

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F122623AL\
 Data File : FC065520.D
 Signal(s) : FID1A.ch
 Acq On : 26 Dec 2023 12:39
 Operator : YP/AJ
 Sample : 05993-02MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 E8965C-S-002MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :Ankita Jodhani 12/28/2023

Integration File: autoint1.e
 Quant Time: Dec 26 22:24:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121823.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 18 12:39:13 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			
12) S 1-chlorooctadecane (S...	12.930	7038679	43.061 ug/ml
Spiked Amount 50.000		Recovery =	86.12%
Target Compounds			
1) T n-Nonane (C9)	3.302	21137141	106.300 ug/ml
2) T n-Decane (C10)	4.372	41609305	207.553 ug/mlm
4) T n-Dodecane (C12)	6.370	13566256	66.360 ug/mlm
6) T n-Tetradecane (C14)	8.157	11661766	58.213 ug/ml
7) T n-Hexadecane (C16)	9.752	12655684	63.224 ug/ml
8) T n-Octadecane (C18)	11.187	13469049	68.443 ug/ml
10) T n-Eicosane (C20)	12.491	13470387	71.854 ug/ml
11) T n-Heneicosane (C21)	13.099	12831289	70.350 ug/ml
13) T n-Docosane (C22)	13.683	12632043	70.013 ug/ml
14) T n-Tetracosane (C24)	14.780	12123053	67.293 ug/ml
15) T n-Hexacosane (C26)	15.795	11648086	67.242 ug/ml
16) T n-Octacosane (C28)	16.742	11180401	65.192 ug/ml
17) T n-Tricontane (C30)	17.626	11059332	63.145 ug/ml
18) T n-Dotriacontane (C32)	18.454	10770544	61.747 ug/ml
19) T n-Tetratriacontane (C34)	19.234	10600285	64.064 ug/ml
20) T n-Hexatriacontane (C36)	19.968	10183244	63.072 ug/mlm
21) T n-Octatriacontane (C38)	20.688	10098446	63.673 ug/ml
22) T n-Tetracontane (C40)	21.561	9928692	62.334 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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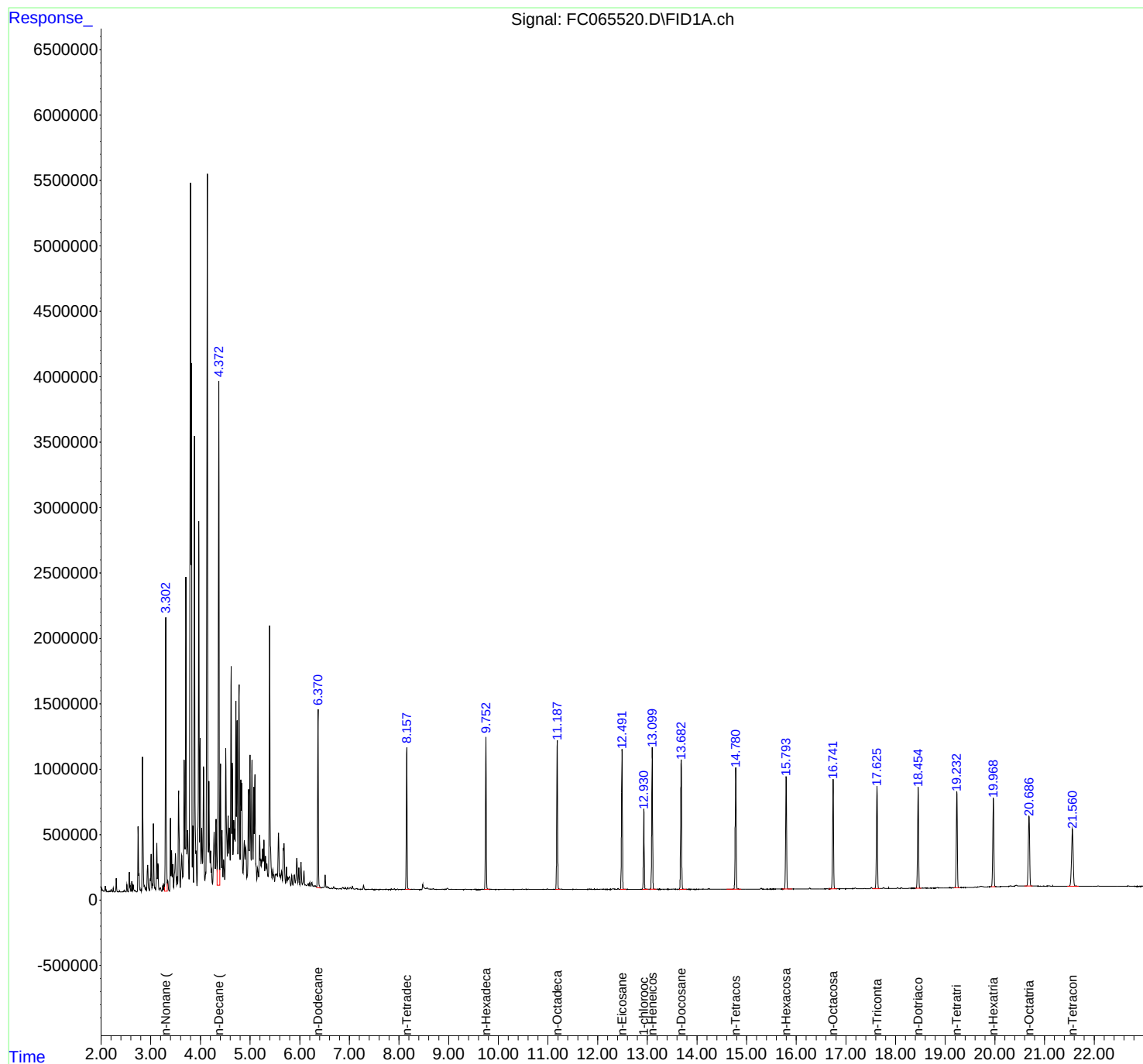
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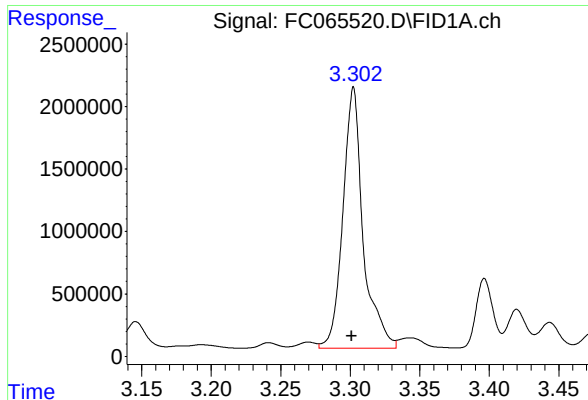
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.302 min
Delta R.T.: 0.001 min
Response: 21137141
Conc: 106.30 ug/ml

Instrument :

FID_C

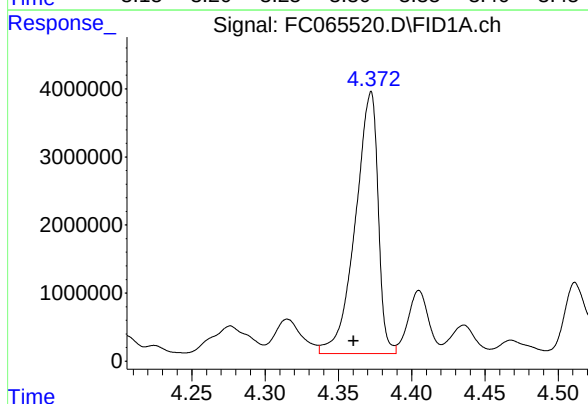
ClientSampleId :

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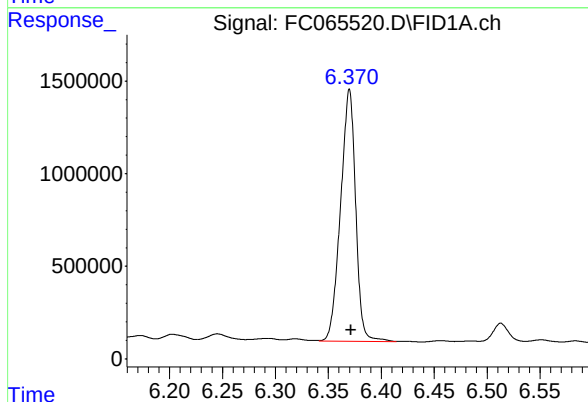
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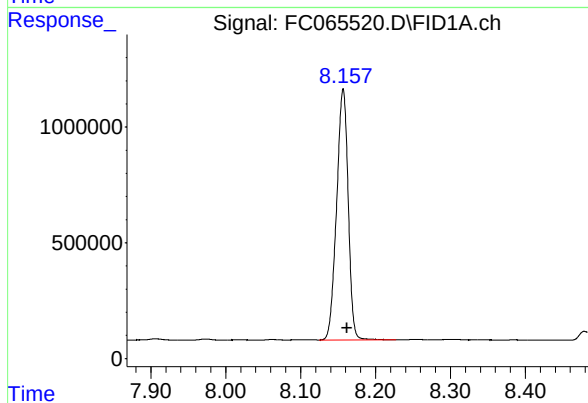
#2 n-Decane (C10)

R.T.: 4.372 min
Delta R.T.: 0.012 min
Response: 41609305
Conc: 207.55 ug/ml m



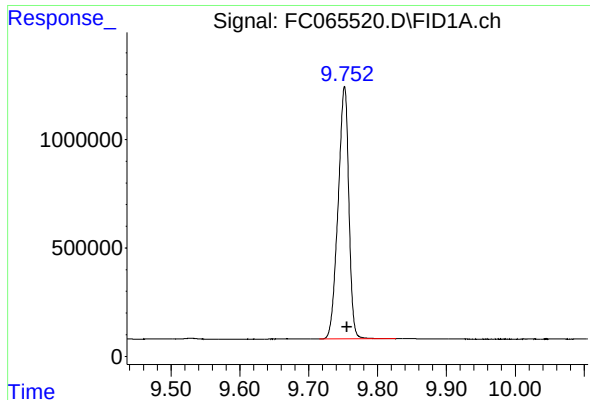
#4 n-Dodecane (C12)

R.T.: 6.370 min
Delta R.T.: -0.002 min
Response: 13566256
Conc: 66.36 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.157 min
Delta R.T.: -0.005 min
Response: 11661766
Conc: 58.21 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: -0.004 min
Response: 12655684
Conc: 63.22 ug/ml

Instrument :

FID_C

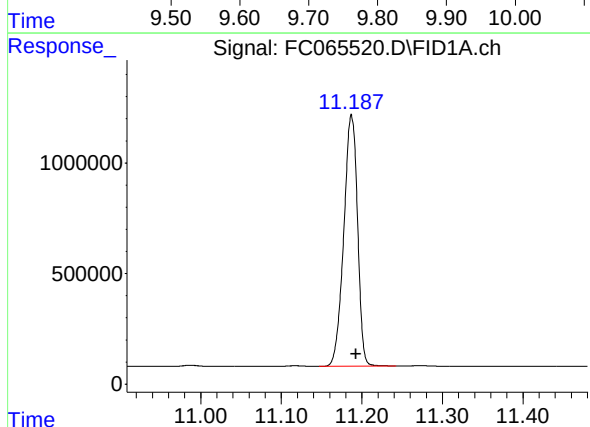
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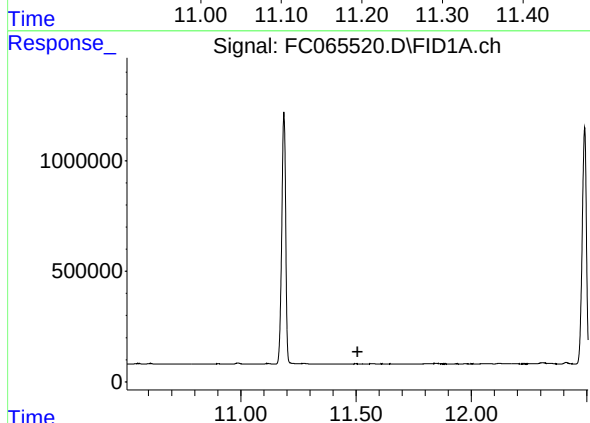
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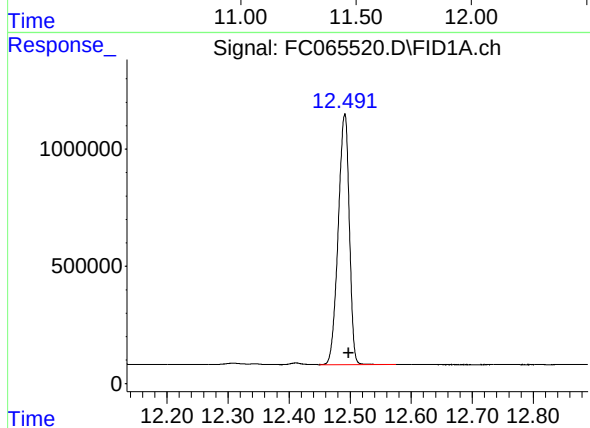
#8 n-Octadecane (C18)

R.T.: 11.187 min
Delta R.T.: -0.006 min
Response: 13469049
Conc: 68.44 ug/ml



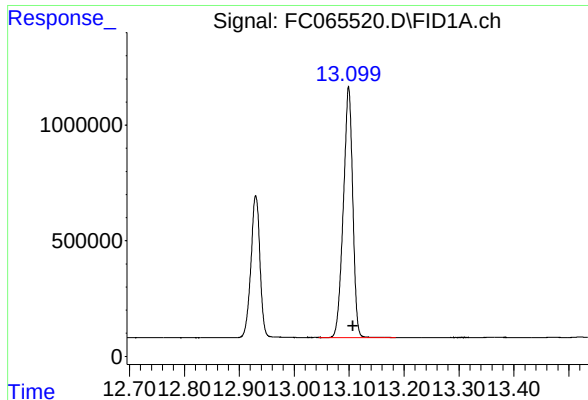
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.506 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.491 min
Delta R.T.: -0.006 min
Response: 13470387
Conc: 71.85 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.099 min
Delta R.T.: -0.008 min
Response: 12831289
Conc: 70.35 ug/ml

Instrument :

FID_C

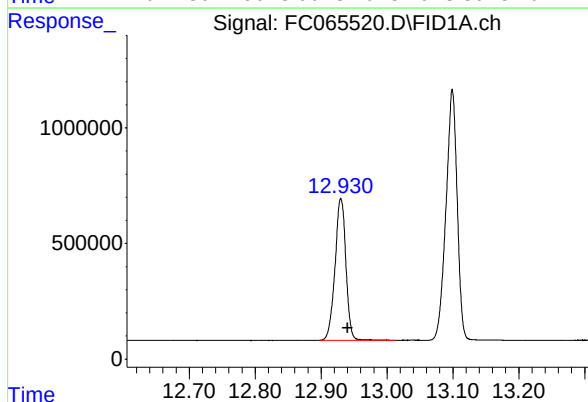
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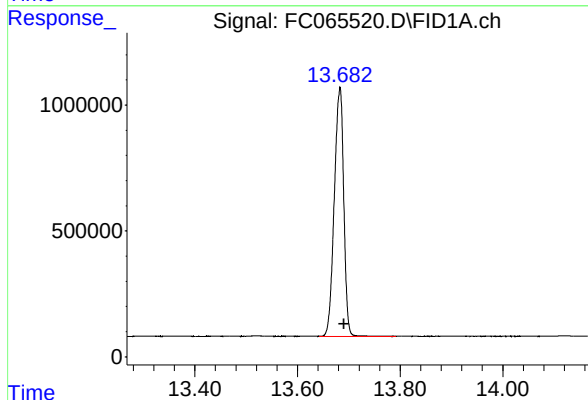
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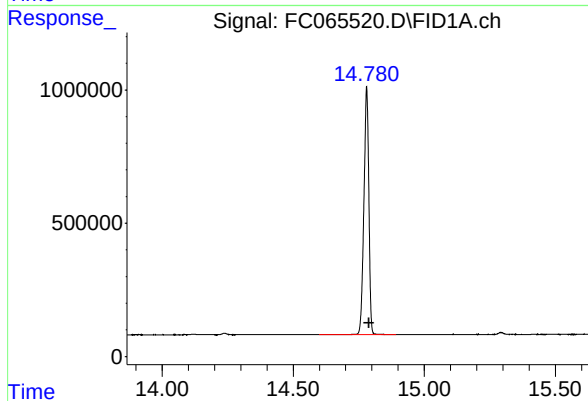
#12 1-chlorooctadecane (SURR)

R.T.: 12.930 min
Delta R.T.: -0.010 min
Response: 7038679
Conc: 43.06 ug/ml



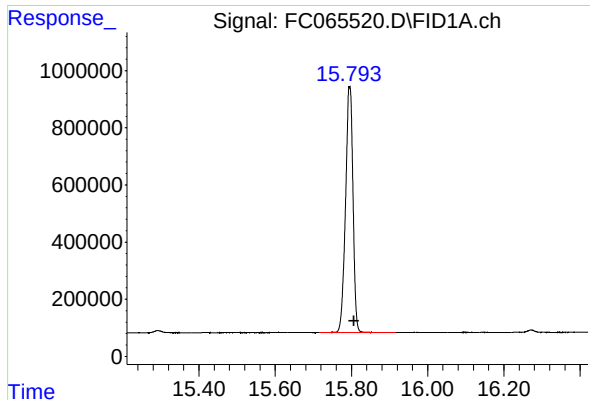
#13 n-Docosane (C22)

R.T.: 13.683 min
Delta R.T.: -0.008 min
Response: 12632043
Conc: 70.01 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.780 min
Delta R.T.: -0.009 min
Response: 12123053
Conc: 67.29 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.795 min
Delta R.T.: -0.011 min
Response: 11648086
Conc: 67.24 ug/ml

Instrument :

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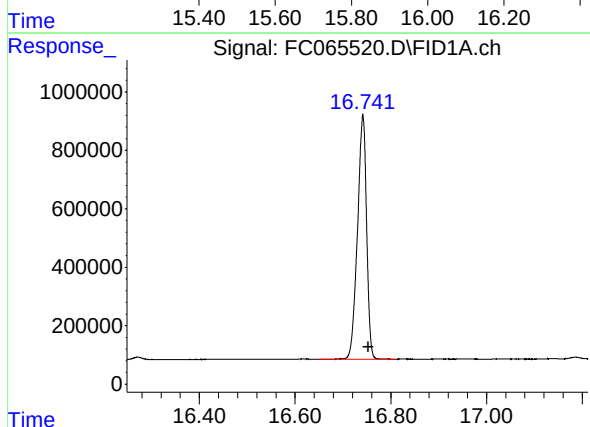
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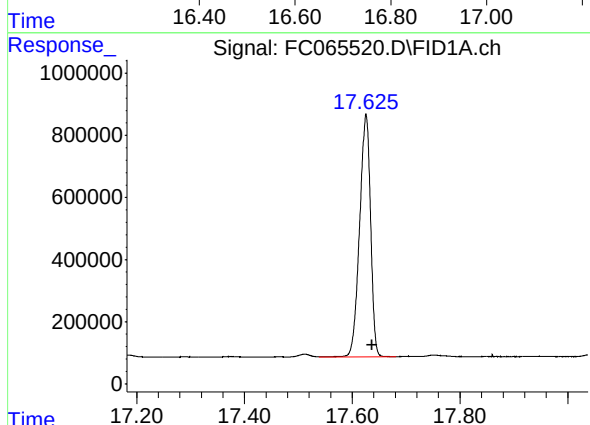
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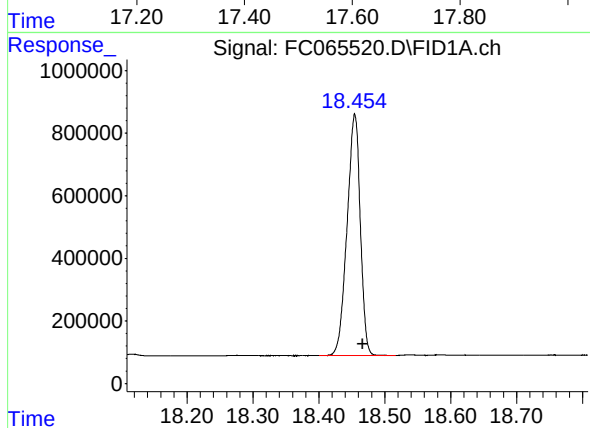
#16 n-Octacosane (C28)

R.T.: 16.742 min
Delta R.T.: -0.011 min
Response: 11180401
Conc: 65.19 ug/ml



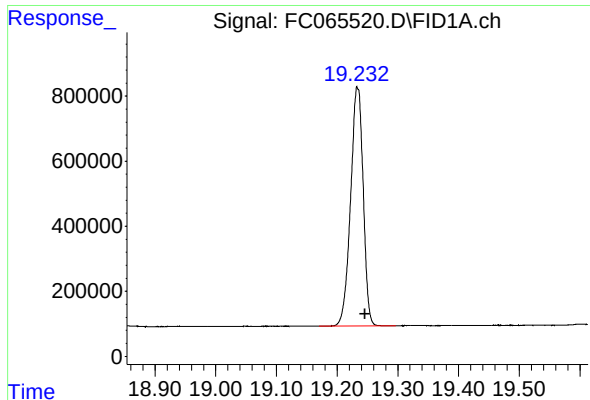
#17 n-Tricontane (C30)

R.T.: 17.626 min
Delta R.T.: -0.011 min
Response: 11059332
Conc: 63.14 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.454 min
Delta R.T.: -0.012 min
Response: 10770544
Conc: 61.75 ug/ml



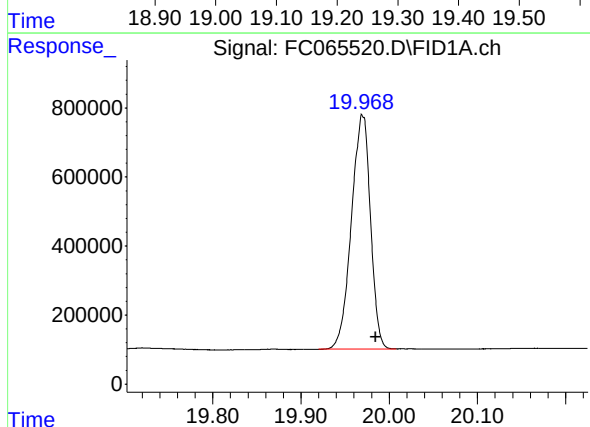
#19 n-Tetratriacontane (C34)

R.T.: 19.234 min
Delta R.T.: -0.012 min
Response: 10600285
Conc: 64.06 ug/ml

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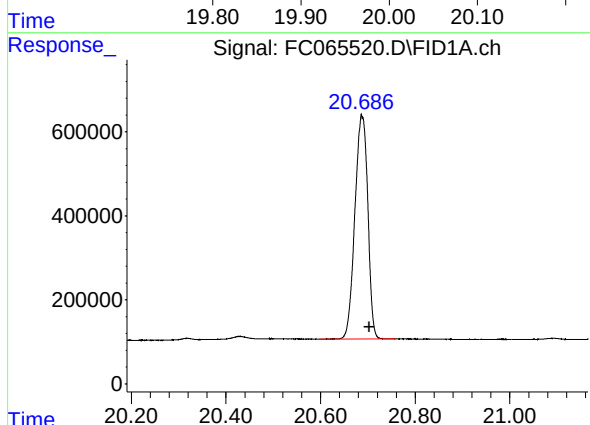
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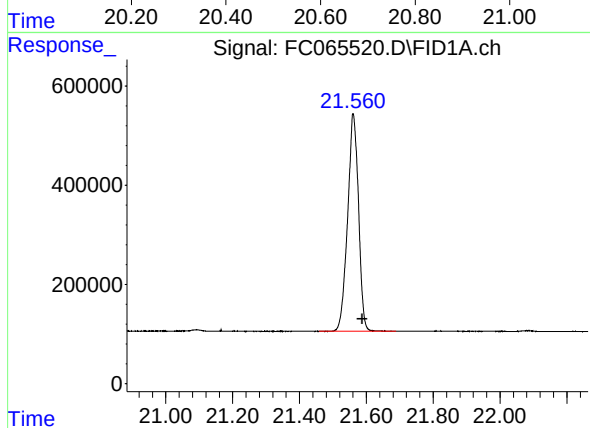
#20 n-Hexatriacontane (C36)

R.T.: 19.968 min
Delta R.T.: -0.016 min
Response: 10183244
Conc: 63.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.688 min
Delta R.T.: -0.015 min
Response: 10098446
Conc: 63.67 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.561 min
Delta R.T.: -0.027 min
Response: 9928692
Conc: 62.33 ug/ml