

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102924AL\
 Data File : FG014560.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2024 16:26
 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: Oct 30 06:16:19 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)	11.964	3155889	20.591 ug/ml
Spiked Amount 50.000		Recovery =	41.18%
12) S 1-chlorooctadecane (S...	13.402	2430059	19.790 ug/ml
Spiked Amount 50.000		Recovery =	39.58%
Target Compounds			
1) T n-Nonane (C9)	3.336	2768607	21.394 ug/ml
2) T n-Decane (C10)	4.586	2829205	21.471 ug/ml
3) T A~Naphthalene (C11.7)	6.291	3073719	21.427 ug/ml
4) T n-Dodecane (C12)	6.756	2870331	21.607 ug/ml
5) T A~2-methylnaphthalene...	7.389	2990832	21.438 ug/ml
6) T n-Tetradecane (C14)	8.588	2851954	21.495 ug/ml
7) T n-Hexadecane (C16)	10.198	2938117	21.143 ug/ml
8) T n-Octadecane (C18)	11.645	2956268	20.650 ug/ml
10) T n-Eicosane (C20)	12.957	2830323	20.126 ug/ml
11) T n-Heneicosane (C21)	13.570	2779766	19.860 ug/ml
13) T n-Docosane (C22)	14.158	2753843	19.576 ug/ml
14) T n-Tetracosane (C24)	15.261	2718329	19.103 ug/ml
15) T n-Hexacosane (C26)	16.284	2633828	18.660 ug/ml
16) T n-Octacosane (C28)	17.234	2544706	18.412 ug/ml
17) T n-Tricontane (C30)	18.122	2533538	18.279 ug/ml
18) T n-Dotriacontane (C32)	18.955	2402795	18.353 ug/ml
19) T n-Tetratriacontane (C34)	19.738	2082196	18.603 ug/ml
20) T n-Hexatriacontane (C36)	20.478	1777833	19.101 ug/ml
21) T n-Octatriacontane (C38)	21.229	1685948	20.179 ug/ml
22) T n-Tetracontane (C40)	22.173	1647234	21.662 ug/ml

(f)=RT Delta > 1/2 Window

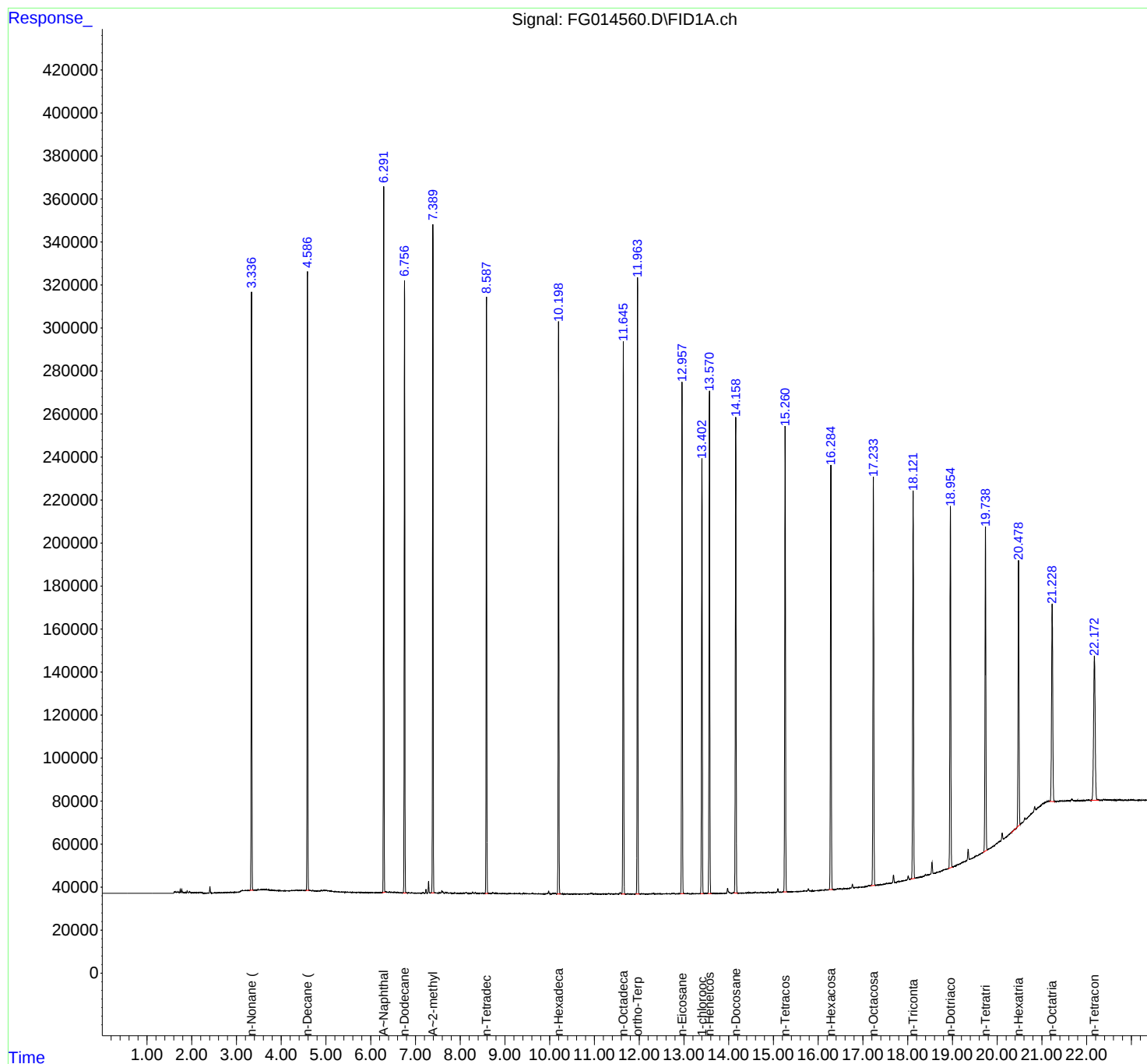
(m)=manual int.

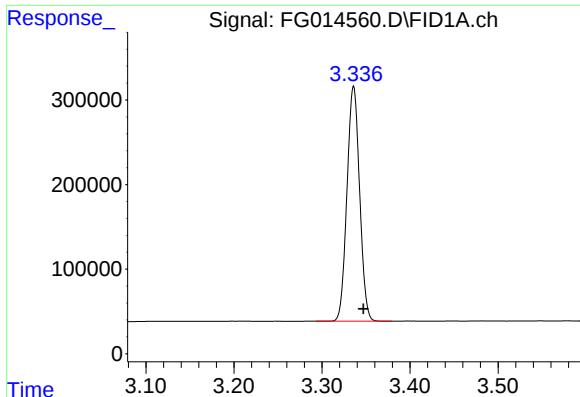
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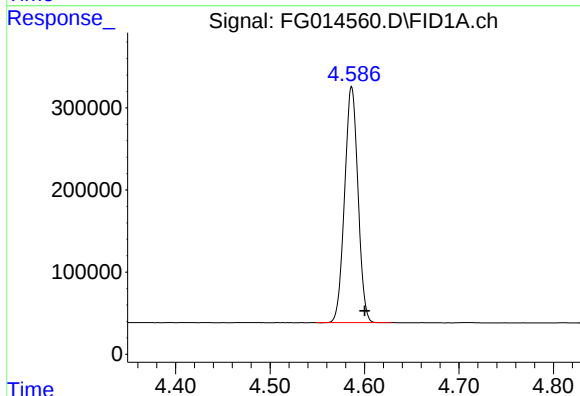




#1 n-Nonane (C9)

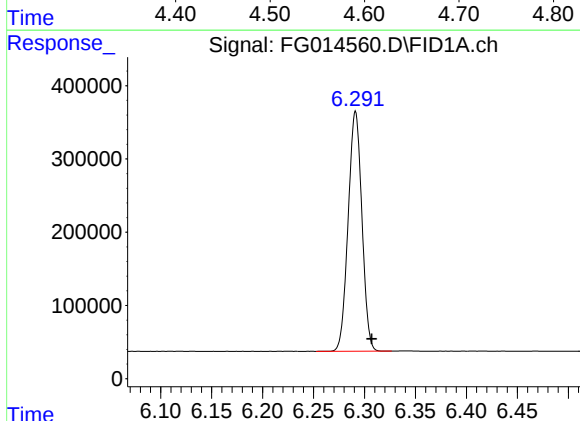
R.T.: 3.336 min
Delta R.T.: -0.011 min
Response: 2768607
Conc: 21.39 ug/ml

Instrument :
FID_G
ClientSampleId :



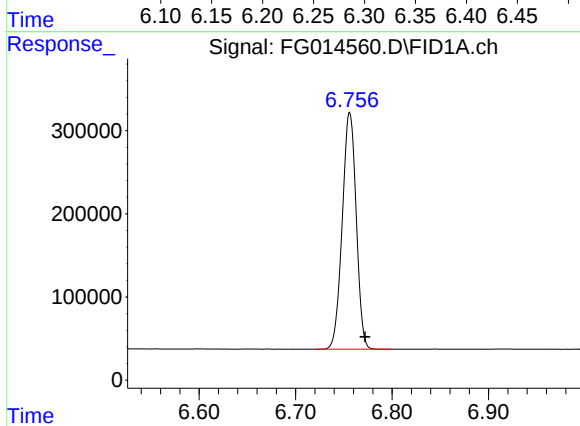
#2 n-Decane (C10)

R.T.: 4.586 min
Delta R.T.: -0.014 min
Response: 2829205
Conc: 21.47 ug/ml



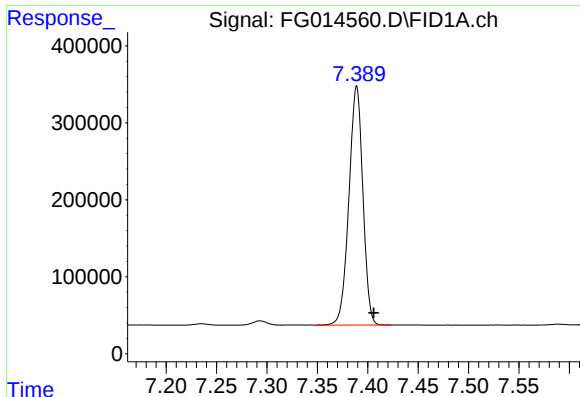
#3 A~Naphthalene (C11.7)

R.T.: 6.291 min
Delta R.T.: -0.016 min
Response: 3073719
Conc: 21.43 ug/ml



#4 n-Dodecane (C12)

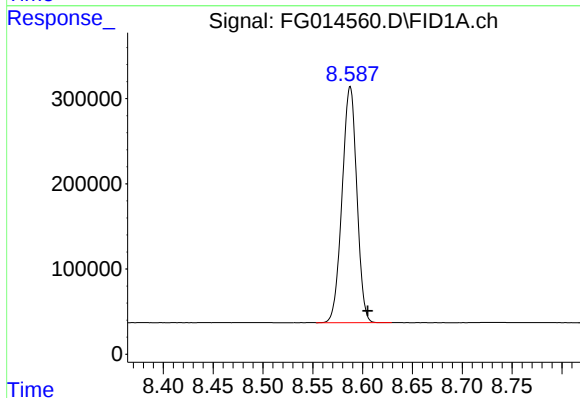
R.T.: 6.756 min
Delta R.T.: -0.016 min
Response: 2870331
Conc: 21.61 ug/ml



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

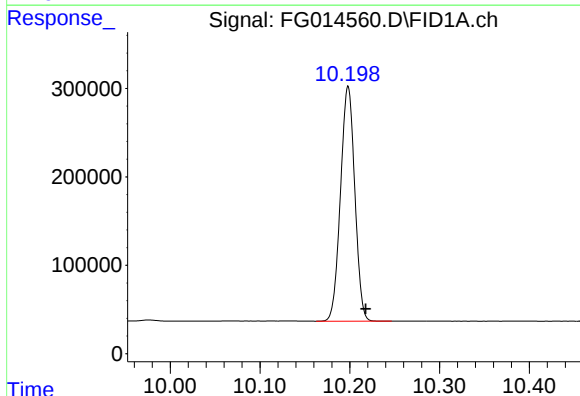
R.T.: 7.389 min
Delta R.T.: -0.017 min
Response: 2990832
Conc: 21.44 ug/ml

Instrument :
FID_G
ClientSampleId :



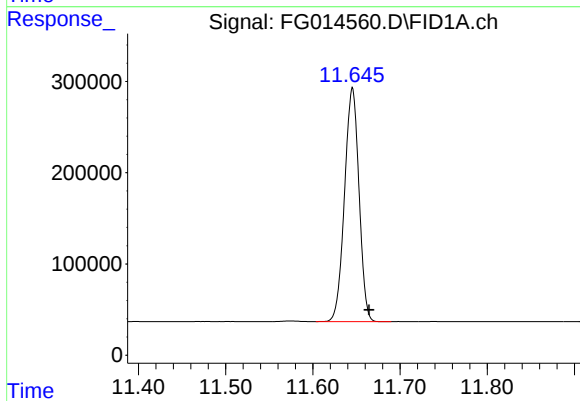
#6 n-Tetradecane (C14)

R.T.: 8.588 min
Delta R.T.: -0.018 min
Response: 2851954
Conc: 21.49 ug/ml



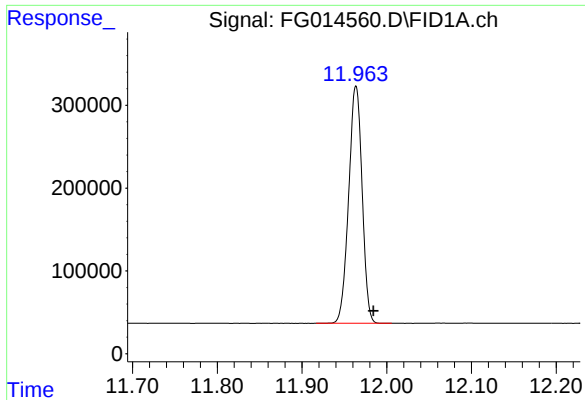
#7 n-Hexadecane (C16)

R.T.: 10.198 min
Delta R.T.: -0.019 min
Response: 2938117
Conc: 21.14 ug/ml



#8 n-Octadecane (C18)

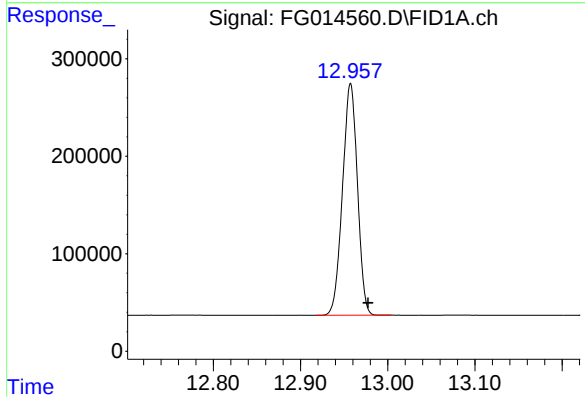
R.T.: 11.645 min
Delta R.T.: -0.019 min
Response: 2956268
Conc: 20.65 ug/ml



#9 ortho-Terphenyl (SURR)

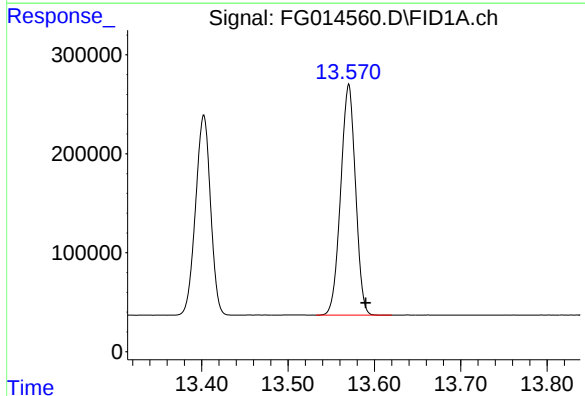
R.T.: 11.964 min
Delta R.T.: -0.020 min
Response: 3155889
Conc: 20.59 ug/ml

Instrument :
FID_G
ClientSampleId :



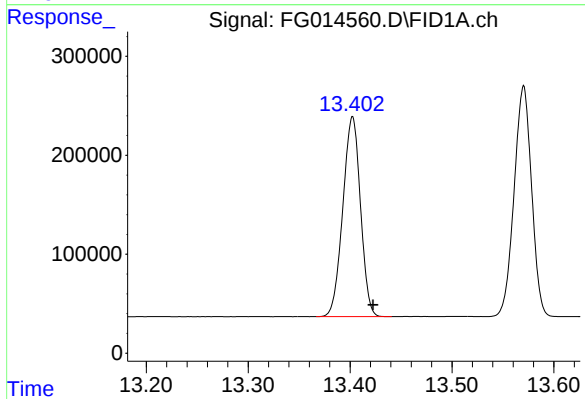
#10 n-Eicosane (C20)

R.T.: 12.957 min
Delta R.T.: -0.020 min
Response: 2830323
Conc: 20.13 ug/ml



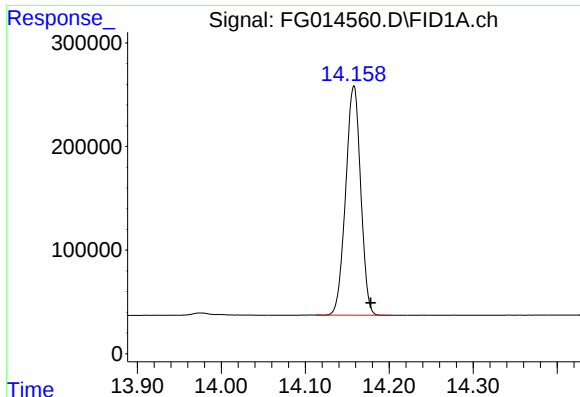
#11 n-Heneicosane (C21)

R.T.: 13.570 min
Delta R.T.: -0.020 min
Response: 2779766
Conc: 19.86 ug/ml



#12 1-chlorooctadecane (SURR)

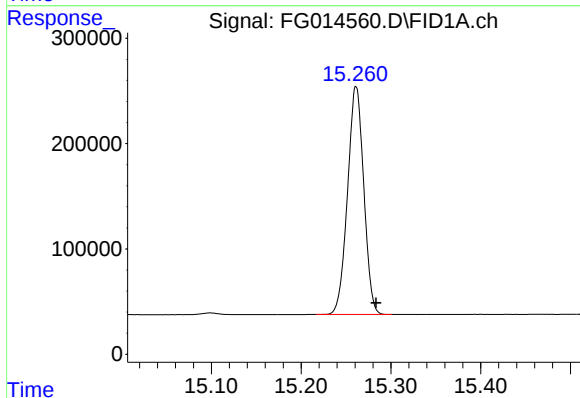
R.T.: 13.402 min
Delta R.T.: -0.020 min
Response: 2430059
Conc: 19.79 ug/ml



#13 n-Docosane (C22)

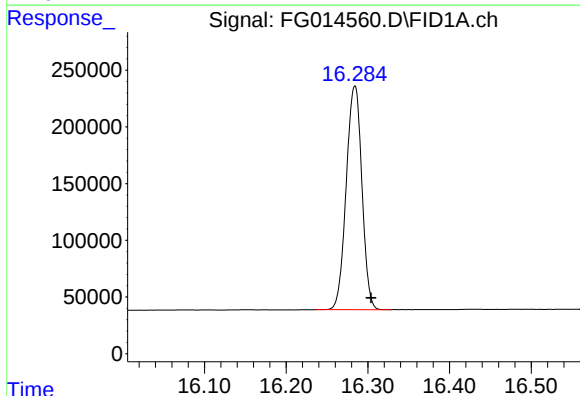
R.T.: 14.158 min
Delta R.T.: -0.020 min
Response: 2753843
Conc: 19.58 ug/ml

Instrument :
FID_G
ClientSampleId :



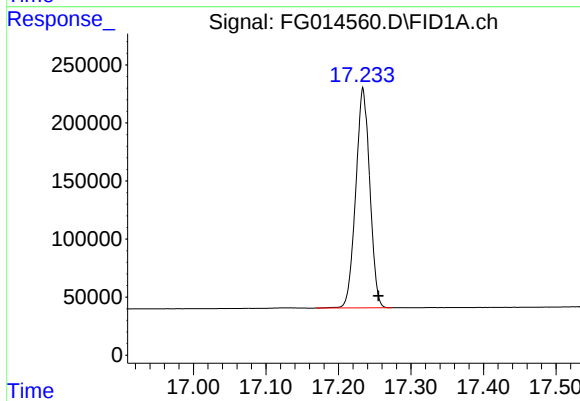
#14 n-Tetracosane (C24)

R.T.: 15.261 min
Delta R.T.: -0.022 min
Response: 2718329
Conc: 19.10 ug/ml



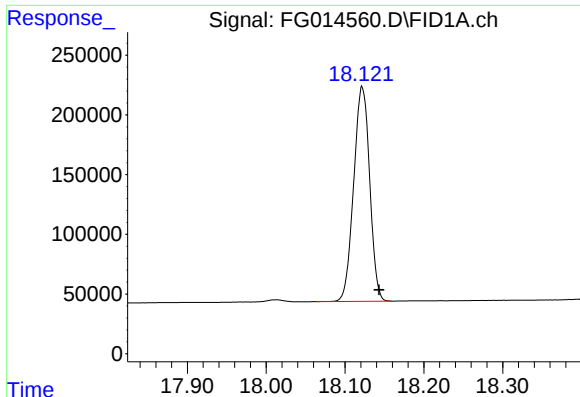
#15 n-Hexacosane (C26)

R.T.: 16.284 min
Delta R.T.: -0.020 min
Response: 2633828
Conc: 18.66 ug/ml



#16 n-Octacosane (C28)

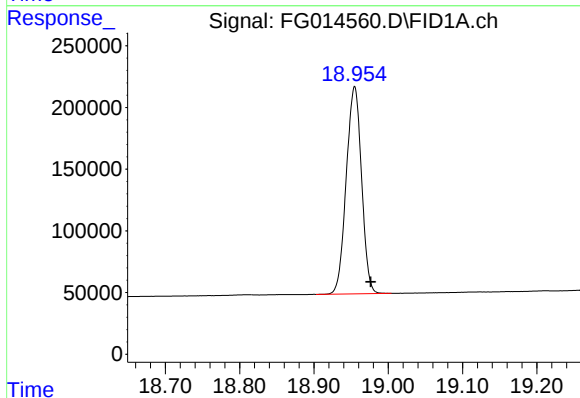
R.T.: 17.234 min
Delta R.T.: -0.021 min
Response: 2544706
Conc: 18.41 ug/ml



#17 n-Tricontane (C30)

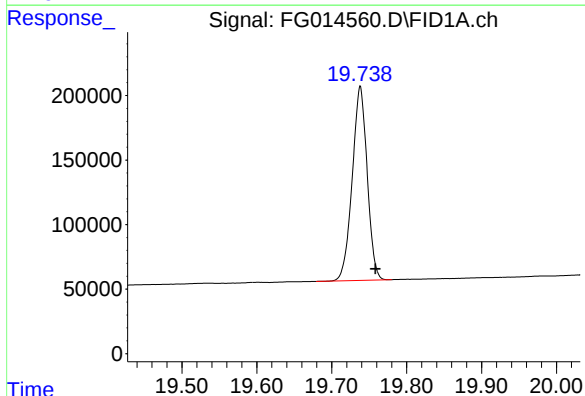
R.T.: 18.122 min
Delta R.T.: -0.022 min
Response: 2533538
Conc: 18.28 ug/ml

Instrument :
FID_G
ClientSampleId :



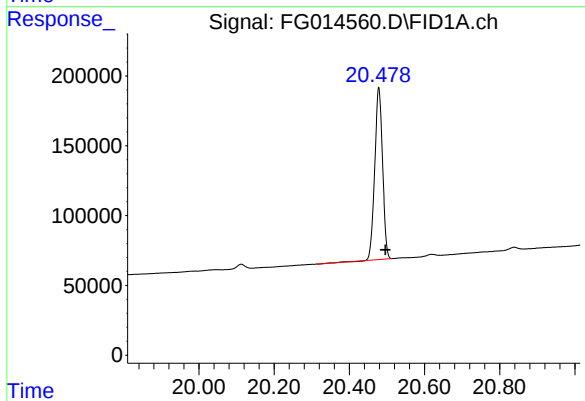
#18 n-Dotriacontane (C32)

R.T.: 18.955 min
Delta R.T.: -0.022 min
Response: 2402795
Conc: 18.35 ug/ml



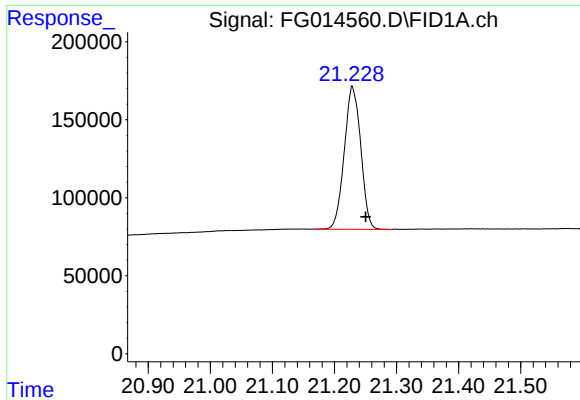
#19 n-Tetratriacontane (C34)

R.T.: 19.738 min
Delta R.T.: -0.020 min
Response: 2082196
Conc: 18.60 ug/ml



#20 n-Hexatriacontane (C36)

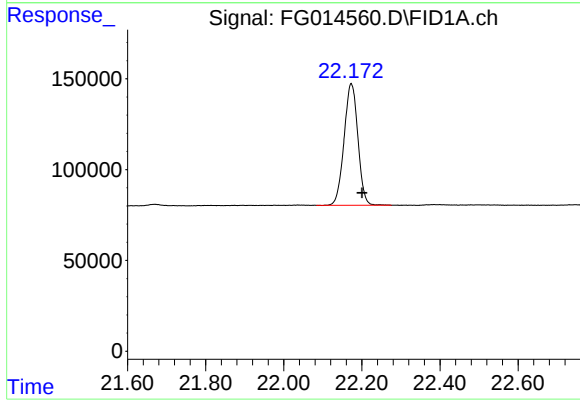
R.T.: 20.478 min
Delta R.T.: -0.017 min
Response: 1777833
Conc: 19.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.229 min
Delta R.T.: -0.022 min
Response: 1685948
Conc: 20.18 ug/ml

Instrument :
FID_G
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.173 min
Delta R.T.: -0.028 min
Response: 1647234
Conc: 21.66 ug/ml