

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG123124AL\
 Data File : FG015053.D
 Signal(s) : FID1A.ch
 Acq On : 31 Dec 2024 16:21
 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: Jan 01 01:10:37 2025
 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)	11.946	3278732	20.783 ug/ml
Spiked Amount 50.000		Recovery =	41.57%
12) S 1-chlorooctadecane (S...	13.391	2592540	20.516 ug/ml
Spiked Amount 50.000		Recovery =	41.03%
Target Compounds			
1) T n-Nonane (C9)	3.289	2727792	21.337 ug/ml
2) T n-Decane (C10)	4.548	2803241	21.509 ug/ml
3) T A~Naphthalene (C11.7)	6.259	3097900	21.581 ug/ml
4) T n-Dodecane (C12)	6.728	2883122	21.821 ug/ml
5) T A~2-methylnaphthalene...	7.361	3034010	21.646 ug/ml
6) T n-Tetradecane (C14)	8.565	2911978	21.829 ug/ml
7) T n-Hexadecane (C16)	10.180	3050078	21.608 ug/ml
8) T n-Octadecane (C18)	11.630	3105393	21.197 ug/ml
10) T n-Eicosane (C20)	12.946	3007572	20.726 ug/ml
11) T n-Heneicosane (C21)	13.561	2960985	20.432 ug/ml
13) T n-Docosane (C22)	14.149	2940035	20.116 ug/ml
14) T n-Tetracosane (C24)	15.257	2902884	19.440 ug/ml
15) T n-Hexacosane (C26)	16.281	2809984	18.725 ug/ml
16) T n-Octacosane (C28)	17.233	2694917	18.002 ug/ml
17) T n-Tricontane (C30)	18.123	2663158	17.350 ug/ml
18) T n-Dotriacontane (C32)	18.959	2521722	17.092 ug/ml
19) T n-Tetratriacontane (C34)	19.745	2185128	17.122 ug/ml
20) T n-Hexatriacontane (C36)	20.486	1897174	17.587 ug/ml
21) T n-Octatriacontane (C38)	21.238	1761830	17.577 ug/ml
22) T n-Tetracontane (C40)	22.178	1741807	18.543 ug/ml

(f)=RT Delta > 1/2 Window

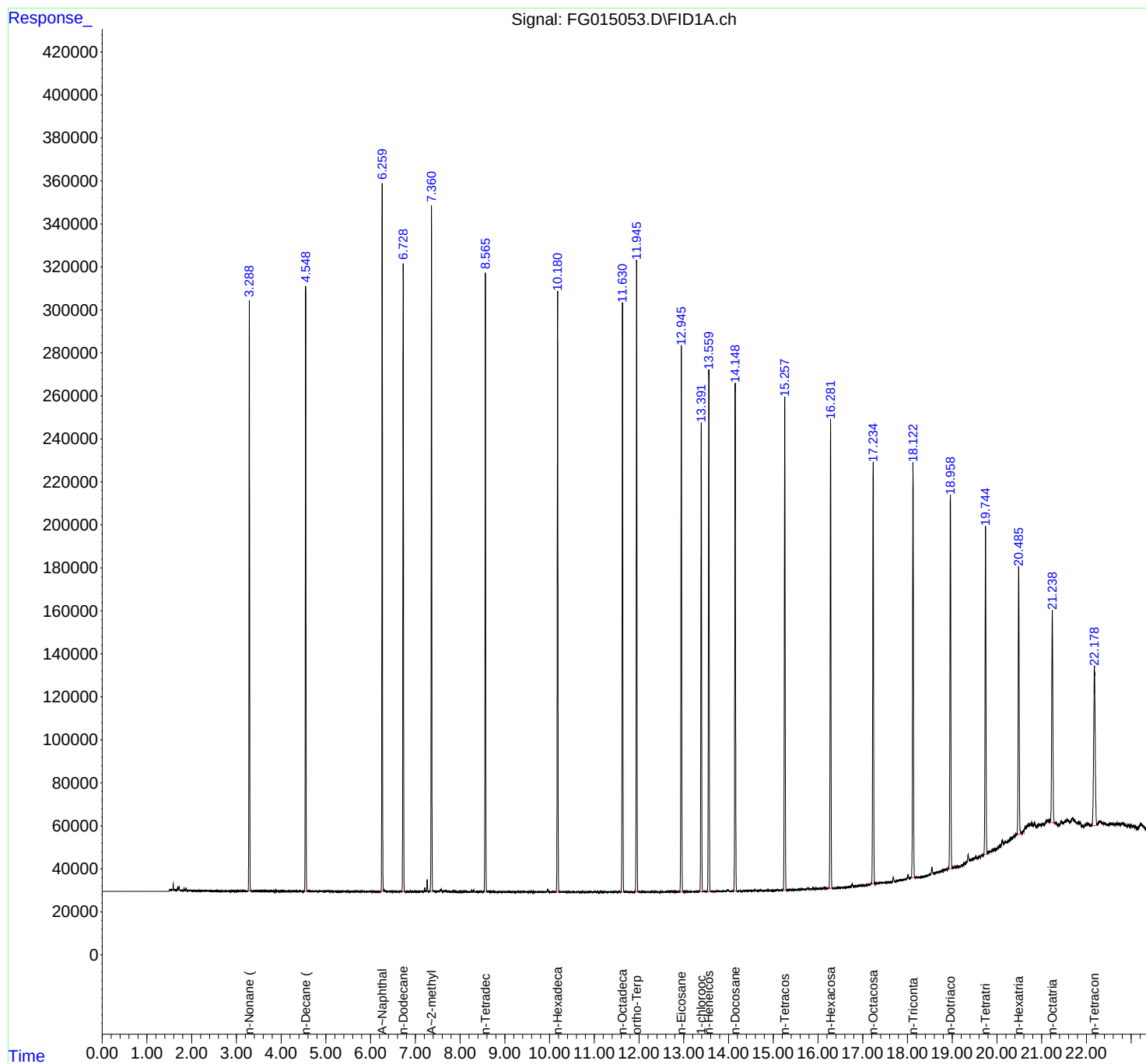
(m)=manual int.

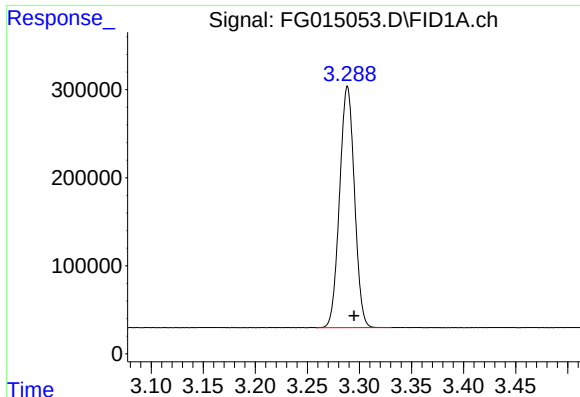
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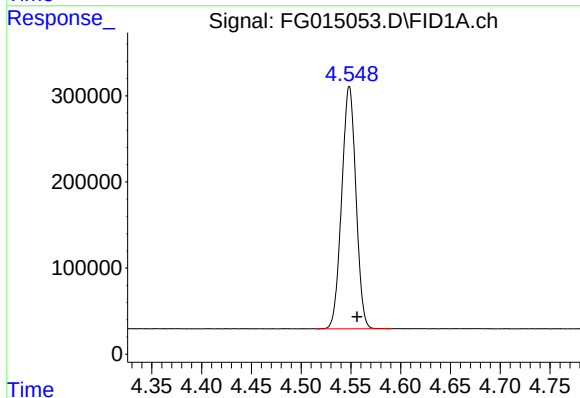




#1 n-Nonane (C9)

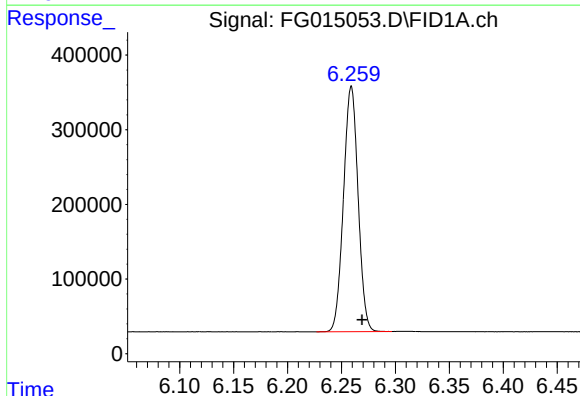
R.T.: 3.289 min
Delta R.T.: -0.006 min
Response: 2727792
Conc: 21.34 ug/ml

Instrument :
FID_G
ClientSampleId :



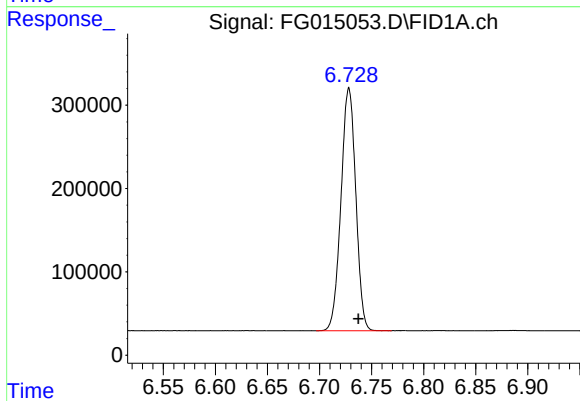
#2 n-Decane (C10)

R.T.: 4.548 min
Delta R.T.: -0.008 min
Response: 2803241
Conc: 21.51 ug/ml



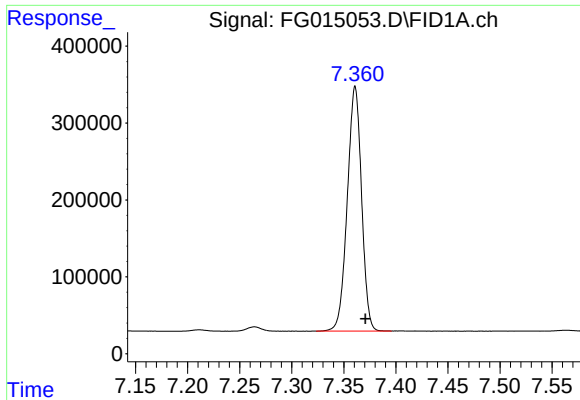
#3 A~Naphthalene (C11.7)

R.T.: 6.259 min
Delta R.T.: -0.010 min
Response: 3097900
Conc: 21.58 ug/ml



#4 n-Dodecane (C12)

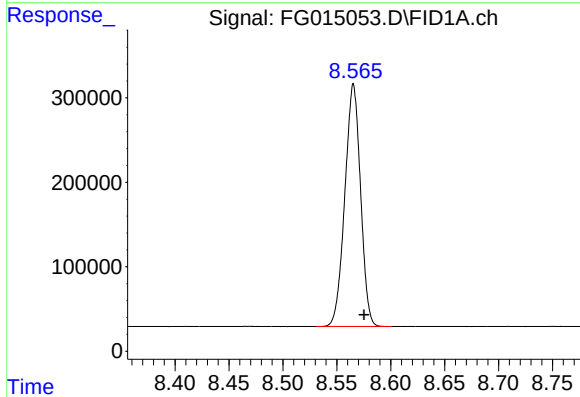
R.T.: 6.728 min
Delta R.T.: -0.009 min
Response: 2883122
Conc: 21.82 ug/ml



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

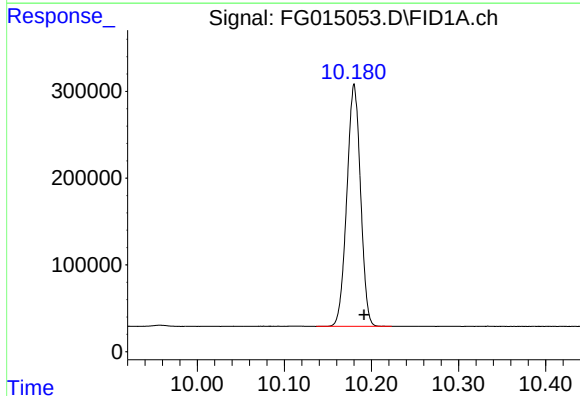
R.T.: 7.361 min
Delta R.T.: -0.010 min
Response: 3034010
Conc: 21.65 ug/ml

Instrument :
FID_G
ClientSampleId :



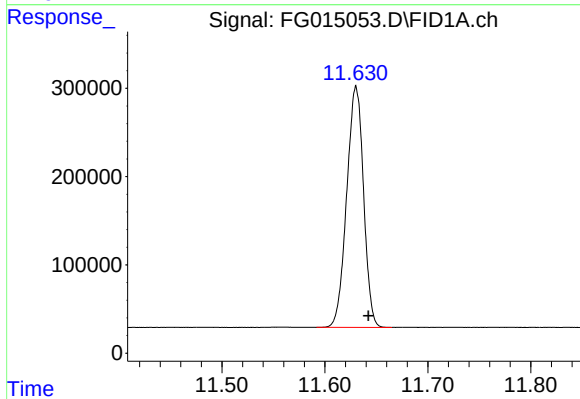
#6 n-Tetradecane (C14)

R.T.: 8.565 min
Delta R.T.: -0.010 min
Response: 2911978
Conc: 21.83 ug/ml



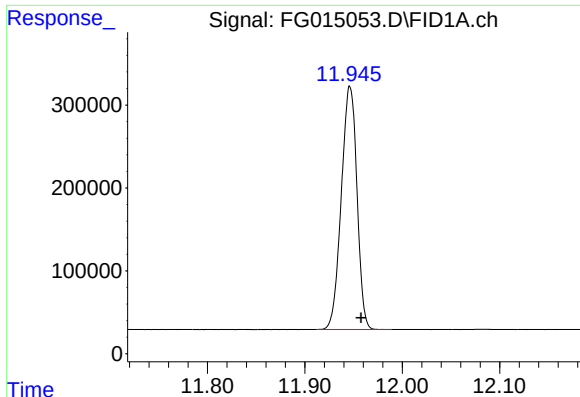
#7 n-Hexadecane (C16)

R.T.: 10.180 min
Delta R.T.: -0.011 min
Response: 3050078
Conc: 21.61 ug/ml



#8 n-Octadecane (C18)

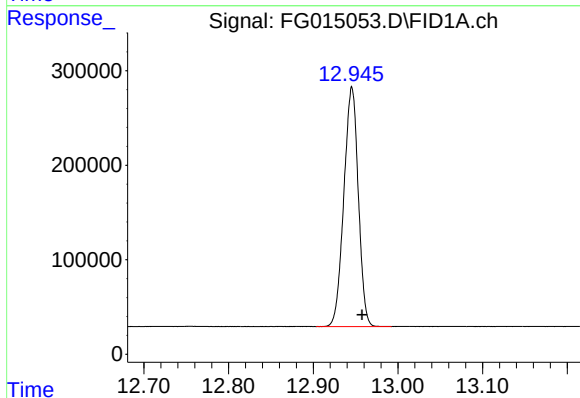
R.T.: 11.630 min
Delta R.T.: -0.012 min
Response: 3105393
Conc: 21.20 ug/ml



#9 ortho-Terphenyl (SURR)

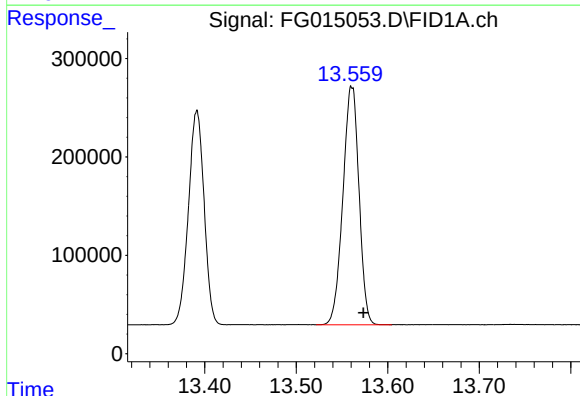
R.T.: 11.946 min
Delta R.T.: -0.012 min
Response: 3278732
Conc: 20.78 ug/ml

Instrument :
FID_G
ClientSampleId :



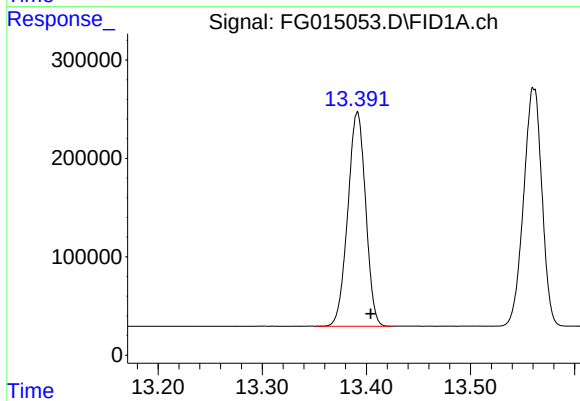
#10 n-Eicosane (C20)

R.T.: 12.946 min
Delta R.T.: -0.012 min
Response: 3007572
Conc: 20.73 ug/ml



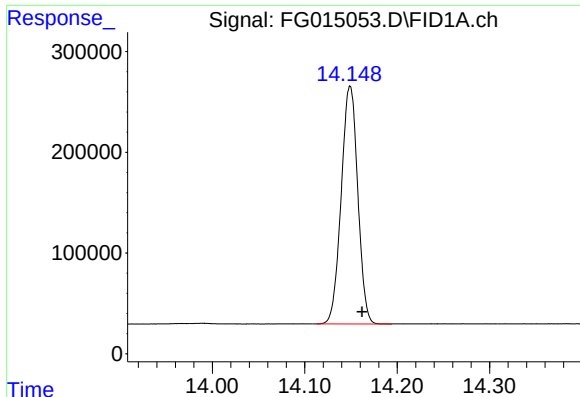
#11 n-Heneicosane (C21)

R.T.: 13.561 min
Delta R.T.: -0.013 min
Response: 2960985
Conc: 20.43 ug/ml



#12 1-chlorooctadecane (SURR)

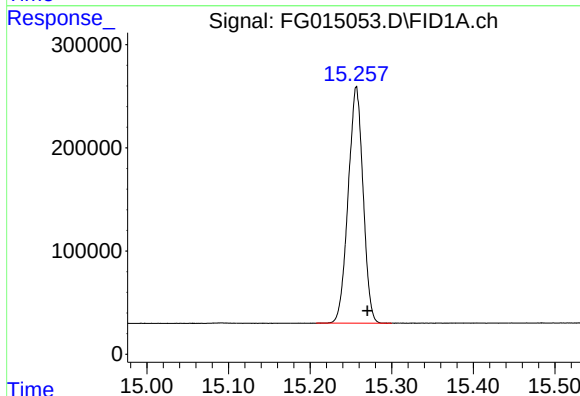
R.T.: 13.391 min
Delta R.T.: -0.013 min
Response: 2592540
Conc: 20.52 ug/ml



#13 n-Docosane (C22)

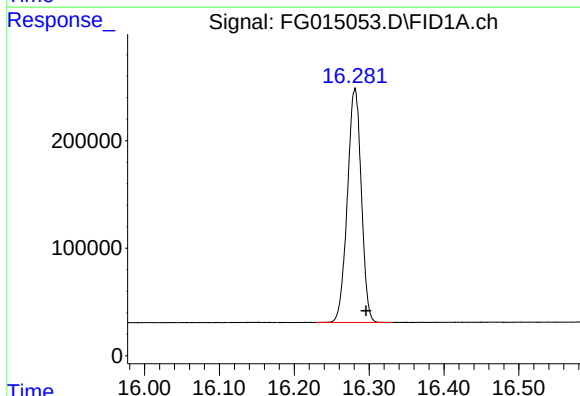
R.T.: 14.149 min
Delta R.T.: -0.013 min
Response: 2940035
Conc: 20.12 ug/ml

Instrument :
FID_G
ClientSampleId :



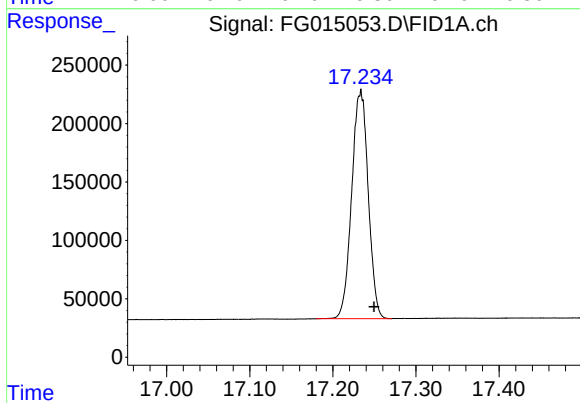
#14 n-Tetracosane (C24)

R.T.: 15.257 min
Delta R.T.: -0.013 min
Response: 2902884
Conc: 19.44 ug/ml



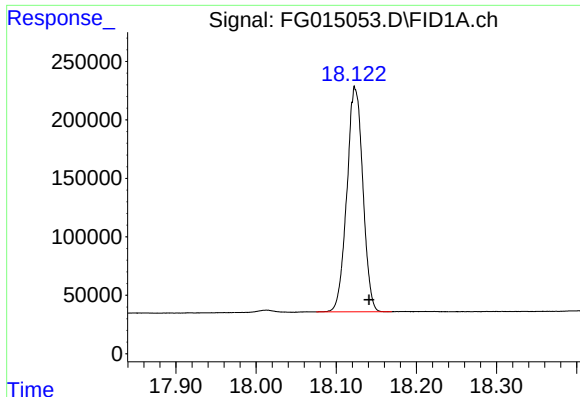
#15 n-Hexacosane (C26)

R.T.: 16.281 min
Delta R.T.: -0.015 min
Response: 2809984
Conc: 18.73 ug/ml



#16 n-Octacosane (C28)

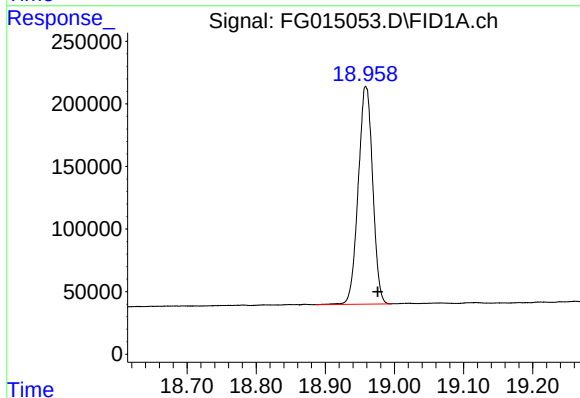
R.T.: 17.233 min
Delta R.T.: -0.016 min
Response: 2694917
Conc: 18.00 ug/ml



#17 n-Tricontane (C30)

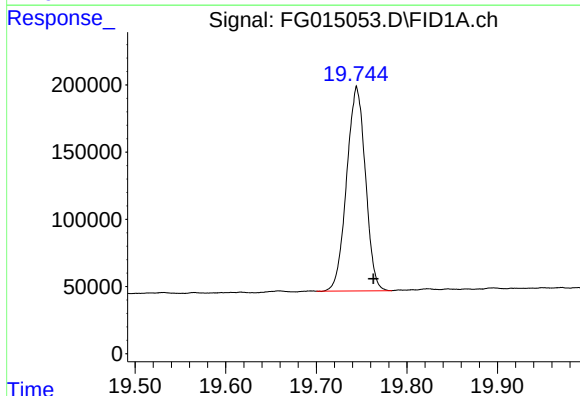
R.T.: 18.123 min
Delta R.T.: -0.017 min
Response: 2663158
Conc: 17.35 ug/ml

Instrument :
FID_G
ClientSampleId :



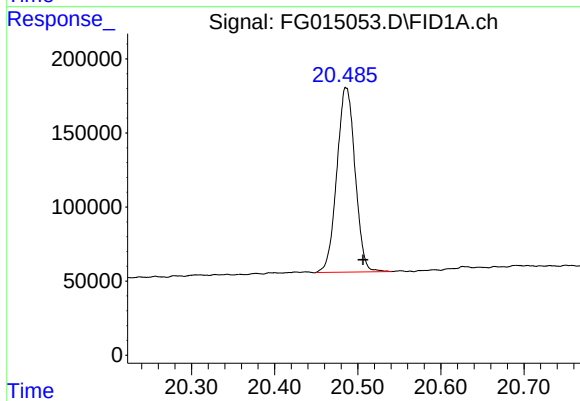
#18 n-Dotriacontane (C32)

R.T.: 18.959 min
Delta R.T.: -0.017 min
Response: 2521722
Conc: 17.09 ug/ml



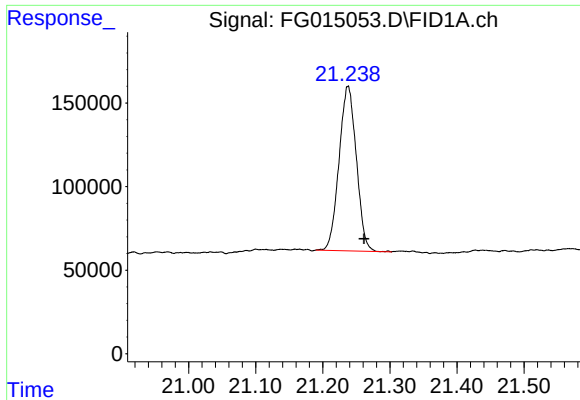
#19 n-Tetratriacontane (C34)

R.T.: 19.745 min
Delta R.T.: -0.018 min
Response: 2185128
Conc: 17.12 ug/ml



#20 n-Hexatriacontane (C36)

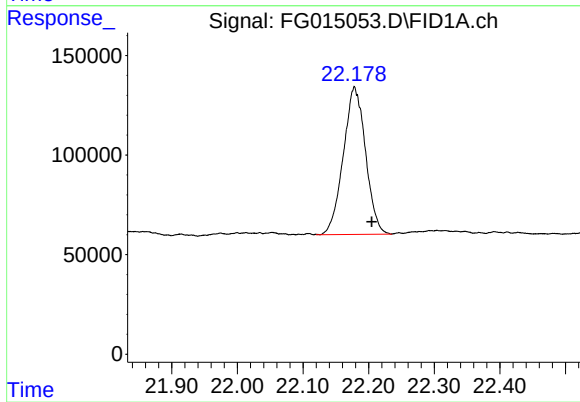
R.T.: 20.486 min
Delta R.T.: -0.020 min
Response: 1897174
Conc: 17.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.238 min
Delta R.T.: -0.024 min
Response: 1761830
Conc: 17.58 ug/ml

Instrument :
FID_G
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.178 min
Delta R.T.: -0.026 min
Response: 1741807
Conc: 18.54 ug/ml