

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072223AL\
 Data File : FC064227.D
 Signal(s) : FID1A.ch
 Acq On : 22 Jul 2023 16:48
 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: Jul 24 05:12:11 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)	11.515	3885824	20.013 ug/ml
Spiked Amount 50.000		Recovery =	40.03%
12) S 1-chlorooctadecane (S...	12.951	2783718	20.008 ug/ml
Spiked Amount 50.000		Recovery =	40.02%
Target Compounds			
1) T n-Nonane (C9)	3.304	3424675	19.202 ug/ml
2) T n-Decane (C10)	4.364	3504545	19.367 ug/ml
3) T A~Naphthalene (C11.7)	5.944	3563827	19.106 ug/ml
4) T n-Dodecane (C12)	6.377	3505596	19.460 ug/ml
5) T A~2-methylnaphthalene...	6.998	3402871	19.336 ug/ml
6) T n-Tetradecane (C14)	8.167	3421011	19.776 ug/ml
7) T n-Hexadecane (C16)	9.764	3477966	20.022 ug/ml
8) T n-Octadecane (C18)	11.202	3492555	20.265 ug/ml
10) T n-Eicosane (C20)	12.506	3283163	20.112 ug/ml
11) T n-Heneicosane (C21)	13.118	3198108	19.960 ug/ml
13) T n-Docosane (C22)	13.701	3168965	20.167 ug/ml
14) T n-Tetracosane (C24)	14.800	3125879	19.831 ug/ml
15) T n-Hexacosane (C26)	15.818	3083328	20.408 ug/ml
16) T n-Octacosane (C28)	16.765	3100256	20.575 ug/ml
17) T n-Tricontane (C30)	17.649	3333193	21.349 ug/ml
18) T n-Dotriacontane (C32)	18.480	3395183	21.492 ug/ml
19) T n-Tetratriacontane (C34)	19.259	3249224	21.115 ug/ml
20) T n-Hexatriacontane (C36)	19.997	3078593	20.852 ug/ml
21) T n-Octatriacontane (C38)	20.718	3001798	20.265 ug/ml
22) T n-Tetracontane (C40)	21.605	2916695	20.011 ug/ml

(f)=RT Delta > 1/2 Window

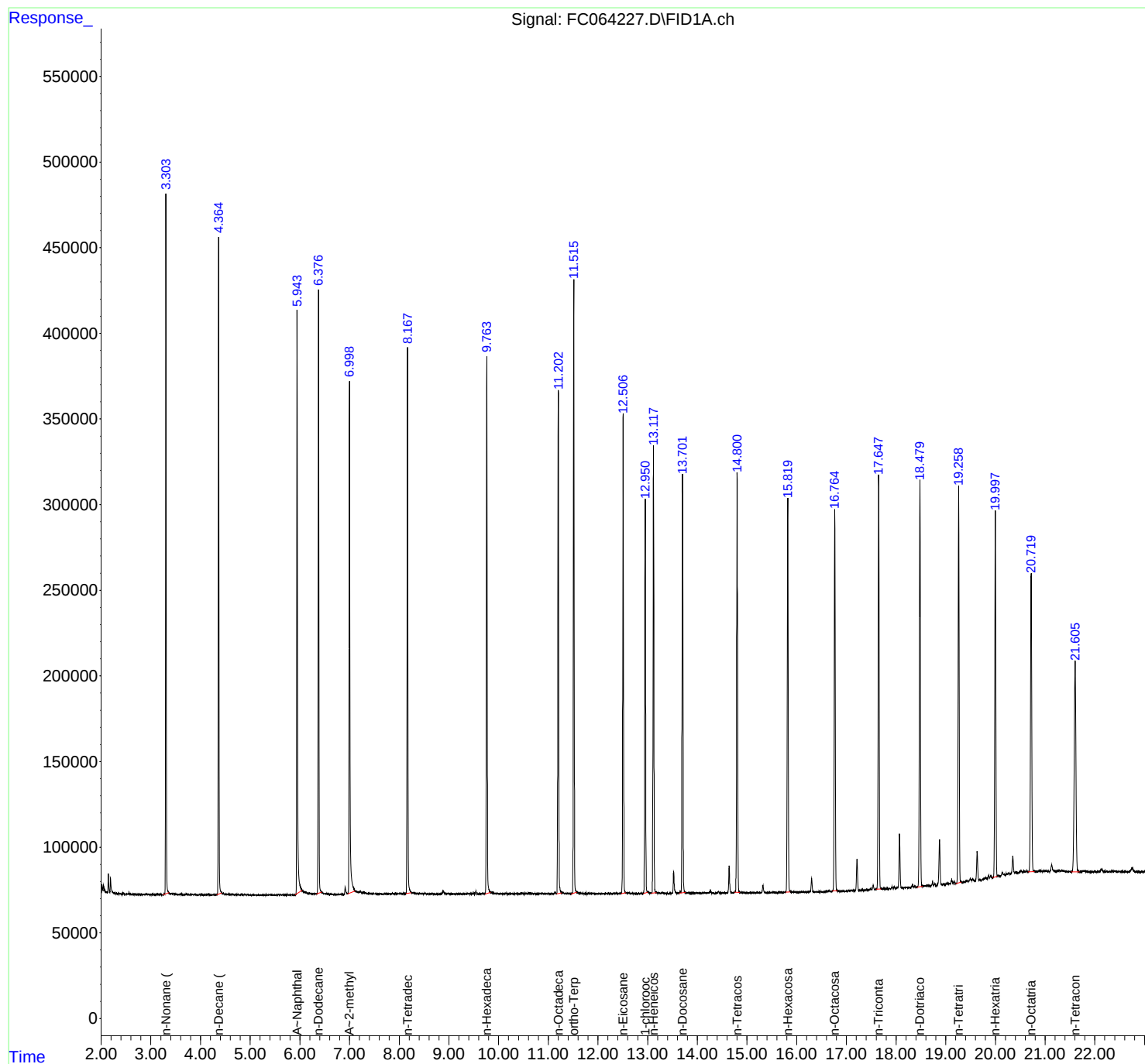
(m)=manual int.

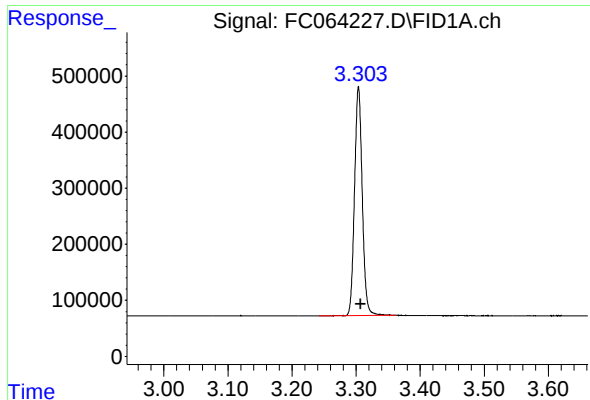
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072223AL\
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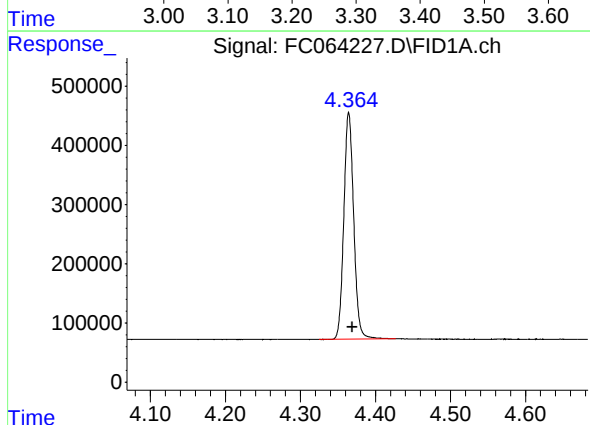




#1 n-Nonane (C9)

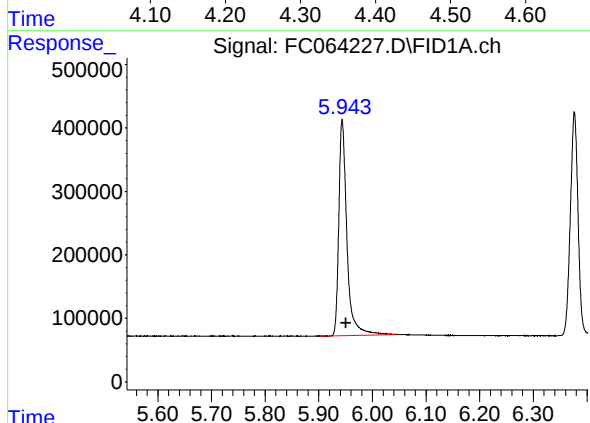
R.T.: 3.304 min
Delta R.T.: -0.003 min
Response: 3424675
Conc: 19.20 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



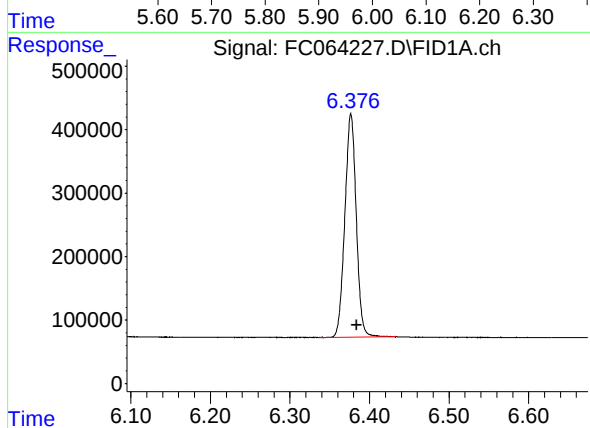
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: -0.005 min
Response: 3504545
Conc: 19.37 ug/ml



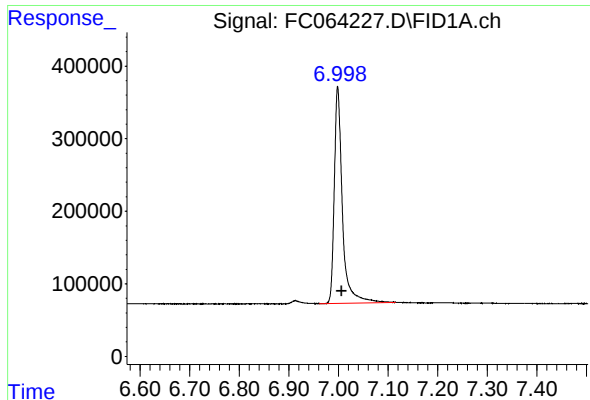
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: -0.007 min
Response: 3563827
Conc: 19.11 ug/ml



#4 n-Dodecane (C12)

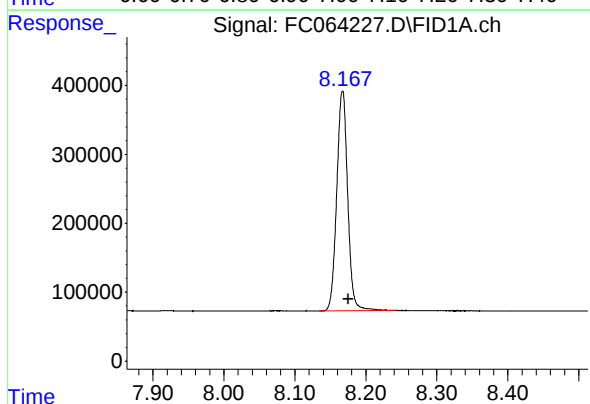
R.T.: 6.377 min
Delta R.T.: -0.007 min
Response: 3505596
Conc: 19.46 ug/ml



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

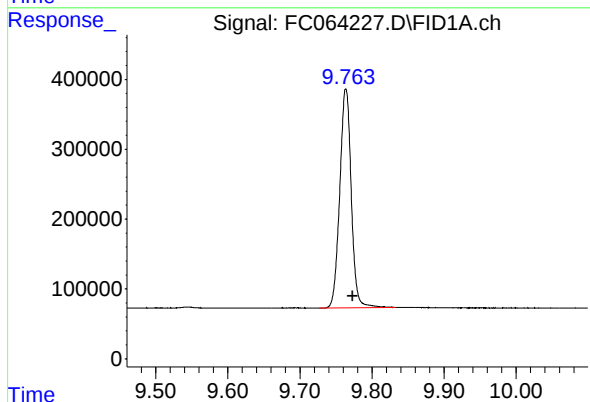
R.T.: 6.998 min
Delta R.T.: -0.007 min
Response: 3402871
Conc: 19.34 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



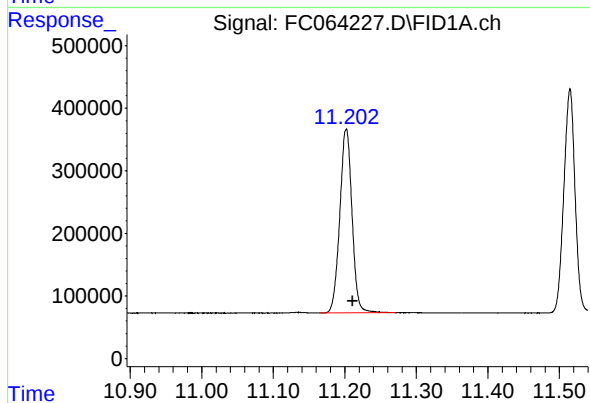
#6 n-Tetradecane (C14)

R.T.: 8.167 min
Delta R.T.: -0.008 min
Response: 3421011
Conc: 19.78 ug/ml



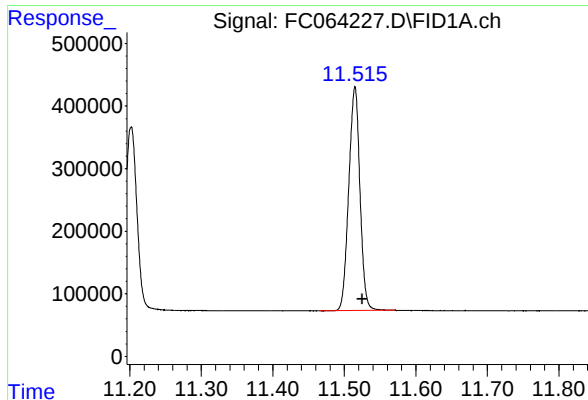
#7 n-Hexadecane (C16)

R.T.: 9.764 min
Delta R.T.: -0.009 min
Response: 3477966
Conc: 20.02 ug/ml



#8 n-Octadecane (C18)

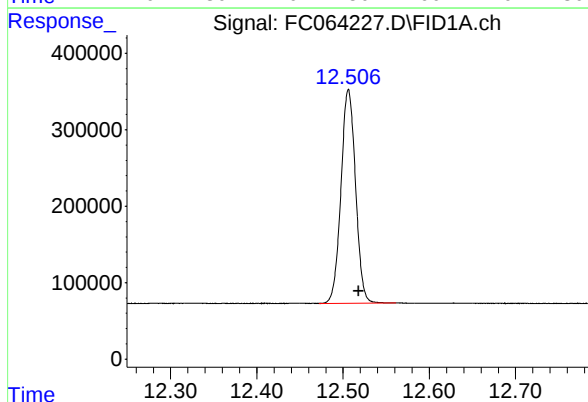
R.T.: 11.202 min
Delta R.T.: -0.009 min
Response: 3492555
Conc: 20.26 ug/ml



#9 ortho-Terphenyl (SURR)

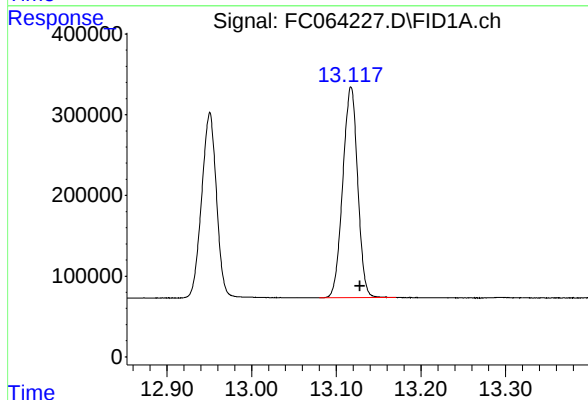
R.T.: 11.515 min
Delta R.T.: -0.010 min
Response: 3885824
Conc: 20.01 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



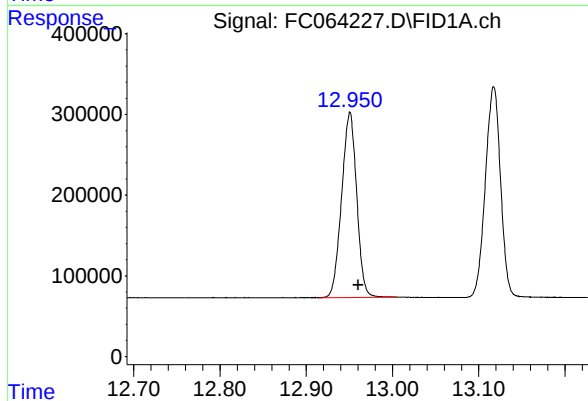
#10 n-Eicosane (C20)

R.T.: 12.506 min
Delta R.T.: -0.012 min
Response: 3283163
Conc: 20.11 ug/ml



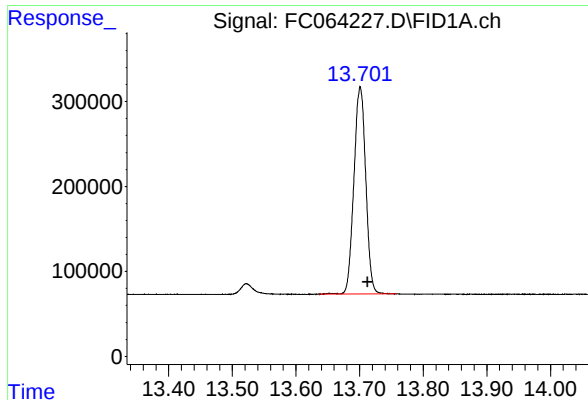
#11 n-Heneicosane (C21)

R.T.: 13.118 min
Delta R.T.: -0.011 min
Response: 3198108
Conc: 19.96 ug/ml



#12 1-chlorooctadecane (SURR)

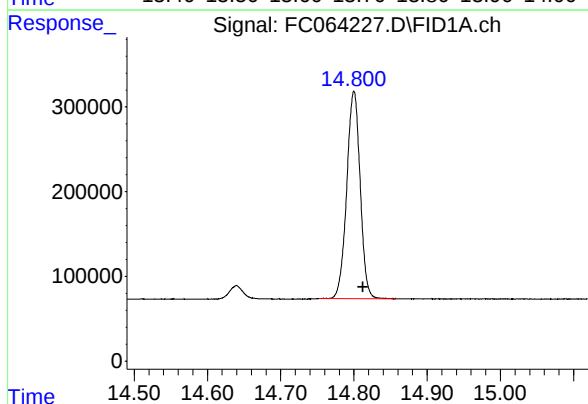
R.T.: 12.951 min
Delta R.T.: -0.010 min
Response: 2783718
Conc: 20.01 ug/ml



#13 n-Docosane (C22)

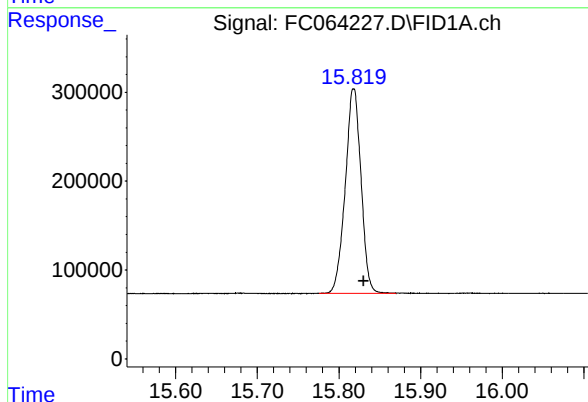
R.T.: 13.701 min
Delta R.T.: -0.012 min
Response: 3168965
Conc: 20.17 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



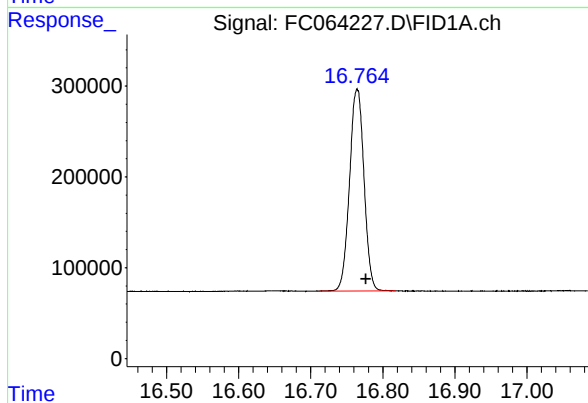
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: -0.012 min
Response: 3125879
Conc: 19.83 ug/ml



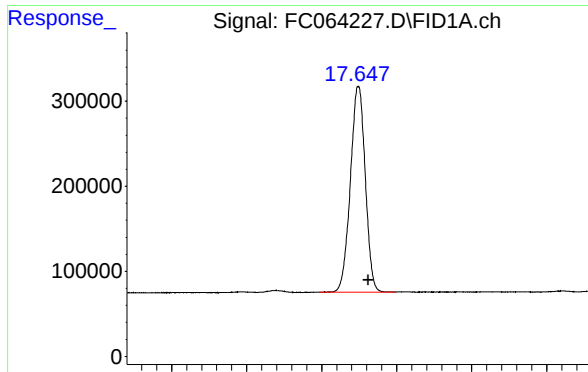
#15 n-Hexacosane (C26)

R.T.: 15.818 min
Delta R.T.: -0.012 min
Response: 3083328
Conc: 20.41 ug/ml



#16 n-Octacosane (C28)

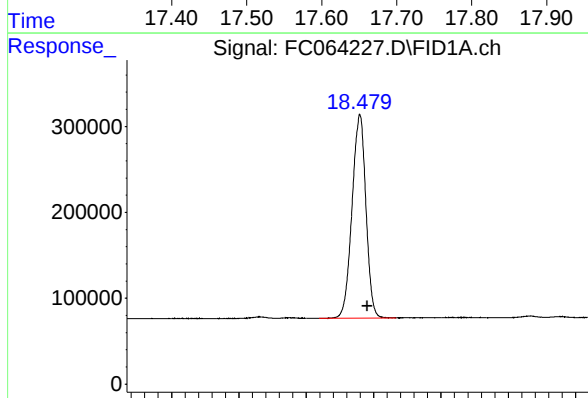
R.T.: 16.765 min
Delta R.T.: -0.012 min
Response: 3100256
Conc: 20.57 ug/ml



#17 n-Tricontane (C30)

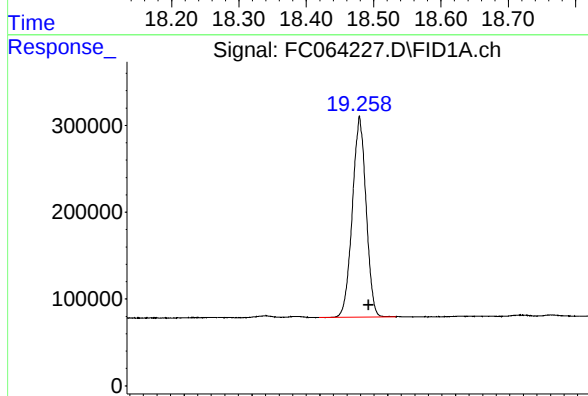
R.T.: 17.649 min
Delta R.T.: -0.013 min
Response: 3333193
Conc: 21.35 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



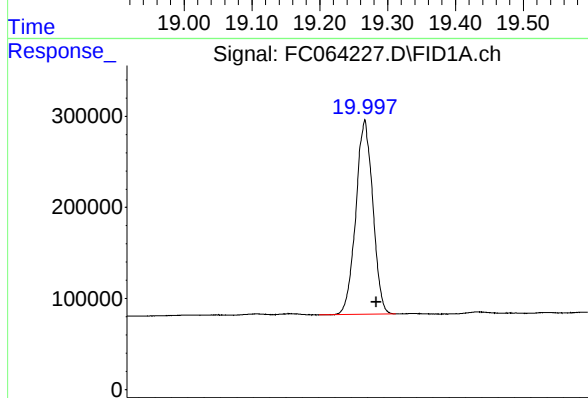
#18 n-Dotriacontane (C32)

R.T.: 18.480 min
Delta R.T.: -0.011 min
Response: 3395183
Conc: 21.49 ug/ml



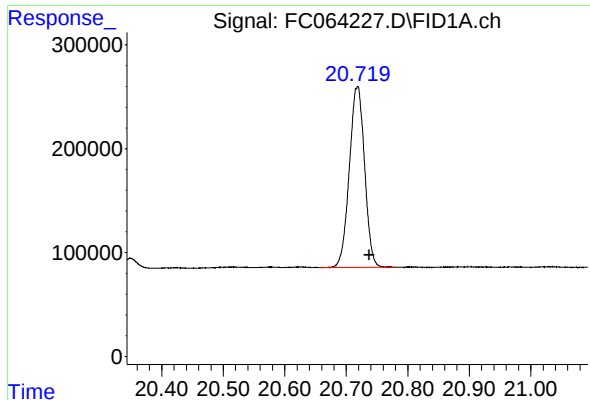
#19 n-Tetatriacontane (C34)

R.T.: 19.259 min
Delta R.T.: -0.013 min
Response: 3249224
Conc: 21.12 ug/ml



#20 n-Hexatriacontane (C36)

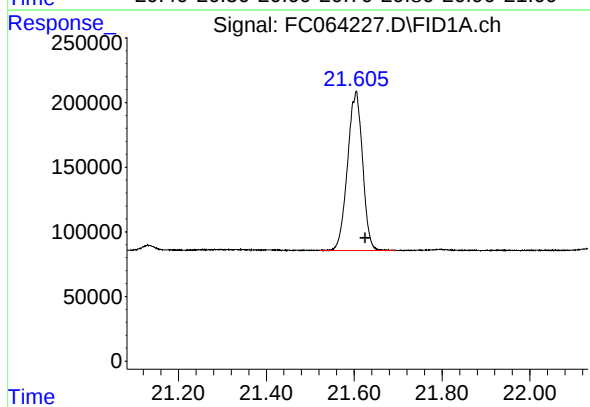
R.T.: 19.997 min
Delta R.T.: -0.014 min
Response: 3078593
Conc: 20.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.718 min
Delta R.T.: -0.019 min
Response: 3001798
Conc: 20.26 ug/ml

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FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.605 min
Delta R.T.: -0.020 min
Response: 2916695
Conc: 20.01 ug/ml