

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031725AL\
 Data File : FG015497.D
 Signal(s) : FID1A.ch
 Acq On : 17 Mar 2025 14:36
 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: Mar 17 14:54:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 17 14:26:49 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)	11.920	3415050	20.599 ug/ml
Spiked Amount 50.000		Recovery =	41.20%
12) S 1-chlorooctadecane (S...	13.363	2773630	20.640 ug/ml
Spiked Amount 50.000		Recovery =	41.28%
Target Compounds			
1) T n-Nonane (C9)	3.267	2698575	20.951 ug/ml
2) T n-Decane (C10)	4.526	2765322	20.981 ug/ml
3) T A~Naphthalene (C11.7)	6.237	3024925	21.130 ug/ml
4) T n-Dodecane (C12)	6.706	2815766	20.838 ug/ml
5) T A~2-methylnaphthalene...	7.338	2939392	21.096 ug/ml
6) T n-Tetradecane (C14)	8.542	2853773	20.777 ug/ml
7) T n-Hexadecane (C16)	10.156	3050038	20.886 ug/ml
8) T n-Octadecane (C18)	11.605	3181823	20.935 ug/ml
10) T n-Eicosane (C20)	12.919	3152602	20.889 ug/ml
11) T n-Heneicosane (C21)	13.533	3143892	20.933 ug/ml
13) T n-Docosane (C22)	14.121	3160205	20.813 ug/ml
14) T n-Tetracosane (C24)	15.228	3200654	20.515 ug/ml
15) T n-Hexacosane (C26)	16.252	3169231	20.318 ug/ml
16) T n-Octacosane (C28)	17.205	3087134	19.795 ug/ml
17) T n-Tricontane (C30)	18.094	3043695	18.941 ug/ml
18) T n-Dotriacontane (C32)	18.928	2842976	18.486 ug/ml
19) T n-Tetratriacontane (C34)	19.711	2432944	18.206 ug/ml
20) T n-Hexatriacontane (C36)	20.453	2064487	18.711 ug/ml
21) T n-Octatriacontane (C38)	21.196	1922649	19.765 ug/ml
22) T n-Tetracontane (C40)	22.122	1846311	20.423 ug/ml

(f)=RT Delta > 1/2 Window

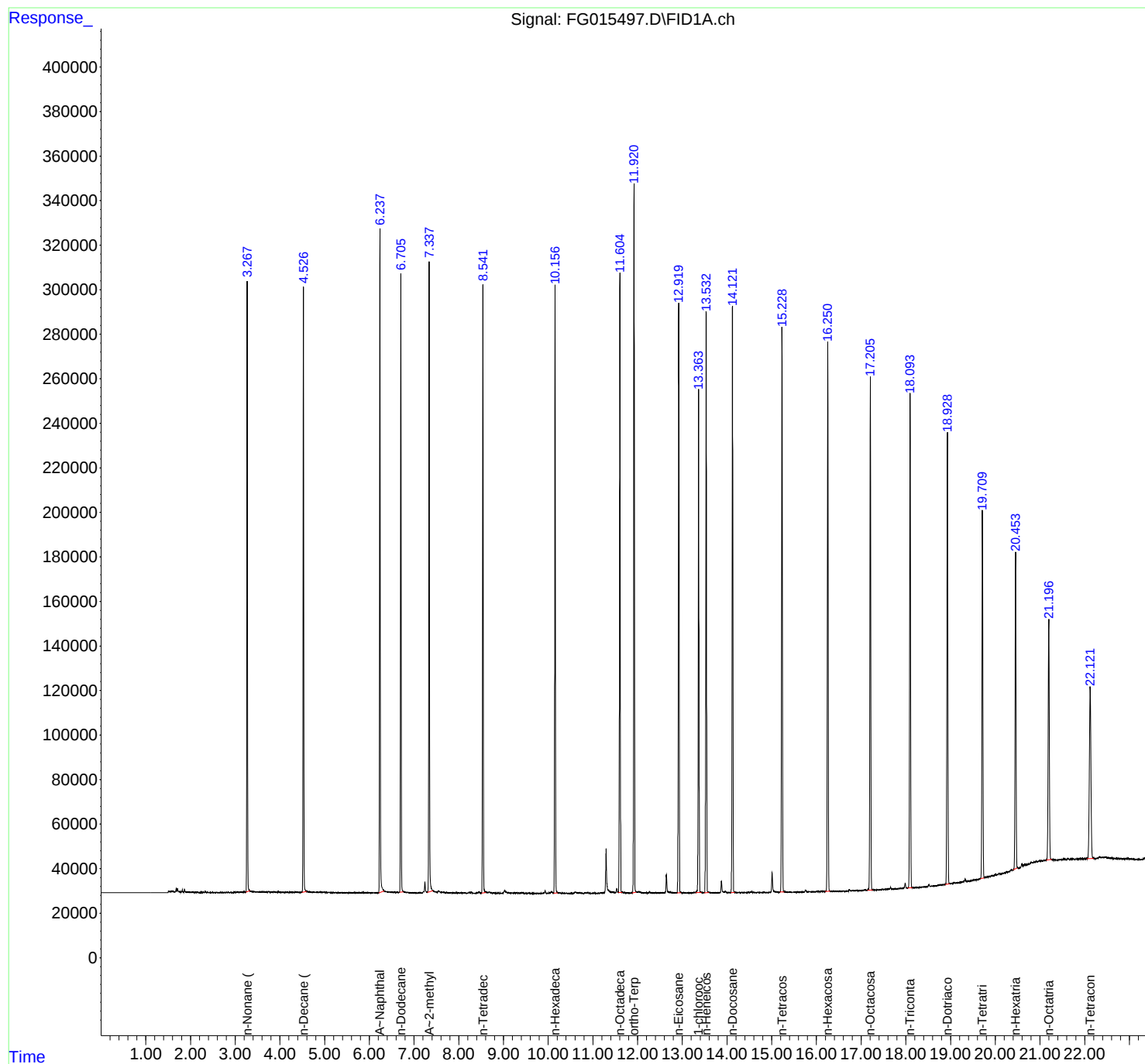
(m)=manual int.

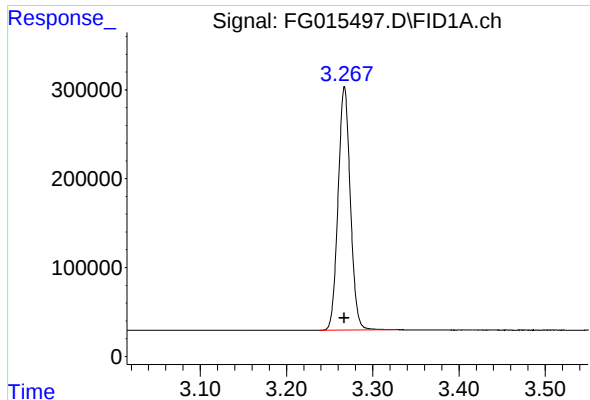
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031725AL\
Data File : FG015497.D
Signal(s) : FID1A.ch
Acq On : 17 Mar 2025 14:36
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Mar 17 14:54:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 031725.M
Quant Title : GC Extractables
QLast Update : Mon Mar 17 14:26:49 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)

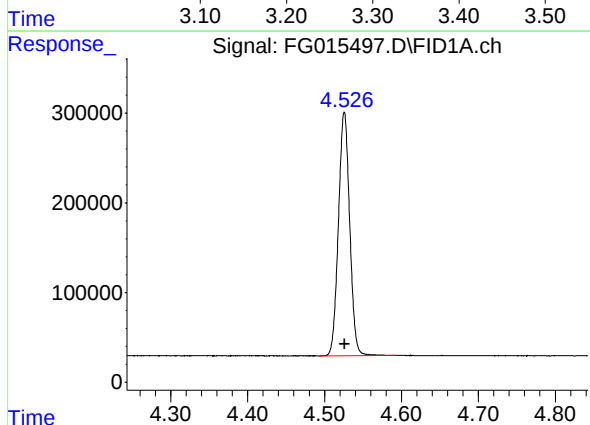
R.T.: 3.267 min
Delta R.T.: 0.000 min
Response: 2698575
Conc: 20.95 ug/ml

Instrument :

FID_G

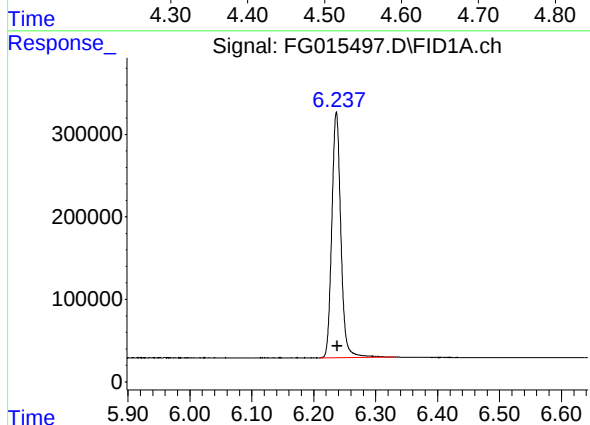
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



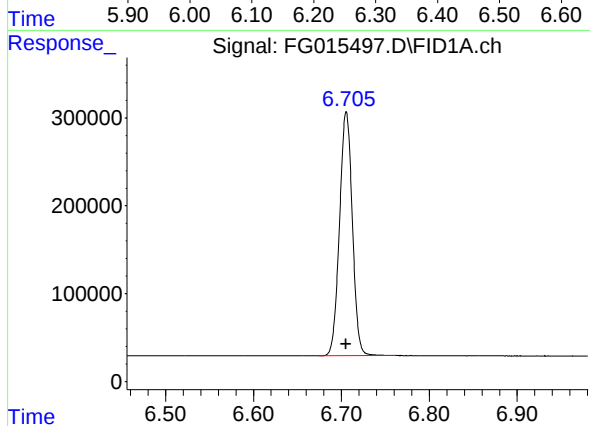
#2 n-Decane (C10)

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 2765322
Conc: 20.98 ug/ml



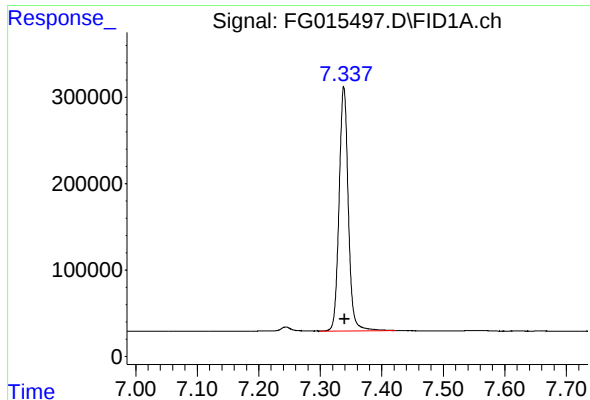
#3 A~Naphthalene (C11.7)

R.T.: 6.237 min
Delta R.T.: -0.001 min
Response: 3024925
Conc: 21.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 2815766
Conc: 20.84 ug/ml



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

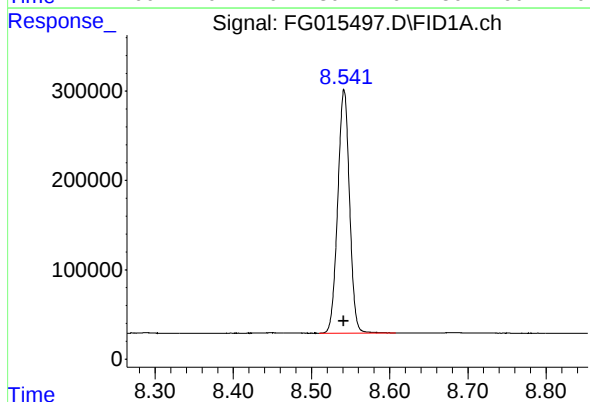
R.T.: 7.338 min
Delta R.T.: -0.001 min
Response: 2939392
Conc: 21.10 ug/ml

Instrument :

FID_G

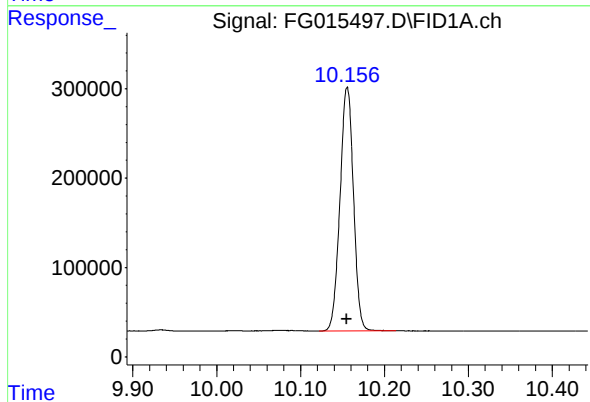
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



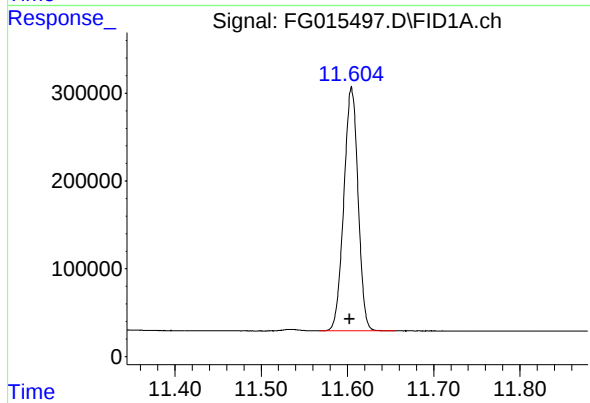
#6 n-Tetradecane (C14)

R.T.: 8.542 min
Delta R.T.: 0.000 min
Response: 2853773
Conc: 20.78 ug/ml



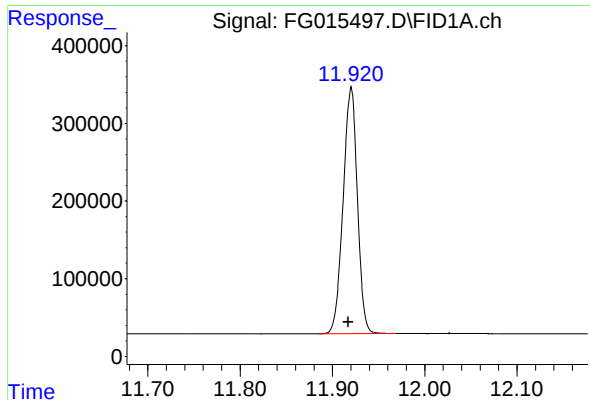
#7 n-Hexadecane (C16)

R.T.: 10.156 min
Delta R.T.: 0.000 min
Response: 3050038
Conc: 20.89 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.605 min
Delta R.T.: 0.002 min
Response: 3181823
Conc: 20.93 ug/ml



#9 ortho-Terphenyl (SURR)

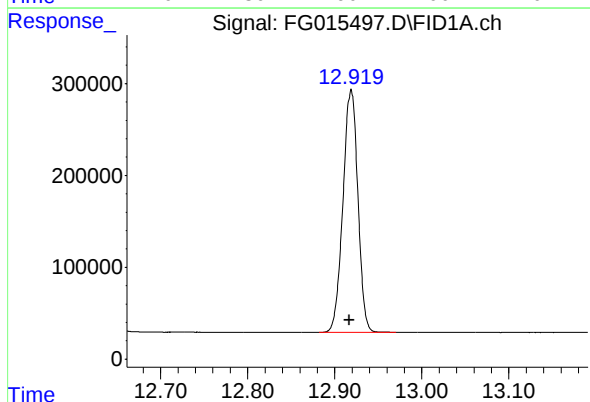
R.T.: 11.920 min
Delta R.T.: 0.003 min
Response: 3415050
Conc: 20.60 ug/ml

Instrument :

FID_G

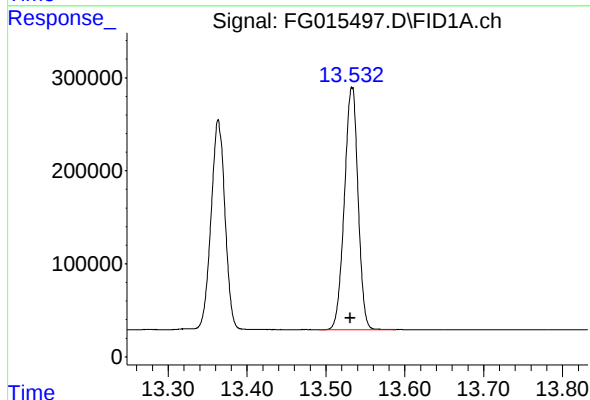
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



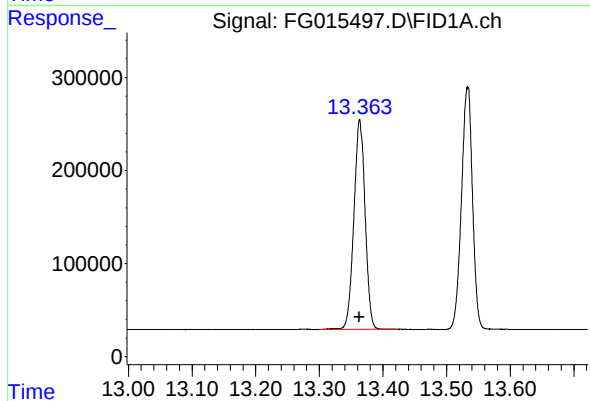
#10 n-Eicosane (C20)

R.T.: 12.919 min
Delta R.T.: 0.002 min
Response: 3152602
Conc: 20.89 ug/ml



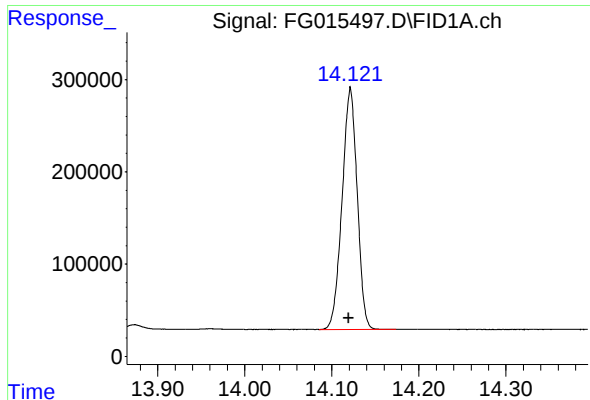
#11 n-Heneicosane (C21)

R.T.: 13.533 min
Delta R.T.: 0.002 min
Response: 3143892
Conc: 20.93 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.363 min
Delta R.T.: 0.000 min
Response: 2773630
Conc: 20.64 ug/ml



#13 n-Docosane (C22)

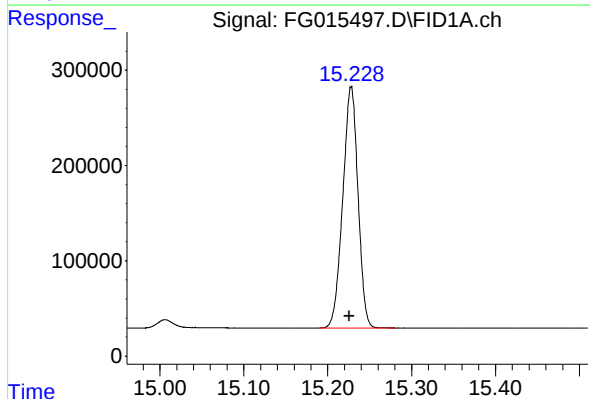
R.T.: 14.121 min
Delta R.T.: 0.002 min
Response: 3160205
Conc: 20.81 ug/ml

Instrument :

FID_G

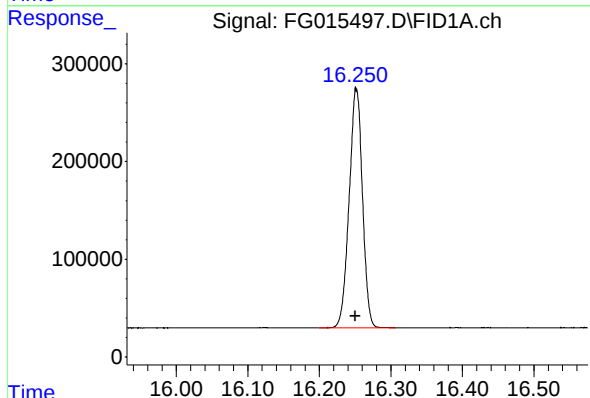
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



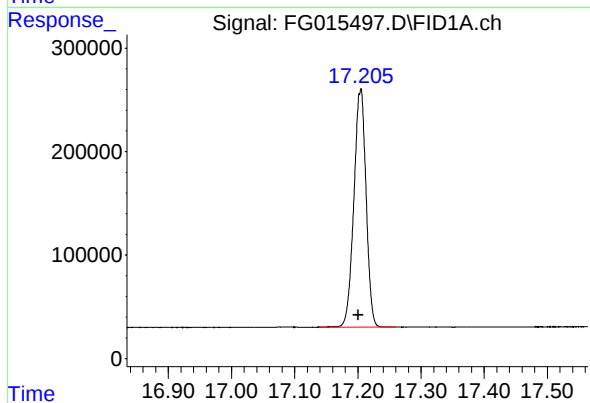
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: 0.002 min
Response: 3200654
Conc: 20.52 ug/ml



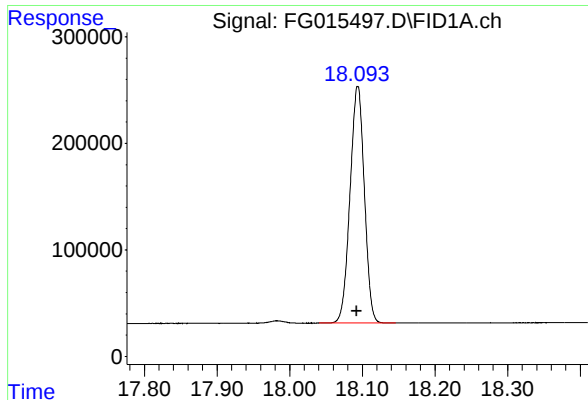
#15 n-Hexacosane (C26)

R.T.: 16.252 min
Delta R.T.: 0.001 min
Response: 3169231
Conc: 20.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.205 min
Delta R.T.: 0.004 min
Response: 3087134
Conc: 19.80 ug/ml



#17 n-Tricontane (C30)

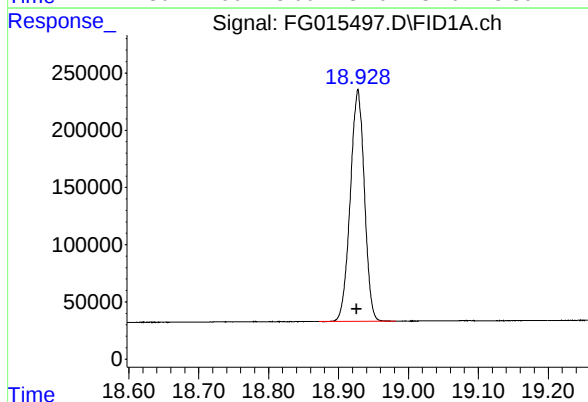
R.T.: 18.094 min
Delta R.T.: 0.002 min
Response: 3043695
Conc: 18.94 ug/ml

Instrument :

FID_G

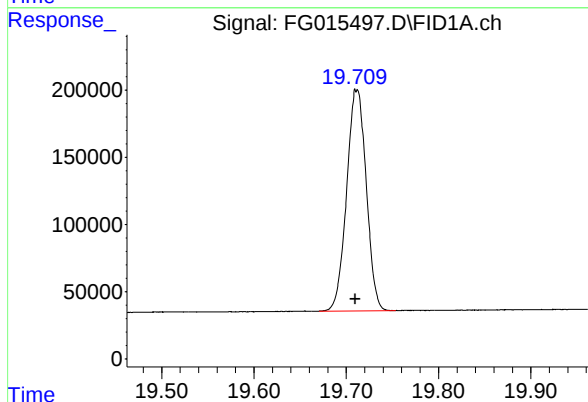
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



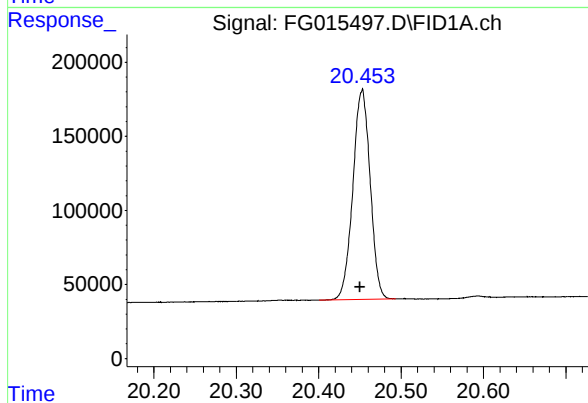
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: 0.002 min
Response: 2842976
Conc: 18.49 ug/ml



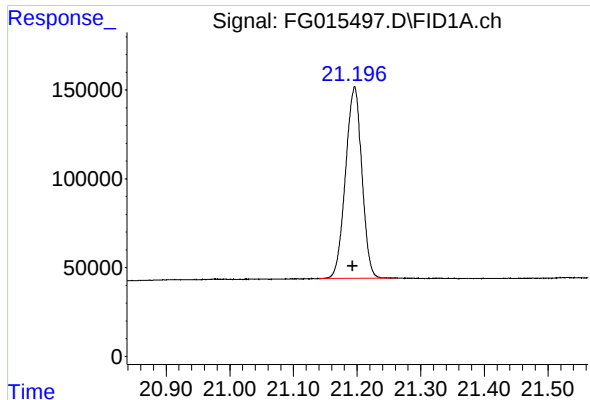
#19 n-Tetratriacontane (C34)

R.T.: 19.711 min
Delta R.T.: 0.002 min
Response: 2432944
Conc: 18.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.453 min
Delta R.T.: 0.003 min
Response: 2064487
Conc: 18.71 ug/ml



#21 n-Octatriacontane (C38)

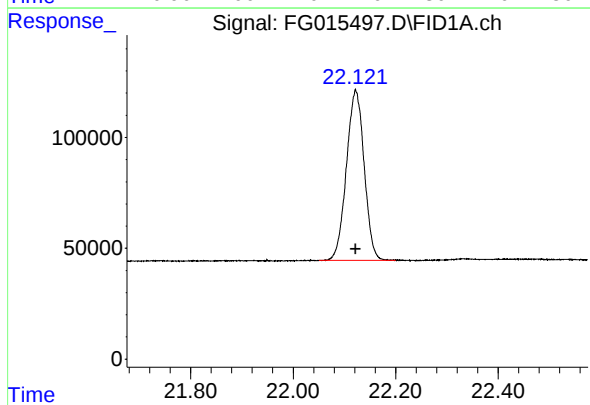
R.T.: 21.196 min
Delta R.T.: 0.003 min
Response: 1922649
Conc: 19.76 ug/ml

Instrument :

FID_G

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.122 min
Delta R.T.: 0.000 min
Response: 1846311
Conc: 20.42 ug/ml