

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072023AL\
 Data File : FC064183.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jul 2023 13:55
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Jul 21 03:15:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 2023
 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)	11.516	4020441	20.707 ug/ml
Spiked Amount 50.000		Recovery =	41.41%
12) S 1-chlorooctadecane (S...	12.951	2885884	20.742 ug/ml
Spiked Amount 50.000		Recovery =	41.48%
Target Compounds			
1) T n-Nonane (C9)	3.305	3583400	20.092 ug/ml
2) T n-Decane (C10)	4.366	3646661	20.152 ug/ml
3) T A~Naphthalene (C11.7)	5.946	3733479	20.015 ug/ml
4) T n-Dodecane (C12)	6.378	3625649	20.126 ug/ml
5) T A~2-methylnaphthalene...	7.000	3522202	20.014 ug/ml
6) T n-Tetradecane (C14)	8.169	3523041	20.366 ug/ml
7) T n-Hexadecane (C16)	9.766	3573083	20.569 ug/ml
8) T n-Octadecane (C18)	11.203	3589085	20.825 ug/ml
10) T n-Eicosane (C20)	12.508	3394423	20.793 ug/ml
11) T n-Heneicosane (C21)	13.118	3307122	20.641 ug/ml
13) T n-Docosane (C22)	13.702	3285690	20.910 ug/ml
14) T n-Tetracosane (C24)	14.802	3233822	20.516 ug/ml
15) T n-Hexacosane (C26)	15.818	3194478	21.143 ug/ml
16) T n-Octacosane (C28)	16.766	3191728	21.182 ug/ml
17) T n-Tricontane (C30)	17.648	3380059	21.649 ug/ml
18) T n-Dotriacontane (C32)	18.478	3417063	21.630 ug/ml
19) T n-Tetratriacontane (C34)	19.260	3293940	21.406 ug/ml
20) T n-Hexatriacontane (C36)	19.997	3137146	21.249 ug/ml
21) T n-Octatriacontane (C38)	20.717	3088087	20.847 ug/ml
22) T n-Tetracontane (C40)	21.605	3009066	20.644 ug/ml

(f)=RT Delta > 1/2 Window

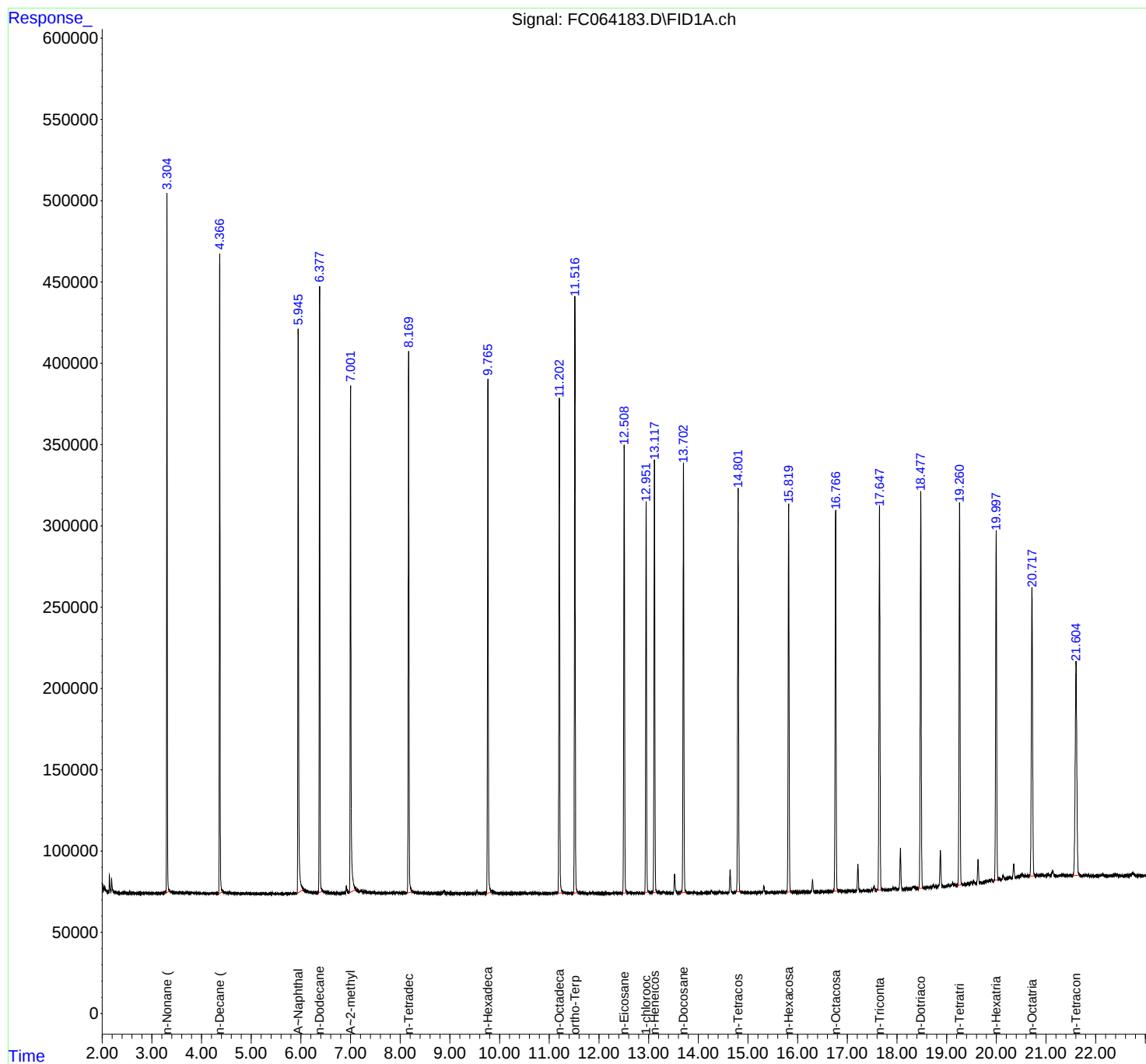
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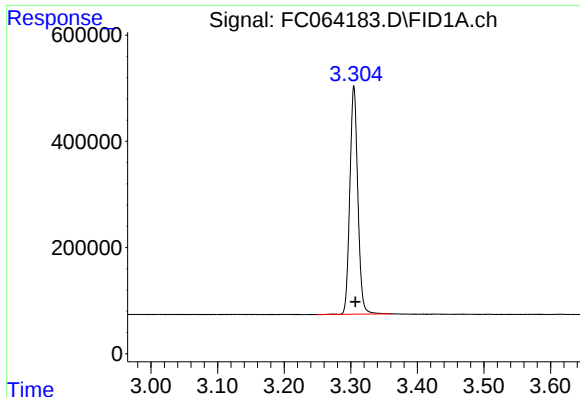
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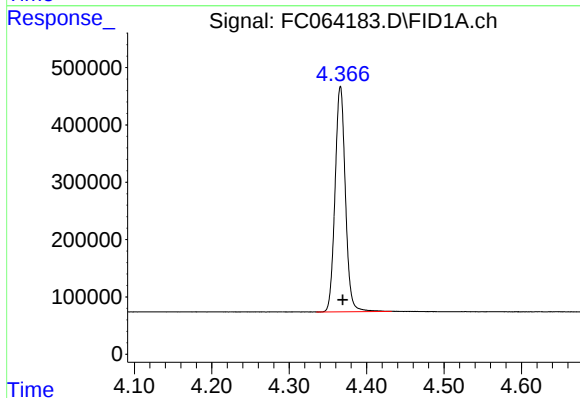




#1 n-Nonane (C9)

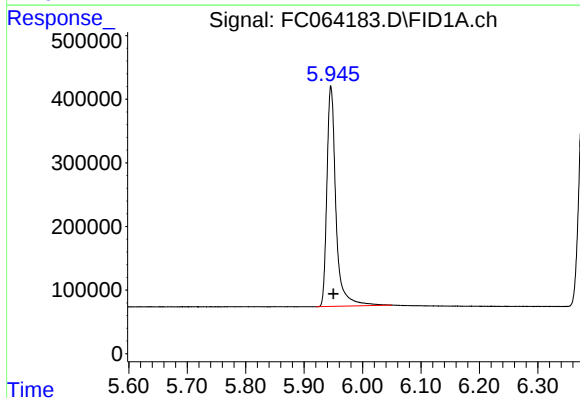
R.T.: 3.305 min
Delta R.T.: -0.002 min
Response: 3583400
Conc: 20.09 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



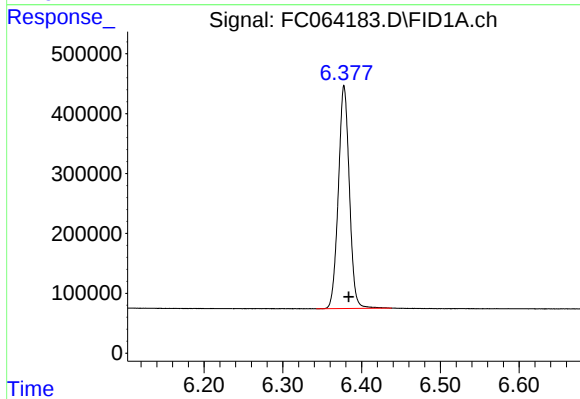
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: -0.003 min
Response: 3646661
Conc: 20.15 ug/ml



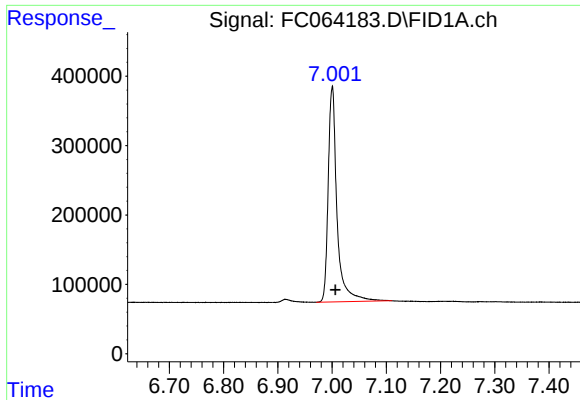
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: -0.005 min
Response: 3733479
Conc: 20.02 ug/ml



#4 n-Dodecane (C12)

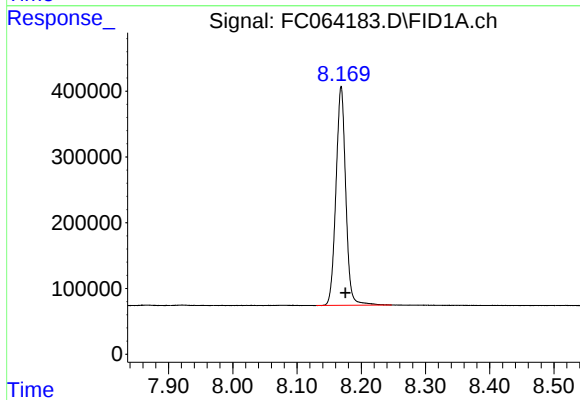
R.T.: 6.378 min
Delta R.T.: -0.006 min
Response: 3625649
Conc: 20.13 ug/ml



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

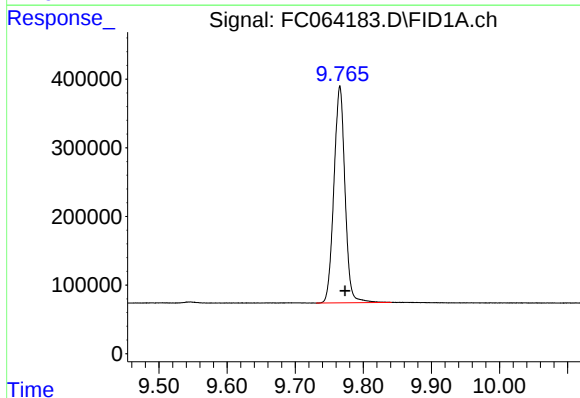
R.T.: 7.000 min
Delta R.T.: -0.005 min
Response: 3522202
Conc: 20.01 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



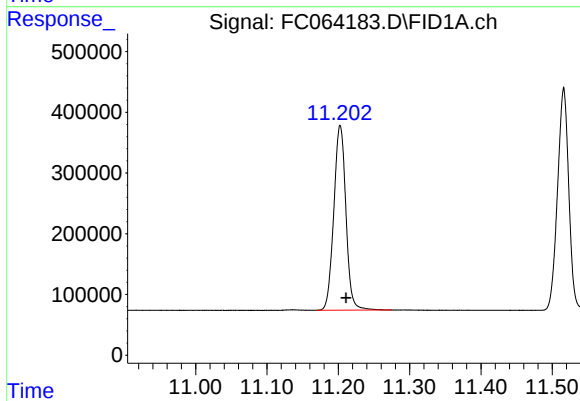
#6 n-Tetradecane (C14)

R.T.: 8.169 min
Delta R.T.: -0.007 min
Response: 3523041
Conc: 20.37 ug/ml



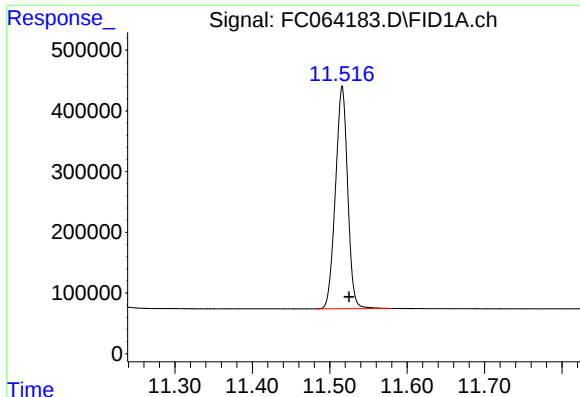
#7 n-Hexadecane (C16)

R.T.: 9.766 min
Delta R.T.: -0.008 min
Response: 3573083
Conc: 20.57 ug/ml



#8 n-Octadecane (C18)

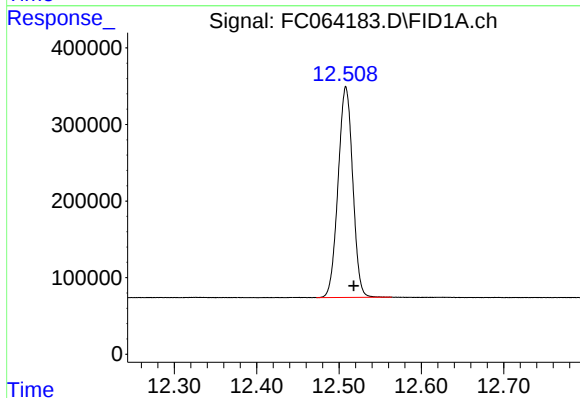
R.T.: 11.203 min
Delta R.T.: -0.008 min
Response: 3589085
Conc: 20.82 ug/ml



#9 ortho-Terphenyl (SURR)

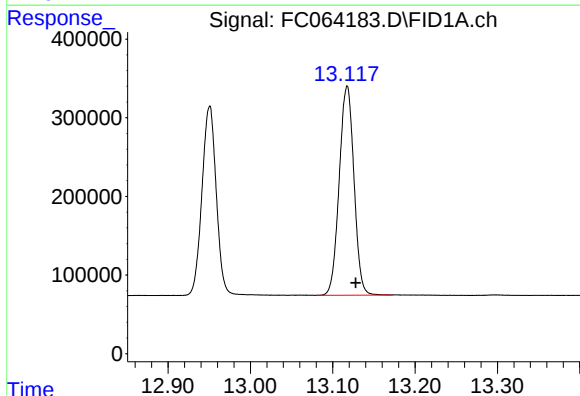
R.T.: 11.516 min
Delta R.T.: -0.009 min
Response: 4020441
Conc: 20.71 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



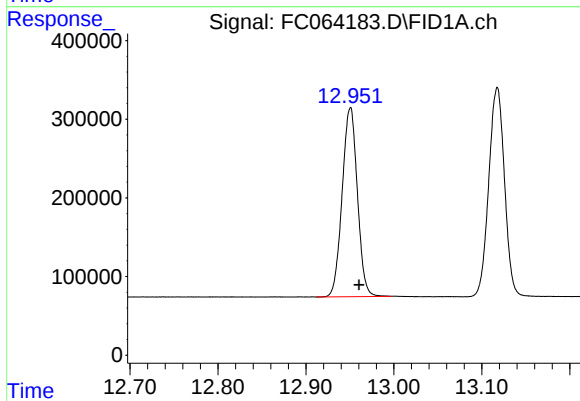
#10 n-Eicosane (C20)

R.T.: 12.508 min
Delta R.T.: -0.010 min
Response: 3394423
Conc: 20.79 ug/ml



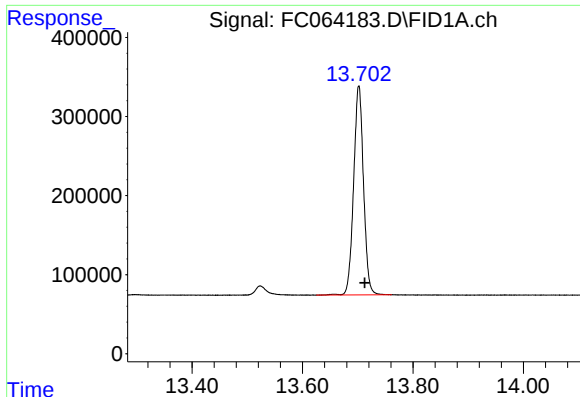
#11 n-Heneicosane (C21)

R.T.: 13.118 min
Delta R.T.: -0.010 min
Response: 3307122
Conc: 20.64 ug/ml



#12 1-chlorooctadecane (SURR)

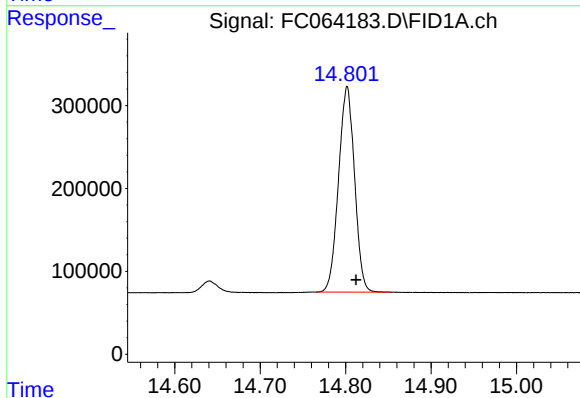
R.T.: 12.951 min
Delta R.T.: -0.010 min
Response: 2885884
Conc: 20.74 ug/ml



#13 n-Docosane (C22)

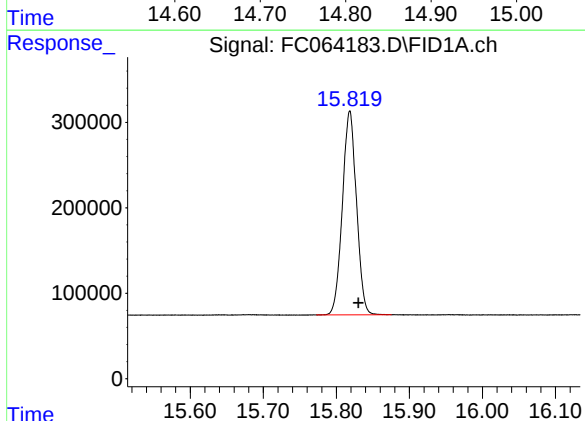
R.T.: 13.702 min
Delta R.T.: -0.011 min
Response: 3285690
Conc: 20.91 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



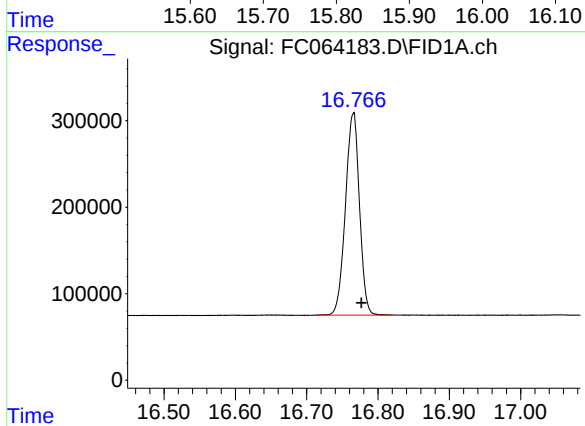
#14 n-Tetracosane (C24)

R.T.: 14.802 min
Delta R.T.: -0.010 min
Response: 3233822
Conc: 20.52 ug/ml



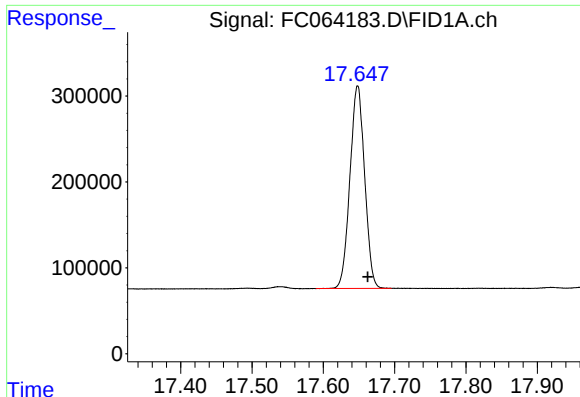
#15 n-Hexacosane (C26)

R.T.: 15.818 min
Delta R.T.: -0.012 min
Response: 3194478
Conc: 21.14 ug/ml



#16 n-Octacosane (C28)

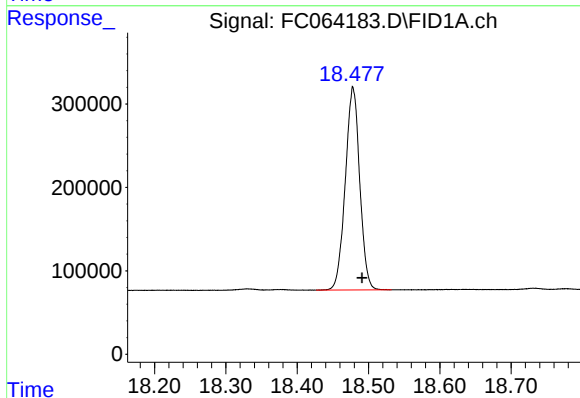
R.T.: 16.766 min
Delta R.T.: -0.011 min
Response: 3191728
Conc: 21.18 ug/ml



#17 n-Tricontane (C30)

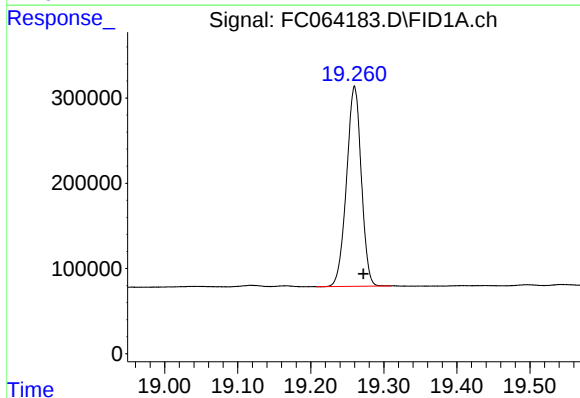
R.T.: 17.648 min
Delta R.T.: -0.014 min
Response: 3380059
Conc: 21.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



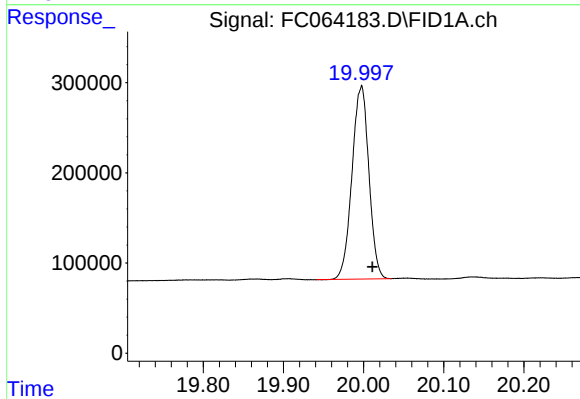
#18 n-Dotriacontane (C32)

R.T.: 18.478 min
Delta R.T.: -0.013 min
Response: 3417063
Conc: 21.63 ug/ml



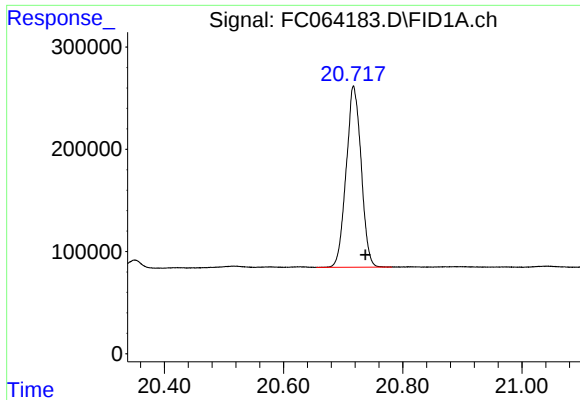
#19 n-Tetratriacontane (C34)

R.T.: 19.260 min
Delta R.T.: -0.012 min
Response: 3293940
Conc: 21.41 ug/ml



#20 n-Hexatriacontane (C36)

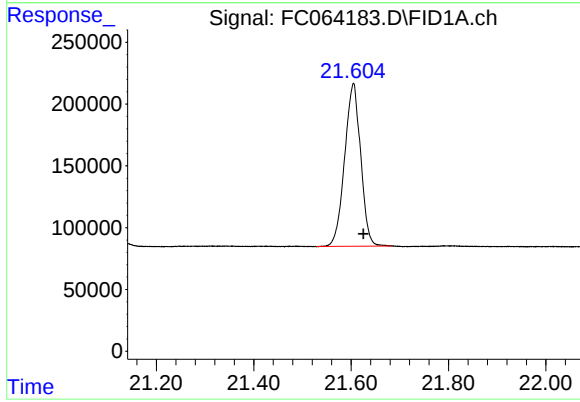
R.T.: 19.997 min
Delta R.T.: -0.013 min
Response: 3137146
Conc: 21.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.717 min
Delta R.T.: -0.020 min
Response: 3088087
Conc: 20.85 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.605 min
Delta R.T.: -0.020 min
Response: 3009066
Conc: 20.64 ug/ml