

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102124AL\
 Data File : FG014476.D
 Signal(s) : FID1A.ch
 Acq On : 22 Oct 2024 03:23
 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: Oct 22 06:50:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 06:49:54 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)	11.985	3155986	20.591 ug/ml
Spiked Amount 50.000		Recovery =	41.18%
12) S 1-chlorooctadecane (S...	13.423	2586371	21.063 ug/ml
Spiked Amount 50.000		Recovery =	42.13%
Target Compounds			
1) T n-Nonane (C9)	3.347	2616584	20.219 ug/ml
2) T n-Decane (C10)	4.600	2665562	20.229 ug/ml
3) T A~Naphthalene (C11.7)	6.307	2901812	20.229 ug/ml
4) T n-Dodecane (C12)	6.772	2693122	20.273 ug/ml
5) T A~2-methylnaphthalene...	7.406	2825092	20.250 ug/ml
6) T n-Tetradecane (C14)	8.605	2704957	20.387 ug/ml
7) T n-Hexadecane (C16)	10.218	2857789	20.565 ug/ml
8) T n-Octadecane (C18)	11.665	2981784	20.829 ug/ml
10) T n-Eicosane (C20)	12.978	2961317	21.058 ug/ml
11) T n-Heneicosane (C21)	13.591	2958121	21.135 ug/ml
13) T n-Docosane (C22)	14.178	2978947	21.177 ug/ml
14) T n-Tetracosane (C24)	15.283	3019455	21.220 ug/ml
15) T n-Hexacosane (C26)	16.304	2993405	21.207 ug/ml
16) T n-Octacosane (C28)	17.255	2914681	21.089 ug/ml
17) T n-Tricontane (C30)	18.143	2909995	20.995 ug/ml
18) T n-Dotriacontane (C32)	18.974	2735700	20.895 ug/ml
19) T n-Tetratriacontane (C34)	19.757	2337254	20.882 ug/ml
20) T n-Hexatriacontane (C36)	20.496	1940381	20.847 ug/ml
21) T n-Octatriacontane (C38)	21.249	1745357	20.890 ug/ml
22) T n-Tetracontane (C40)	22.201	1581924	20.803 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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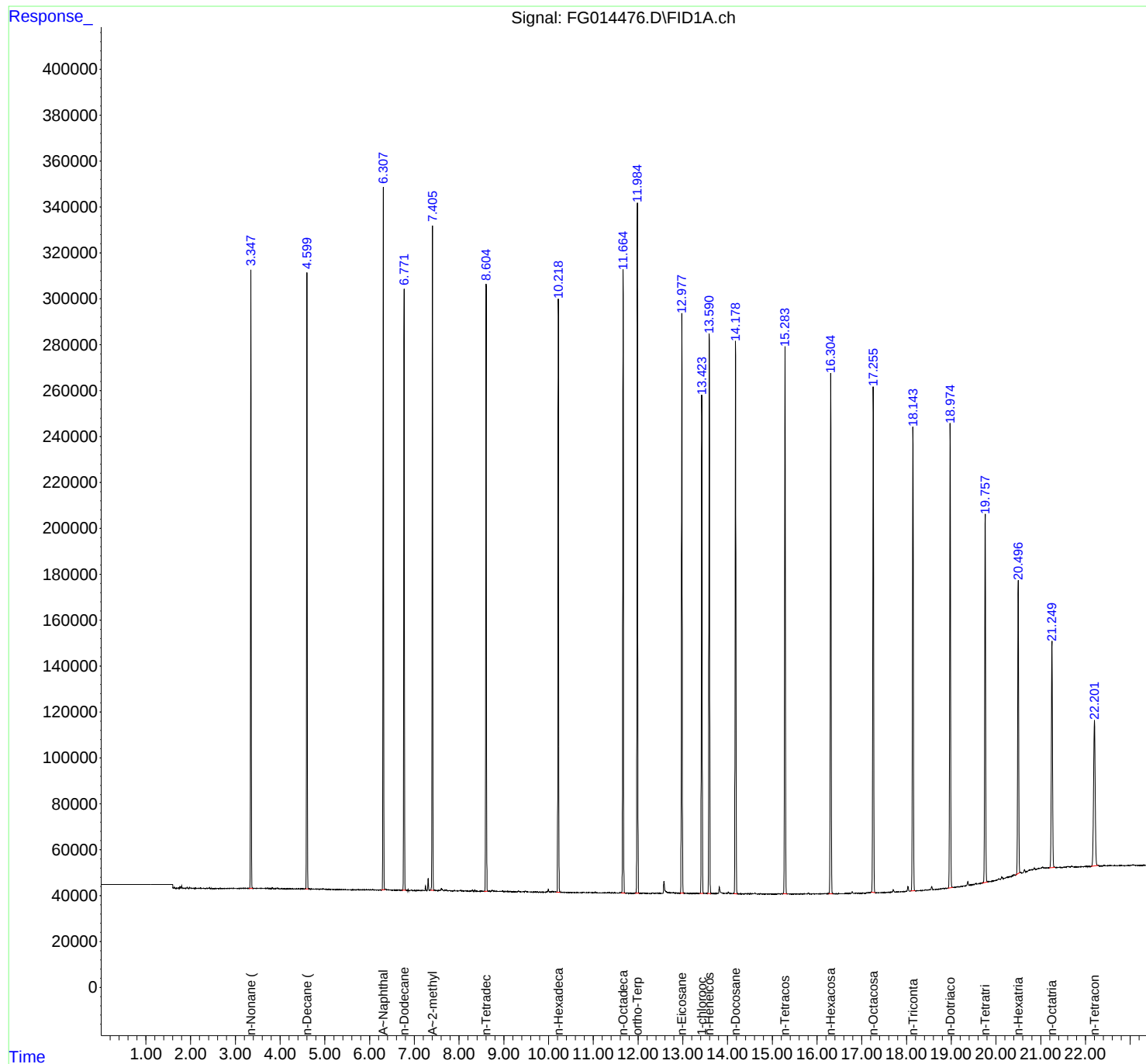
Response via : Initial Calibration

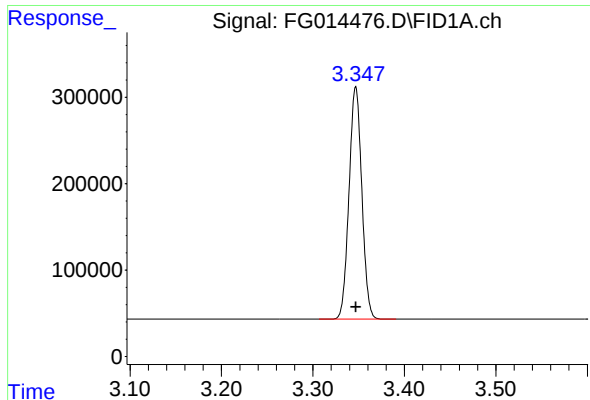
Integrator: ChemStation

Volume Inj. : 1 ul

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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

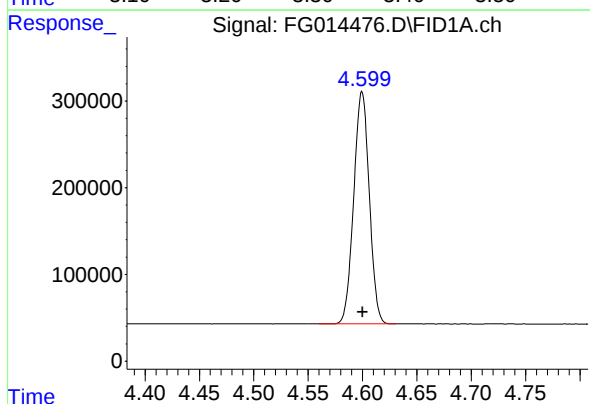
R.T.: 3.347 min
Delta R.T.: 0.000 min
Response: 2616584
Conc: 20.22 ug/ml

Instrument :

FID_G

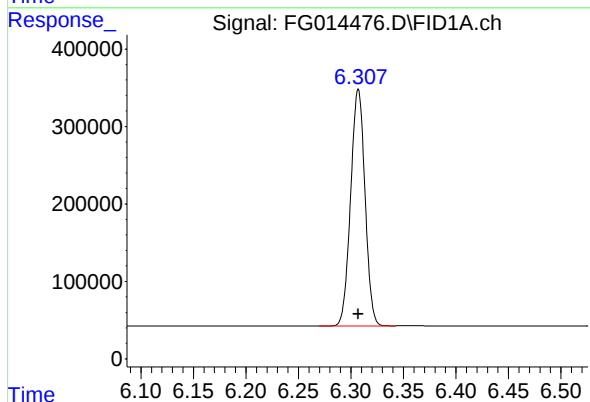
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



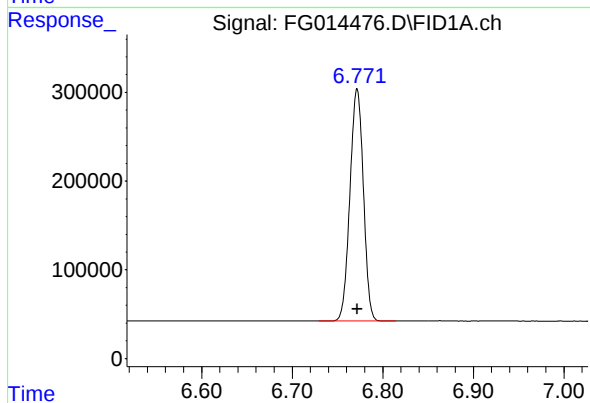
#2 n-Decane (C10)

R.T.: 4.600 min
Delta R.T.: 0.000 min
Response: 2665562
Conc: 20.23 ug/ml



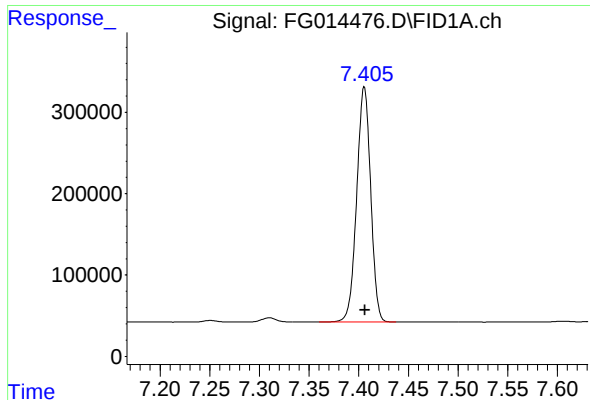
#3 A~Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: 0.000 min
Response: 2901812
Conc: 20.23 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 2693122
Conc: 20.27 ug/ml



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

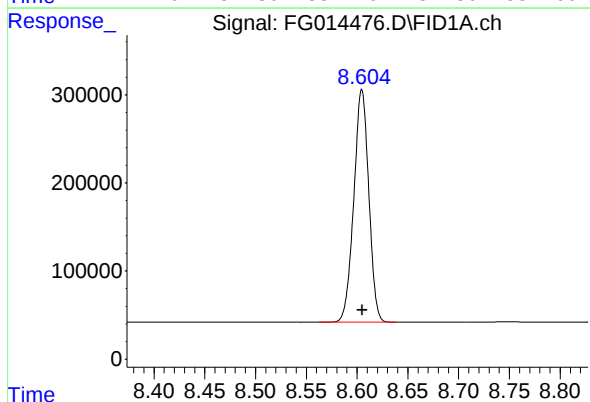
R.T.: 7.406 min
Delta R.T.: 0.000 min
Response: 2825092
Conc: 20.25 ug/ml

Instrument :

FID_G

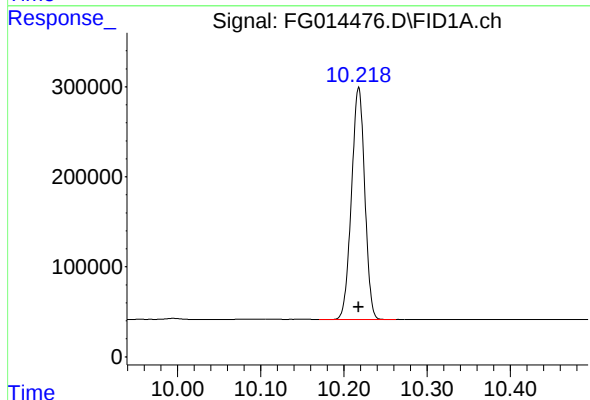
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



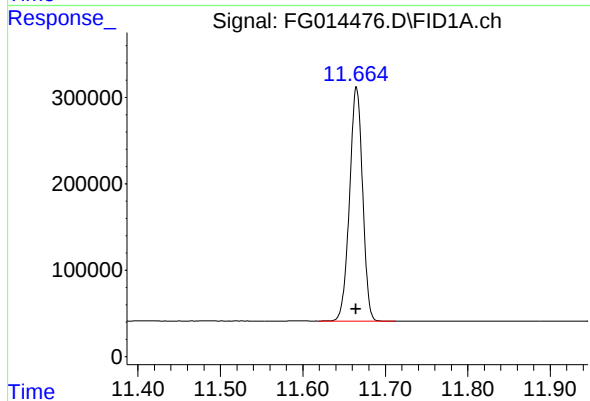
#6 n-Tetradecane (C14)

R.T.: 8.605 min
Delta R.T.: 0.000 min
Response: 2704957
Conc: 20.39 ug/ml



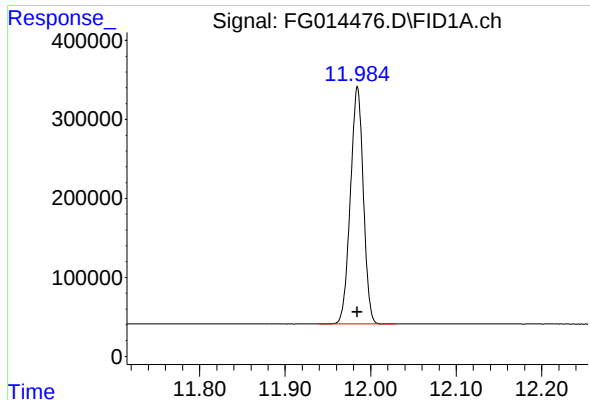
#7 n-Hexadecane (C16)

R.T.: 10.218 min
Delta R.T.: 0.000 min
Response: 2857789
Conc: 20.57 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.665 min
Delta R.T.: 0.000 min
Response: 2981784
Conc: 20.83 ug/ml



#9 ortho-Terphenyl (SURR)

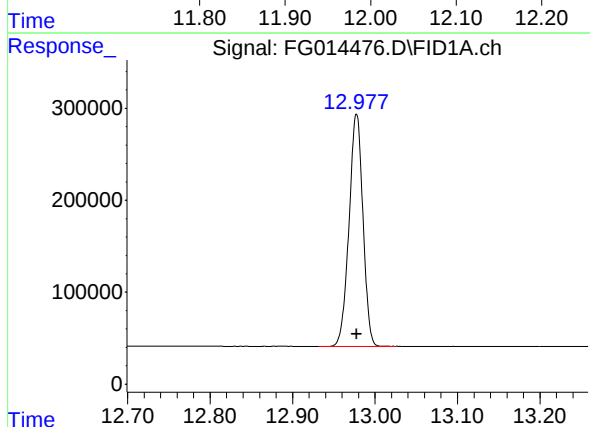
R.T.: 11.985 min
Delta R.T.: 0.000 min
Response: 3155986
Conc: 20.59 ug/ml

Instrument :

FID_G

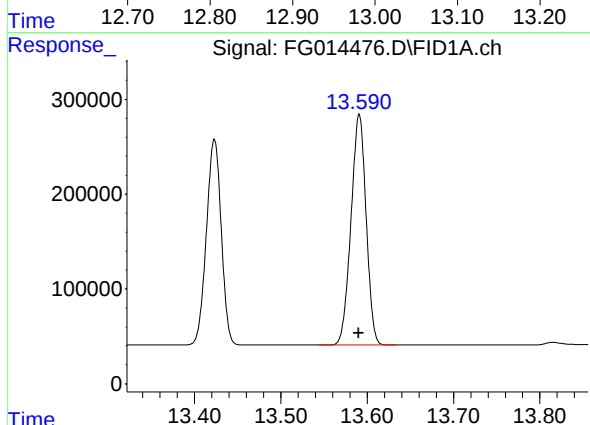
ClientSampleId :

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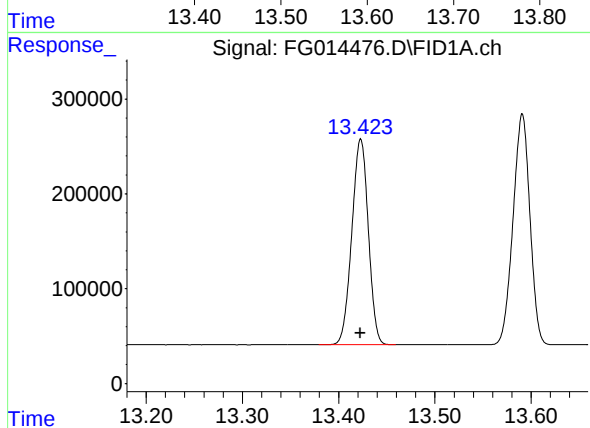
#10 n-Eicosane (C20)

R.T.: 12.978 min
Delta R.T.: 0.000 min
Response: 2961317
Conc: 21.06 ug/ml



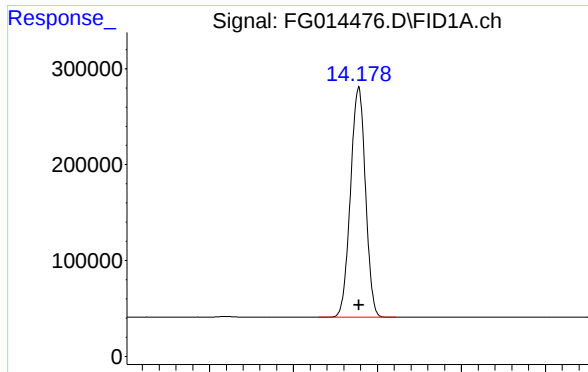
#11 n-Heneicosane (C21)

R.T.: 13.591 min
Delta R.T.: 0.000 min
Response: 2958121
Conc: 21.13 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.423 min
Delta R.T.: 0.000 min
Response: 2586371
Conc: 21.06 ug/ml



#13 n-Docosane (C22)

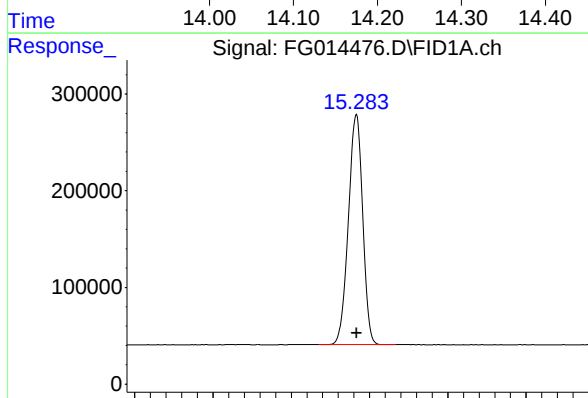
R.T.: 14.178 min
Delta R.T.: 0.000 min
Response: 2978947
Conc: 21.18 ug/ml

Instrument :

FID_G

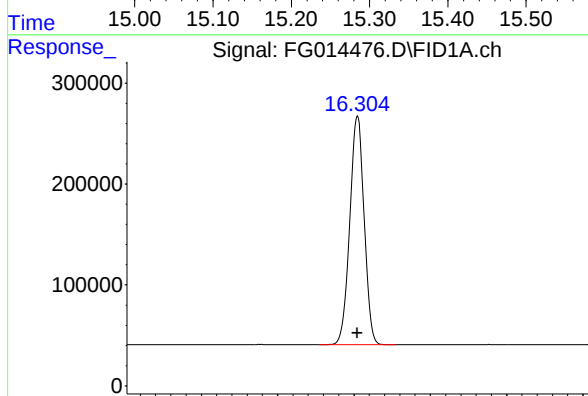
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



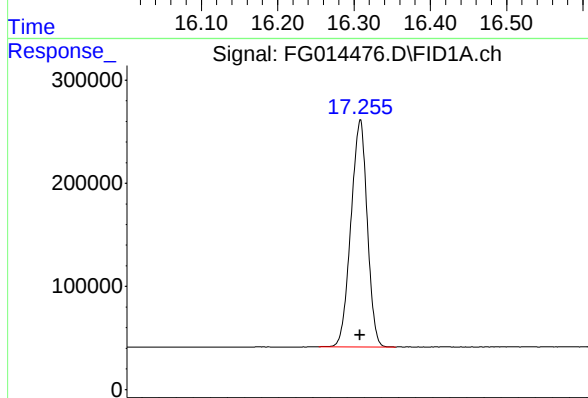
#14 n-Tetracosane (C24)

R.T.: 15.283 min
Delta R.T.: 0.000 min
Response: 3019455
Conc: 21.22 ug/ml



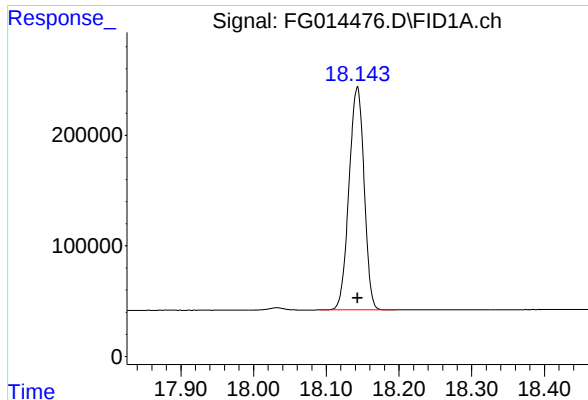
#15 n-Hexacosane (C26)

R.T.: 16.304 min
Delta R.T.: 0.000 min
Response: 2993405
Conc: 21.21 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.255 min
Delta R.T.: 0.000 min
Response: 2914681
Conc: 21.09 ug/ml



#17 n-Tricontane (C30)

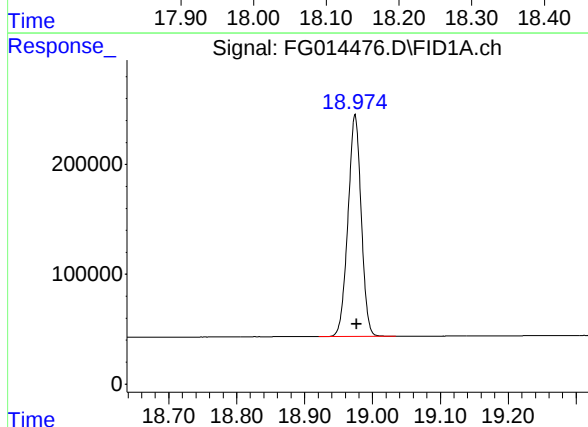
R.T.: 18.143 min
Delta R.T.: 0.000 min
Response: 2909995
Conc: 21.00 ug/ml

Instrument :

FID_G

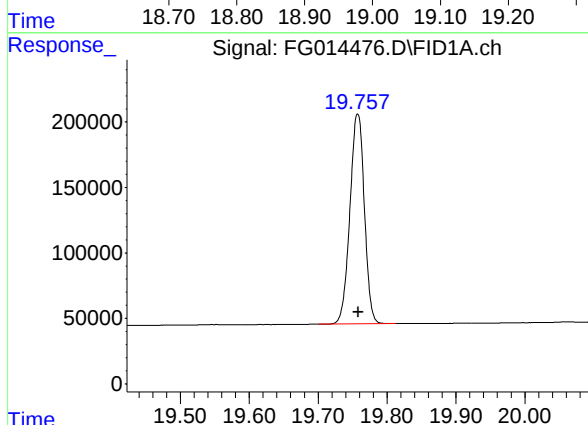
ClientSampleId :

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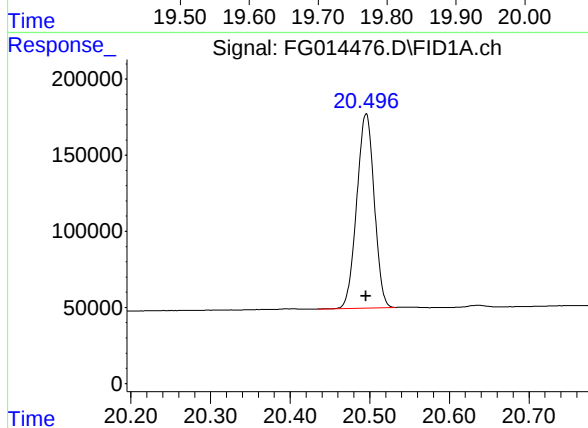
#18 n-Dotriacontane (C32)

R.T.: 18.974 min
Delta R.T.: -0.002 min
Response: 2735700
Conc: 20.90 ug/ml



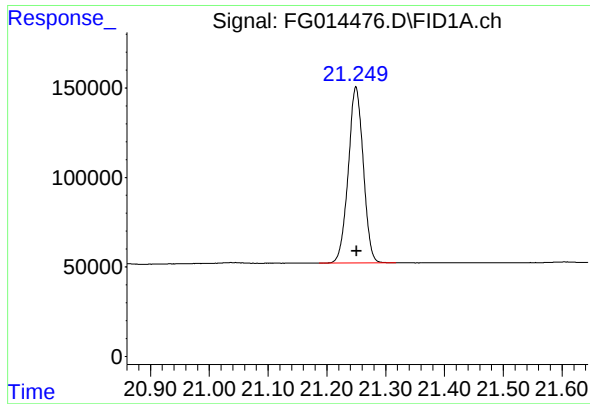
#19 n-Tetratriacontane (C34)

R.T.: 19.757 min
Delta R.T.: -0.001 min
Response: 2337254
Conc: 20.88 ug/ml



#20 n-Hexatriacontane (C36)

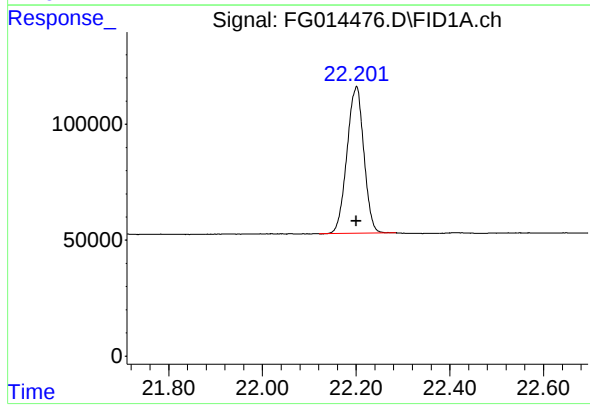
R.T.: 20.496 min
Delta R.T.: 0.000 min
Response: 1940381
Conc: 20.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.249 min
Delta R.T.: -0.001 min
Response: 1745357
Conc: 20.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.201 min
Delta R.T.: 0.000 min
Response: 1581924
Conc: 20.80 ug/ml