

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071923AL\
 Data File : FC064180.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jul 2023 01:52
 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 20 03:32:32 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	3996609	20.584 ug/ml
Spiked Amount 50.000		Recovery =	41.17%
12) S 1-chlorooctadecane (S...	12.950	2883843	20.728 ug/ml
Spiked Amount 50.000		Recovery =	41.46%
Target Compounds			
1) T n-Nonane (C9)	3.304	3551955	19.916 ug/ml
2) T n-Decane (C10)	4.366	3608476	19.941 ug/ml
3) T A~Naphthalene (C11.7)	5.945	3704194	19.858 ug/ml
4) T n-Dodecane (C12)	6.378	3593482	19.947 ug/ml
5) T A~2-methylnaphthalene...	7.000	3509729	19.943 ug/ml
6) T n-Tetradecane (C14)	8.168	3492818	20.191 ug/ml
7) T n-Hexadecane (C16)	9.765	3535362	20.352 ug/ml
8) T n-Octadecane (C18)	11.202	3553425	20.618 ug/ml
10) T n-Eicosane (C20)	12.508	3358878	20.575 ug/ml
11) T n-Heneicosane (C21)	13.118	3268973	20.403 ug/ml
13) T n-Docosane (C22)	13.702	3223363	20.513 ug/ml
14) T n-Tetracosane (C24)	14.802	3178715	20.167 ug/ml
15) T n-Hexacosane (C26)	15.819	3110339	20.587 ug/ml
16) T n-Octacosane (C28)	16.765	3082293	20.456 ug/ml
17) T n-Tricontane (C30)	17.650	3247575	20.801 ug/ml
18) T n-Dotriacontane (C32)	18.478	3283224	20.783 ug/ml
19) T n-Tetratriacontane (C34)	19.259	3200872	20.801 ug/ml
20) T n-Hexatriacontane (C36)	19.994	3080820	20.867 ug/ml
21) T n-Octatriacontane (C38)	20.717	3044083	20.550 ug/ml
22) T n-Tetracontane (C40)	21.601	2987940	20.499 ug/ml

(f)=RT Delta > 1/2 Window

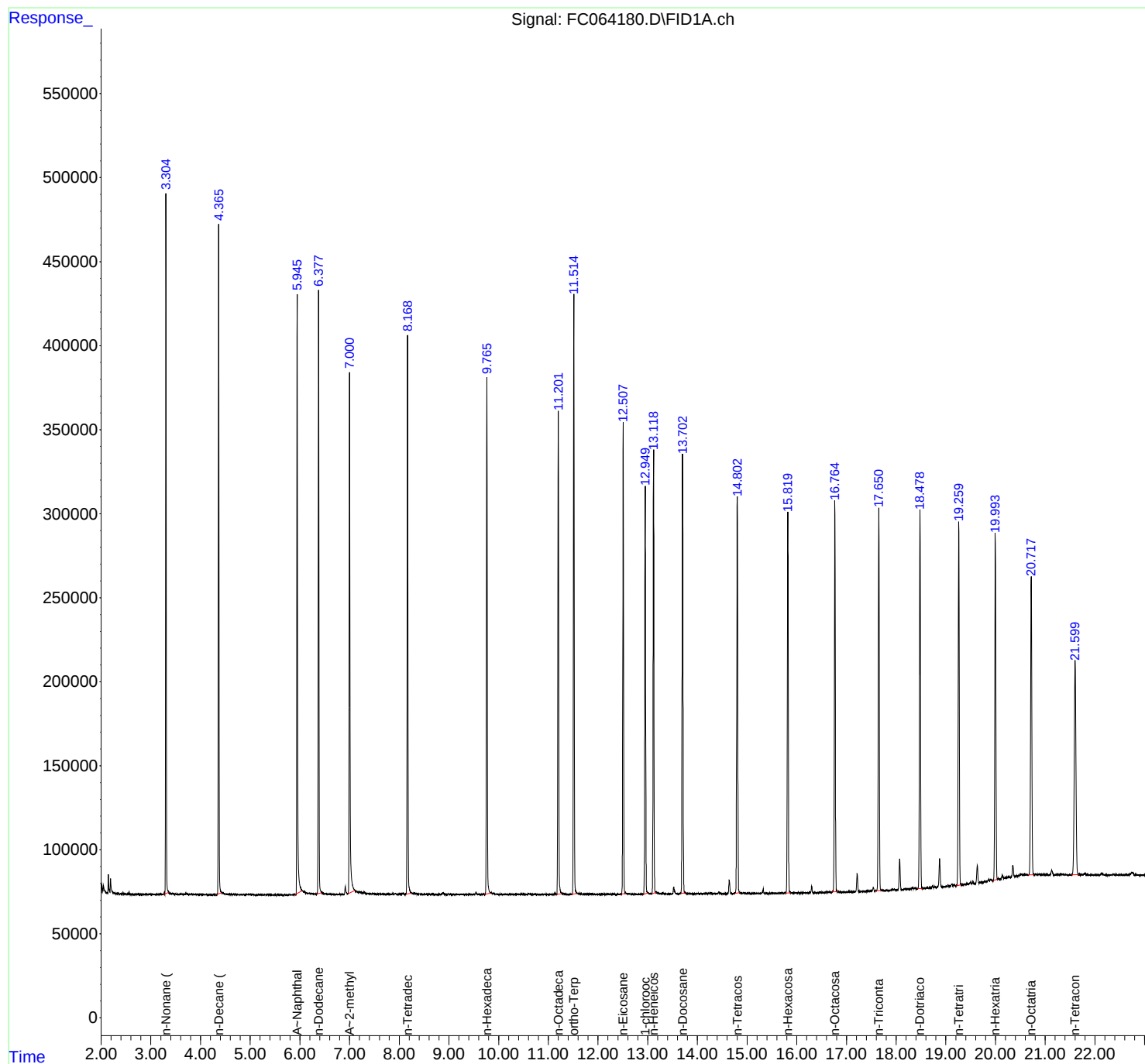
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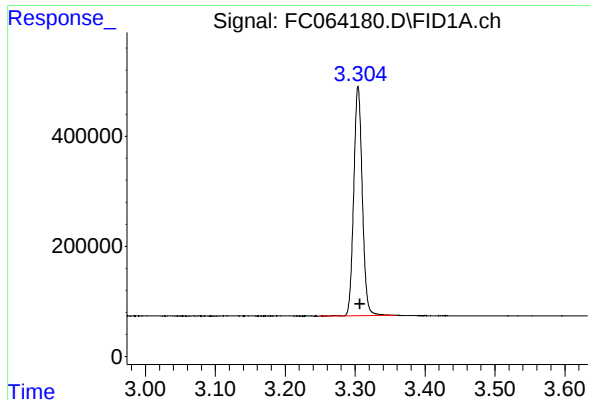
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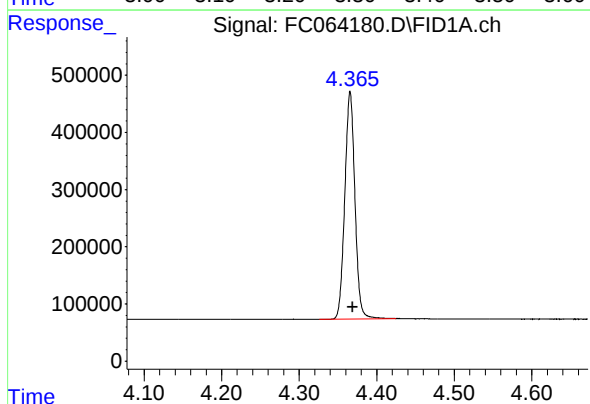




#1 n-Nonane (C9)

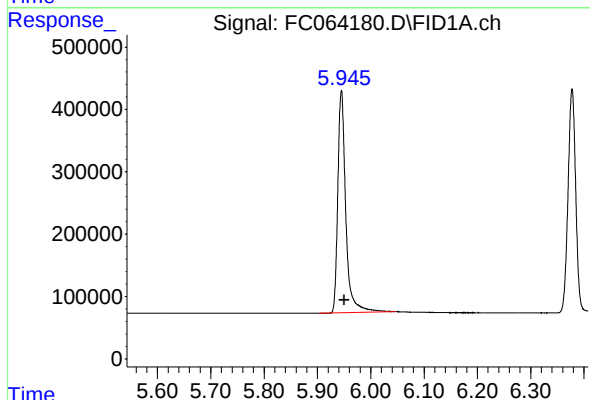
R.T.: 3.304 min
Delta R.T.: -0.003 min
Response: 3551955
Conc: 19.92 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



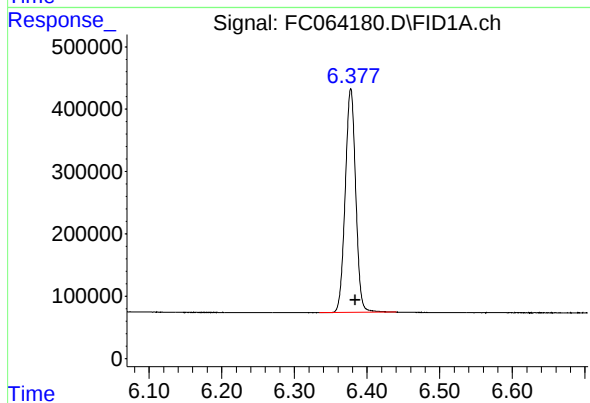
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: -0.003 min
Response: 3608476
Conc: 19.94 ug/ml



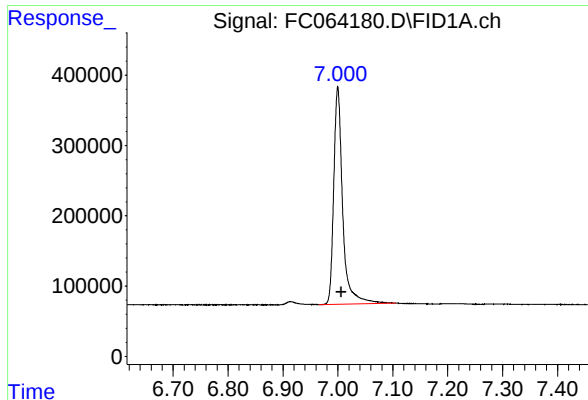
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.005 min
Response: 3704194
Conc: 19.86 ug/ml



#4 n-Dodecane (C12)

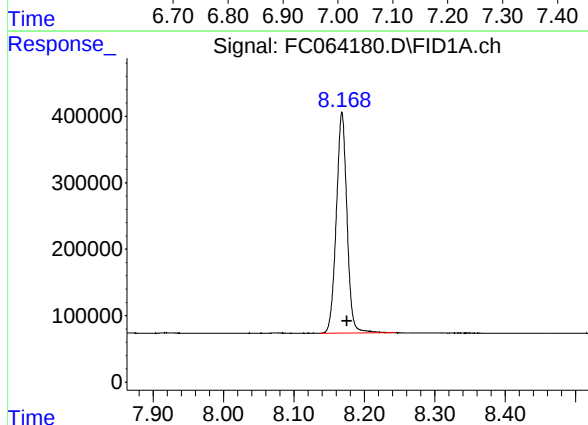
R.T.: 6.378 min
Delta R.T.: -0.006 min
Response: 3593482
Conc: 19.95 ug/ml



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

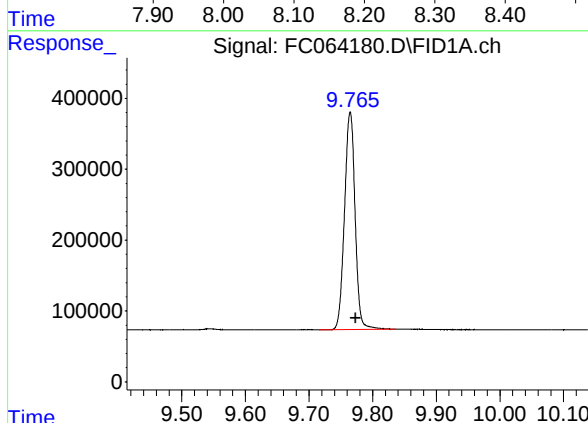
R.T.: 7.000 min
Delta R.T.: -0.006 min
Response: 3509729
Conc: 19.94 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



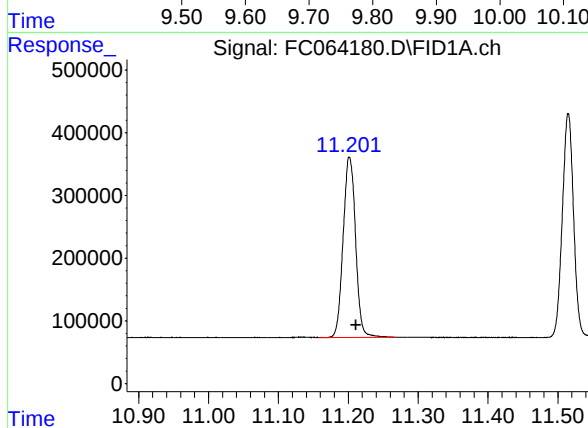
#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: -0.007 min
Response: 3492818
Conc: 20.19 ug/ml



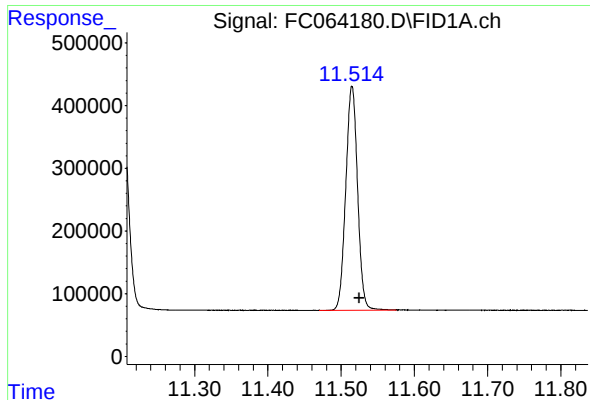
#7 n-Hexadecane (C16)

R.T.: 9.765 min
Delta R.T.: -0.008 min
Response: 3535362
Conc: 20.35 ug/ml



#8 n-Octadecane (C18)

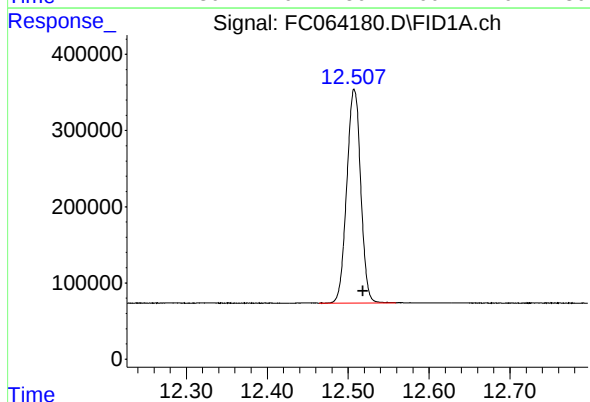
R.T.: 11.202 min
Delta R.T.: -0.009 min
Response: 3553425
Conc: 20.62 ug/ml



#9 ortho-Terphenyl (SURR)

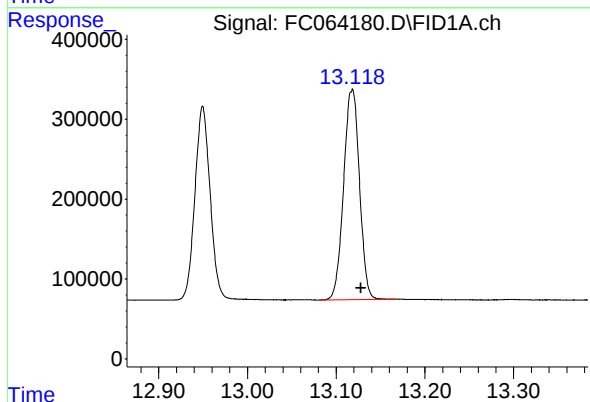
R.T.: 11.515 min
Delta R.T.: -0.010 min
Response: 3996609
Conc: 20.58 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



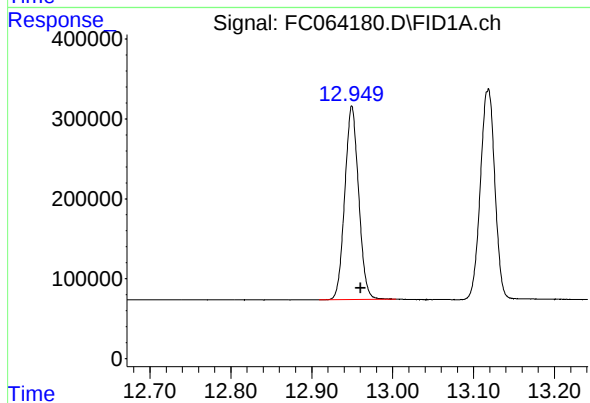
#10 n-Eicosane (C20)

R.T.: 12.508 min
Delta R.T.: -0.010 min
Response: 3358878
Conc: 20.58 ug/ml



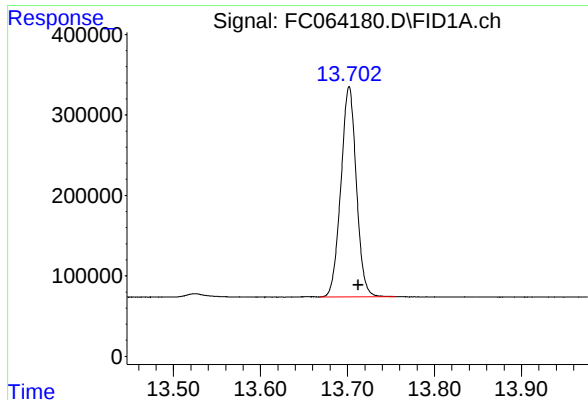
#11 n-Heneicosane (C21)

R.T.: 13.118 min
Delta R.T.: -0.010 min
Response: 3268973
Conc: 20.40 ug/ml



#12 1-chlorooctadecane (SURR)

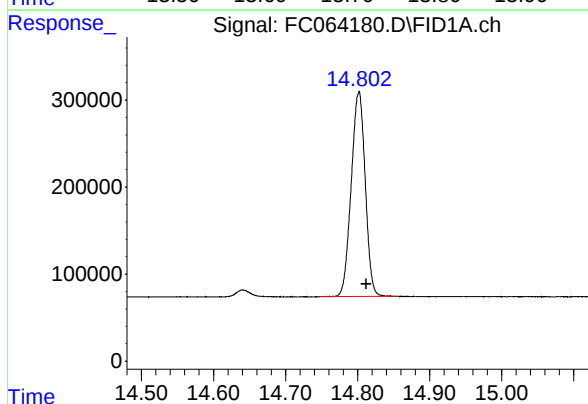
R.T.: 12.950 min
Delta R.T.: -0.011 min
Response: 2883843
Conc: 20.73 ug/ml



#13 n-Docosane (C22)

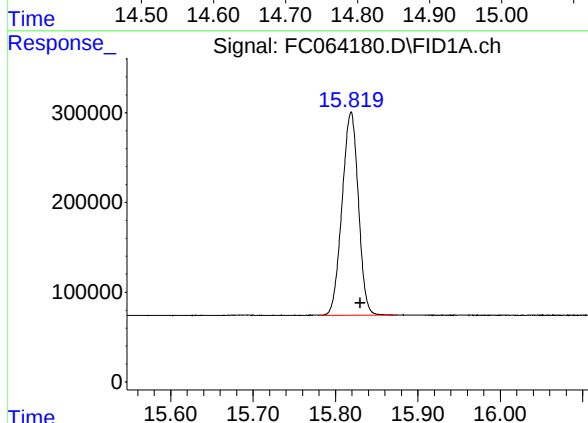
R.T.: 13.702 min
Delta R.T.: -0.011 min
Response: 3223363
Conc: 20.51 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



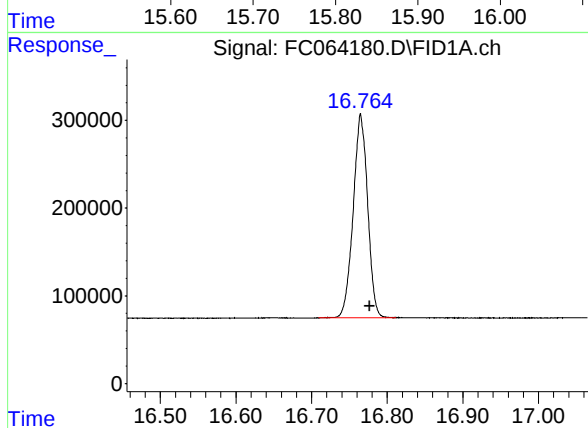
#14 n-Tetracosane (C24)

R.T.: 14.802 min
Delta R.T.: -0.010 min
Response: 3178715
Conc: 20.17 ug/ml



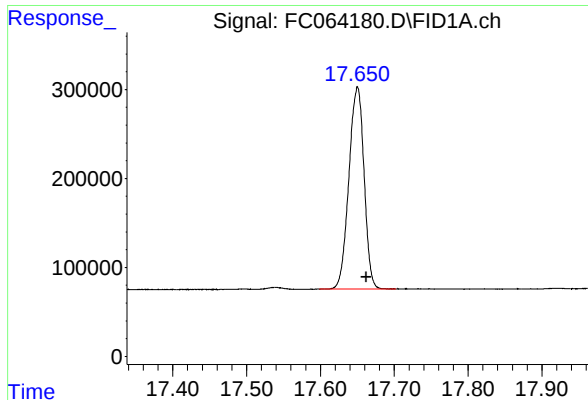
#15 n-Hexacosane (C26)

R.T.: 15.819 min
Delta R.T.: -0.011 min
Response: 3110339
Conc: 20.59 ug/ml



#16 n-Octacosane (C28)

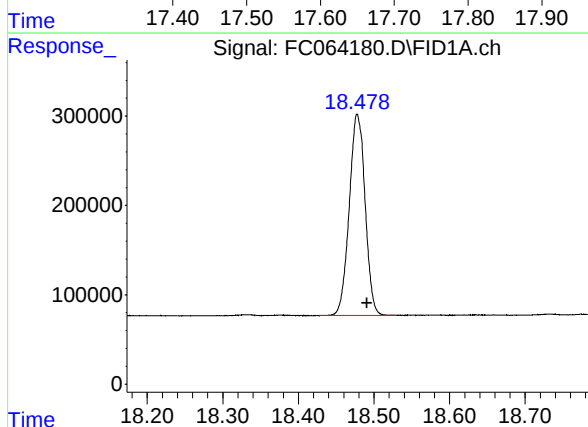
R.T.: 16.765 min
Delta R.T.: -0.012 min
Response: 3082293
Conc: 20.46 ug/ml



#17 n-Tricontane (C30)

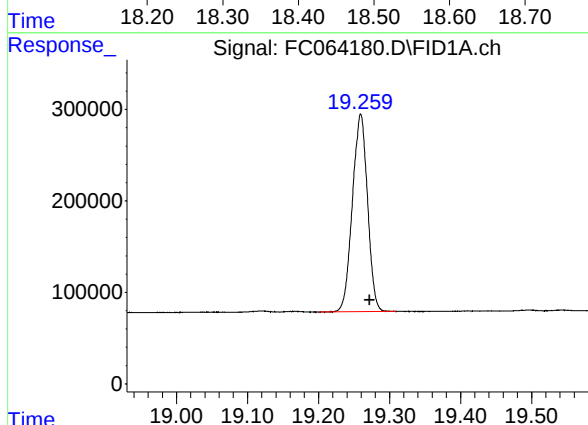
R.T.: 17.650 min
Delta R.T.: -0.012 min
Response: 3247575
Conc: 20.80 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



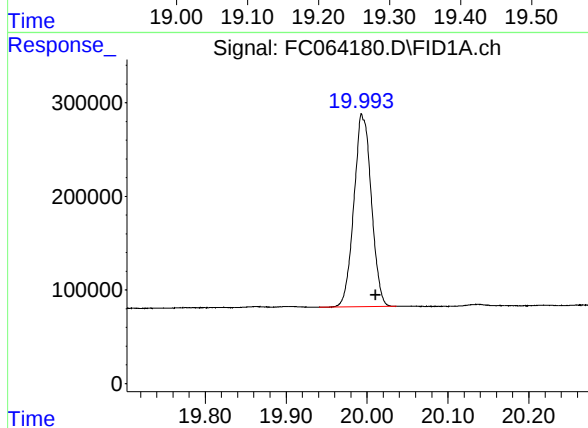
#18 n-Dotriacontane (C32)

R.T.: 18.478 min
Delta R.T.: -0.013 min
Response: 3283224
Conc: 20.78 ug/ml



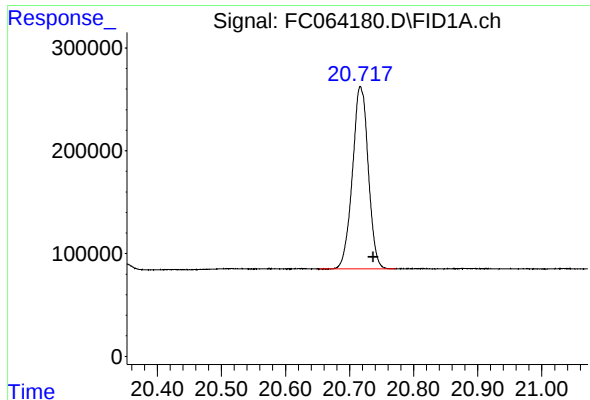
#19 n-Tetatriacontane (C34)

R.T.: 19.259 min
Delta R.T.: -0.013 min
Response: 3200872
Conc: 20.80 ug/ml



#20 n-Hexatriacontane (C36)

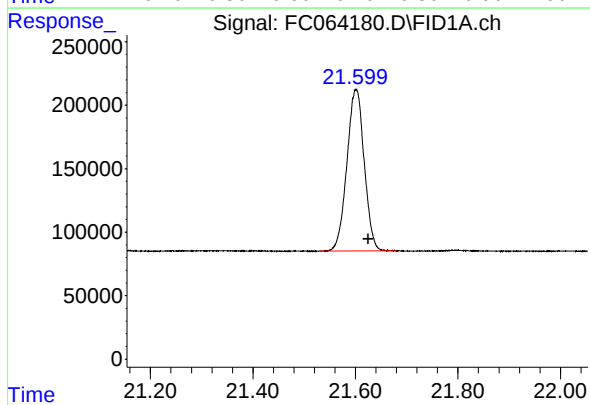
R.T.: 19.994 min
Delta R.T.: -0.017 min
Response: 3080820
Conc: 20.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.717 min
Delta R.T.: -0.021 min
Response: 3044083
Conc: 20.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.601 min
Delta R.T.: -0.024 min
Response: 2987940
Conc: 20.50 ug/ml