

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011425AL\
 Data File : FG015070.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jan 2025 11:57
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jan 14 12:09:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:45:29 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)	11.942	3157928	20.198 ug/ml
Spiked Amount 50.000		Recovery =	40.40%
12) S 1-chlorooctadecane (S...	13.388	2467859	20.268 ug/ml
Spiked Amount 50.000		Recovery =	40.54%
Target Compounds			
1) T n-Nonane (C9)	3.287	2614988	20.141 ug/ml
2) T n-Decane (C10)	4.546	2679348	20.162 ug/ml
3) T A~Naphthalene (C11.7)	6.256	2948919	20.193 ug/ml
4) T n-Dodecane (C12)	6.725	2738909	20.148 ug/ml
5) T A~2-methylnaphthalene...	7.358	2882199	20.190 ug/ml
6) T n-Tetradecane (C14)	8.562	2774707	20.176 ug/ml
7) T n-Hexadecane (C16)	10.177	2926379	20.196 ug/ml
8) T n-Octadecane (C18)	11.626	2998960	20.178 ug/ml
10) T n-Eicosane (C20)	12.942	2901830	20.217 ug/ml
11) T n-Heneicosane (C21)	13.556	2861156	20.235 ug/ml
13) T n-Docosane (C22)	14.145	2843115	20.221 ug/ml
14) T n-Tetracosane (C24)	15.253	2810799	20.195 ug/ml
15) T n-Hexacosane (C26)	16.278	2733964	20.184 ug/ml
16) T n-Octacosane (C28)	17.231	2647191	20.116 ug/ml
17) T n-Tricontane (C30)	18.122	2666884	20.104 ug/ml
18) T n-Dotriacontane (C32)	18.957	2526757	20.034 ug/ml
19) T n-Tetratriacontane (C34)	19.742	2182601	20.045 ug/ml
20) T n-Hexatriacontane (C36)	20.485	1874043	20.073 ug/ml
21) T n-Octatriacontane (C38)	21.235	1767727	20.144 ug/ml
22) T n-Tetracontane (C40)	22.171	1714051	20.222 ug/ml

(f)=RT Delta > 1/2 Window

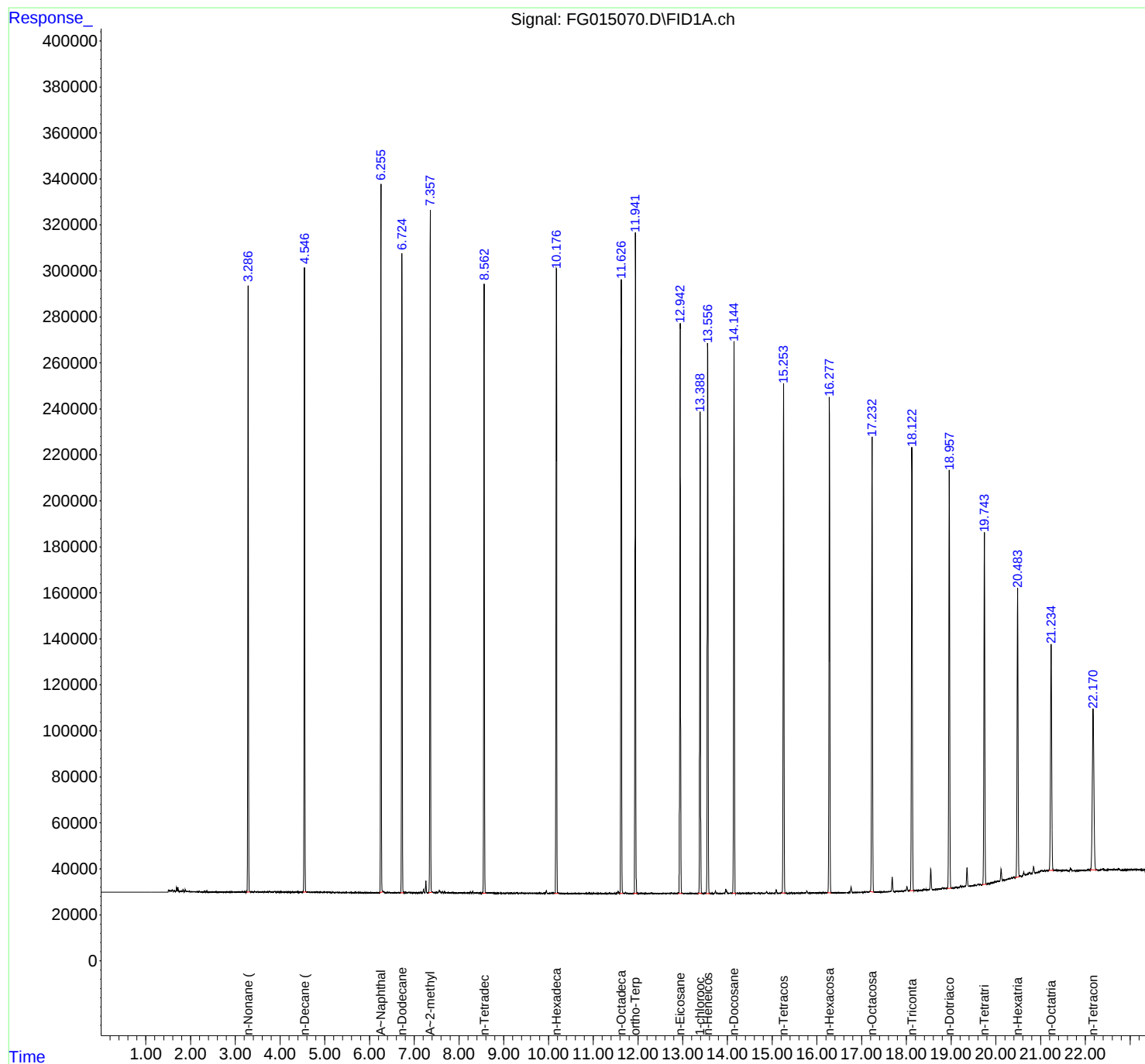
(m)=manual int.

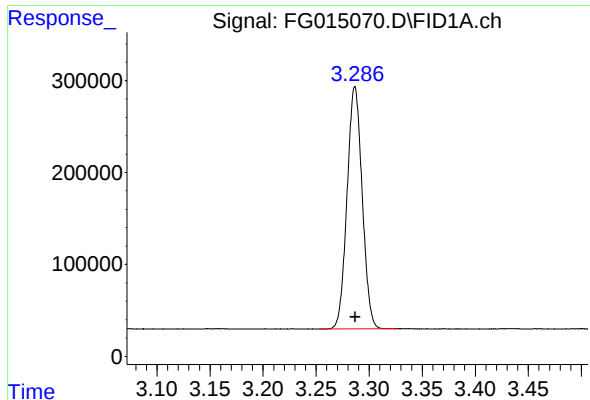
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011425AL\
Data File : FG015070.D
Signal(s) : FID1A.ch
Acq On : 14 Jan 2025 11:57
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Jan 14 12:09:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
Quant Title : GC Extractables
QLast Update : Tue Jan 14 11:45:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

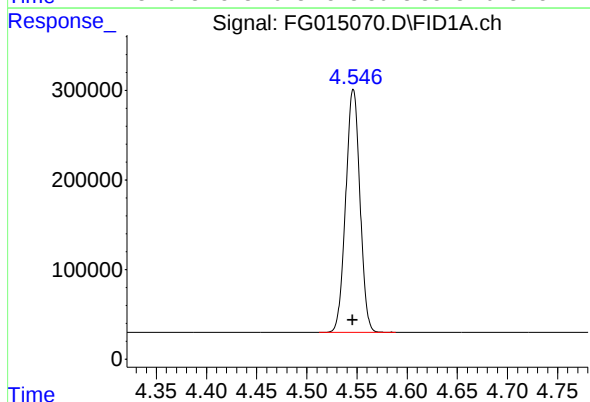
R.T.: 3.287 min
Delta R.T.: 0.000 min
Response: 2614988
Conc: 20.14 ug/ml

Instrument :

FID_G

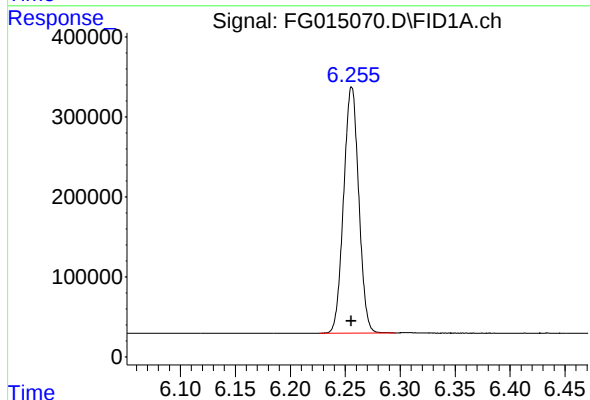
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



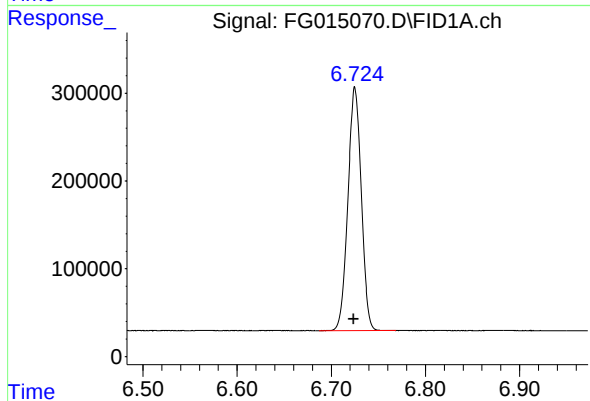
#2 n-Decane (C10)

R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 2679348
Conc: 20.16 ug/ml



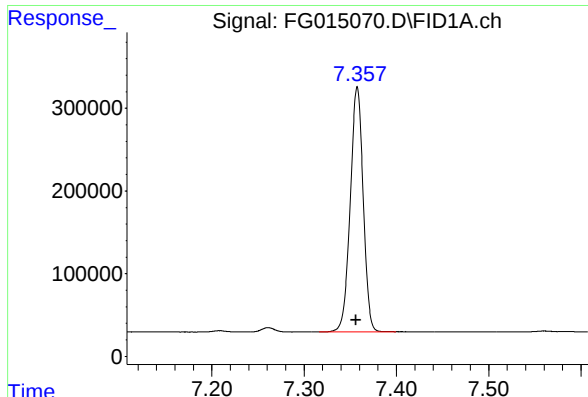
#3 A~Naphthalene (C11.7)

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 2948919
Conc: 20.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.725 min
Delta R.T.: 0.001 min
Response: 2738909
Conc: 20.15 ug/ml



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

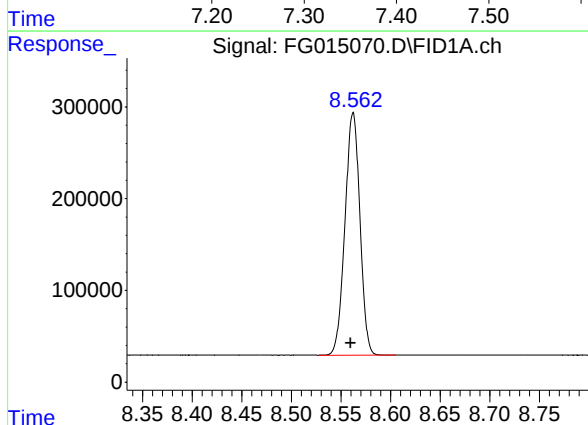
R.T.: 7.358 min
Delta R.T.: 0.002 min
Response: 2882199
Conc: 20.19 ug/ml

Instrument :

FID_G

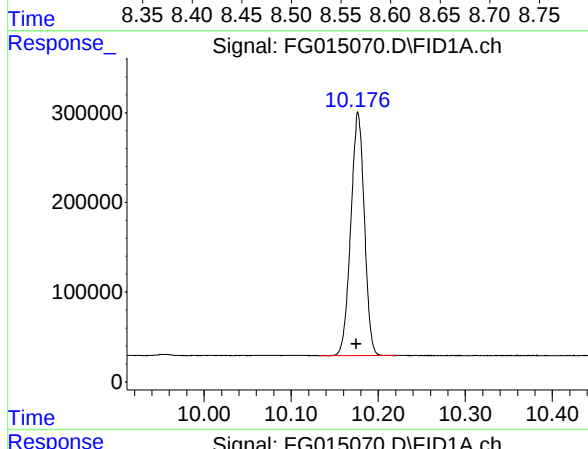
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



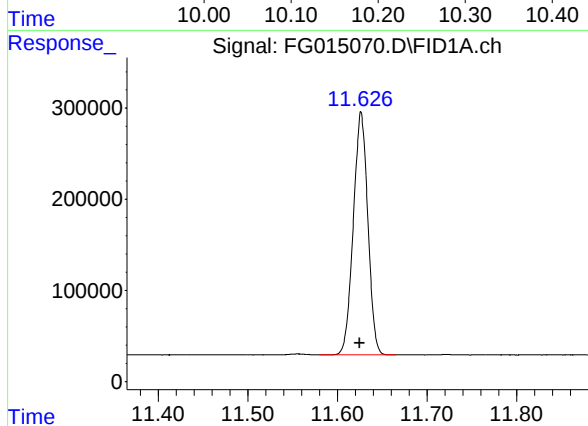
#6 n-Tetradecane (C14)

R.T.: 8.562 min
Delta R.T.: 0.002 min
Response: 2774707
Conc: 20.18 ug/ml



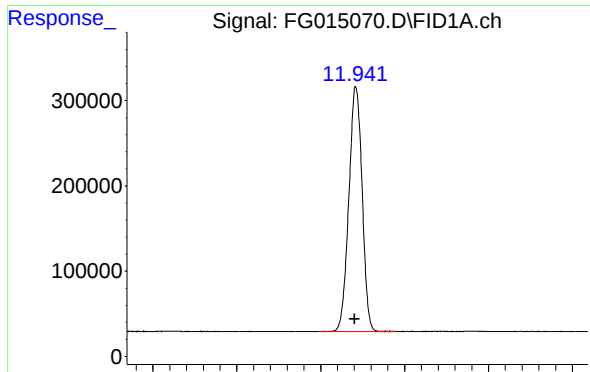
#7 n-Hexadecane (C16)

R.T.: 10.177 min
Delta R.T.: 0.002 min
Response: 2926379
Conc: 20.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.626 min
Delta R.T.: 0.002 min
Response: 2998960
Conc: 20.18 ug/ml



#9 ortho-Terphenyl (SURR)

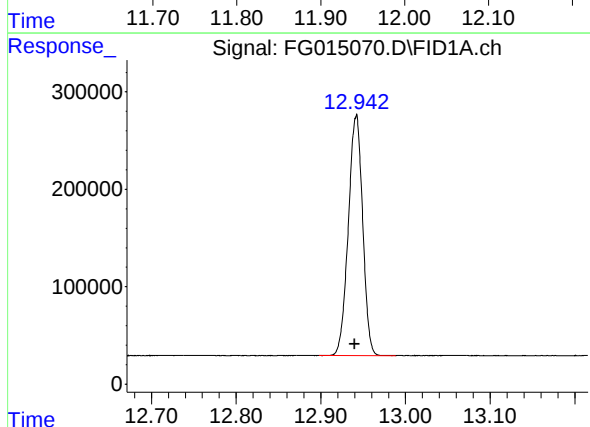
R.T.: 11.942 min
Delta R.T.: 0.002 min
Response: 3157928
Conc: 20.20 ug/ml

Instrument :

FID_G

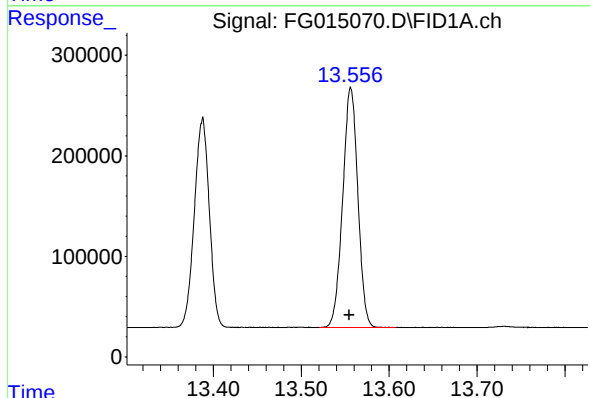
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



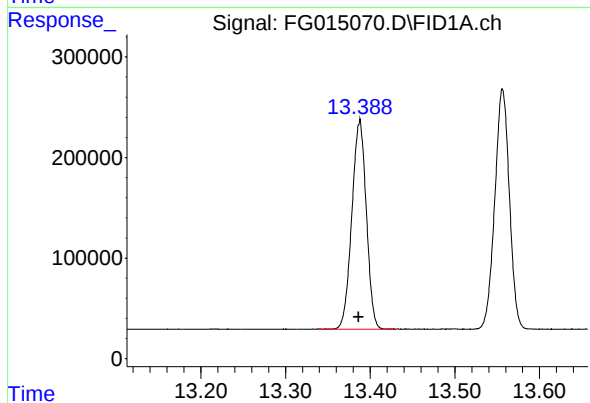
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: 0.002 min
Response: 2901830
Conc: 20.22 ug/ml



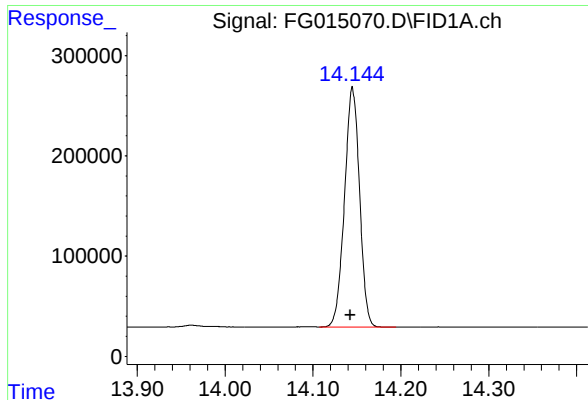
#11 n-Heneicosane (C21)

R.T.: 13.556 min
Delta R.T.: 0.002 min
Response: 2861156
Conc: 20.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.388 min
Delta R.T.: 0.001 min
Response: 2467859
Conc: 20.27 ug/ml



#13 n-Docosane (C22)

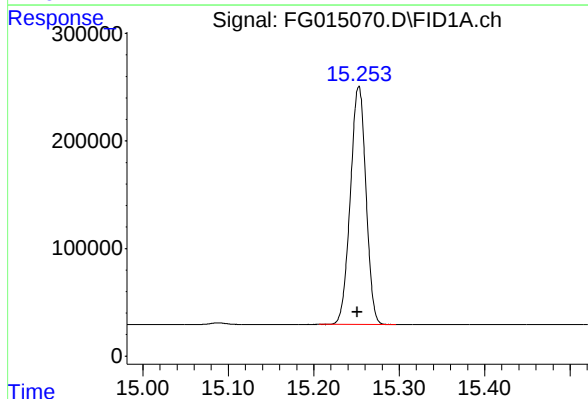
R.T.: 14.145 min
Delta R.T.: 0.002 min
Response: 2843115
Conc: 20.22 ug/ml

Instrument :

FID_G

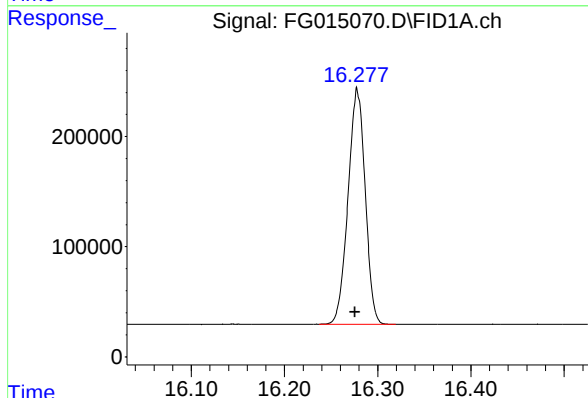
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



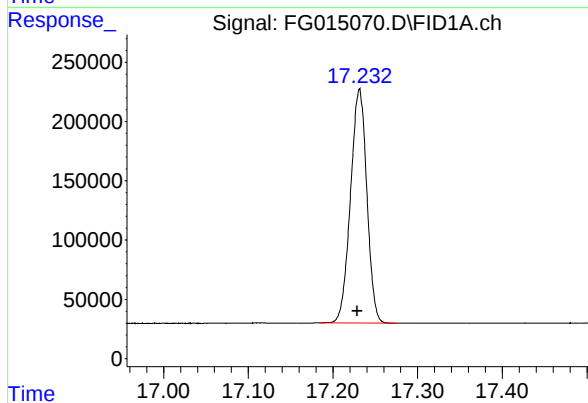
#14 n-Tetracosane (C24)

R.T.: 15.253 min
Delta R.T.: 0.002 min
Response: 2810799
Conc: 20.19 ug/ml



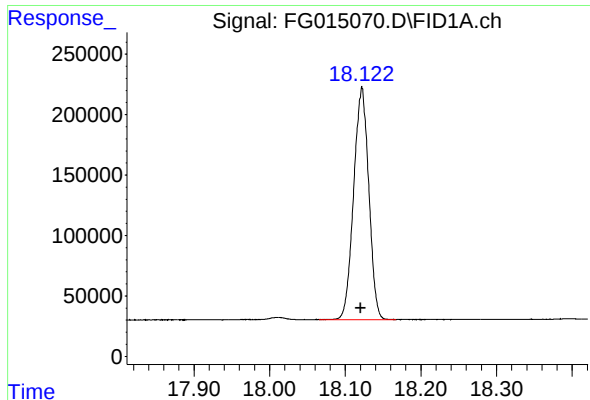
#15 n-Hexacosane (C26)

R.T.: 16.278 min
Delta R.T.: 0.002 min
Response: 2733964
Conc: 20.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.231 min
Delta R.T.: 0.003 min
Response: 2647191
Conc: 20.12 ug/ml



#17 n-Tricontane (C30)

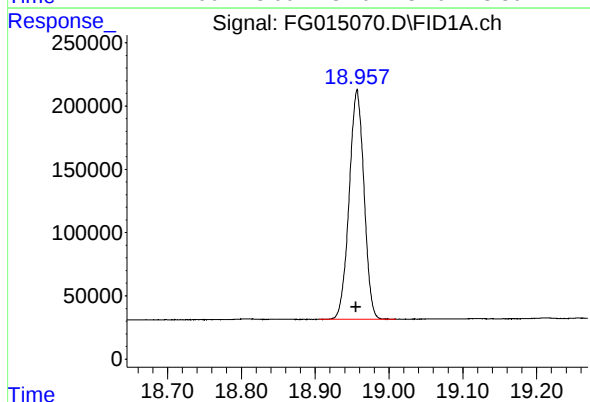
R.T.: 18.122 min
Delta R.T.: 0.002 min
Response: 2666884
Conc: 20.10 ug/ml

Instrument :

FID_G

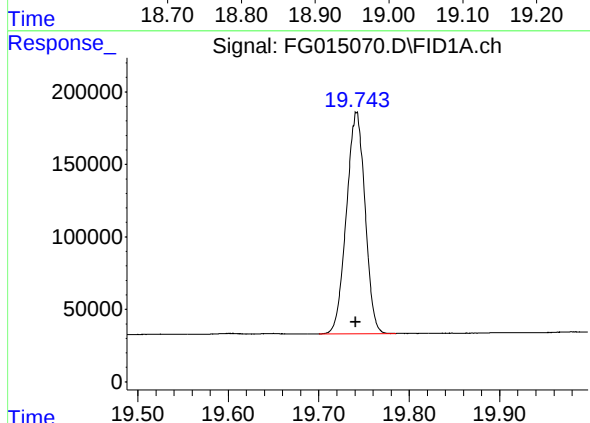
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



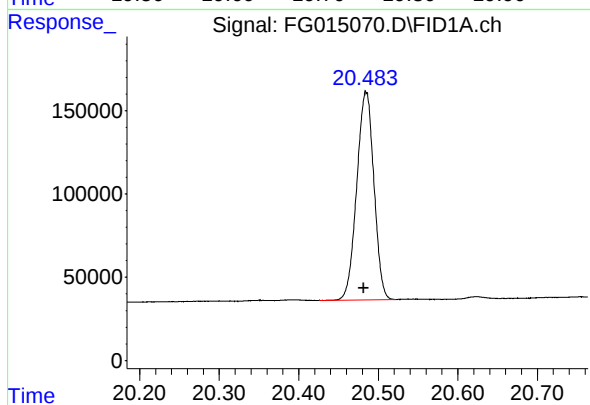
#18 n-Dotriacontane (C32)

R.T.: 18.957 min
Delta R.T.: 0.002 min
Response: 2526757
Conc: 20.03 ug/ml



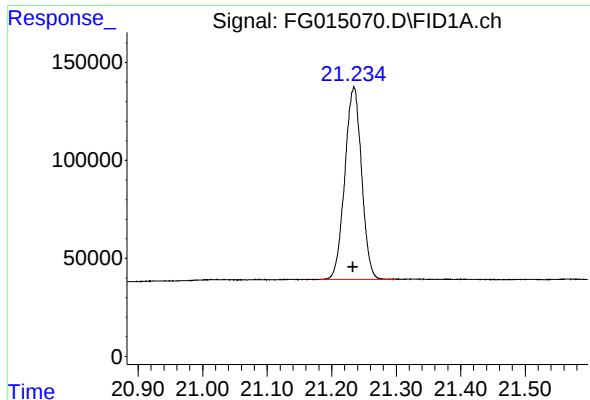
#19 n-Tetatriacontane (C34)

R.T.: 19.742 min
Delta R.T.: 0.001 min
Response: 2182601
Conc: 20.05 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.485 min
Delta R.T.: 0.003 min
Response: 1874043
Conc: 20.07 ug/ml



#21 n-Octatriacontane (C38)

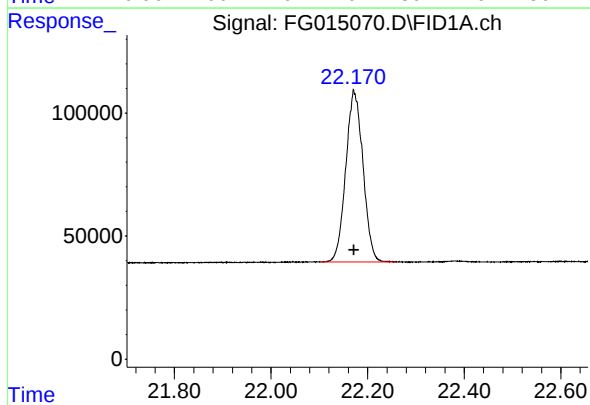
R.T.: 21.235 min
Delta R.T.: 0.002 min
Response: 1767727
Conc: 20.14 ug/ml

Instrument :

FID_G

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.171 min
Delta R.T.: 0.000 min
Response: 1714051
Conc: 20.22 ug/ml