

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090523AL\
 Data File : FC064498.D
 Signal(s) : FID1A.ch
 Acq On : 05 Sep 2023 16:29
 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 09/06/2023
 Supervised By :Ankita Jodhani 09/06/2023

Integration File: autoint1.e
 Quant Time: Sep 06 00:18:43 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	3964375	18.673 ug/ml
Spiked Amount 50.000		Recovery =	37.35%
12) S 1-chlorooctadecane (S...	12.947	2891461	18.964 ug/ml
Spiked Amount 50.000		Recovery =	37.93%
Target Compounds			
1) T n-Nonane (C9)	3.301	3368802	19.087 ug/ml
2) T n-Decane (C10)	4.363	3445464	19.641 ug/ml
3) T A~Naphthalene (C11.7)	5.943	3674707	19.762 ug/ml
4) T n-Dodecane (C12)	6.376	3502135	19.648 ug/ml
5) T A~2-methylnaphthalene...	6.997	3573797	20.090 ug/ml
6) T n-Tetradecane (C14)	8.165	3432151	19.673 ug/ml
7) T n-Hexadecane (C16)	9.761	3440365	19.908 ug/ml
8) T n-Octadecane (C18)	11.199	3394181	19.387 ug/ml
10) T n-Eicosane (C20)	12.504	3227251	19.078 ug/ml
11) T n-Heneicosane (C21)	13.114	3145247	18.845 ug/ml
13) T n-Docosane (C22)	13.699	3081968	18.895 ug/ml
14) T n-Tetracosane (C24)	14.797	2971058	18.657 ug/ml
15) T n-Hexacosane (C26)	15.815	2851728	18.458 ug/ml
16) T n-Octacosane (C28)	16.761	2746692	18.553 ug/ml
17) T n-Tricontane (C30)	17.646	2754368	18.857 ug/ml
18) T n-Dotriacontane (C32)	18.476	2721137	19.264 ug/mlm
19) T n-Tetratriacontane (C34)	19.254	2634453	19.717 ug/mlm
20) T n-Hexatriacontane (C36)	19.992	2616745	20.450 ug/ml
21) T n-Octatriacontane (C38)	20.714	2596055	21.141 ug/ml
22) T n-Tetracontane (C40)	21.597	2550533	21.962 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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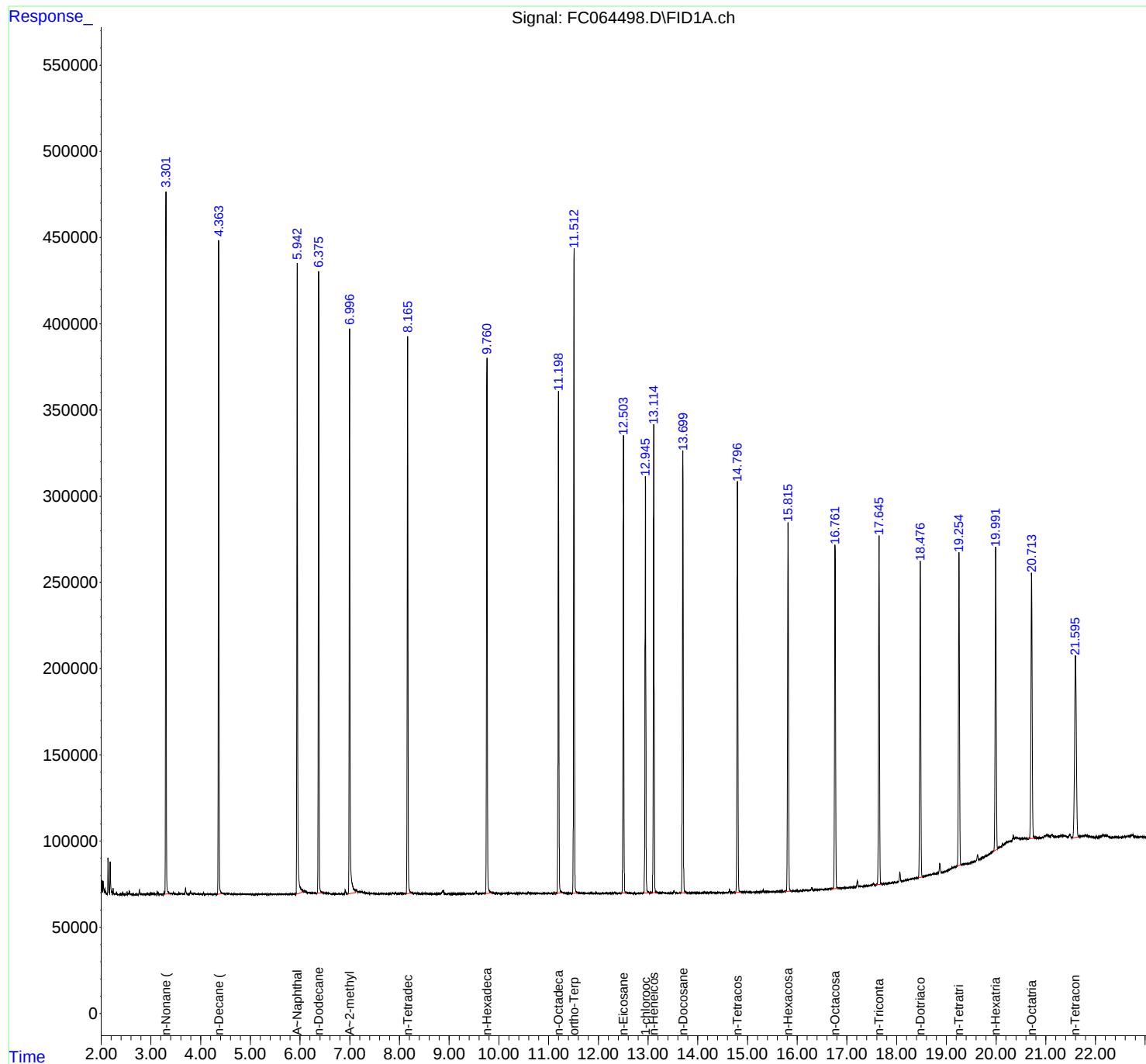
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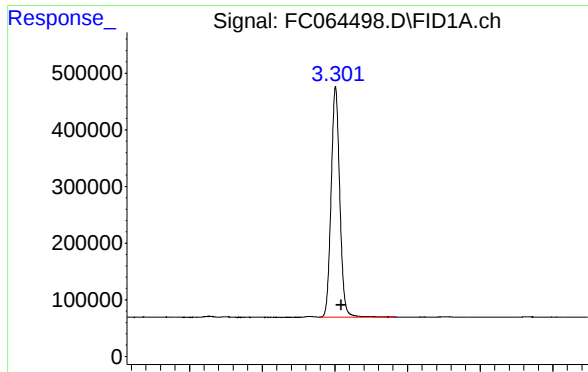
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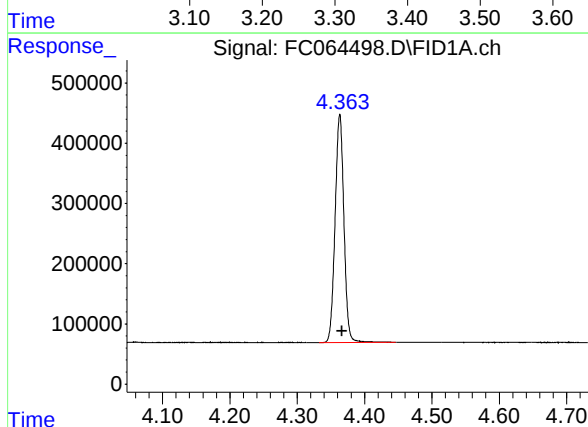
#1 n-Nonane (C9)

R.T.: 3.301 min
Delta R.T.: -0.008 min
Response: 3368802
Conc: 19.09 ug/ml

Instrument :
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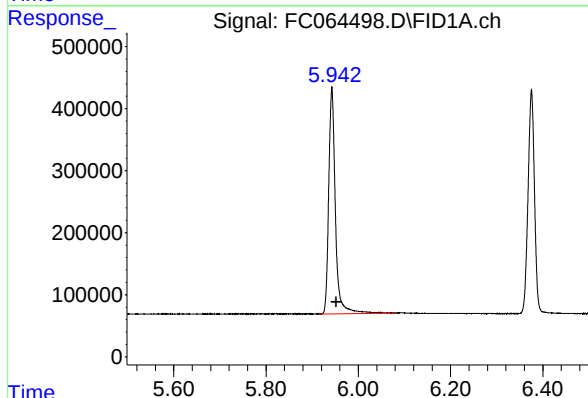
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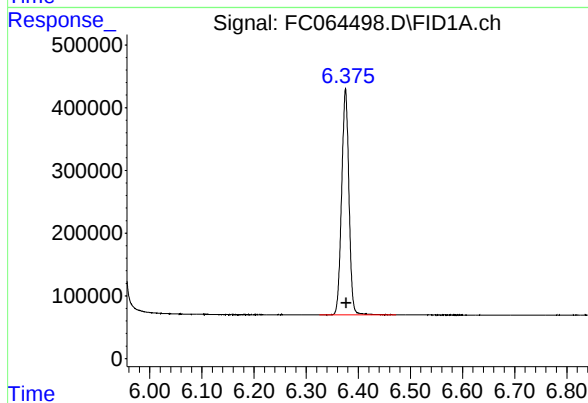
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: -0.003 min
Response: 3445464
Conc: 19.64 ug/ml



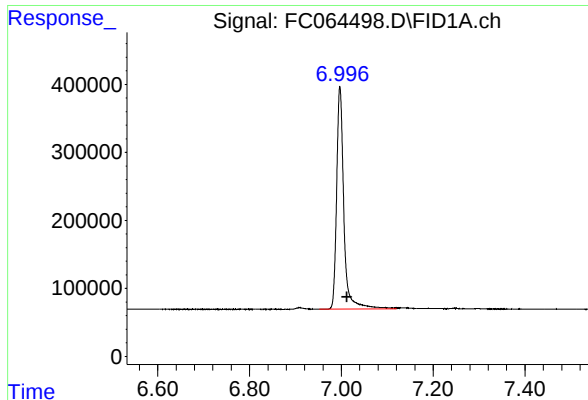
#3 A~Naphthalene (C11.7)

R.T.: 5.943 min
Delta R.T.: -0.010 min
Response: 3674707
Conc: 19.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.376 min
Delta R.T.: -0.002 min
Response: 3502135
Conc: 19.65 ug/ml



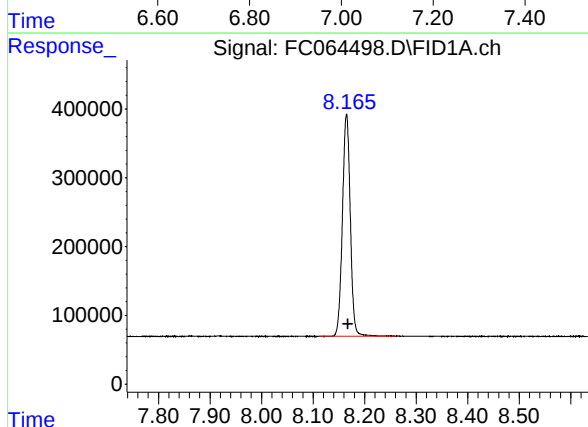
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.997 min
Delta R.T.: -0.015 min
Response: 3573797
Conc: 20.09 ug/ml

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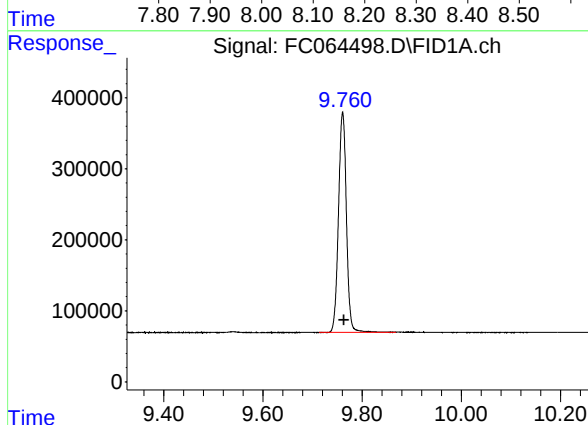
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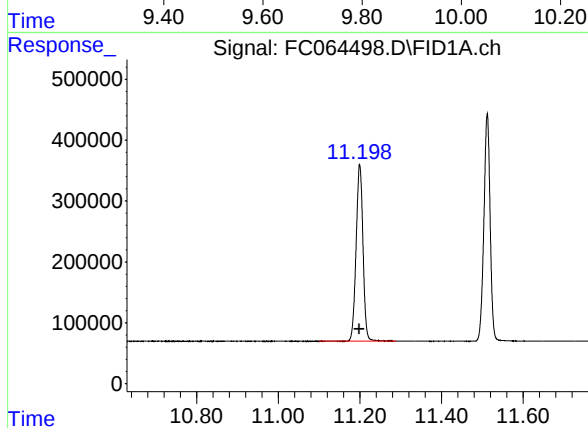
#6 n-Tetradecane (C14)

R.T.: 8.165 min
Delta R.T.: -0.002 min
Response: 3432151
Conc: 19.67 ug/ml



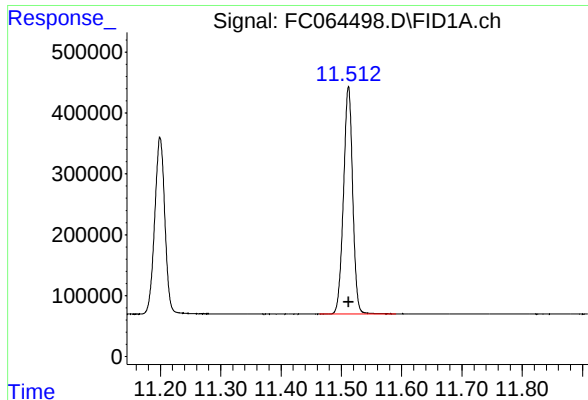
#7 n-Hexadecane (C16)

R.T.: 9.761 min
Delta R.T.: -0.002 min
Response: 3440365
Conc: 19.91 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.199 min
Delta R.T.: 0.000 min
Response: 3394181
Conc: 19.39 ug/ml



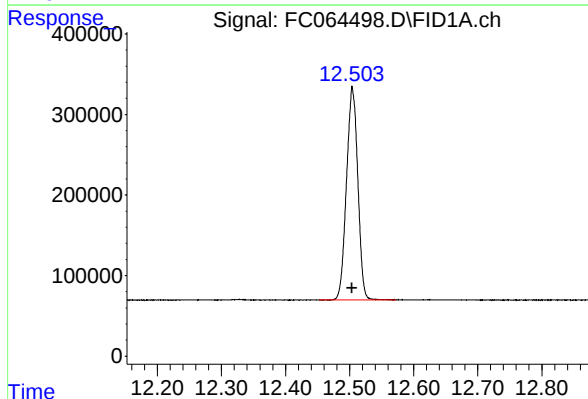
#9 ortho-Terphenyl (SURR)

R.T.: 11.512 min
Delta R.T.: 0.000 min
Response: 3964375
Conc: 18.67 ug/ml

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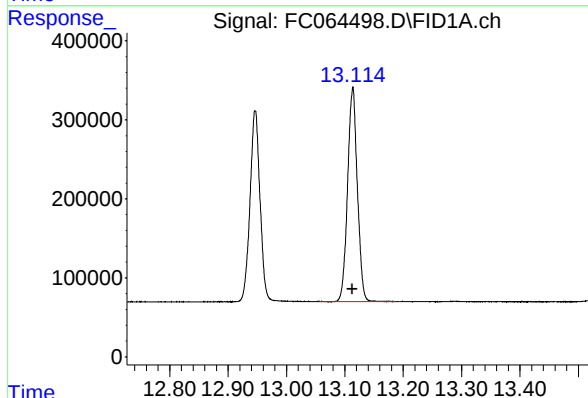
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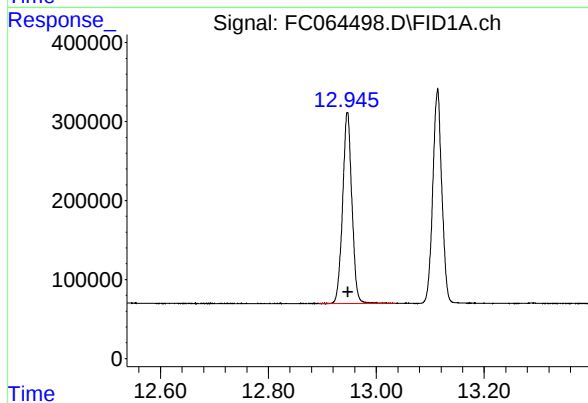
#10 n-Eicosane (C20)

R.T.: 12.504 min
Delta R.T.: 0.000 min
Response: 3227251
Conc: 19.08 ug/ml



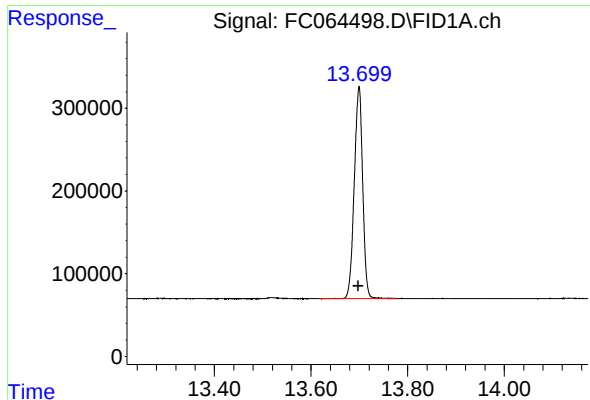
#11 n-Heneicosane (C21)

R.T.: 13.114 min
Delta R.T.: 0.000 min
Response: 3145247
Conc: 18.84 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.947 min
Delta R.T.: 0.000 min
Response: 2891461
Conc: 18.96 ug/ml



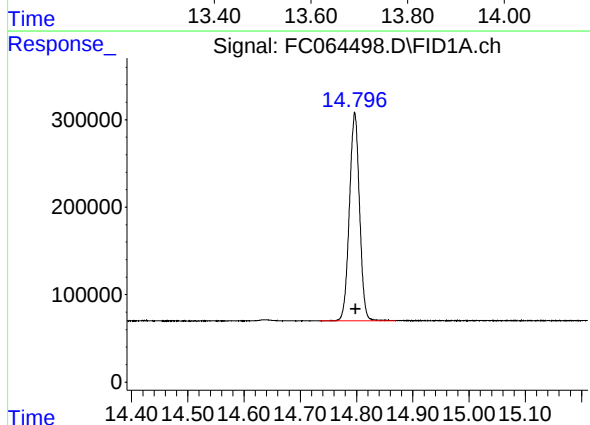
#13 n-Docosane (C22)

R.T.: 13.699 min
Delta R.T.: 0.001 min
Response: 3081968
Conc: 18.89 ug/ml

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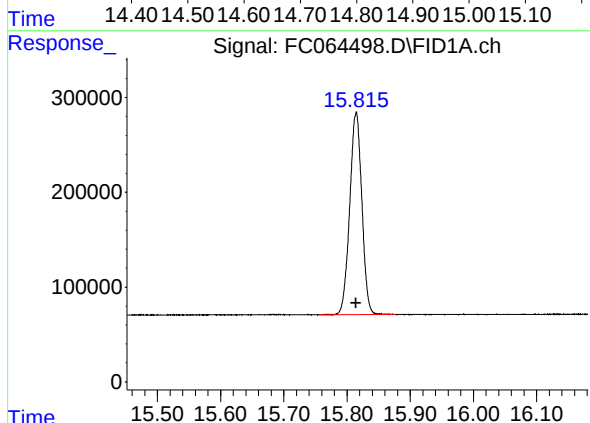
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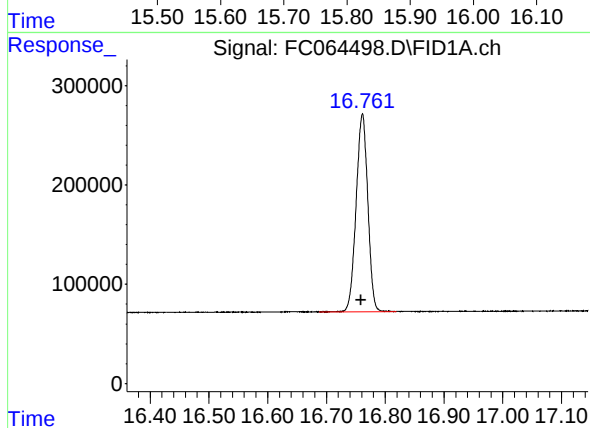
#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: -0.002 min
Response: 2971058
Conc: 18.66 ug/ml



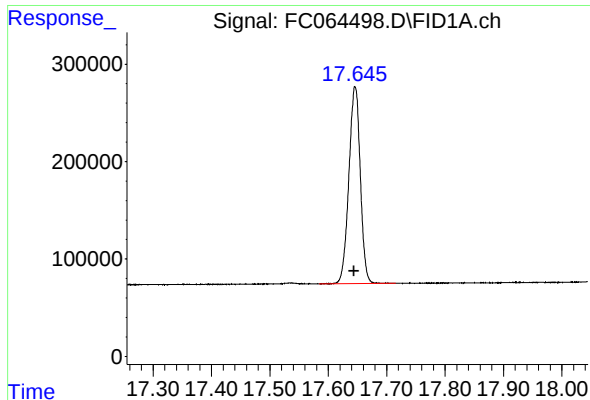
#15 n-Hexacosane (C26)

R.T.: 15.815 min
Delta R.T.: 0.000 min
Response: 2851728
Conc: 18.46 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.761 min
Delta R.T.: 0.002 min
Response: 2746692
Conc: 18.55 ug/ml



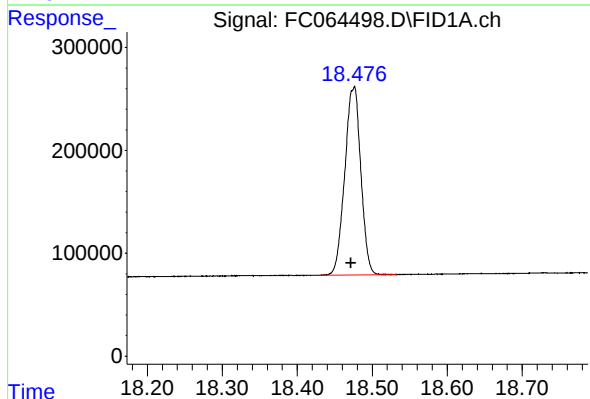
#17 n-Tricontane (C30)

R.T.: 17.646 min
Delta R.T.: 0.002 min
Response: 2754368
Conc: 18.86 ug/ml

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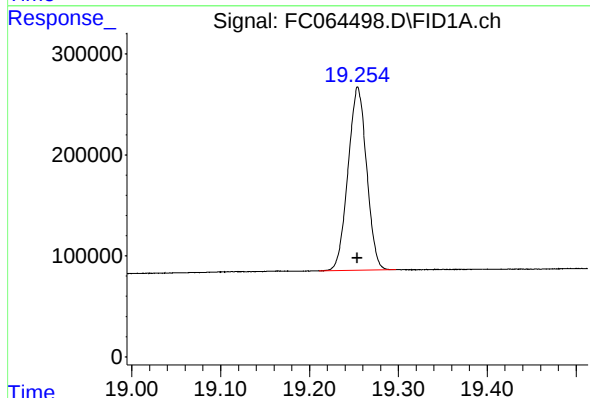
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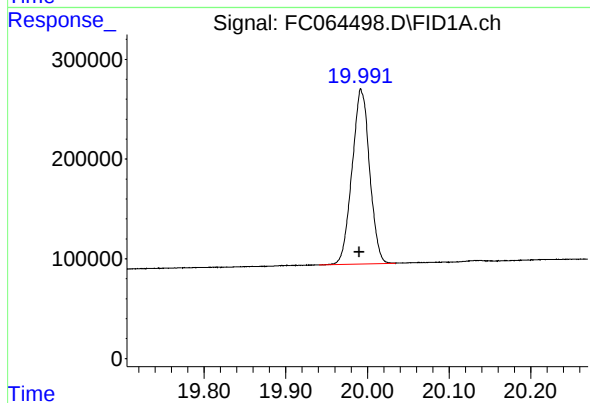
#18 n-Dotriacontane (C32)

R.T.: 18.476 min
Delta R.T.: 0.004 min
Response: 2721137
Conc: 19.26 ug/ml m



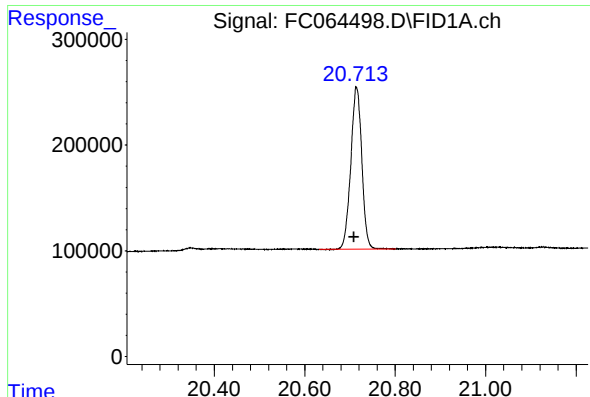
#19 n-Tetratriacontane (C34)

R.T.: 19.254 min
Delta R.T.: 0.000 min
Response: 2634453
Conc: 19.72 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.992 min
Delta R.T.: 0.002 min
Response: 2616745
Conc: 20.45 ug/ml



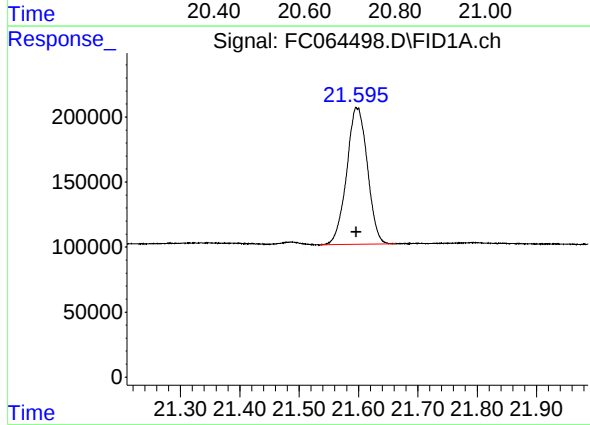
#21 n-Octatriacontane (C38)

R.T.: 20.714 min
Delta R.T.: 0.006 min
Response: 2596055
Conc: 21.14 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.597 min
Delta R.T.: 0.000 min
Response: 2550533
Conc: 21.96 ug/ml