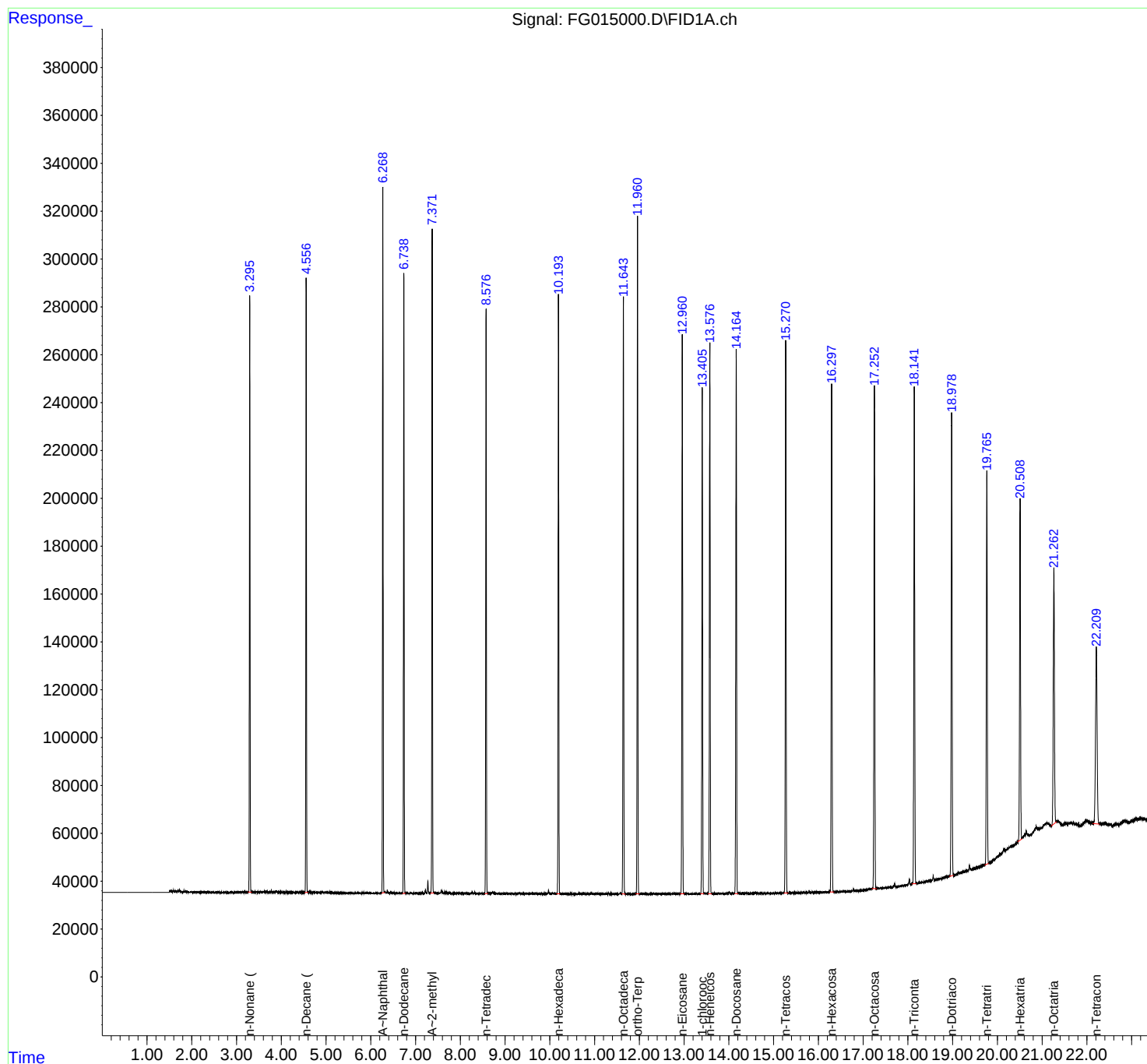
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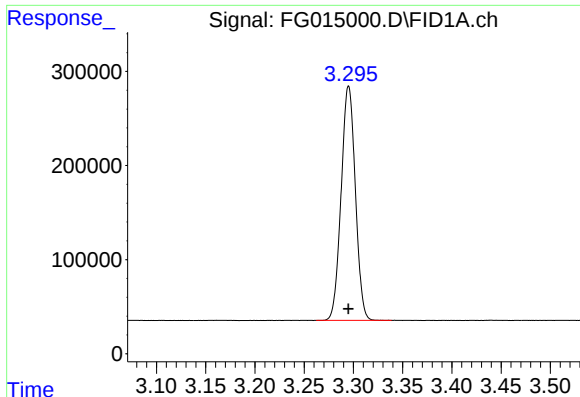
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#1 n-Nonane (C9)

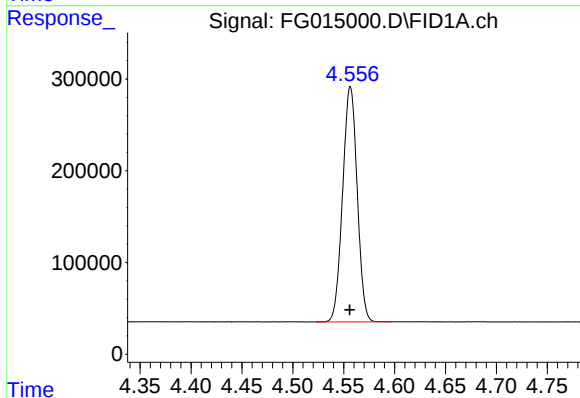
R.T.: 3.295 min
Delta R.T.: 0.000 min
Response: 2500468
Conc: 19.56 ug/ml

Instrument :

FID_G

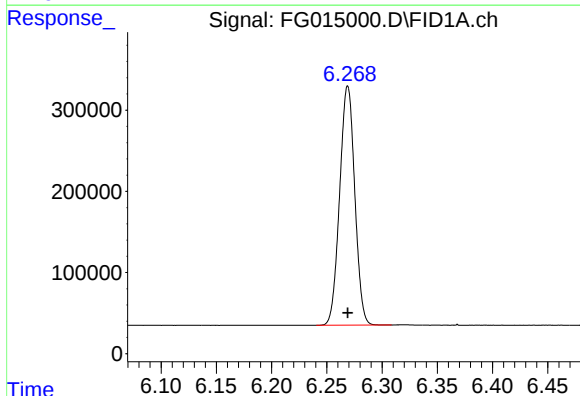
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



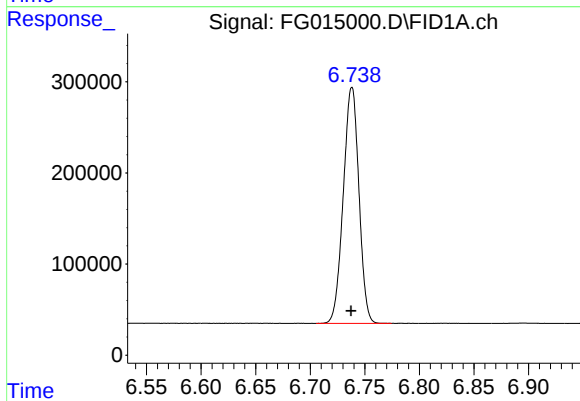
#2 n-Decane (C10)

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 2551562
Conc: 19.58 ug/ml



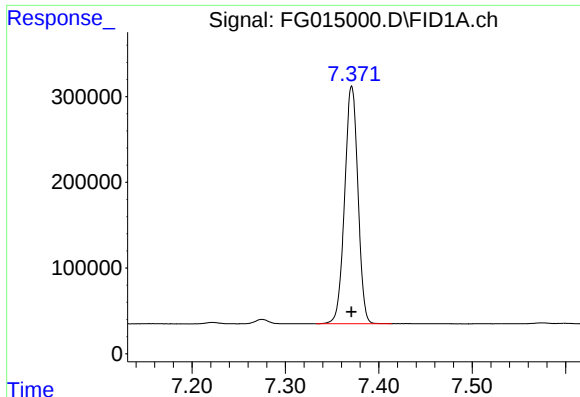
#3 A~Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 2808565
Conc: 19.57 ug/ml



#4 n-Dodecane (C12)

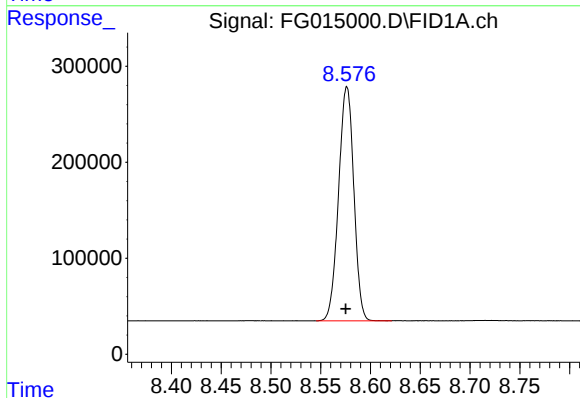
R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 2587953
Conc: 19.59 ug/ml



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

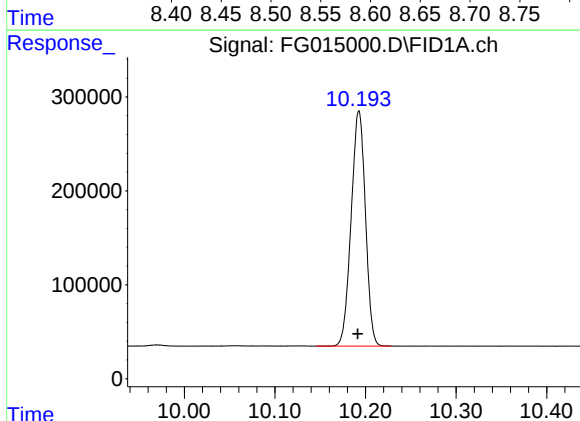
R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 2742962
Conc: 19.57 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



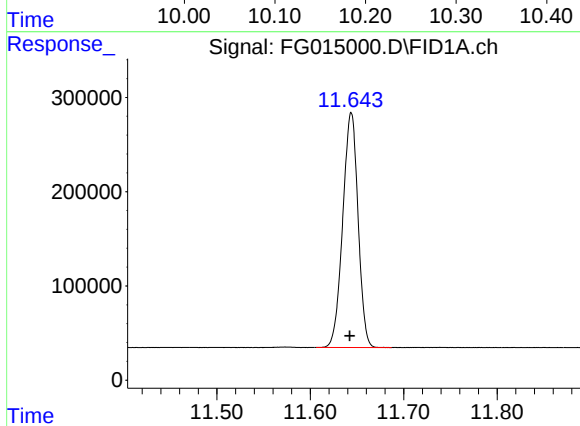
#6 n-Tetradecane (C14)

R.T.: 8.576 min
Delta R.T.: 0.001 min
Response: 2598709
Conc: 19.48 ug/ml



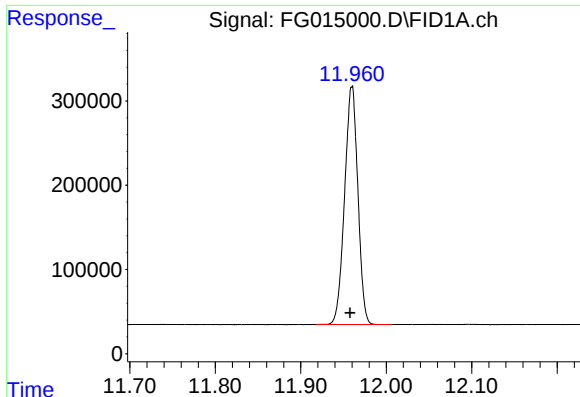
#7 n-Hexadecane (C16)

R.T.: 10.193 min
Delta R.T.: 0.001 min
Response: 2739860
Conc: 19.41 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.644 min
Delta R.T.: 0.002 min
Response: 2839645
Conc: 19.38 ug/ml



#9 ortho-Terphenyl (SURR)

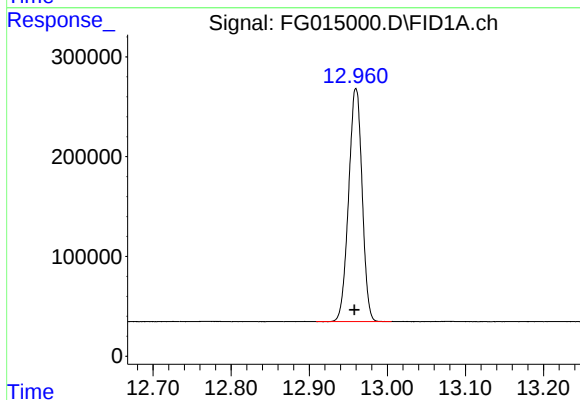
R.T.: 11.960 min
Delta R.T.: 0.002 min
Response: 3053308
Conc: 19.35 ug/ml

Instrument :

FID_G

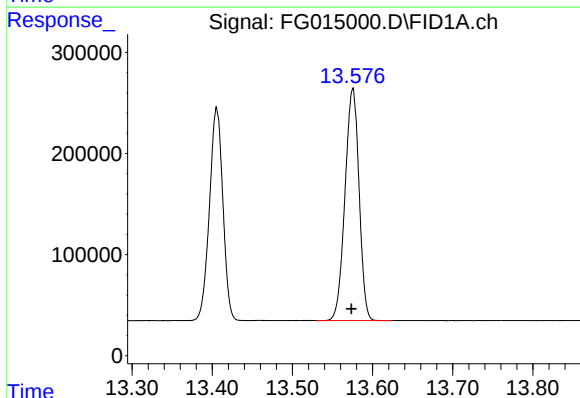
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



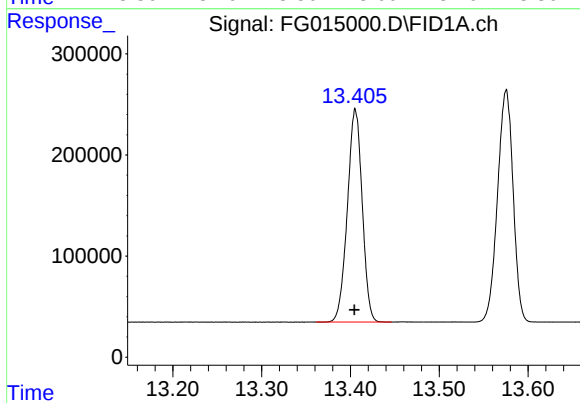
#10 n-Eicosane (C20)

R.T.: 12.960 min
Delta R.T.: 0.002 min
Response: 2805324
Conc: 19.33 ug/ml



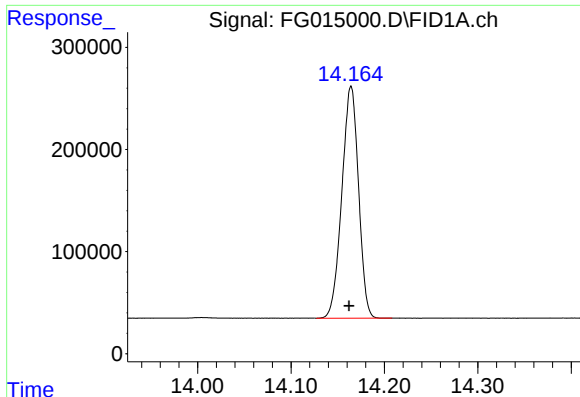
#11 n-Heneicosane (C21)

R.T.: 13.575 min
Delta R.T.: 0.002 min
Response: 2799148
Conc: 19.32 ug/ml



#12 1-chlorooctadecane (SURR)

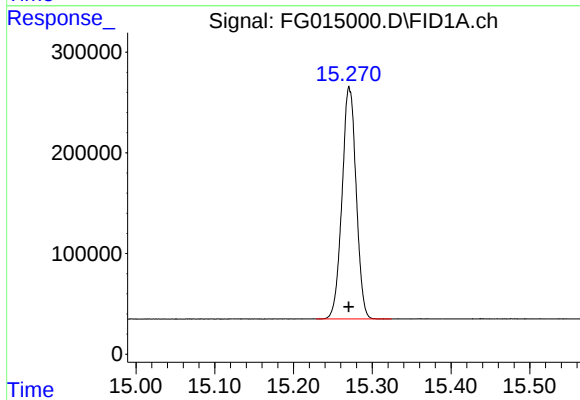
R.T.: 13.405 min
Delta R.T.: 0.001 min
Response: 2444156
Conc: 19.34 ug/ml



#13 n-Docosane (C22)

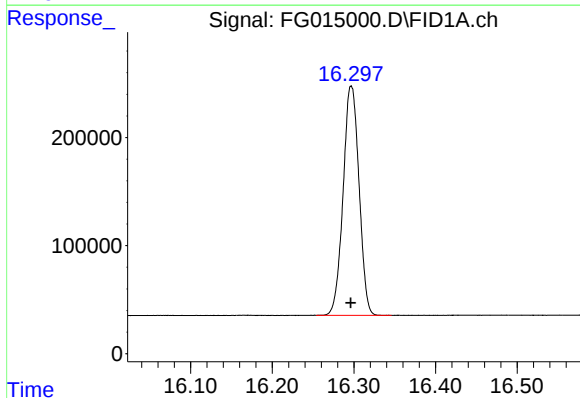
R.T.: 14.164 min
Delta R.T.: 0.002 min
Response: 2819522
Conc: 19.29 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD ICV



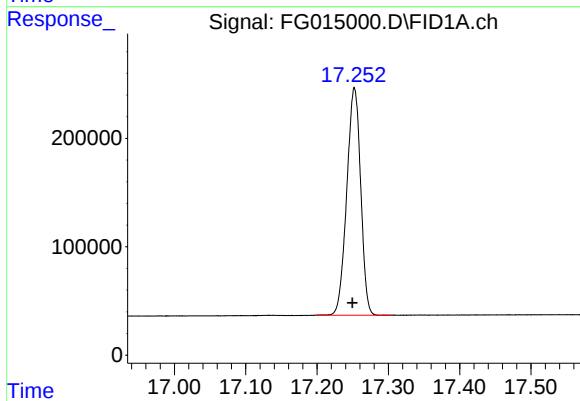
#14 n-Tetracosane (C24)

R.T.: 15.271 min
Delta R.T.: 0.000 min
Response: 2869572
Conc: 19.22 ug/ml



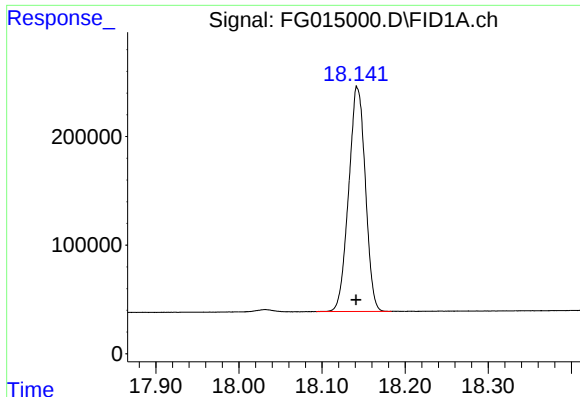
#15 n-Hexacosane (C26)

R.T.: 16.297 min
Delta R.T.: 0.000 min
Response: 2877027
Conc: 19.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.252 min
Delta R.T.: 0.003 min
Response: 2844642
Conc: 19.00 ug/ml



#17 n-Tricontane (C30)

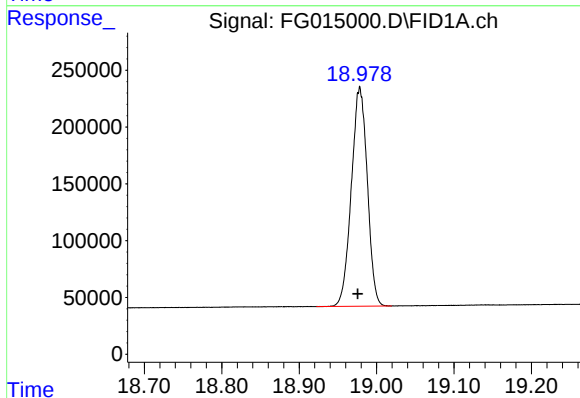
R.T.: 18.142 min
Delta R.T.: 0.002 min
Response: 2882696
Conc: 18.78 ug/ml

Instrument :

FID_G

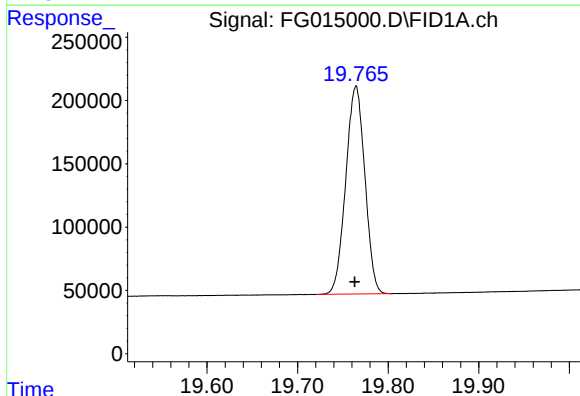
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



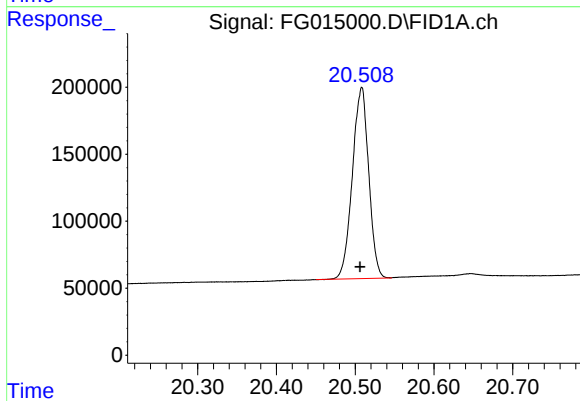
#18 n-Dotriacontane (C32)

R.T.: 18.978 min
Delta R.T.: 0.002 min
Response: 2758454
Conc: 18.70 ug/ml



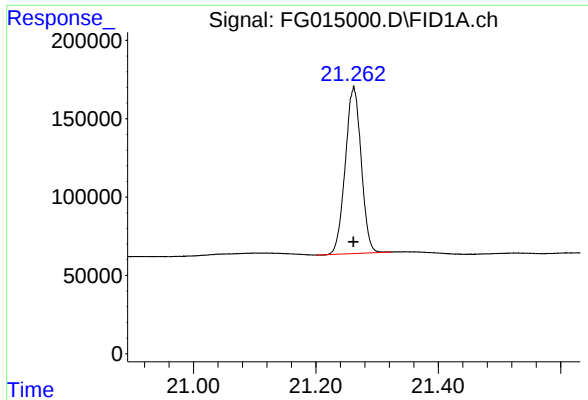
#19 n-Tetratriacontane (C34)

R.T.: 19.765 min
Delta R.T.: 0.002 min
Response: 2407303
Conc: 18.86 ug/ml



#20 n-Hexatriacontane (C36)

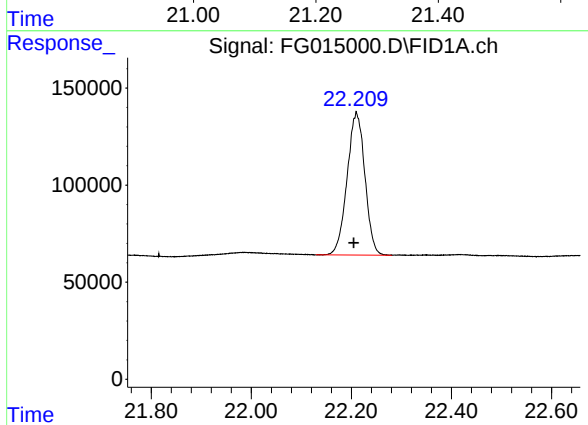
R.T.: 20.508 min
Delta R.T.: 0.002 min
Response: 2059617
Conc: 19.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.262 min
Delta R.T.: 0.000 min
Response: 1917018
Conc: 19.13 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.210 min
Delta R.T.: 0.005 min
Response: 1807104
Conc: 19.24 ug/ml