

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090623AL\
 Data File : FC064516.D
 Signal(s) : FID1A.ch
 Acq On : 06 Sep 2023 12:35
 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: autoint1.e
 Quant Time: Sep 06 13:23:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:31:35 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)	11.510	4035579	19.009 ug/ml
Spiked Amount 50.000		Recovery =	38.02%
12) S 1-chlorooctadecane (S...	12.944	2929078	19.211 ug/ml
Spiked Amount 50.000		Recovery =	38.42%
Target Compounds			
1) T n-Nonane (C9)	3.301	3495250	19.803 ug/ml
2) T n-Decane (C10)	4.362	3549573	20.235 ug/ml
3) T A~Naphthalene (C11.7)	5.941	3749901	20.166 ug/ml
4) T n-Dodecane (C12)	6.374	3582492	20.099 ug/ml
5) T A~2-methylnaphthalene...	6.996	3633124	20.424 ug/ml
6) T n-Tetradecane (C14)	8.164	3479517	19.945 ug/ml
7) T n-Hexadecane (C16)	9.759	3473244	20.098 ug/ml
8) T n-Octadecane (C18)	11.197	3439233	19.644 ug/ml
10) T n-Eicosane (C20)	12.502	3265403	19.304 ug/ml
11) T n-Heneicosane (C21)	13.111	3196573	19.152 ug/ml
13) T n-Docosane (C22)	13.696	3141715	19.261 ug/ml
14) T n-Tetracosane (C24)	14.795	3026840	19.007 ug/ml
15) T n-Hexacosane (C26)	15.812	2921084	18.907 ug/ml
16) T n-Octacosane (C28)	16.760	2829289	19.110 ug/ml
17) T n-Tricontane (C30)	17.643	2858304	19.568 ug/ml
18) T n-Dotriacontane (C32)	18.473	2843321	20.129 ug/ml
19) T n-Tetratriacontane (C34)	19.252	2756197	20.628 ug/ml
20) T n-Hexatriacontane (C36)	19.990	2709131	21.172 ug/ml
21) T n-Octatriacontane (C38)	20.710	2691832	21.921 ug/ml
22) T n-Tetracontane (C40)	21.591	2661466	22.918 ug/ml

(f)=RT Delta > 1/2 Window

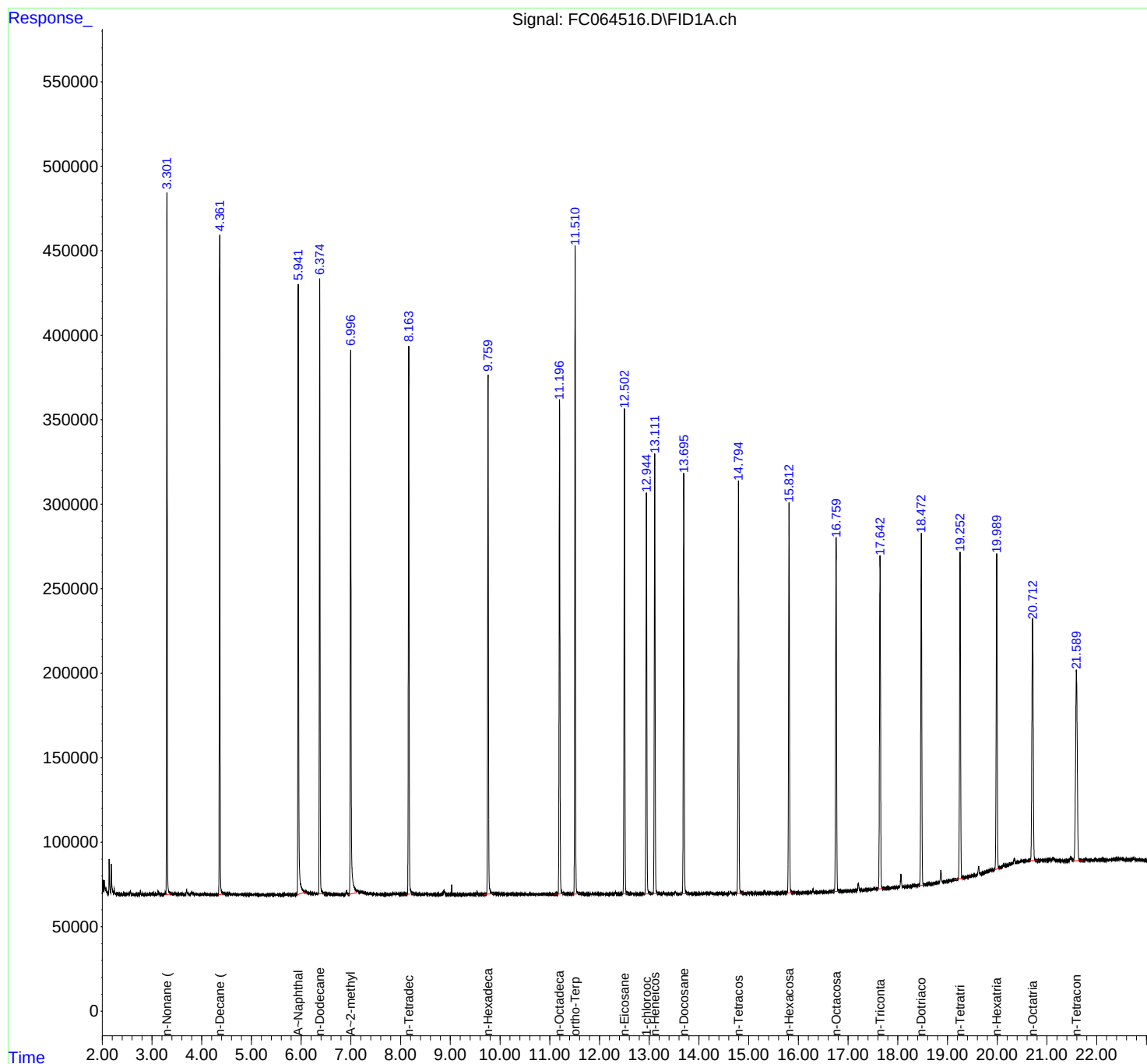
(m)=manual int.

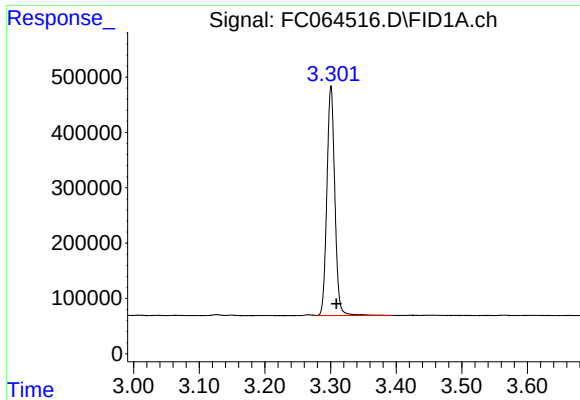
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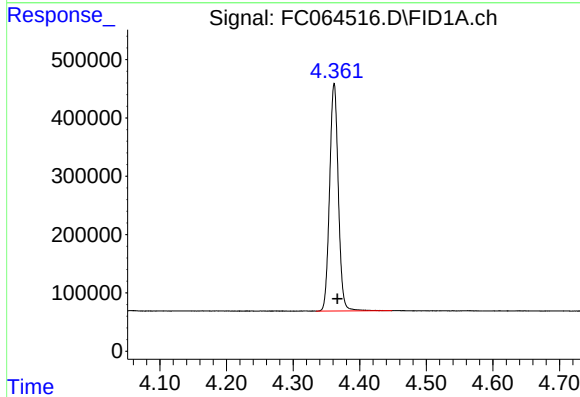




#1 n-Nonane (C9)

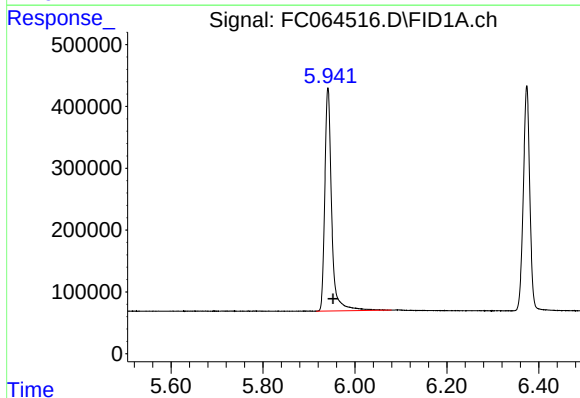
R.T.: 3.301 min
Delta R.T.: -0.008 min
Response: 3495250
Conc: 19.80 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



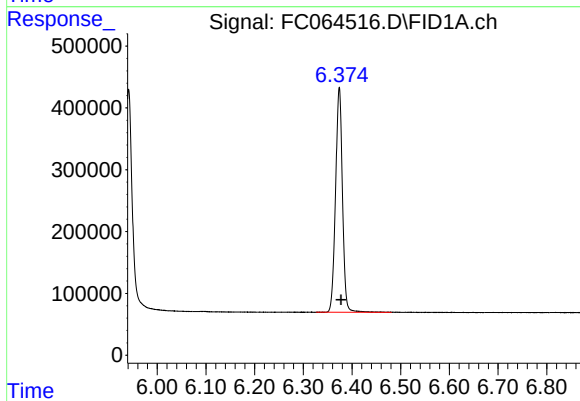
#2 n-Decane (C10)

R.T.: 4.362 min
Delta R.T.: -0.005 min
Response: 3549573
Conc: 20.23 ug/ml



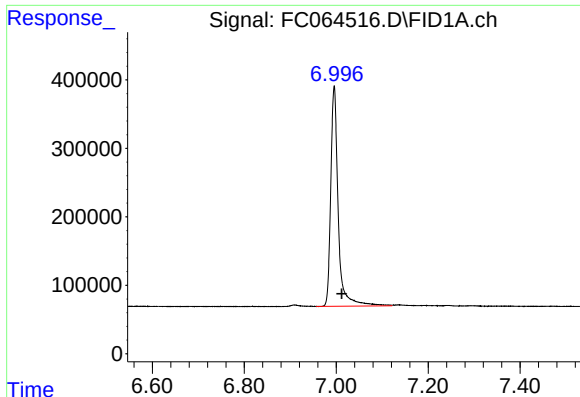
#3 A~Naphthalene (C11.7)

R.T.: 5.941 min
Delta R.T.: -0.011 min
Response: 3749901
Conc: 20.17 ug/ml



#4 n-Dodecane (C12)

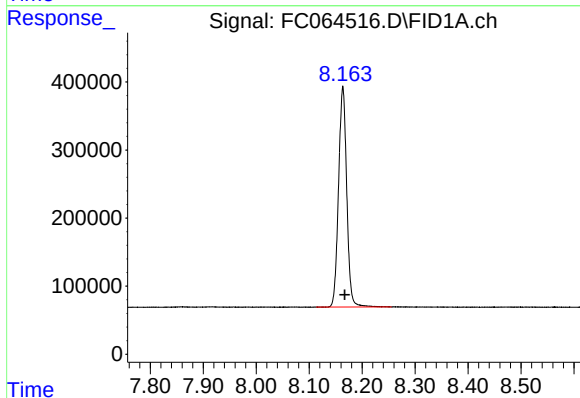
R.T.: 6.374 min
Delta R.T.: -0.003 min
Response: 3582492
Conc: 20.10 ug/ml



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

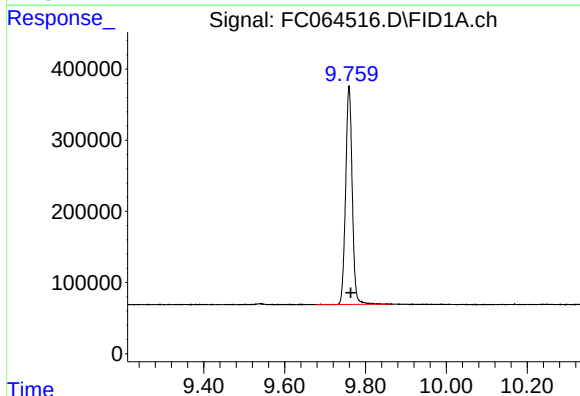
R.T.: 6.996 min
Delta R.T.: -0.016 min
Response: 3633124
Conc: 20.42 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



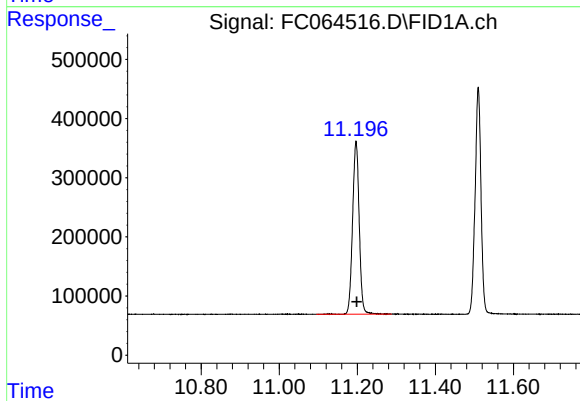
#6 n-Tetradecane (C14)

R.T.: 8.164 min
Delta R.T.: -0.004 min
Response: 3479517
Conc: 19.94 ug/ml



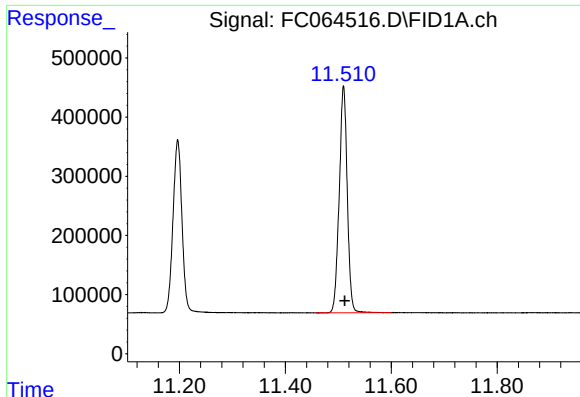
#7 n-Hexadecane (C16)

R.T.: 9.759 min
Delta R.T.: -0.004 min
Response: 3473244
Conc: 20.10 ug/ml



#8 n-Octadecane (C18)

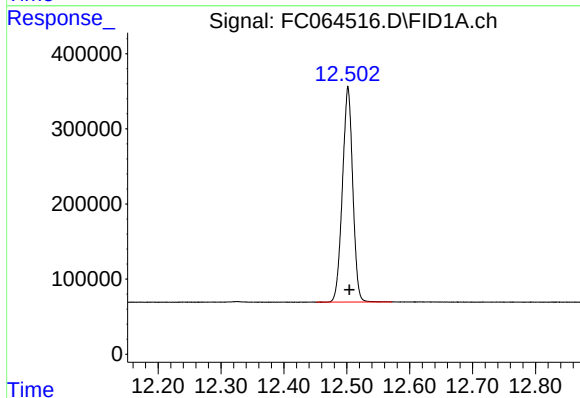
R.T.: 11.197 min
Delta R.T.: -0.002 min
Response: 3439233
Conc: 19.64 ug/ml



#9 ortho-Terphenyl (SURR)

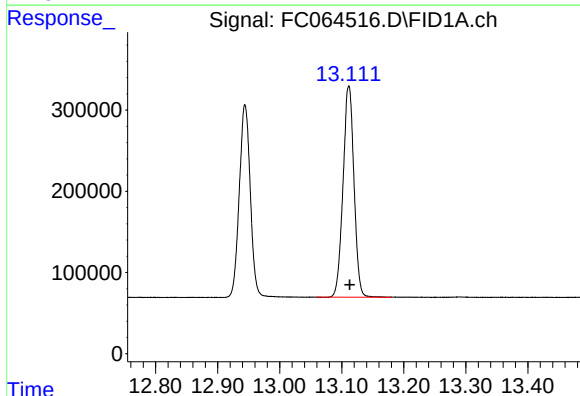
R.T.: 11.510 min
Delta R.T.: -0.002 min
Response: 4035579
Conc: 19.01 ug/ml

Instrument :
FID_C
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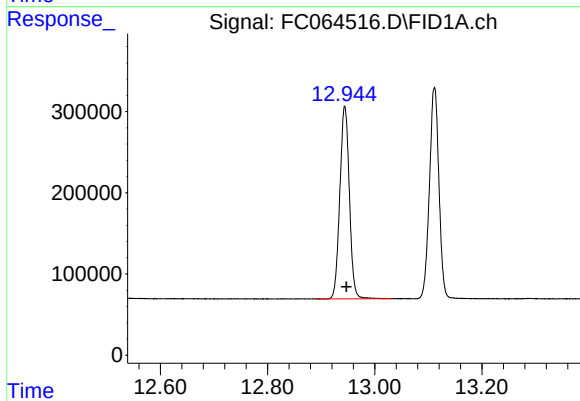
#10 n-Eicosane (C20)

R.T.: 12.502 min
Delta R.T.: -0.002 min
Response: 3265403
Conc: 19.30 ug/ml



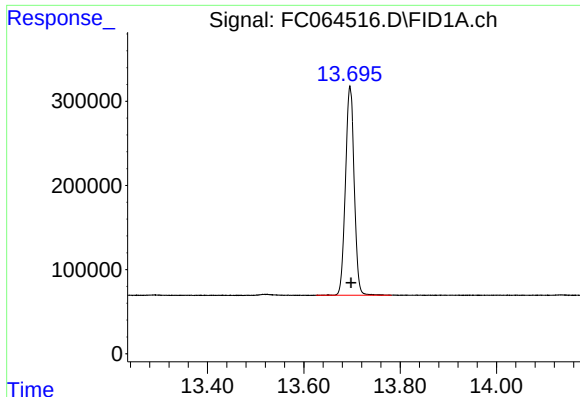
#11 n-Heneicosane (C21)

R.T.: 13.111 min
Delta R.T.: -0.002 min
Response: 3196573
Conc: 19.15 ug/ml



#12 1-chlorooctadecane (SURR)

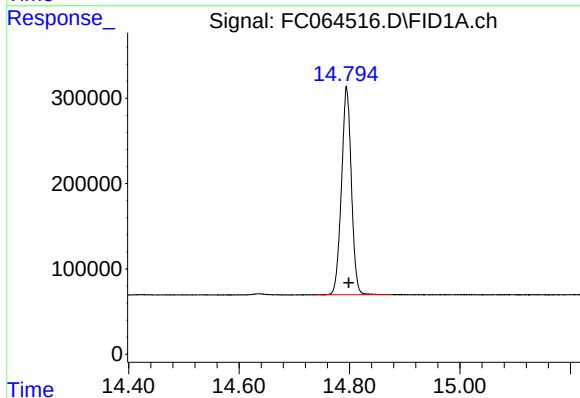
R.T.: 12.944 min
Delta R.T.: -0.003 min
Response: 2929078
Conc: 19.21 ug/ml



#13 n-Docosane (C22)

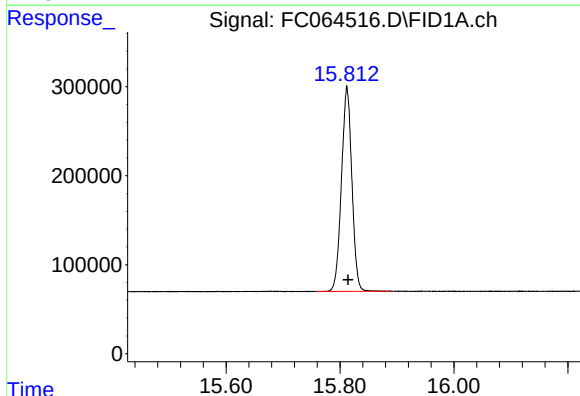
R.T.: 13.696 min
Delta R.T.: -0.002 min
Response: 3141715
Conc: 19.26 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



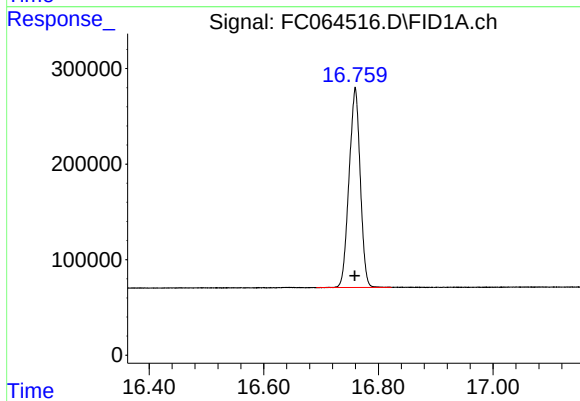
#14 n-Tetracosane (C24)

R.T.: 14.795 min
Delta R.T.: -0.004 min
Response: 3026840
Conc: 19.01 ug/ml



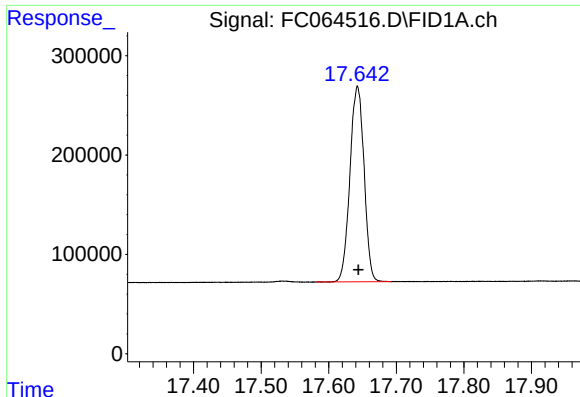
#15 n-Hexacosane (C26)

R.T.: 15.812 min
Delta R.T.: -0.002 min
Response: 2921084
Conc: 18.91 ug/ml



#16 n-Octacosane (C28)

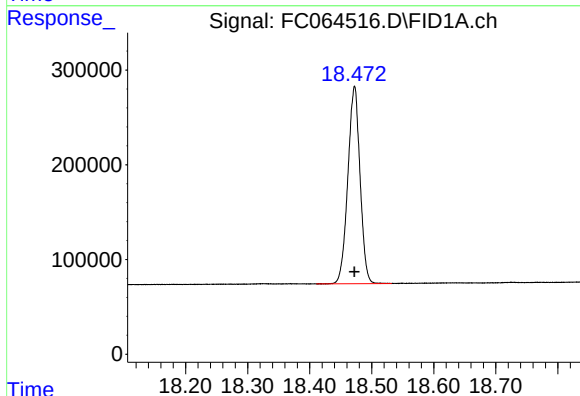
R.T.: 16.760 min
Delta R.T.: 0.000 min
Response: 2829289
Conc: 19.11 ug/ml



#17 n-Tricontane (C30)

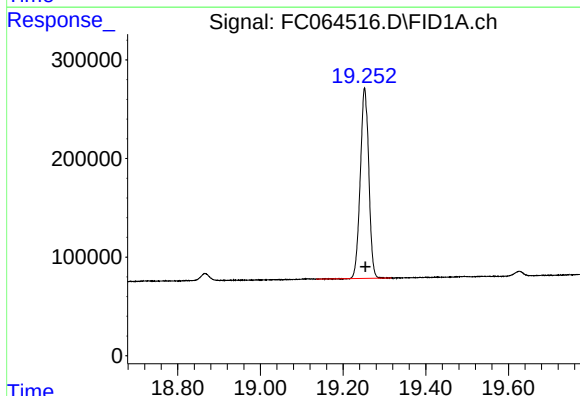
R.T.: 17.643 min
Delta R.T.: -0.001 min
Response: 2858304
Conc: 19.57 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



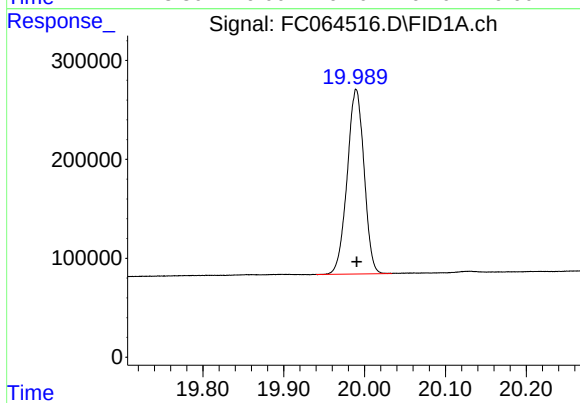
#18 n-Dotriacontane (C32)

R.T.: 18.473 min
Delta R.T.: 0.000 min
Response: 2843321
Conc: 20.13 ug/ml



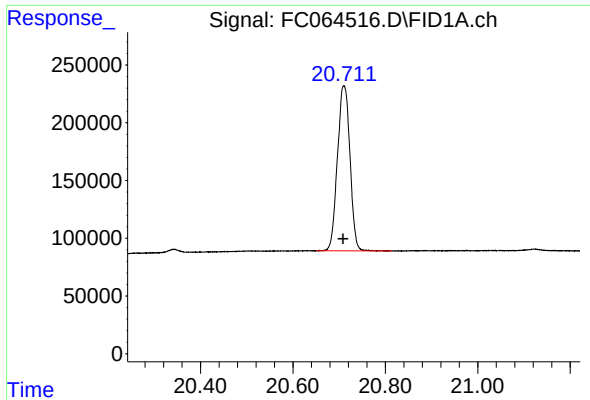
#19 n-Tetratriacontane (C34)

R.T.: 19.252 min
Delta R.T.: -0.002 min
Response: 2756197
Conc: 20.63 ug/ml



#20 n-Hexatriacontane (C36)

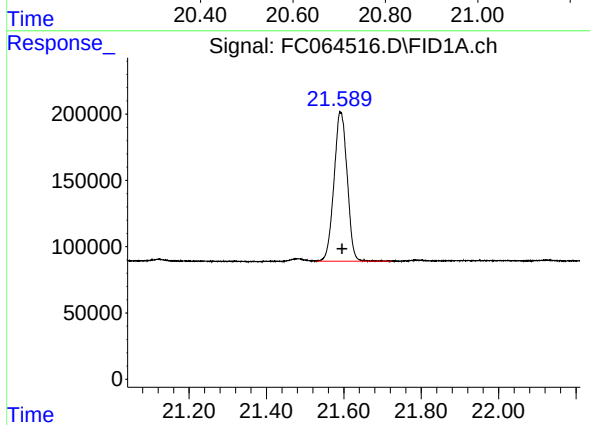
R.T.: 19.990 min
Delta R.T.: 0.000 min
Response: 2709131
Conc: 21.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.710 min
Delta R.T.: 0.002 min
Response: 2691832
Conc: 21.92 ug/ml

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FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.591 min
Delta R.T.: -0.005 min
Response: 2661466
Conc: 22.92 ug/ml