

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092623AL\
 Data File : FC064683.D
 Signal(s) : FID1A.ch
 Acq On : 27 Sep 2023 03:51
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :Ankita Jodhani 09/27/2023

Integration File: autoint1.e
 Quant Time: Sep 27 04:24:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 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)	11.519	4612247	22.794 ug/ml
Spiked Amount 50.000		Recovery =	45.59%
12) S 1-chlorooctadecane (S...	12.949	3366788	23.115 ug/ml
Spiked Amount 50.000		Recovery =	46.23%
Target Compounds			
1) T n-Nonane (C9)	3.320	3899234	22.065 ug/mlm
2) T n-Decane (C10)	4.379	3999753	22.264 ug/ml
3) T A~Naphthalene (C11.7)	5.959	4208965	22.404 ug/ml
4) T n-Dodecane (C12)	6.389	4060620	22.355 ug/ml
5) T A~2-methylnaphthalene...	7.013	4026374	22.578 ug/ml
6) T n-Tetradecane (C14)	8.176	3955573	22.293 ug/ml
7) T n-Hexadecane (C16)	9.769	3982888	22.157 ug/ml
8) T n-Octadecane (C18)	11.204	3993910	22.059 ug/ml
10) T n-Eicosane (C20)	12.507	3809523	22.364 ug/ml
11) T n-Heneicosane (C21)	13.116	3710317	22.402 ug/ml
13) T n-Docosane (C22)	13.699	3647333	22.389 ug/ml
14) T n-Tetracosane (C24)	14.797	3531963	22.247 ug/ml
15) T n-Hexacosane (C26)	15.813	3382661	22.160 ug/ml
16) T n-Octacosane (C28)	16.757	3302741	22.316 ug/ml
17) T n-Tricontane (C30)	17.641	3392442	22.836 ug/ml
18) T n-Dotriacontane (C32)	18.471	3372311	23.108 ug/ml
19) T n-Tetratriacontane (C34)	19.249	3186028	22.410 ug/ml
20) T n-Hexatriacontane (C36)	19.987	3039177	22.066 ug/ml
21) T n-Octatriacontane (C38)	20.709	2924786	21.341 ug/ml
22) T n-Tetracontane (C40)	21.588	2853942	20.981 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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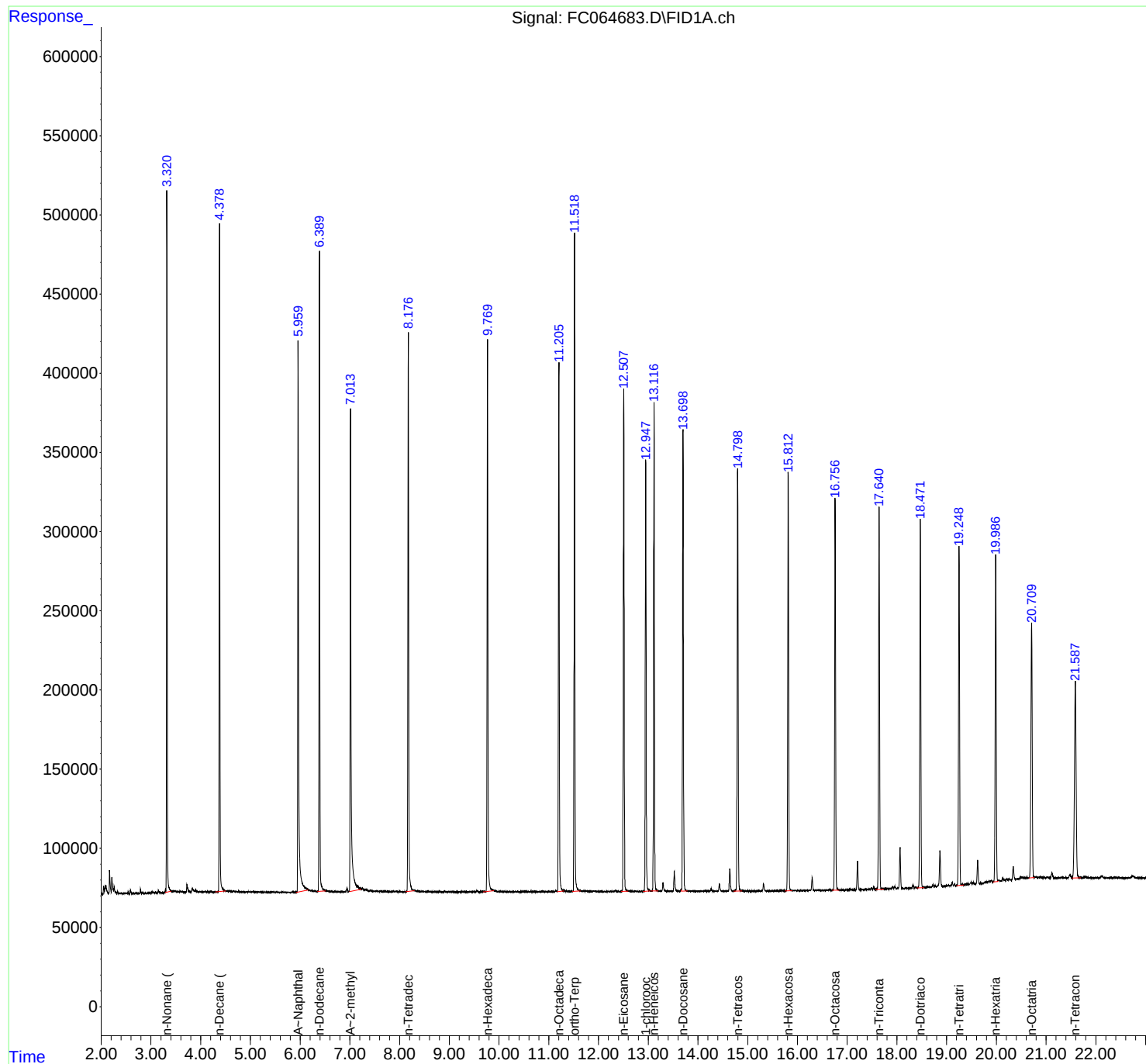
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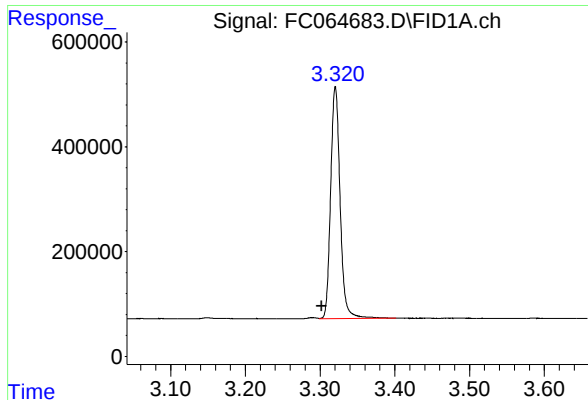
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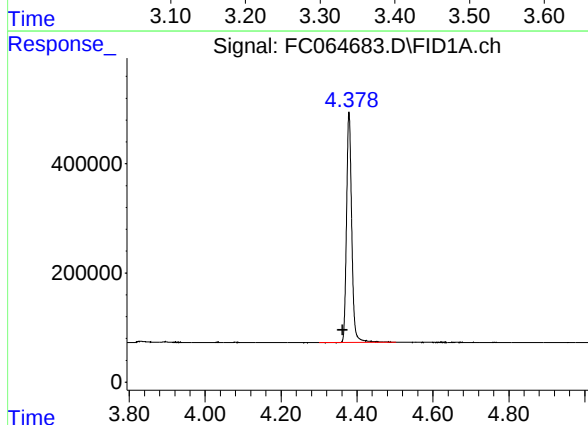
#1 n-Nonane (C9)

R.T.: 3.320 min
Delta R.T.: 0.018 min
Response: 3899234
Conc: 22.06 ug/ml

Instrument : FID_C
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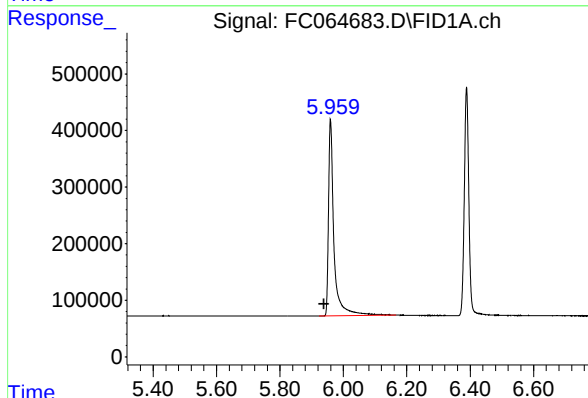
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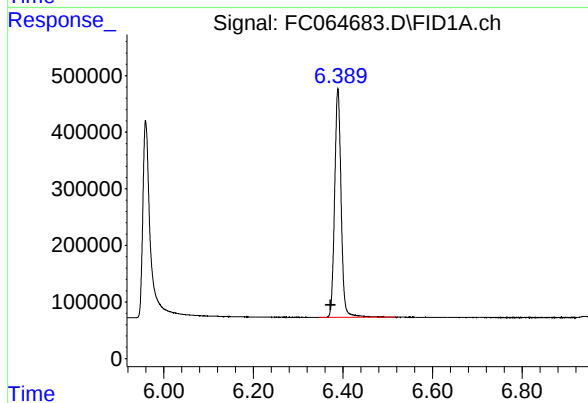
#2 n-Decane (C10)

R.T.: 4.379 min
Delta R.T.: 0.017 min
Response: 3999753
Conc: 22.26 ug/ml



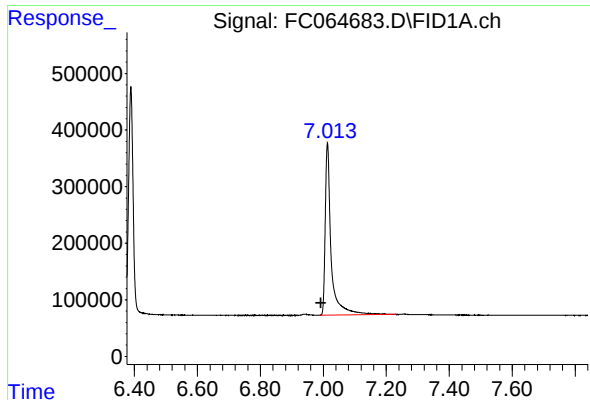
#3 A~Naphthalene (C11.7)

R.T.: 5.959 min
Delta R.T.: 0.021 min
Response: 4208965
Conc: 22.40 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.389 min
Delta R.T.: 0.016 min
Response: 4060620
Conc: 22.36 ug/ml



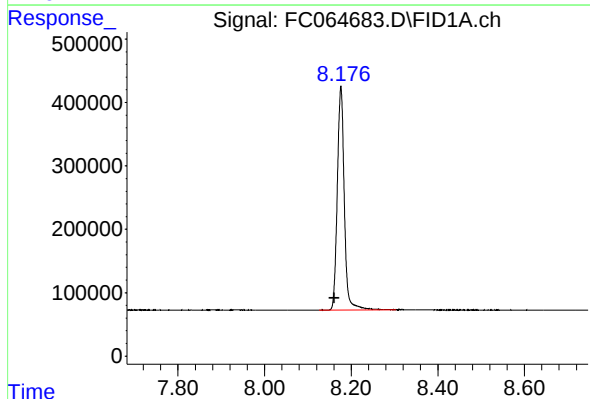
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.013 min
Delta R.T.: 0.020 min
Response: 4026374
Conc: 22.58 ug/ml

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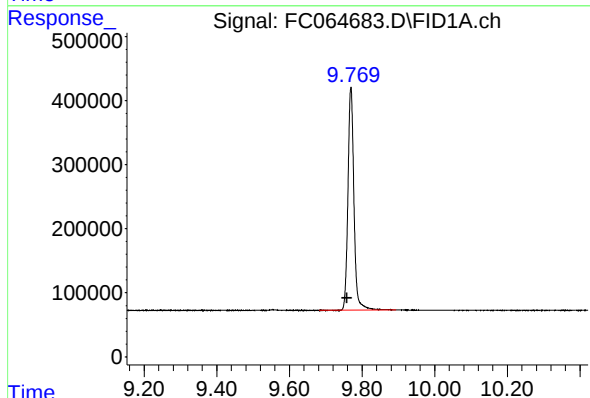
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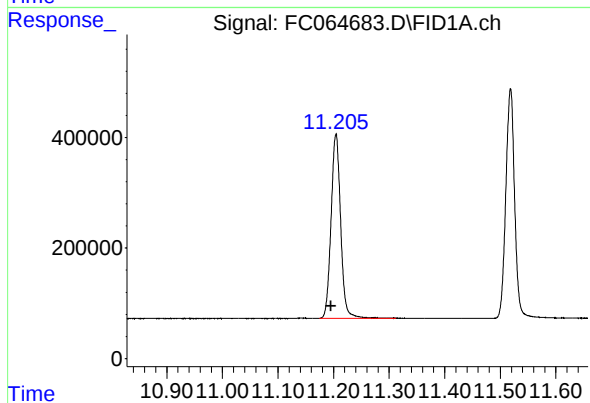
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: 0.015 min
Response: 3955573
Conc: 22.29 ug/ml



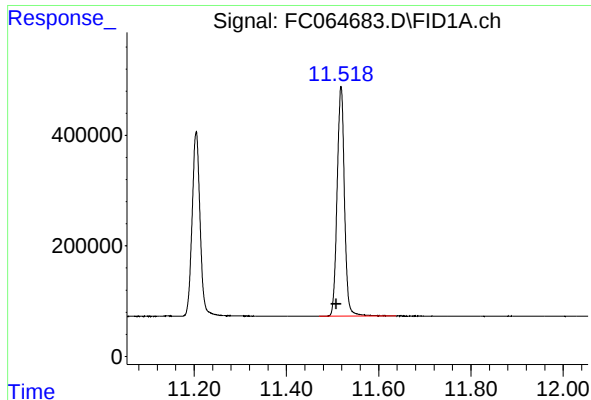
#7 n-Hexadecane (C16)

R.T.: 9.769 min
Delta R.T.: 0.011 min
Response: 3982888
Conc: 22.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.204 min
Delta R.T.: 0.009 min
Response: 3993910
Conc: 22.06 ug/ml



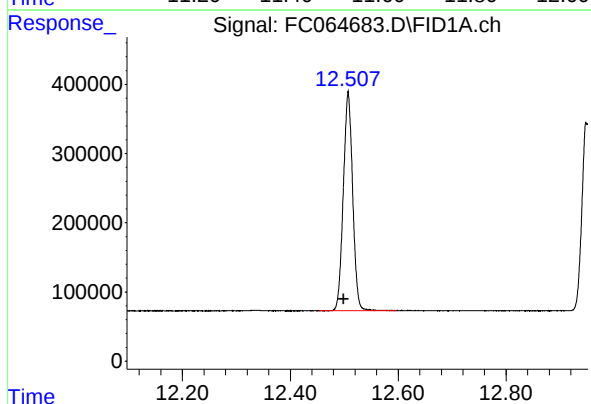
#9 ortho-Terphenyl (SURR)

R.T.: 11.519 min
Delta R.T.: 0.010 min
Response: 4612247
Conc: 22.79 ug/ml

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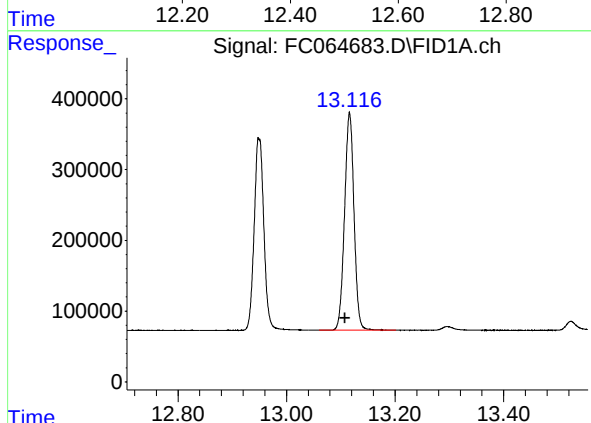
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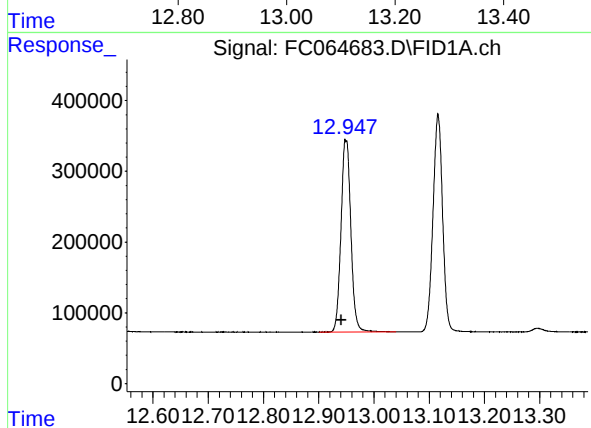
#10 n-Eicosane (C20)

R.T.: 12.507 min
Delta R.T.: 0.008 min
Response: 3809523
Conc: 22.36 ug/ml



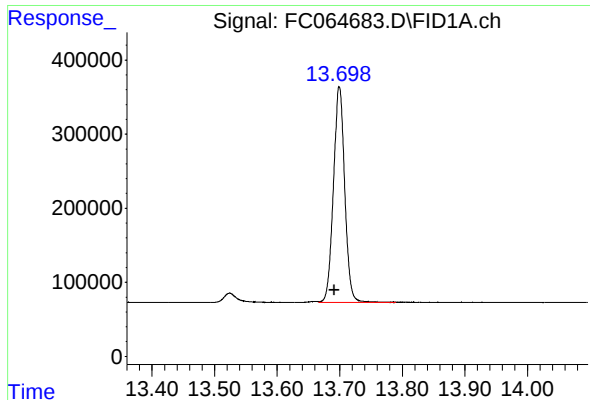
#11 n-Heneicosane (C21)

R.T.: 13.116 min
Delta R.T.: 0.008 min
Response: 3710317
Conc: 22.40 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.949 min
Delta R.T.: 0.009 min
Response: 3366788
Conc: 23.11 ug/ml



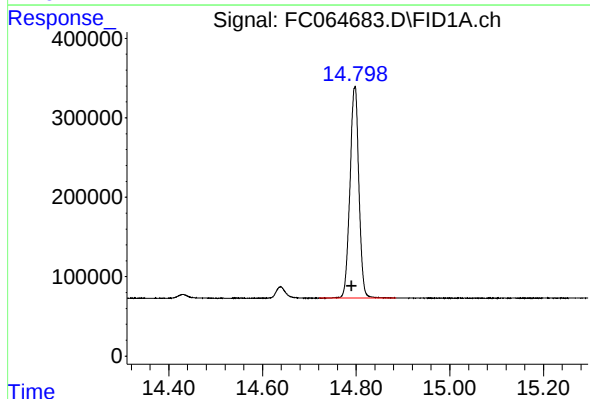
#13 n-Docosane (C22)

R.T.: 13.699 min
Delta R.T.: 0.008 min
Response: 3647333
Conc: 22.39 ug/ml

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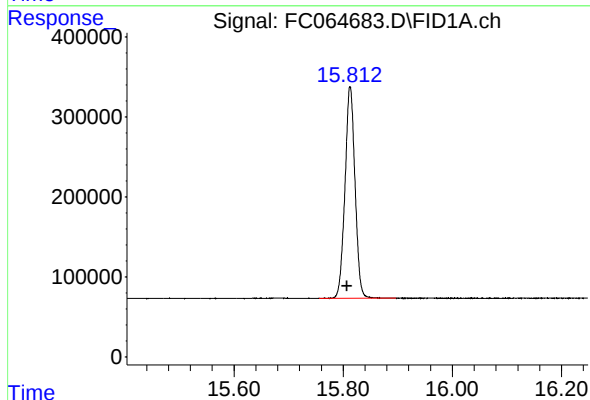
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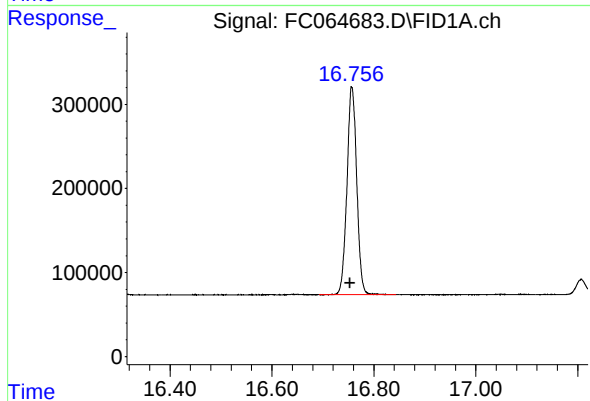
#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: 0.007 min
Response: 3531963
Conc: 22.25 ug/ml



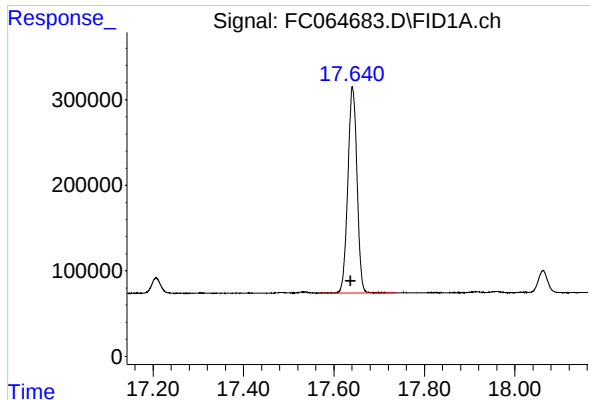
#15 n-Hexacosane (C26)

R.T.: 15.813 min
Delta R.T.: 0.006 min
Response: 3382661
Conc: 22.16 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.757 min
Delta R.T.: 0.003 min
Response: 3302741
Conc: 22.32 ug/ml



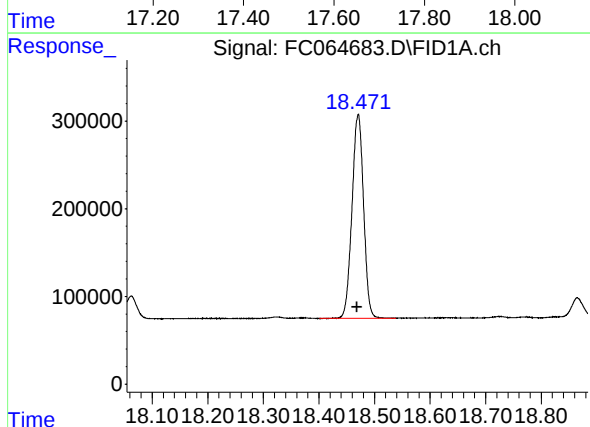
#17 n-Tricontane (C30)

R.T.: 17.641 min
Delta R.T.: 0.004 min
Response: 3392442
Conc: 22.84 ug/ml

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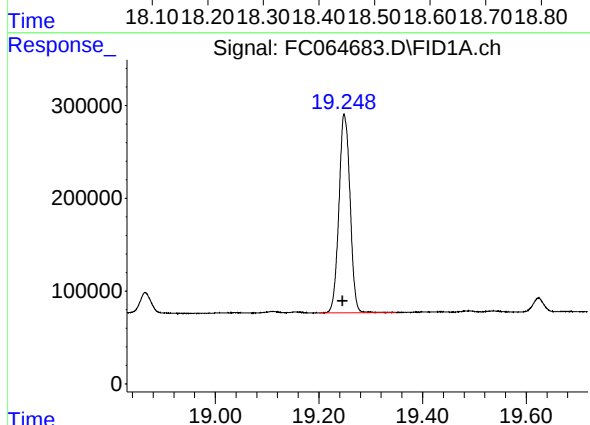
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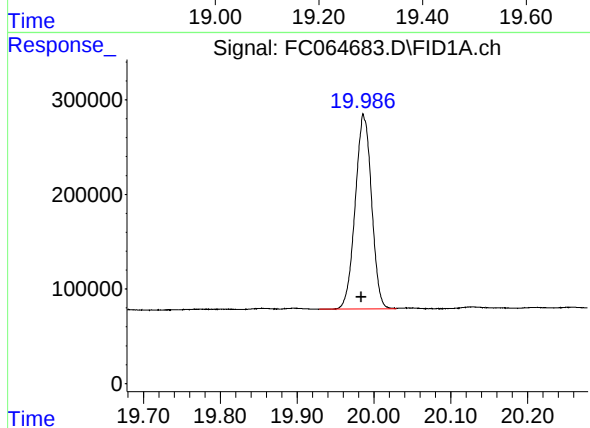
#18 n-Dotriacontane (C32)

R.T.: 18.471 min
Delta R.T.: 0.003 min
Response: 3372311
Conc: 23.11 ug/ml



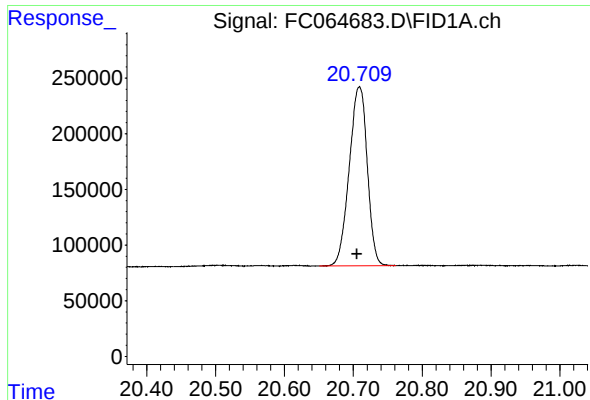
#19 n-Tetratriacontane (C34)

R.T.: 19.249 min
Delta R.T.: 0.003 min
Response: 3186028
Conc: 22.41 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.987 min
Delta R.T.: 0.003 min
Response: 3039177
Conc: 22.07 ug/ml



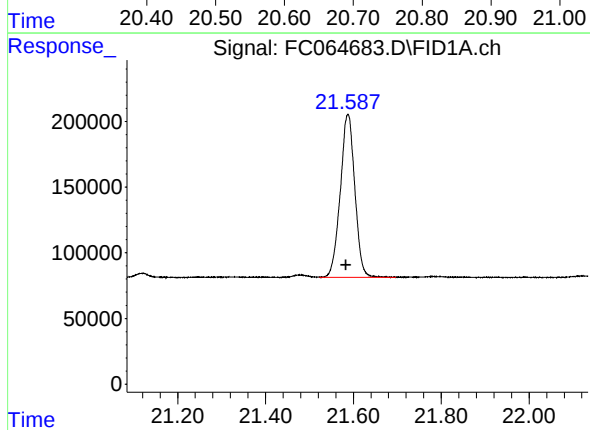
#21 n-Octatriacontane (C38)

R.T.: 20.709 min
Delta R.T.: 0.004 min
Response: 2924786
Conc: 21.34 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.588 min
Delta R.T.: 0.004 min
Response: 2853942
Conc: 20.98 ug/ml