

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121223AL\
 Data File : FG013274.D
 Signal(s) : FID1A.ch
 Acq On : 12 Dec 2023 08:40
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Dec 12 09:59:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 121223.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 12 09:55:13 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)	11.986	12184256	96.101 ug/ml
Spiked Amount 50.000		Recovery =	192.20%
12) S 1-chlorooctadecane (S...	13.422	8960005	96.465 ug/ml
Spiked Amount 50.000		Recovery =	192.93%
Target Compounds			
1) T n-Nonane (C9)	3.334	10043125	97.137 ug/ml
2) T n-Decane (C10)	4.590	10111815	97.041 ug/ml
3) T A~Naphthalene (C11.7)	6.304	10961177	97.293 ug/ml
4) T n-Dodecane (C12)	6.765	10123136	96.929 ug/ml
5) T A~2-methylnaphthalene...	7.405	10755343	97.560 ug/ml
6) T n-Tetradecane (C14)	8.599	9971633	96.821 ug/ml
7) T n-Hexadecane (C16)	10.213	10151693	96.561 ug/ml
8) T n-Octadecane (C18)	11.663	10288150	96.046 ug/ml
10) T n-Eicosane (C20)	12.976	10059719	95.886 ug/ml
11) T n-Heneicosane (C21)	13.589	9976257	95.834 ug/ml
13) T n-Docosane (C22)	14.178	9949234	95.987 ug/ml
14) T n-Tetracosane (C24)	15.285	9958536	95.072 ug/ml
15) T n-Hexacosane (C26)	16.308	9781576	95.414 ug/ml
16) T n-Octacosane (C28)	17.260	9603103	95.010 ug/ml
17) T n-Tricontane (C30)	18.148	9639371	94.169 ug/ml
18) T n-Dotriacontane (C32)	18.983	9495237	93.184 ug/ml
19) T n-Tetratriacontane (C34)	19.767	9149395	91.985 ug/ml
20) T n-Hexatriacontane (C36)	20.507	8716642	89.393 ug/ml
21) T n-Octatriacontane (C38)	21.262	7896472	85.043 ug/ml
22) T n-Tetracontane (C40)	22.212	6758665	78.878 ug/ml

(f)=RT Delta > 1/2 Window

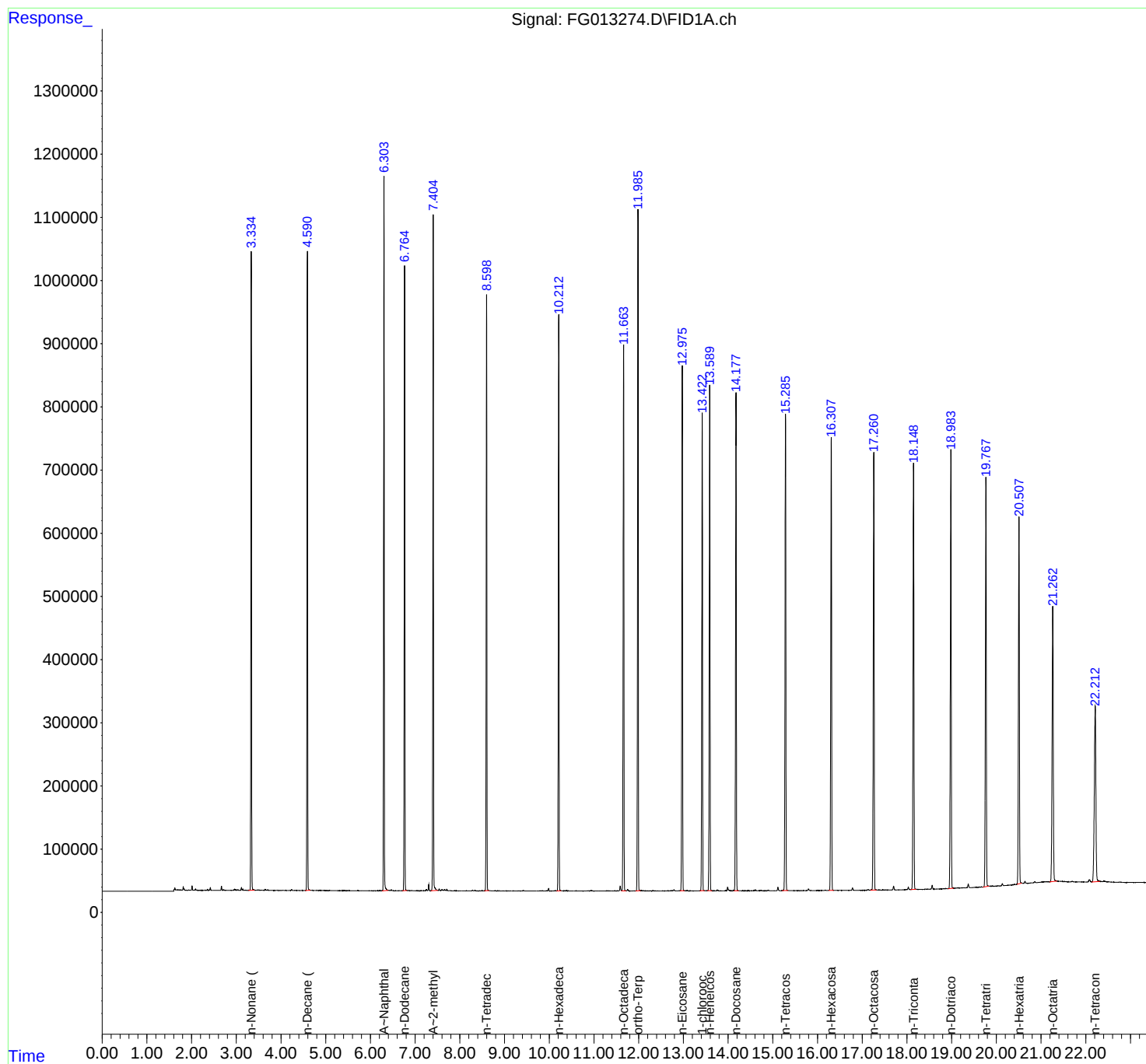
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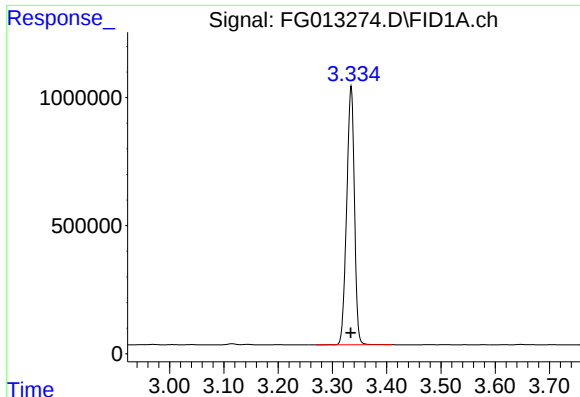
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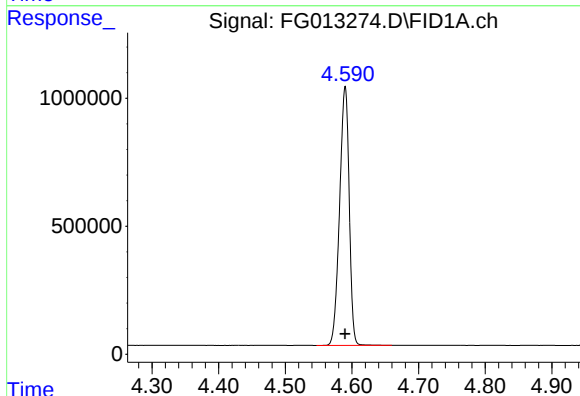




#1 n-Nonane (C9)

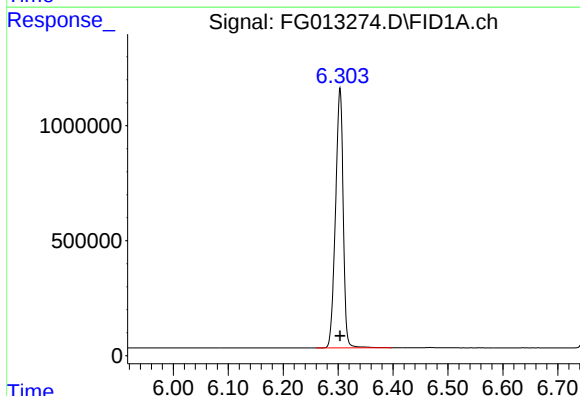
R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 10043125
Conc: 97.14 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



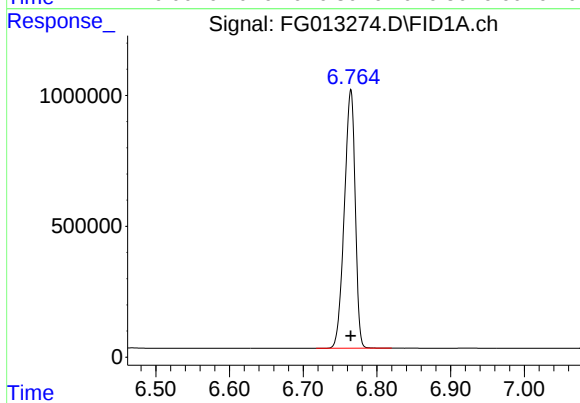
#2 n-Decane (C10)

R.T.: 4.590 min
Delta R.T.: 0.000 min
Response: 10111815
Conc: 97.04 ug/ml



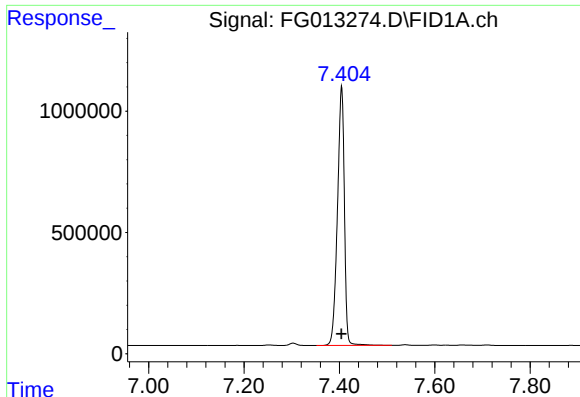
#3 A~Naphthalene (C11.7)

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 10961177
Conc: 97.29 ug/ml



#4 n-Dodecane (C12)

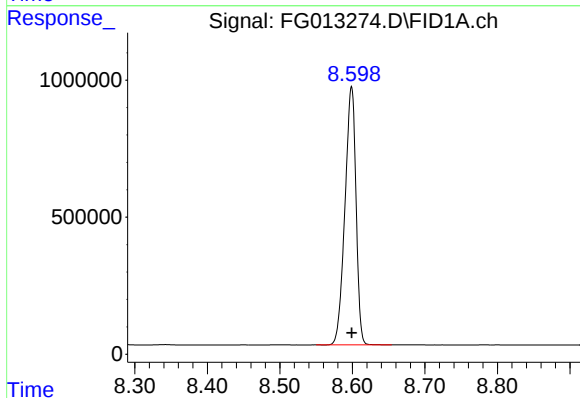
R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 10123136
Conc: 96.93 ug/ml



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

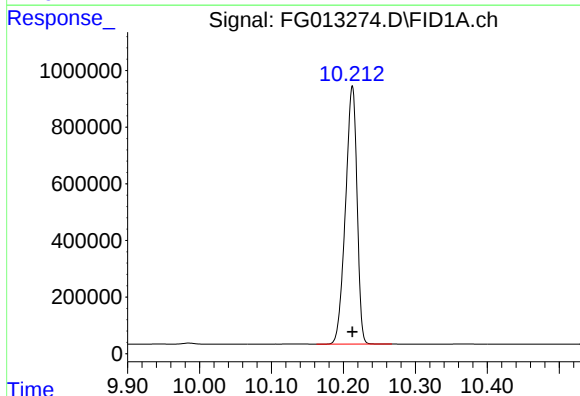
R.T.: 7.405 min
Delta R.T.: 0.000 min
Response: 10755343
Conc: 97.56 ug/ml

Instrument :
FID_G
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100 PPM ALIPHATIC HC STD1



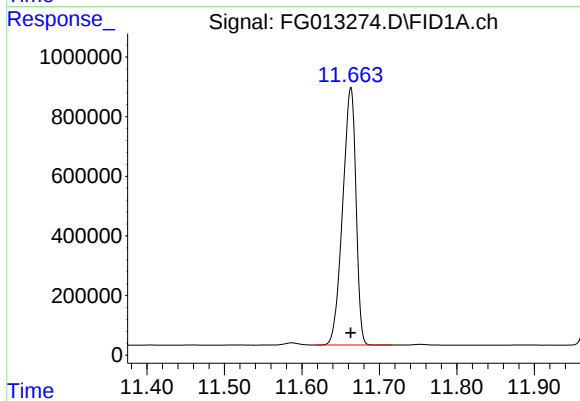
#6 n-Tetradecane (C14)

R.T.: 8.599 min
Delta R.T.: 0.000 min
Response: 9971633
Conc: 96.82 ug/ml



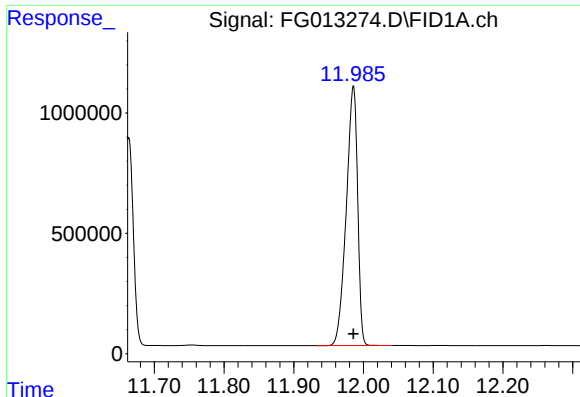
#7 n-Hexadecane (C16)

R.T.: 10.213 min
Delta R.T.: 0.000 min
Response: 10151693
Conc: 96.56 ug/ml



#8 n-Octadecane (C18)

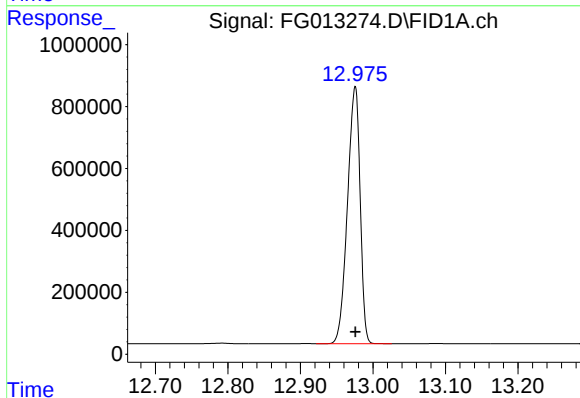
R.T.: 11.663 min
Delta R.T.: 0.000 min
Response: 10288150
Conc: 96.05 ug/ml



#9 ortho-Terphenyl (SURR)

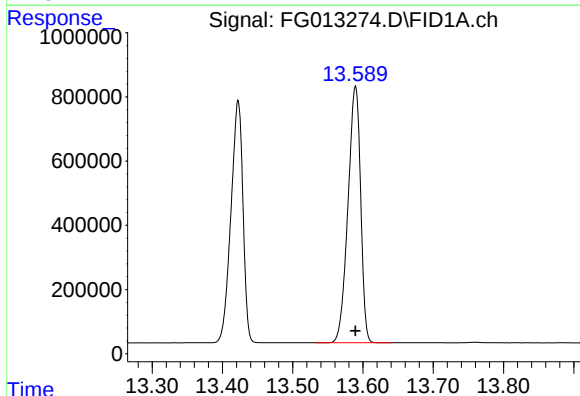
R.T.: 11.986 min
Delta R.T.: 0.000 min
Response: 12184256
Conc: 96.10 ug/ml

Instrument :
FID_G
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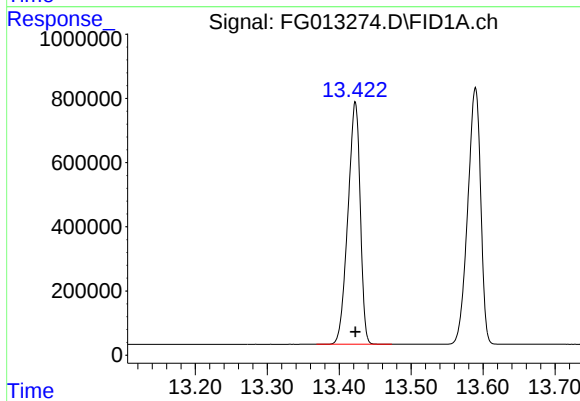
#10 n-Eicosane (C20)

R.T.: 12.976 min
Delta R.T.: 0.000 min
Response: 10059719
Conc: 95.89 ug/ml



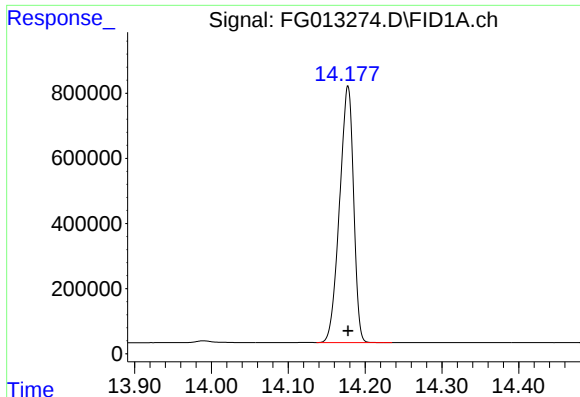
#11 n-Heneicosane (C21)

R.T.: 13.589 min
Delta R.T.: 0.000 min
Response: 9976257
Conc: 95.83 ug/ml



#12 1-chlorooctadecane (SURR)

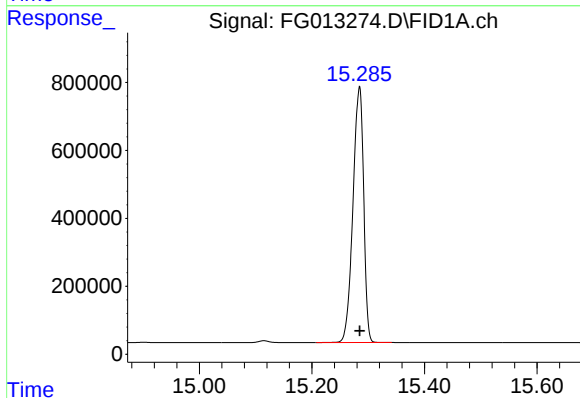
R.T.: 13.422 min
Delta R.T.: 0.000 min
Response: 8960005
Conc: 96.47 ug/ml



#13 n-Docosane (C22)

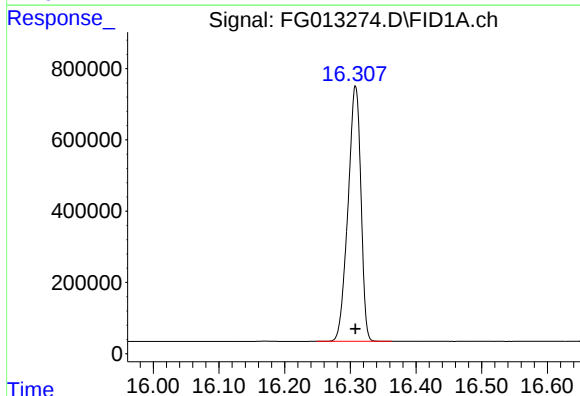
R.T.: 14.178 min
Delta R.T.: 0.000 min
Response: 9949234
Conc: 95.99 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



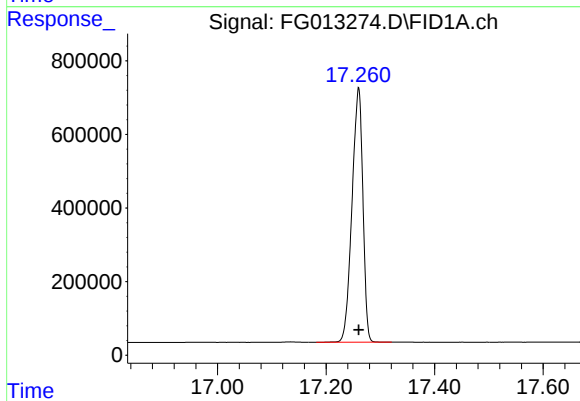
#14 n-Tetracosane (C24)

R.T.: 15.285 min
Delta R.T.: 0.000 min
Response: 9958536
Conc: 95.07 ug/ml



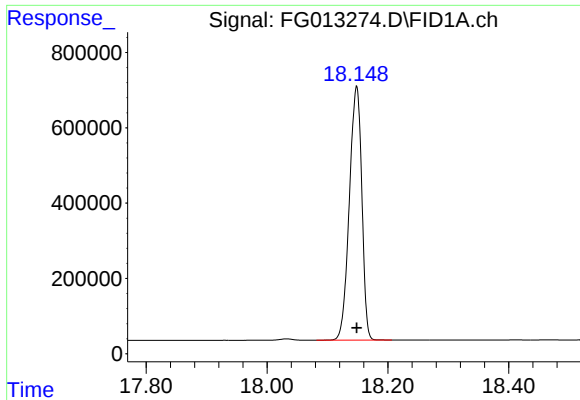
#15 n-Hexacosane (C26)

R.T.: 16.308 min
Delta R.T.: 0.000 min
Response: 9781576
Conc: 95.41 ug/ml



#16 n-Octacosane (C28)

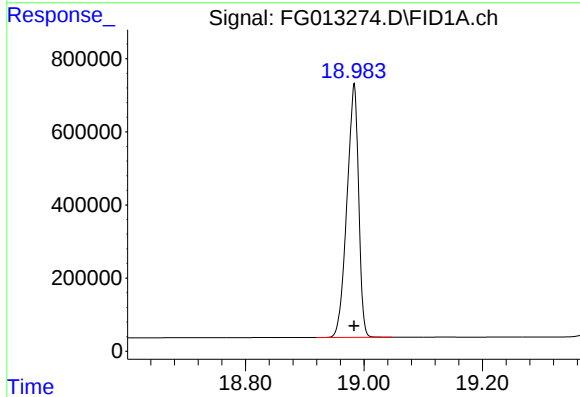
R.T.: 17.260 min
Delta R.T.: 0.000 min
Response: 9603103
Conc: 95.01 ug/ml



#17 n-Tricontane (C30)

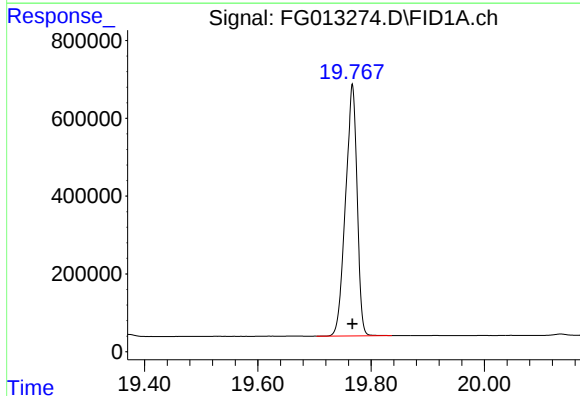
R.T.: 18.148 min
Delta R.T.: 0.000 min
Response: 9639371
Conc: 94.17 ug/ml

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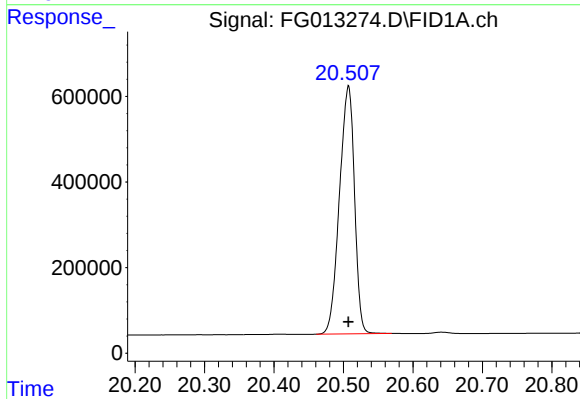
#18 n-Dotriacontane (C32)

R.T.: 18.983 min
Delta R.T.: 0.000 min
Response: 9495237
Conc: 93.18 ug/ml



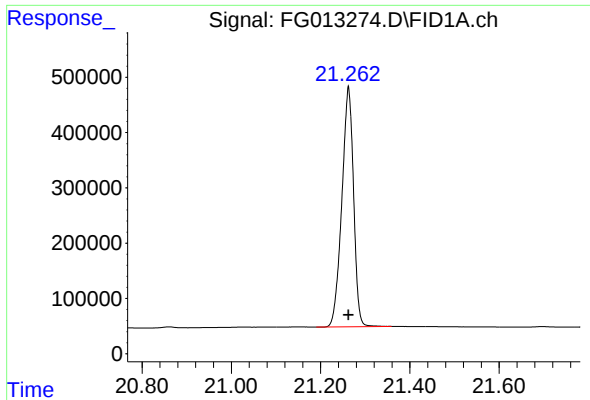
#19 n-Tetratriacontane (C34)

R.T.: 19.767 min
Delta R.T.: 0.000 min
Response: 9149395
Conc: 91.98 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.507 min
Delta R.T.: 0.000 min
Response: 8716642
Conc: 89.39 ug/ml



#21 n-Octatriacontane (C38)

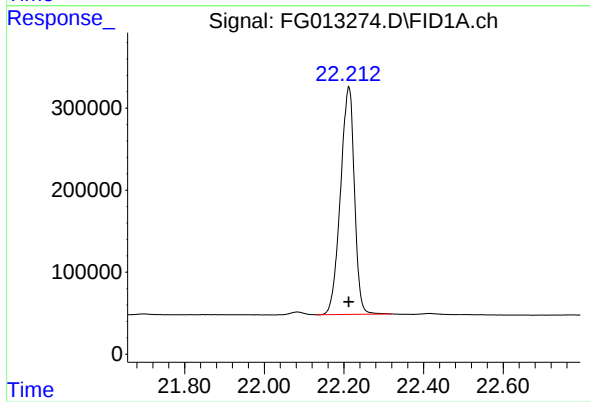
R.T.: 21.262 min
Delta R.T.: 0.000 min
Response: 7896472
Conc: 85.04 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.212 min
Delta R.T.: 0.000 min
Response: 6758665
Conc: 78.88 ug/ml