

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082823AL\
 Data File : FC064413.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2023 13:12
 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: Aug 28 22:22:37 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)	11.512	4339154	20.439 ug/ml
Spiked Amount 50.000		Recovery =	40.88%
12) S 1-chlorooctadecane (S...	12.946	3178865	20.849 ug/ml
Spiked Amount 50.000		Recovery =	41.70%
Target Compounds			
1) T n-Nonane (C9)	3.303	3459355	19.600 ug/ml
2) T n-Decane (C10)	4.364	3515611	20.041 ug/ml
3) T A~Naphthalene (C11.7)	5.943	3730057	20.059 ug/ml
4) T n-Dodecane (C12)	6.376	3588336	20.132 ug/ml
5) T A~2-methylnaphthalene...	6.997	3687766	20.731 ug/ml
6) T n-Tetradecane (C14)	8.166	3580941	20.526 ug/ml
7) T n-Hexadecane (C16)	9.760	3662076	21.191 ug/ml
8) T n-Octadecane (C18)	11.199	3696084	21.111 ug/ml
10) T n-Eicosane (C20)	12.504	3554614	21.013 ug/ml
11) T n-Heneicosane (C21)	13.112	3479887	20.850 ug/ml
13) T n-Docosane (C22)	13.697	3416018	20.943 ug/ml
14) T n-Tetracosane (C24)	14.795	3289746	20.658 ug/ml
15) T n-Hexacosane (C26)	15.812	3132358	20.274 ug/ml
16) T n-Octacosane (C28)	16.757	3012413	20.347 ug/ml
17) T n-Tricontane (C30)	17.642	3008977	20.600 ug/ml
18) T n-Dotriacontane (C32)	18.471	2934703	20.776 ug/ml
19) T n-Tetratriacontane (C34)	19.252	2741829	20.521 ug/ml
20) T n-Hexatriacontane (C36)	19.987	2590989	20.248 ug/ml
21) T n-Octatriacontane (C38)	20.709	2515649	20.486 ug/ml
22) T n-Tetracontane (C40)	21.587	2422770	20.862 ug/ml

(f)=RT Delta > 1/2 Window

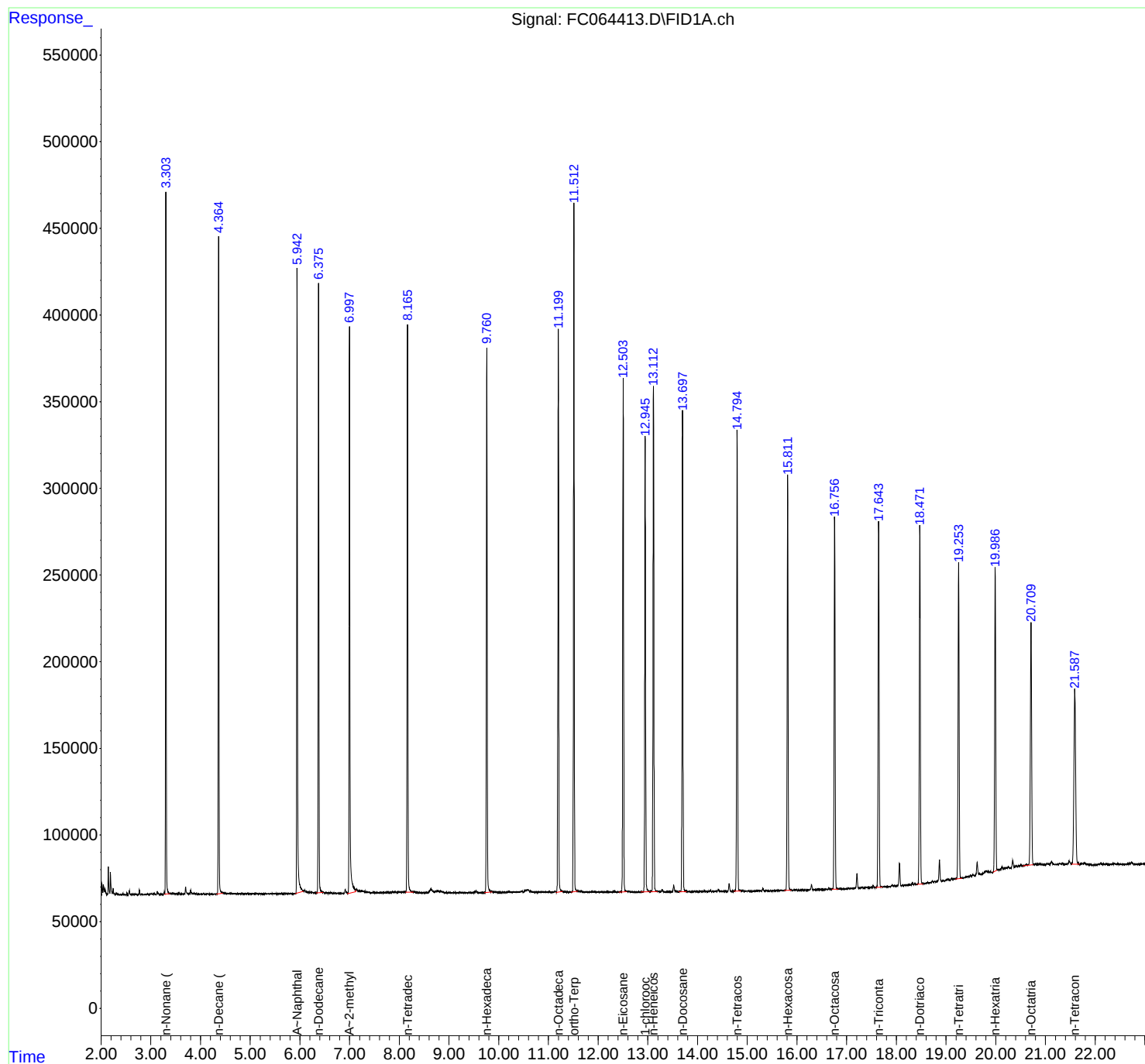
(m)=manual int.

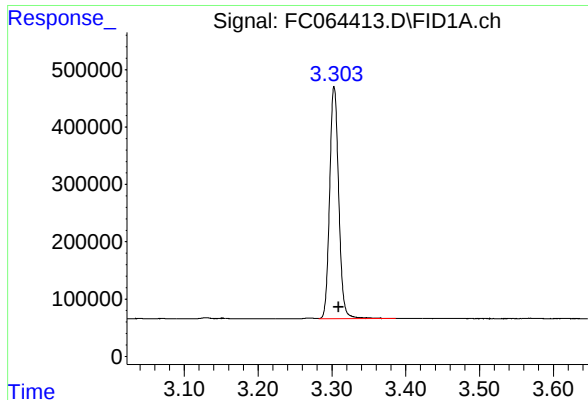
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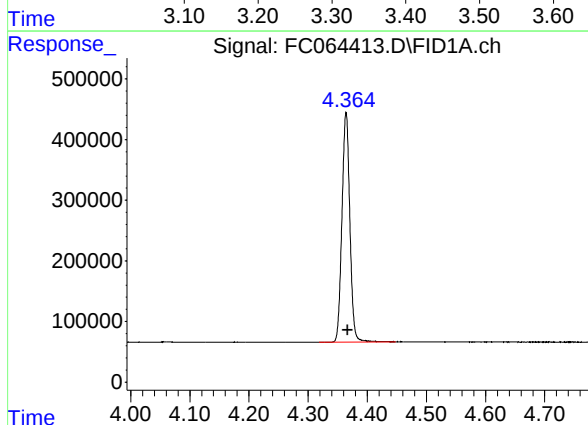




#1 n-Nonane (C9)

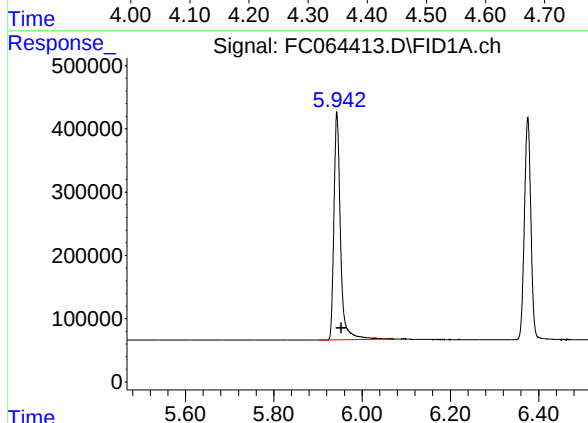
R.T.: 3.303 min
Delta R.T.: -0.006 min
Response: 3459355
Conc: 19.60 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



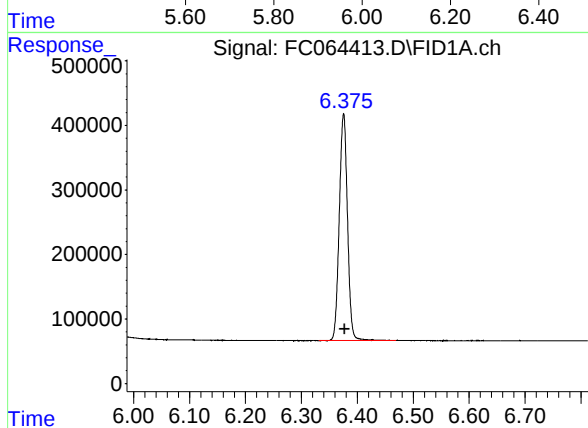
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: -0.002 min
Response: 3515611
Conc: 20.04 ug/ml



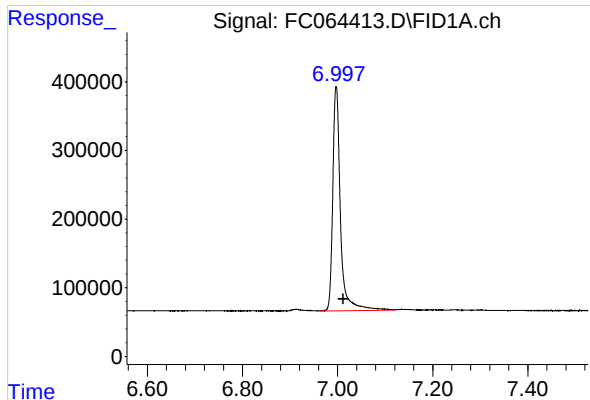
#3 A~Naphthalene (C11.7)

R.T.: 5.943 min
Delta R.T.: -0.010 min
Response: 3730057
Conc: 20.06 ug/ml



#4 n-Dodecane (C12)

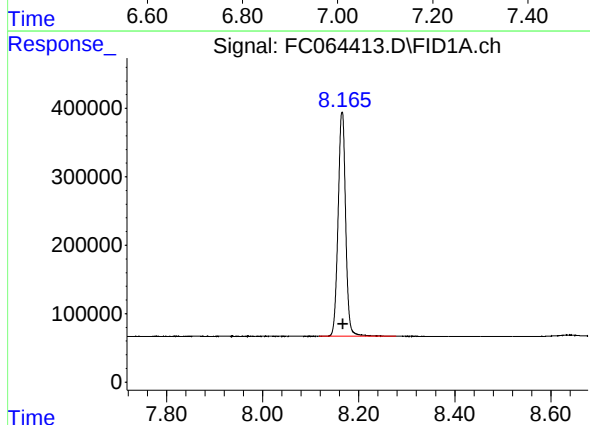
R.T.: 6.376 min
Delta R.T.: -0.002 min
Response: 3588336
Conc: 20.13 ug/ml



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

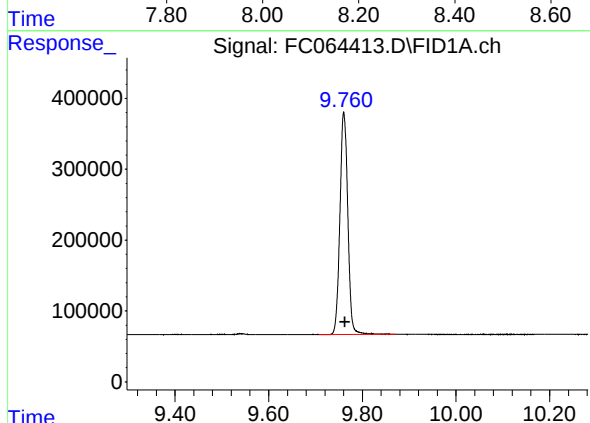
R.T.: 6.997 min
Delta R.T.: -0.015 min
Response: 3687766
Conc: 20.73 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



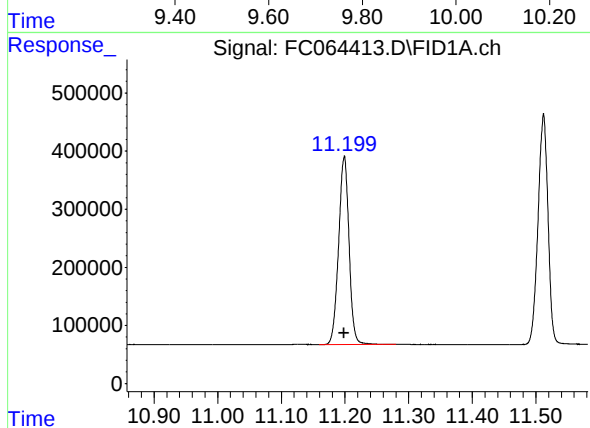
#6 n-Tetradecane (C14)

R.T.: 8.166 min
Delta R.T.: -0.002 min
Response: 3580941
Conc: 20.53 ug/ml



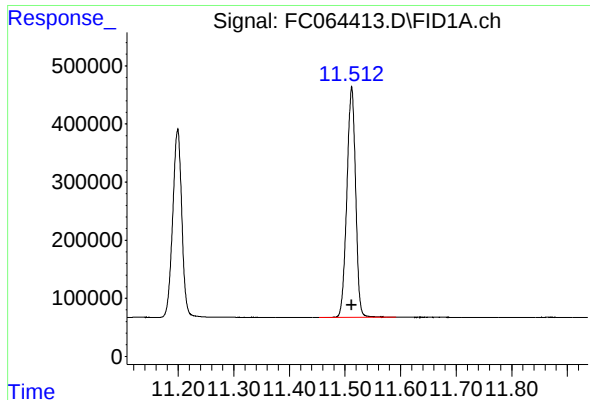
#7 n-Hexadecane (C16)

R.T.: 9.760 min
Delta R.T.: -0.003 min
Response: 3662076
Conc: 21.19 ug/ml



#8 n-Octadecane (C18)

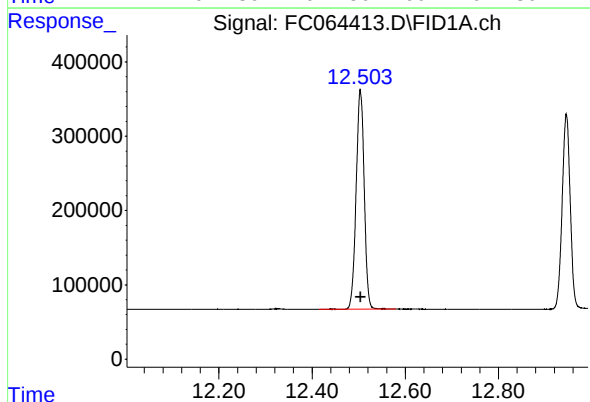
R.T.: 11.199 min
Delta R.T.: 0.000 min
Response: 3696084
Conc: 21.11 ug/ml



#9 ortho-Terphenyl (SURR)

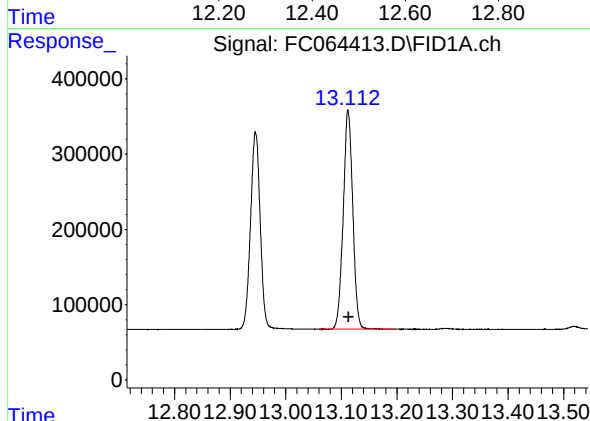
R.T.: 11.512 min
Delta R.T.: 0.000 min
Response: 4339154
Conc: 20.44 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



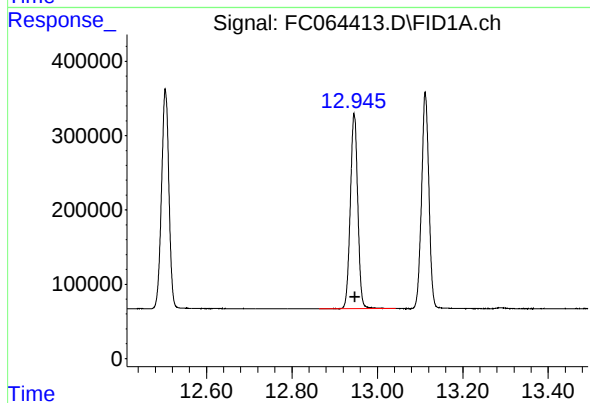
#10 n-Eicosane (C20)

R.T.: 12.504 min
Delta R.T.: 0.000 min
Response: 3554614
Conc: 21.01 ug/ml



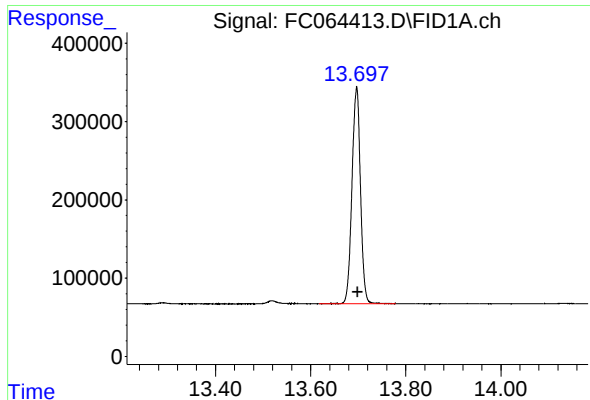
#11 n-Heneicosane (C21)

R.T.: 13.112 min
Delta R.T.: 0.000 min
Response: 3479887
Conc: 20.85 ug/ml



#12 1-chlorooctadecane (SURR)

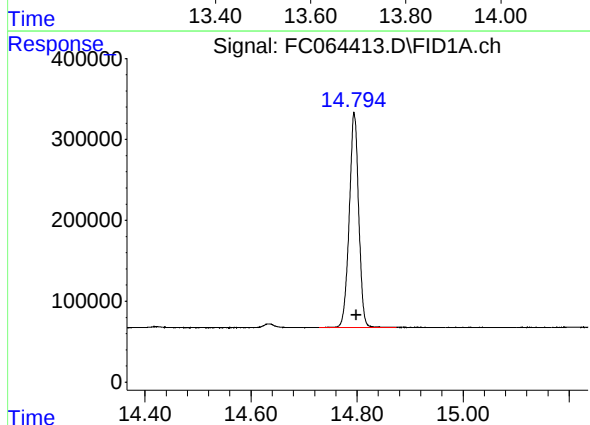
R.T.: 12.946 min
Delta R.T.: -0.002 min
Response: 3178865
Conc: 20.85 ug/ml



#13 n-Docosane (C22)

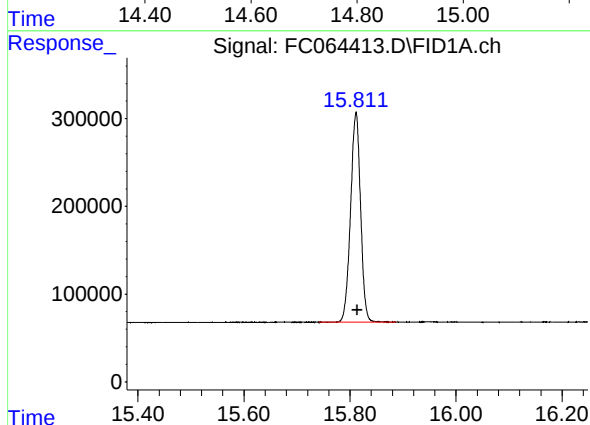
R.T.: 13.697 min
Delta R.T.: -0.001 min
Response: 3416018
Conc: 20.94 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



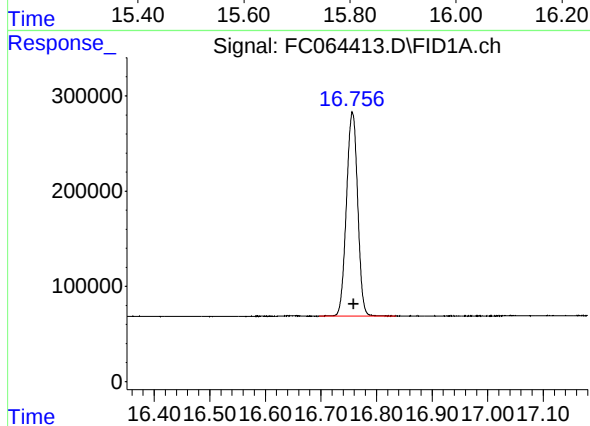
#14 n-Tetracosane (C24)

R.T.: 14.795 min
Delta R.T.: -0.004 min
Response: 3289746
Conc: 20.66 ug/ml



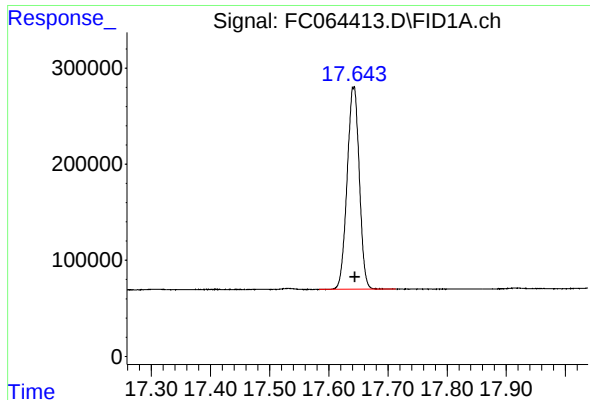
#15 n-Hexacosane (C26)

R.T.: 15.812 min
Delta R.T.: -0.002 min
Response: 3132358
Conc: 20.27 ug/ml



#16 n-Octacosane (C28)

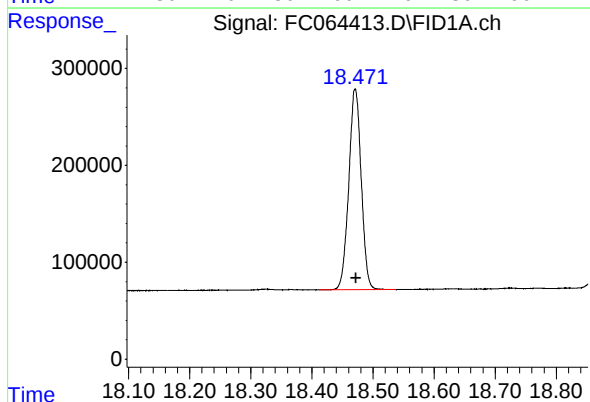
R.T.: 16.757 min
Delta R.T.: -0.002 min
Response: 3012413
Conc: 20.35 ug/ml



#17 n-Tricontane (C30)

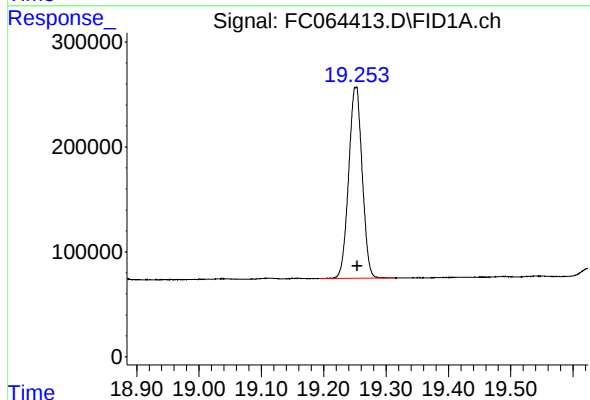
R.T.: 17.642 min
Delta R.T.: -0.002 min
Response: 3008977
Conc: 20.60 ug/ml

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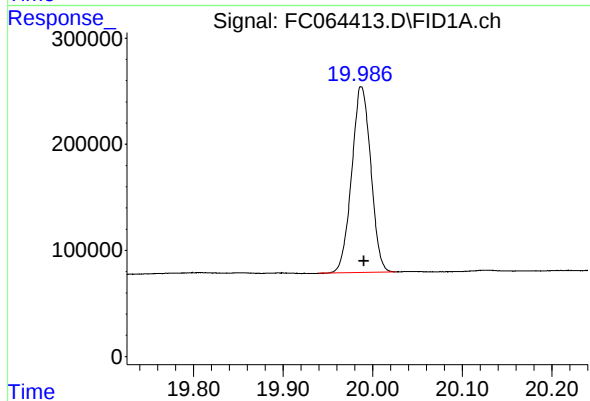
#18 n-Dotriacontane (C32)

R.T.: 18.471 min
Delta R.T.: -0.001 min
Response: 2934703
Conc: 20.78 ug/ml



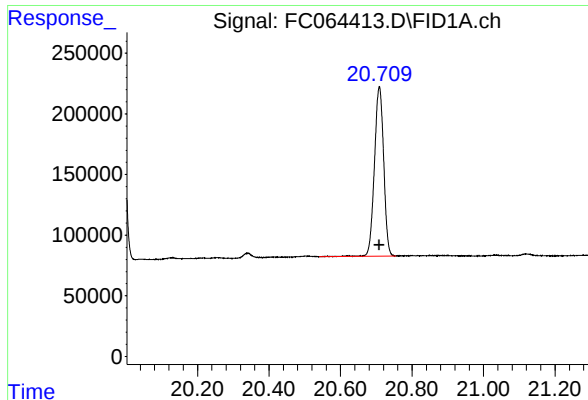
#19 n-Tetatriacontane (C34)

R.T.: 19.252 min
Delta R.T.: -0.002 min
Response: 2741829
Conc: 20.52 ug/ml



#20 n-Hexatriacontane (C36)

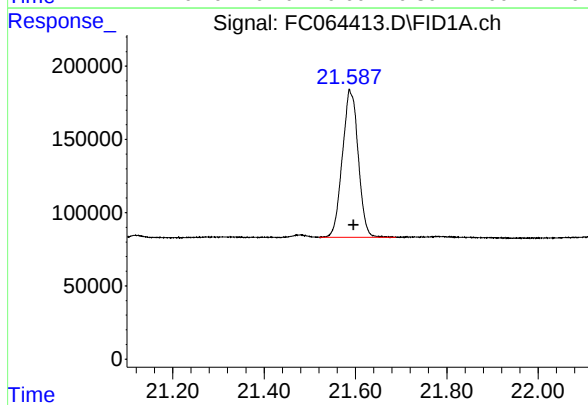
R.T.: 19.987 min
Delta R.T.: -0.003 min
Response: 2590989
Conc: 20.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.709 min
Delta R.T.: 0.000 min
Response: 2515649
Conc: 20.49 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.587 min
Delta R.T.: -0.009 min
Response: 2422770
Conc: 20.86 ug/ml