

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG123024AL\
 Data File : FG015038.D
 Signal(s) : FID1A.ch
 Acq On : 30 Dec 2024 18:56
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 31 01:21:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 122024.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 20 13:49:57 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)	11.948	3246438	20.579 ug/ml
Spiked Amount 50.000		Recovery =	41.16%
12) S 1-chlorooctadecane (S...	13.393	2578400	20.404 ug/ml
Spiked Amount 50.000		Recovery =	40.81%
Target Compounds			
1) T n-Nonane (C9)	3.290	2656900	20.782 ug/ml
2) T n-Decane (C10)	4.549	2718927	20.862 ug/ml
3) T A~Naphthalene (C11.7)	6.260	2994147	20.858 ug/ml
4) T n-Dodecane (C12)	6.729	2782732	21.061 ug/ml
5) T A~2-methylnaphthalene...	7.361	2934123	20.933 ug/ml
6) T n-Tetradecane (C14)	8.566	2827040	21.192 ug/ml
7) T n-Hexadecane (C16)	10.182	2993578	21.207 ug/ml
8) T n-Octadecane (C18)	11.631	3074841	20.988 ug/ml
10) T n-Eicosane (C20)	12.947	2990604	20.609 ug/ml
11) T n-Heneicosane (C21)	13.562	2953913	20.383 ug/ml
13) T n-Docosane (C22)	14.150	2940307	20.118 ug/ml
14) T n-Tetracosane (C24)	15.258	2919325	19.550 ug/ml
15) T n-Hexacosane (C26)	16.282	2842311	18.941 ug/ml
16) T n-Octacosane (C28)	17.236	2739129	18.297 ug/ml
17) T n-Tricontane (C30)	18.126	2728617	17.776 ug/ml
18) T n-Dotriacontane (C32)	18.962	2563951	17.378 ug/ml
19) T n-Tetratriacontane (C34)	19.748	2210391	17.320 ug/ml
20) T n-Hexatriacontane (C36)	20.489	1888431	17.506 ug/ml
21) T n-Octatriacontane (C38)	21.239	1765042	17.609 ug/ml
22) T n-Tetracontane (C40)	22.182	1705637	18.158 ug/ml

(f)=RT Delta > 1/2 Window

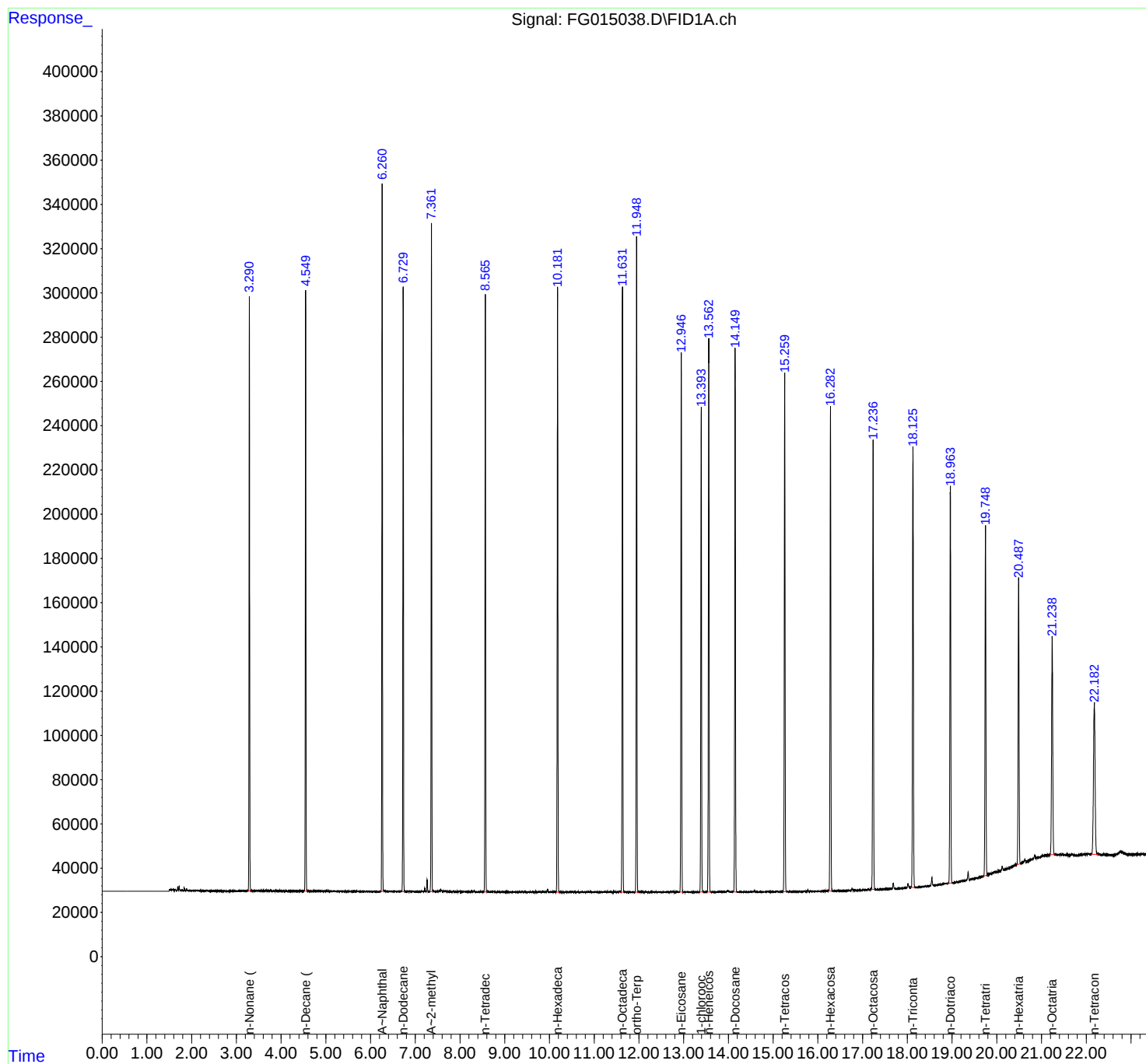
(m)=manual int.

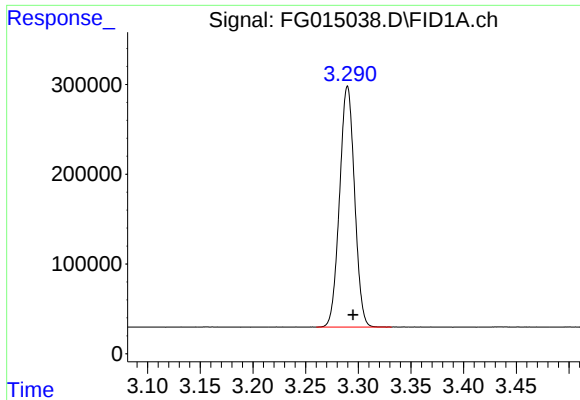
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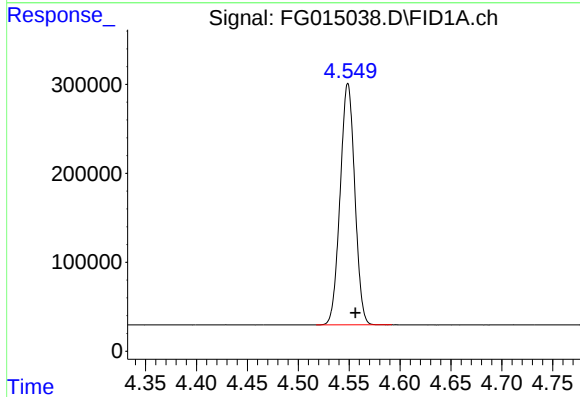




#1 n-Nonane (C9)

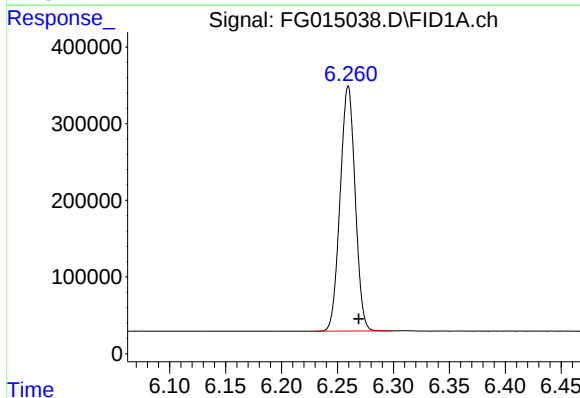
R.T.: 3.290 min
Delta R.T.: -0.005 min
Response: 2656900
Conc: 20.78 ug/ml

Instrument :
FID_G
ClientSampleId :



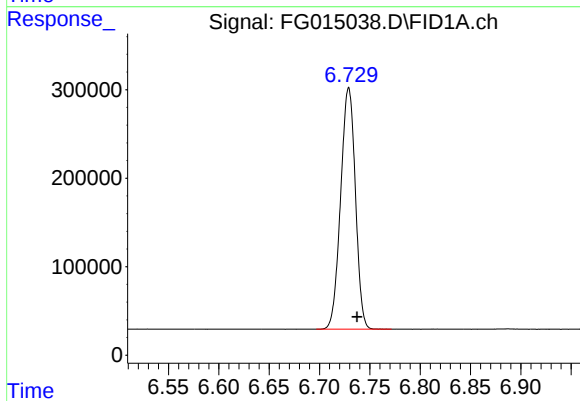
#2 n-Decane (C10)

R.T.: 4.549 min
Delta R.T.: -0.007 min
Response: 2718927
Conc: 20.86 ug/ml



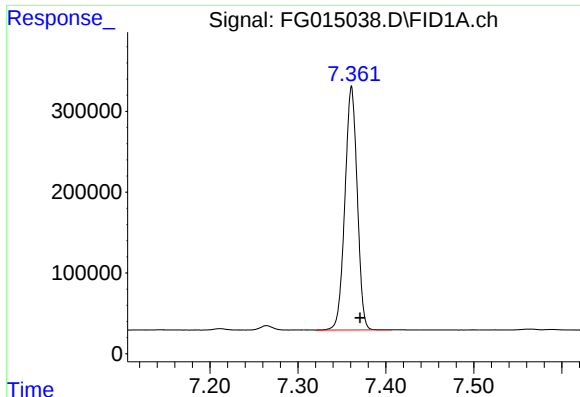
#3 A~Naphthalene (C11.7)

R.T.: 6.260 min
Delta R.T.: -0.009 min
Response: 2994147
Conc: 20.86 ug/ml



#4 n-Dodecane (C12)

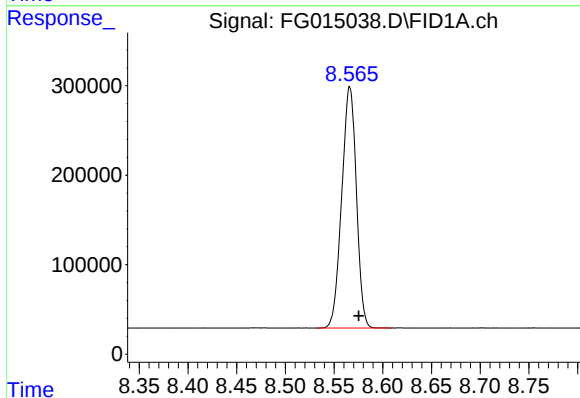
R.T.: 6.729 min
Delta R.T.: -0.008 min
Response: 2782732
Conc: 21.06 ug/ml



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

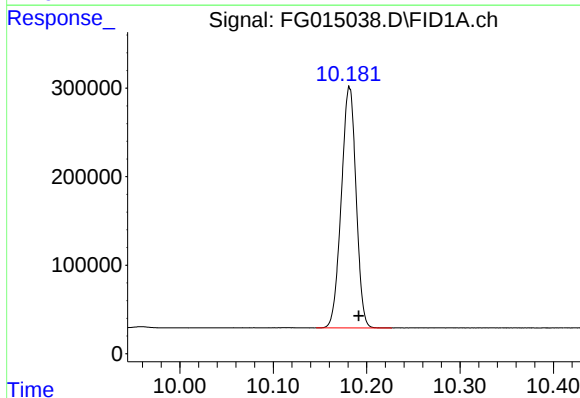
R.T.: 7.361 min
Delta R.T.: -0.010 min
Response: 2934123
Conc: 20.93 ug/ml

Instrument :
FID_G
ClientSampleId :



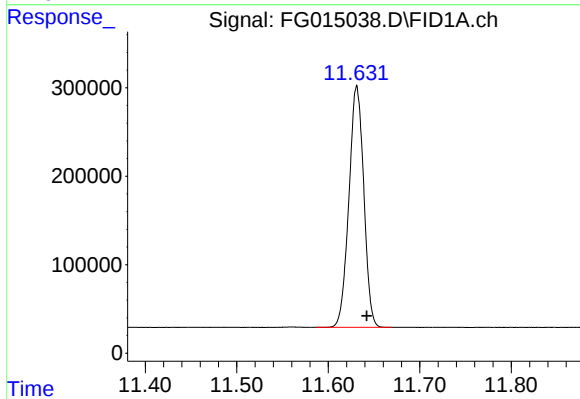
#6 n-Tetradecane (C14)

R.T.: 8.566 min
Delta R.T.: -0.009 min
Response: 2827040
Conc: 21.19 ug/ml



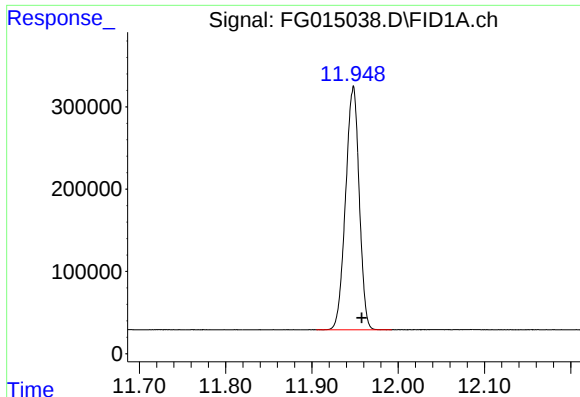
#7 n-Hexadecane (C16)

R.T.: 10.182 min
Delta R.T.: -0.010 min
Response: 2993578
Conc: 21.21 ug/ml



#8 n-Octadecane (C18)

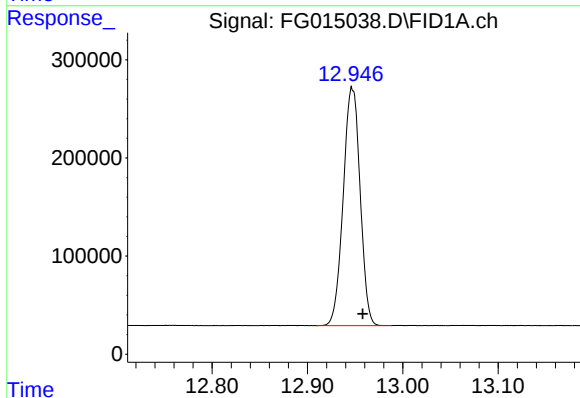
R.T.: 11.631 min
Delta R.T.: -0.011 min
Response: 3074841
Conc: 20.99 ug/ml



#9 ortho-Terphenyl (SURR)

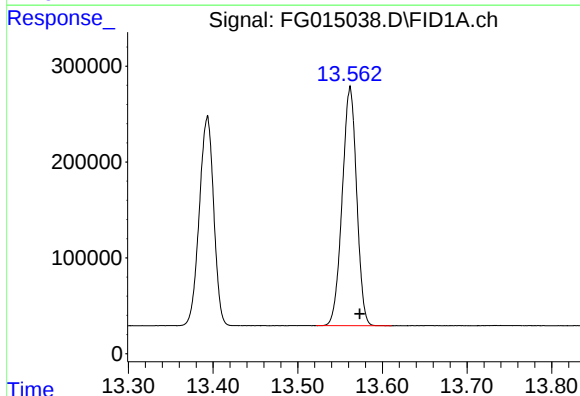
R.T.: 11.948 min
Delta R.T.: -0.010 min
Response: 3246438
Conc: 20.58 ug/ml

Instrument :
FID_G
ClientSampleId :



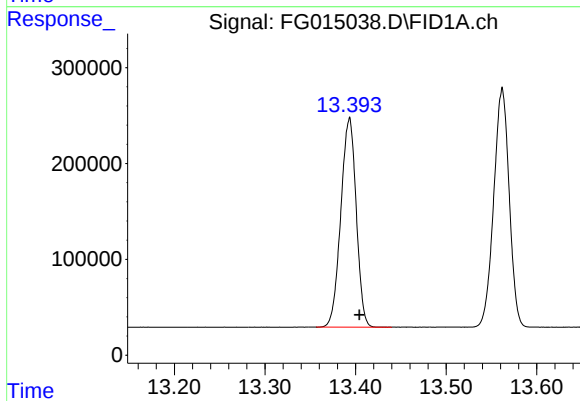
#10 n-Eicosane (C20)

R.T.: 12.947 min
Delta R.T.: -0.011 min
Response: 2990604
Conc: 20.61 ug/ml



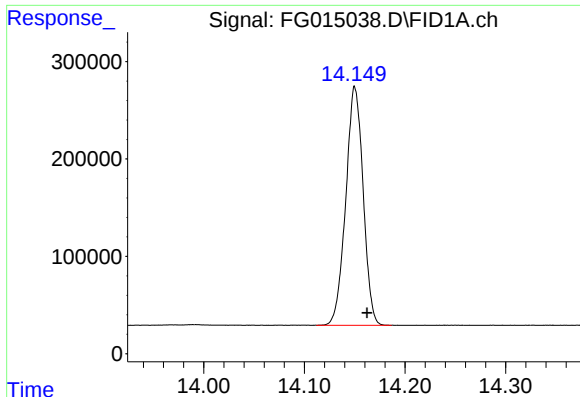
#11 n-Heneicosane (C21)

R.T.: 13.562 min
Delta R.T.: -0.012 min
Response: 2953913
Conc: 20.38 ug/ml



#12 1-chlorooctadecane (SURR)

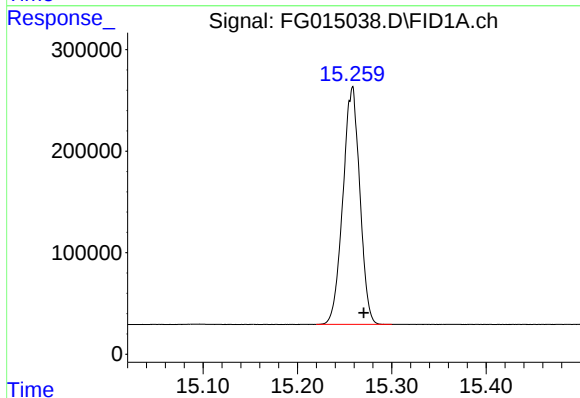
R.T.: 13.393 min
Delta R.T.: -0.011 min
Response: 2578400
Conc: 20.40 ug/ml



#13 n-Docosane (C22)

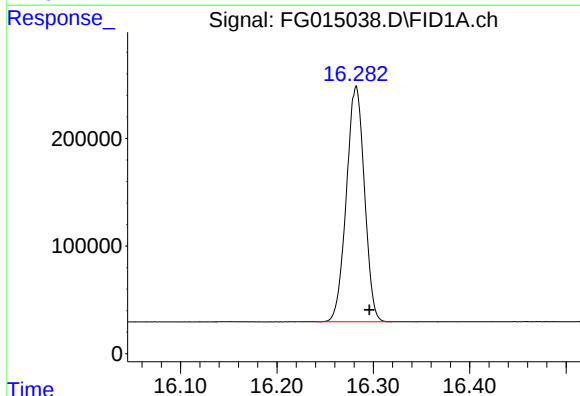
R.T.: 14.150 min
Delta R.T.: -0.012 min
Response: 2940307
Conc: 20.12 ug/ml

Instrument :
FID_G
ClientSampleId :



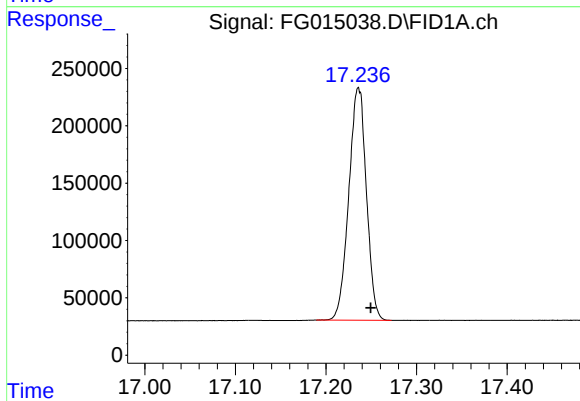
#14 n-Tetracosane (C24)

R.T.: 15.258 min
Delta R.T.: -0.012 min
Response: 2919325
Conc: 19.55 ug/ml



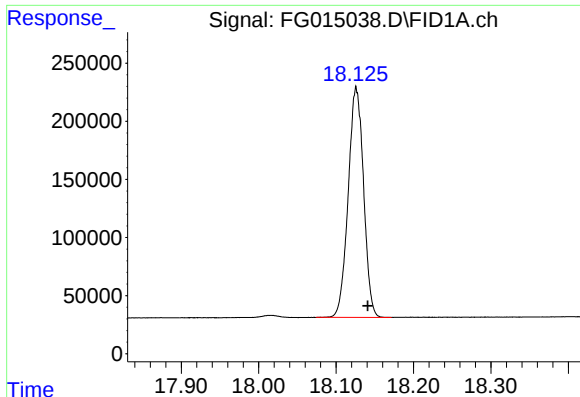
#15 n-Hexacosane (C26)

R.T.: 16.282 min
Delta R.T.: -0.014 min
Response: 2842311
Conc: 18.94 ug/ml



#16 n-Octacosane (C28)

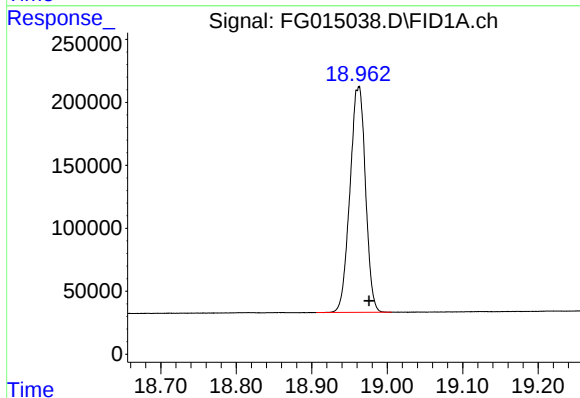
R.T.: 17.236 min
Delta R.T.: -0.014 min
Response: 2739129
Conc: 18.30 ug/ml



#17 n-Tricontane (C30)

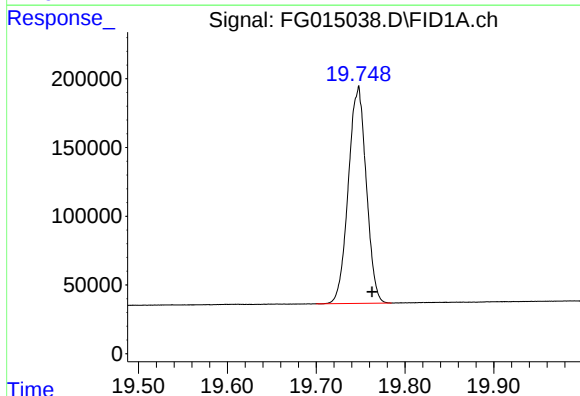
R.T.: 18.126 min
Delta R.T.: -0.015 min
Response: 2728617
Conc: 17.78 ug/ml

Instrument :
FID_G
ClientSampleId :



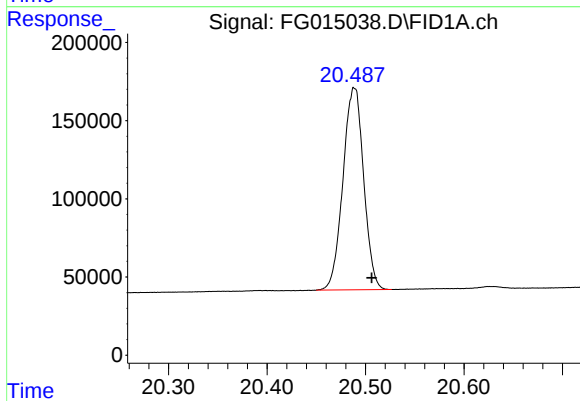
#18 n-Dotriacontane (C32)

R.T.: 18.962 min
Delta R.T.: -0.014 min
Response: 2563951
Conc: 17.38 ug/ml



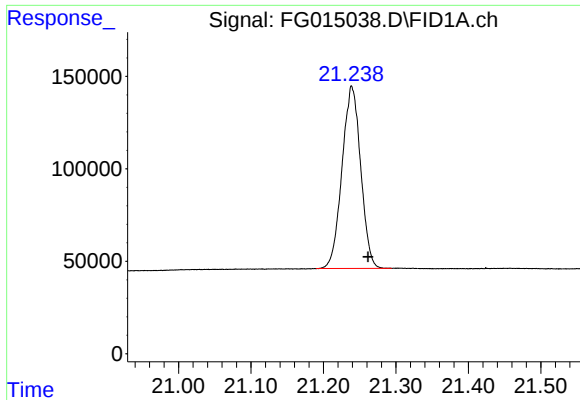
#19 n-Tetratriacontane (C34)

R.T.: 19.748 min
Delta R.T.: -0.015 min
Response: 2210391
Conc: 17.32 ug/ml



#20 n-Hexatriacontane (C36)

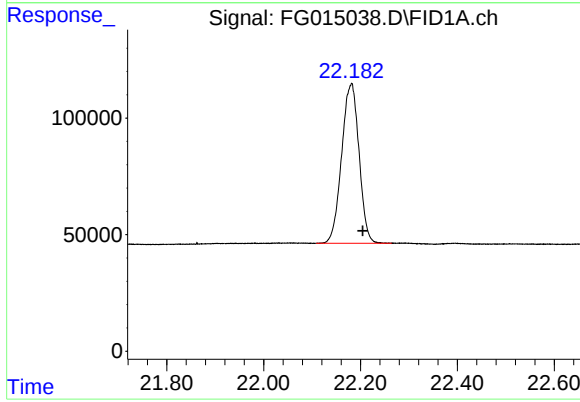
R.T.: 20.489 min
Delta R.T.: -0.017 min
Response: 1888431
Conc: 17.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.239 min
Delta R.T.: -0.022 min
Response: 1765042
Conc: 17.61 ug/ml

Instrument :
FID_G
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.182 min
Delta R.T.: -0.023 min
Response: 1705637
Conc: 18.16 ug/ml