

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082222AL\
 Data File : FG010414.D
 Signal(s) : FID1A.ch
 Acq On : 22 Aug 2022 20:40
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Aug 23 02:20:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH FG082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 02:19:50 2022
 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)	10.678	2771566	19.356 ug/ml
Spiked Amount 50.000		Recovery =	38.71%
12) S 1-chlorooctadecane (S...	12.130	2226770	19.357 ug/ml
Spiked Amount 50.000		Recovery =	38.71%
Target Compounds			
1) T n-Nonane (C9)	2.565	2330443	19.534 ug/ml
2) T n-Decane (C10)	3.562	2340706	19.513 ug/ml
3) T A~Naphthalene (C11.7)	5.104	2711463	19.567 ug/ml
4) T n-Dodecane (C12)	5.546	2407720	19.419 ug/ml
5) T A~2-methylnaphthalene...	6.153	2748622	19.556 ug/ml
6) T n-Tetradecane (C14)	7.337	2470109	19.349 ug/ml
7) T n-Hexadecane (C16)	8.937	2502675	19.353 ug/ml
8) T n-Octadecane (C18)	10.379	2542601	19.350 ug/ml
10) T n-Eicosane (C20)	11.688	2502960	19.339 ug/ml
11) T n-Heneicosane (C21)	12.302	2495696	19.335 ug/ml
13) T n-Docosane (C22)	12.887	2460130	19.337 ug/ml
14) T n-Tetracosane (C24)	13.992	2425043	19.323 ug/ml
15) T n-Hexacosane (C26)	15.013	2341947	19.398 ug/ml
16) T n-Octacosane (C28)	15.962	2287728	19.423 ug/ml
17) T n-Tricontane (C30)	16.851	2158278	19.378 ug/ml
18) T n-Dotriacontane (C32)	17.684	1759771	19.381 ug/ml
19) T n-Tetratriacontane (C34)	18.466	1295013	19.347 ug/ml
20) T n-Hexatriacontane (C36)	19.207	992260	19.225 ug/ml
21) T n-Octatriacontane (C38)	19.918	872889	19.411 ug/ml
22) T n-Tetracontane (C40)	20.754	813736	19.214 ug/ml

(f)=RT Delta > 1/2 Window

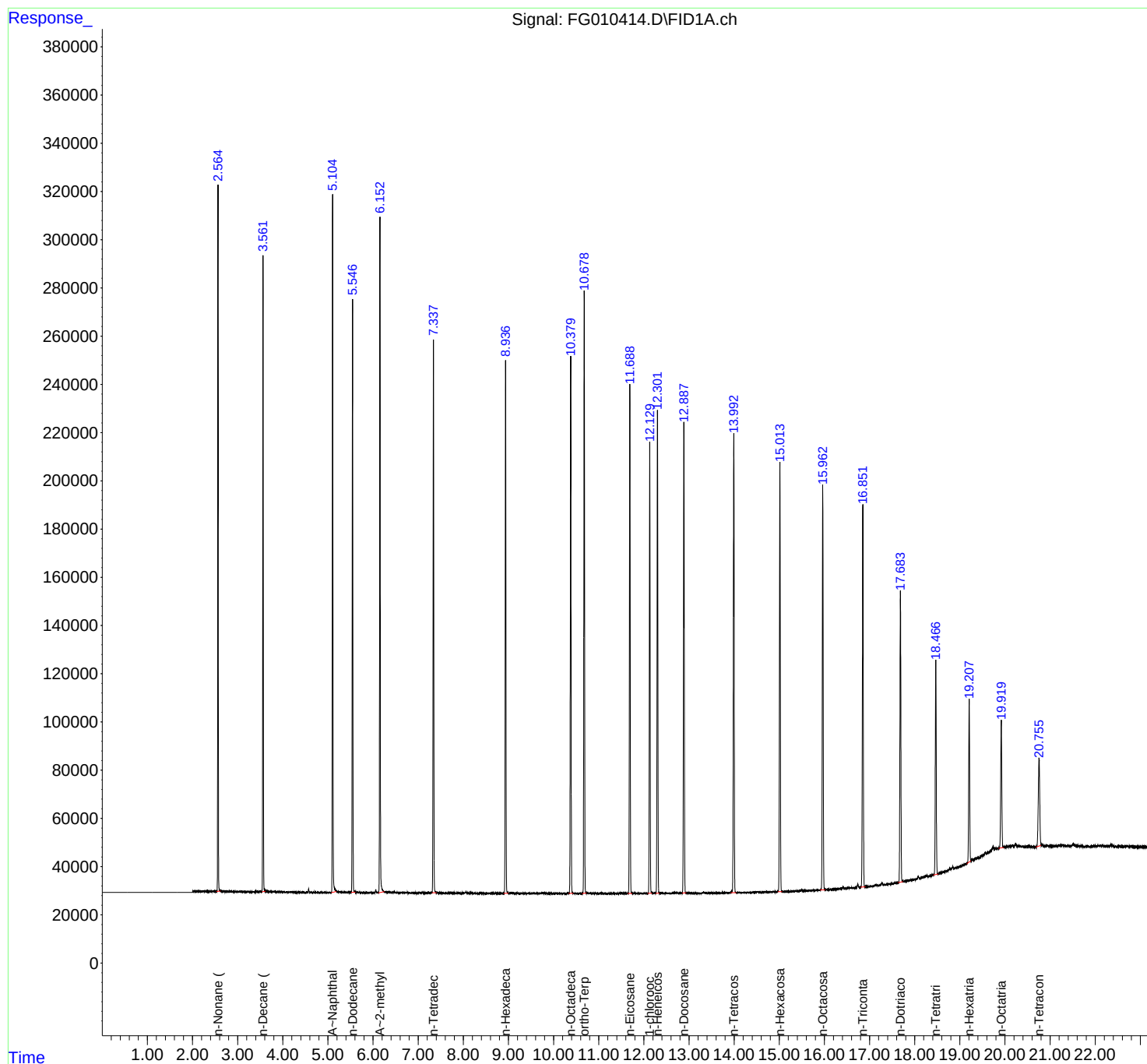
(m)=manual int.

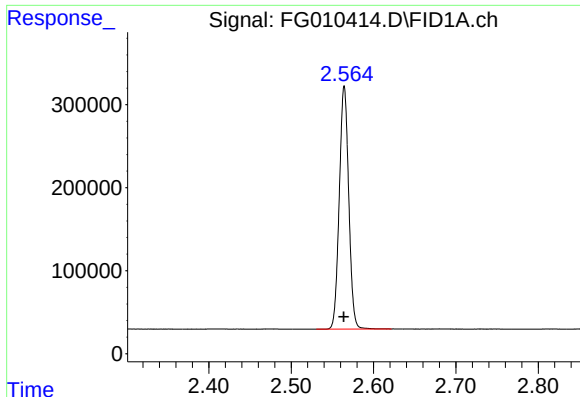
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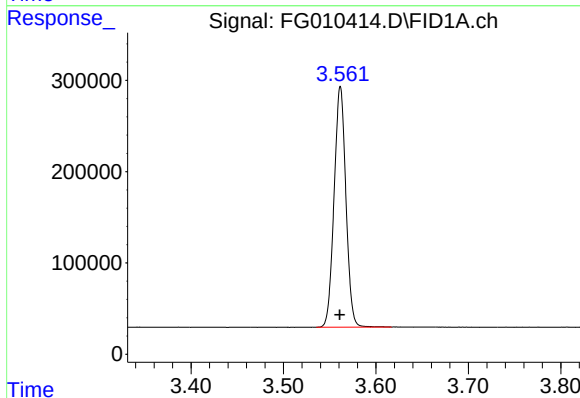




#1 n-Nonane (C9)

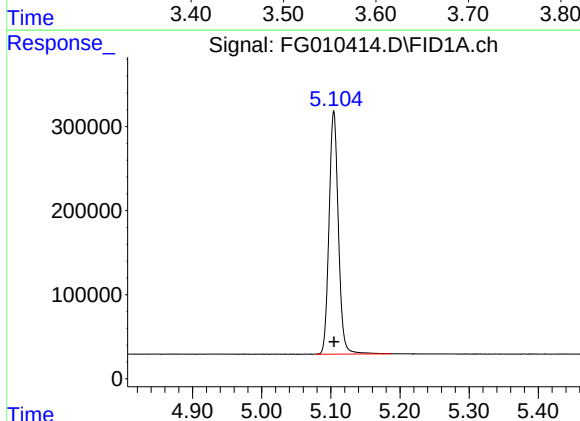
R.T.: 2.565 min
Delta R.T.: 0.000 min
Response: 2330443
Conc: 19.53 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



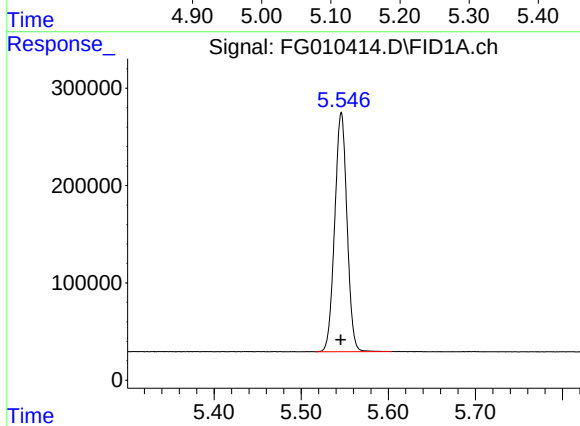
#2 n-Decane (C10)

R.T.: 3.562 min
Delta R.T.: 0.000 min
Response: 2340706
Conc: 19.51 ug/ml



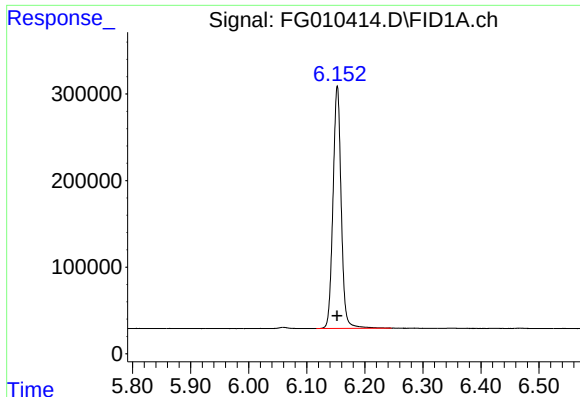
#3 A~Naphthalene (C11.7)

R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 2711463
Conc: 19.57 ug/ml



#4 n-Dodecane (C12)

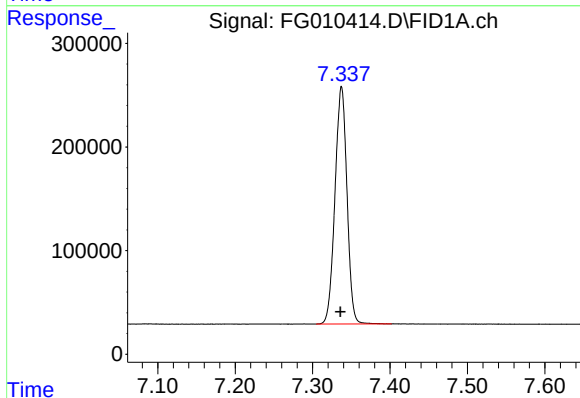
R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 2407720
Conc: 19.42 ug/ml



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

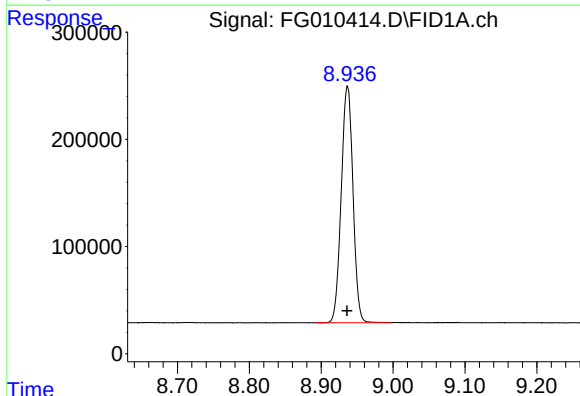
R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 2748622
Conc: 19.56 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



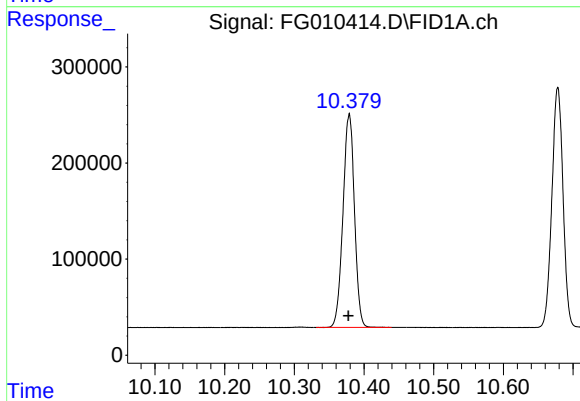
#6 n-Tetradecane (C14)

R.T.: 7.337 min
Delta R.T.: 0.002 min
Response: 2470109
Conc: 19.35 ug/ml



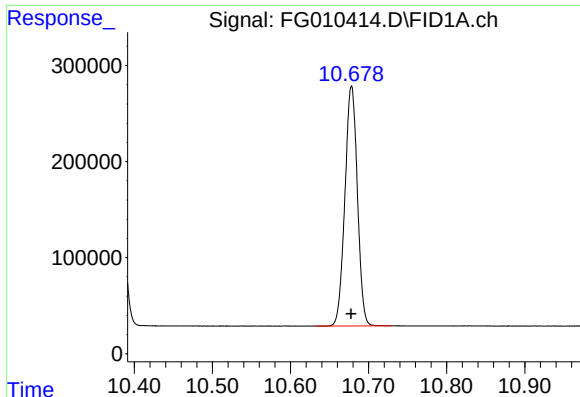
#7 n-Hexadecane (C16)

R.T.: 8.937 min
Delta R.T.: 0.000 min
Response: 2502675
Conc: 19.35 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.379 min
Delta R.T.: 0.001 min
Response: 2542601
Conc: 19.35 ug/ml



#9 ortho-Terphenyl (SURR)

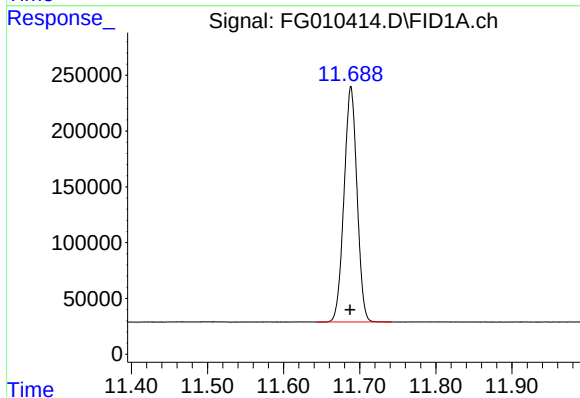
R.T.: 10.678 min
Delta R.T.: 0.000 min
Response: 2771566
Conc: 19.36 ug/ml

Instrument :

FID_G

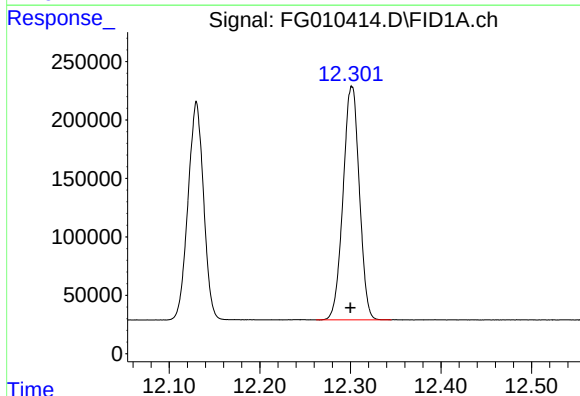
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



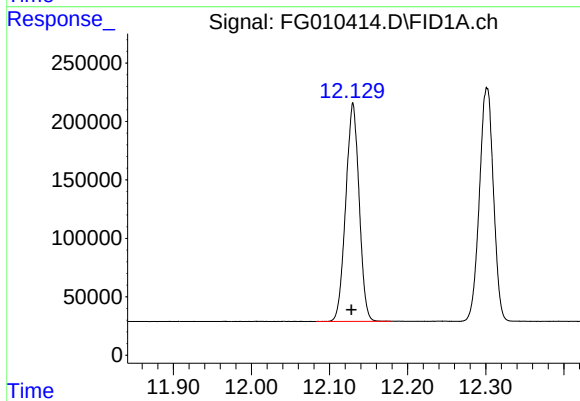
#10 n-Eicosane (C20)

R.T.: 11.688 min
Delta R.T.: 0.001 min
Response: 2502960
Conc: 19.34 ug/ml



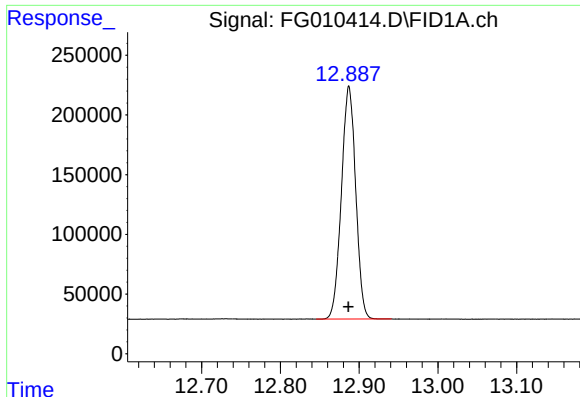
#11 n-Heneicosane (C21)

R.T.: 12.302 min
Delta R.T.: 0.002 min
Response: 2495696
Conc: 19.34 ug/ml



#12 1-chlorooctadecane (SURR)

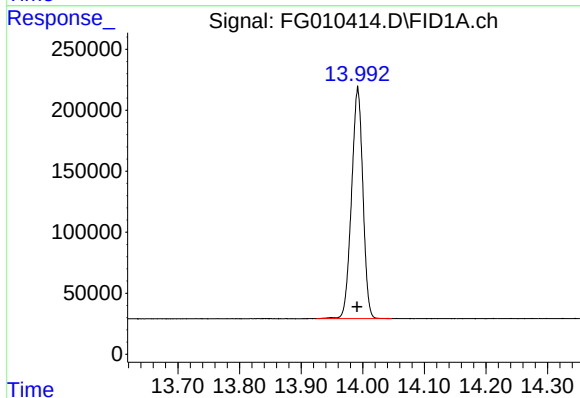
R.T.: 12.130 min
Delta R.T.: 0.002 min
Response: 2226770
Conc: 19.36 ug/ml



#13 n-Docosane (C22)

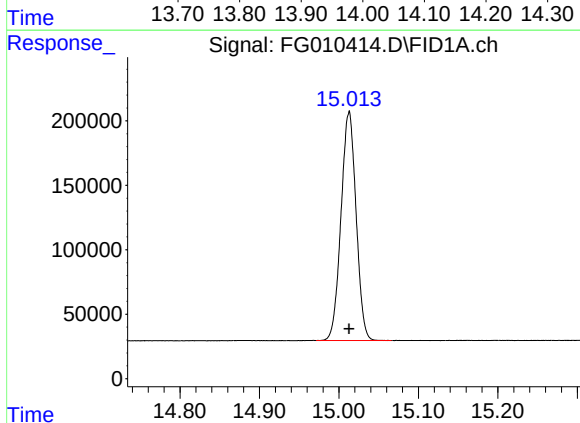
R.T.: 12.887 min
Delta R.T.: 0.000 min
Response: 2460130
Conc: 19.34 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



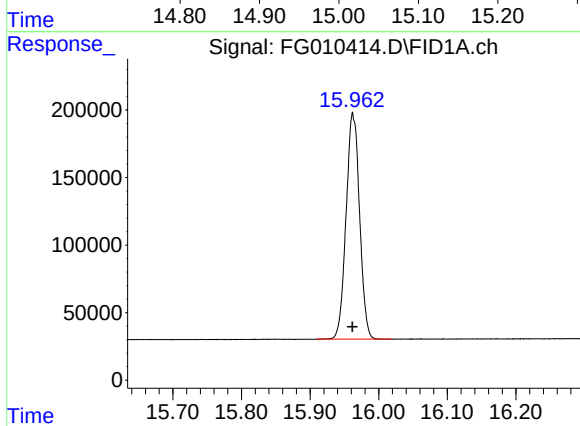
#14 n-Tetracosane (C24)

R.T.: 13.992 min
Delta R.T.: 0.000 min
Response: 2425043
Conc: 19.32 ug/ml



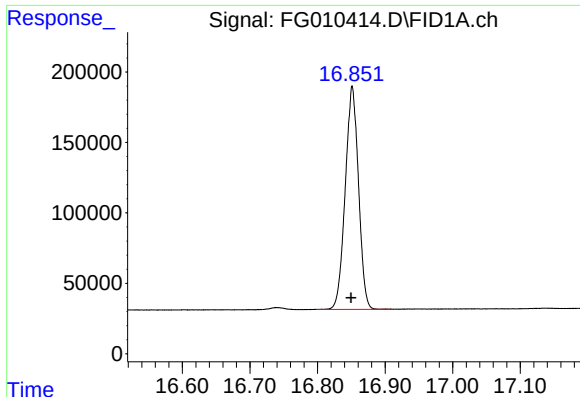
#15 n-Hexacosane (C26)

R.T.: 15.013 min
Delta R.T.: 0.000 min
Response: 2341947
Conc: 19.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.962 min
Delta R.T.: 0.000 min
Response: 2287728
Conc: 19.42 ug/ml



#17 n-Tricontane (C30)

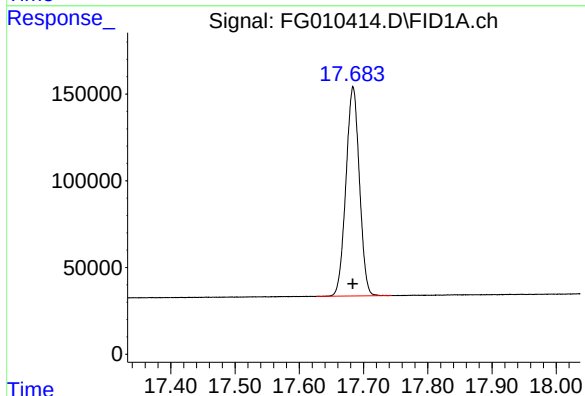
R.T.: 16.851 min
Delta R.T.: 0.002 min
Response: 2158278
Conc: 19.38 ug/ml

Instrument :

FID_G

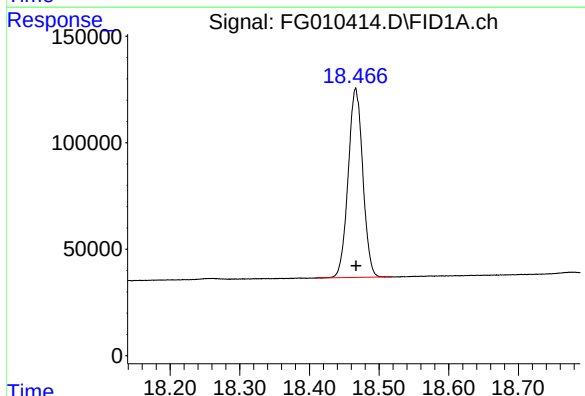
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



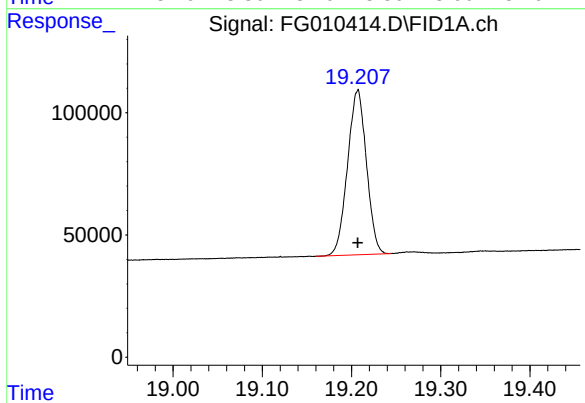
#18 n-Dotriacontane (C32)

R.T.: 17.684 min
Delta R.T.: 0.000 min
Response: 1759771
Conc: 19.38 ug/ml



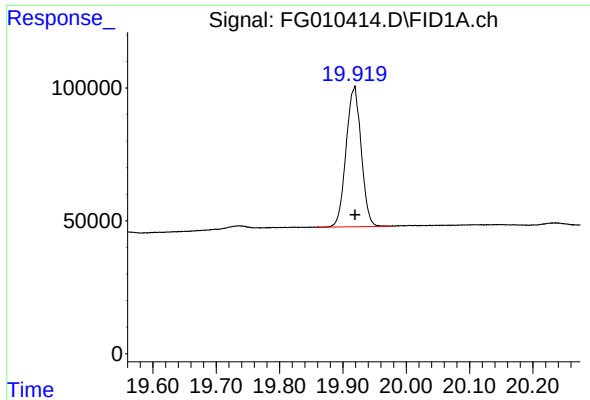
#19 n-Tetratriacontane (C34)

R.T.: 18.466 min
Delta R.T.: 0.000 min
Response: 1295013
Conc: 19.35 ug/ml



#20 n-Hexatriacontane (C36)

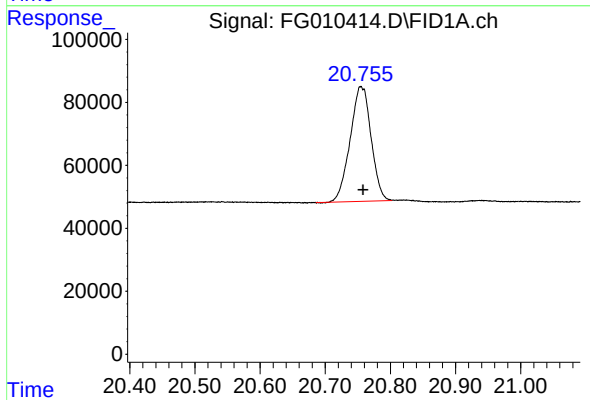
R.T.: 19.207 min
Delta R.T.: 0.000 min
Response: 992260
Conc: 19.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.918 min
Delta R.T.: 0.000 min
Response: 872889
Conc: 19.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.754 min
Delta R.T.: -0.004 min
Response: 813736
Conc: 19.21 ug/ml