

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG081023AL\
 Data File : FG012670.D
 Signal(s) : FID1A.ch
 Acq On : 10 Aug 2023 16:41
 Operator : YP\AJ
 Sample : 03572-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-SOIL-02-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/11/2023
 Supervised By :Ankita Jodhani 08/11/2023

Integration File: autoint1.e
 Quant Time: Aug 10 23:13:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 15:32:13 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...	13.425	4994168	47.881 ug/ml
Spiked Amount 50.000		Recovery =	95.76%
Target Compounds			
1) T n-Nonane (C9)	3.345	510372	4.913 ug/ml
2) T n-Decane (C10)	4.597	503506	4.800 ug/ml
4) T n-Dodecane (C12)	6.768	521077	4.878 ug/ml
6) T n-Tetradecane (C14)	8.601	534558	4.975 ug/ml
7) T n-Hexadecane (C16)	10.213	543868	4.999 ug/ml
8) T n-Octadecane (C18)	11.662	574437	5.207 ug/ml
10) T n-Eicosane (C20)	12.975	557565	5.053 ug/ml
11) T n-Heneicosane (C21)	13.589	559995	5.074 ug/ml
13) T n-Docosane (C22)	14.177	555519	5.074 ug/ml
14) T n-Tetracosane (C24)	15.282	552572	5.121 ug/ml
15) T n-Hexacosane (C26)	16.306	539822	5.140 ug/ml
16) T n-Octacosane (C28)	17.256	529965	5.235 ug/ml
17) T n-Tricontane (C30)	18.146	530948	5.330 ug/ml
18) T n-Dotriacontane (C32)	18.979	531100	5.373 ug/ml
19) T n-Tetratriacontane (C34)	19.762	491308	5.340 ug/ml
20) T n-Hexatriacontane (C36)	20.504	460805	5.133 ug/mlm
21) T n-Octatriacontane (C38)	21.262	418854	4.932 ug/ml
22) T n-Tetracontane (C40)	22.211	406835	4.984 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : 03572-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

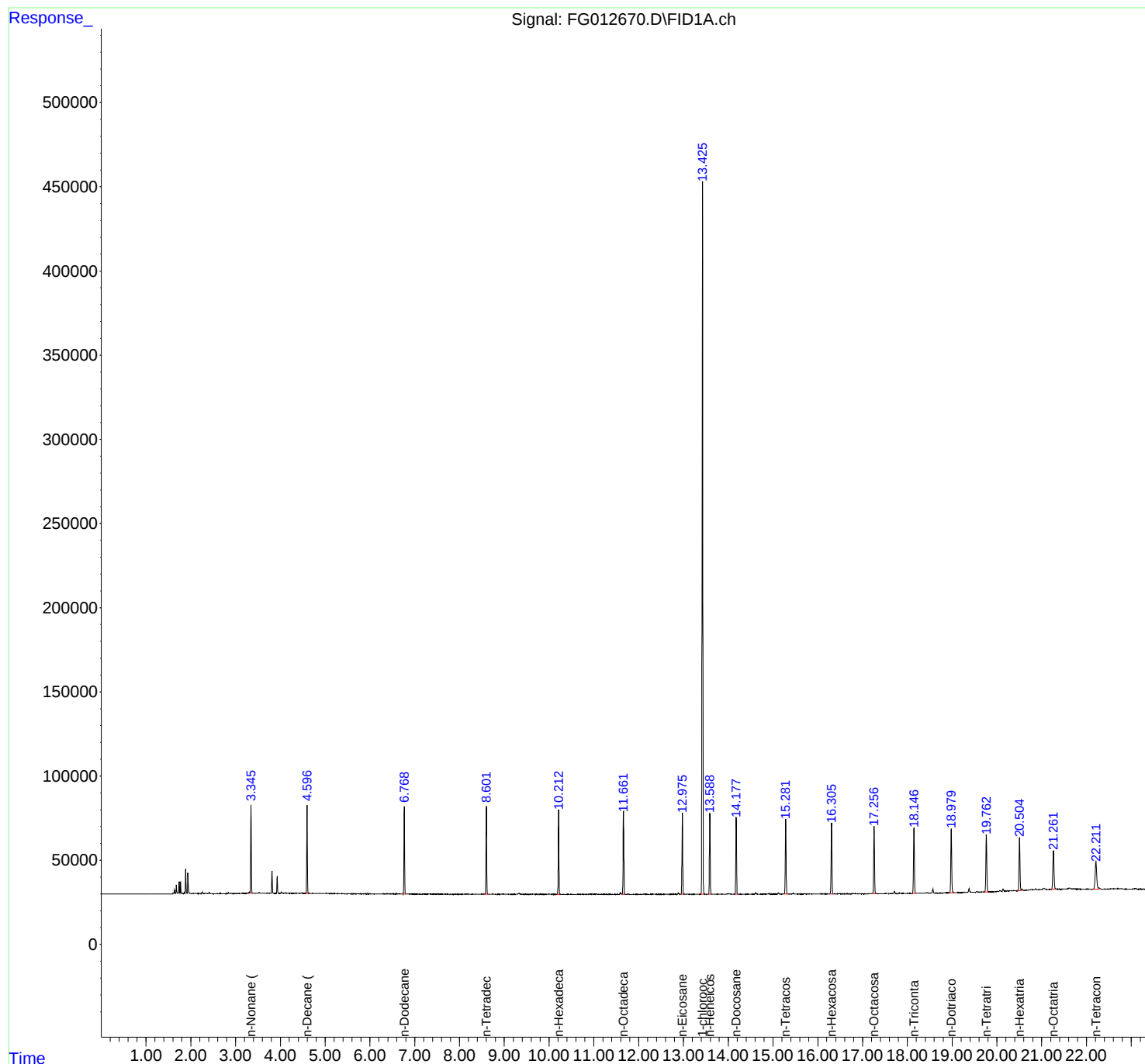
Instrument :
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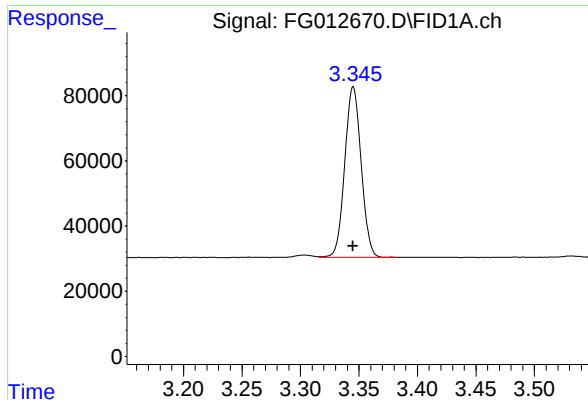
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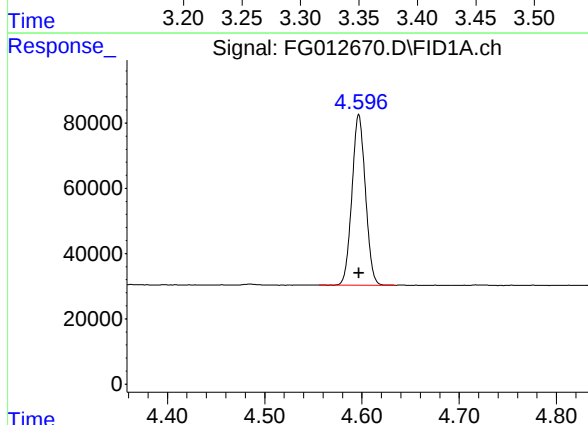
#1 n-Nonane (C9)

R.T.: 3.345 min
Delta R.T.: 0.000 min
Response: 510372
Conc: 4.91 ug/ml

Instrument :
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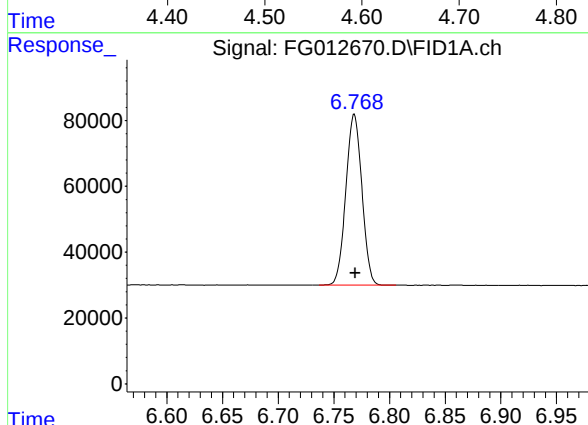
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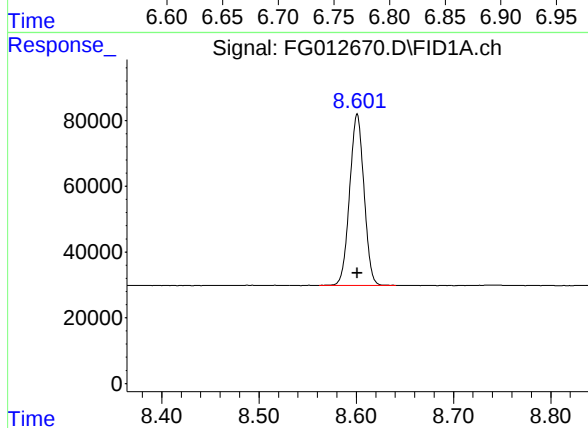
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 503506
Conc: 4.80 ug/ml



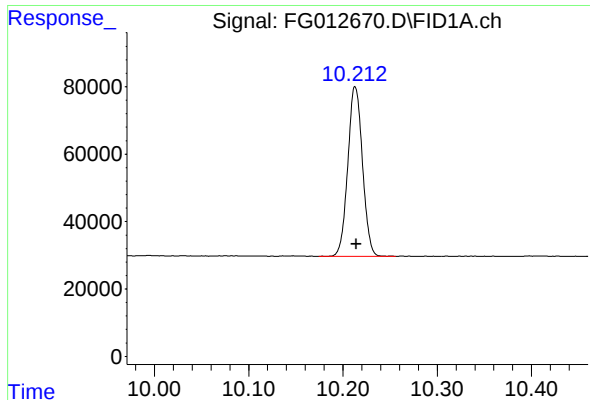
#4 n-Dodecane (C12)

R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 521077
Conc: 4.88 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: 0.000 min
Response: 534558
Conc: 4.98 ug/ml



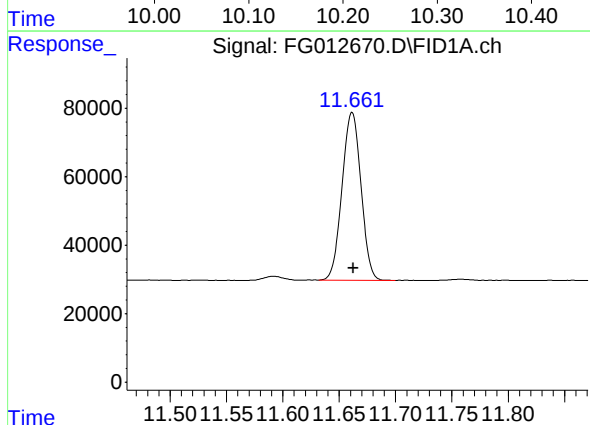
#7 n-Hexadecane (C16)

R.T.: 10.213 min
Delta R.T.: -0.001 min
Response: 543868
Conc: 5.00 ug/ml

Instrument :
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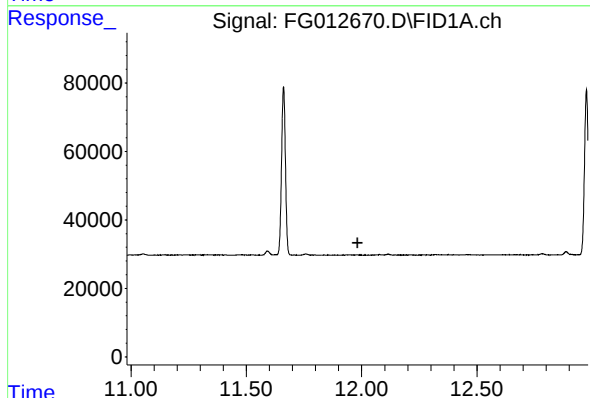
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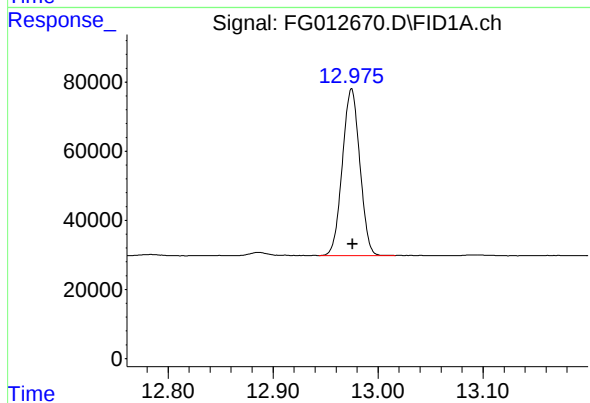
#8 n-Octadecane (C18)

R.T.: 11.662 min
Delta R.T.: -0.001 min
Response: 574437
Conc: 5.21 ug/ml



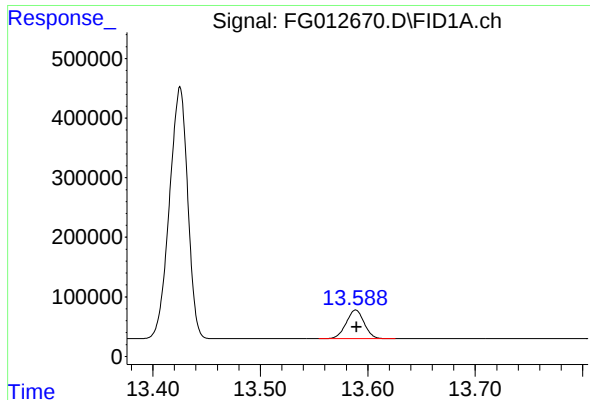
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.982 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.975 min
Delta R.T.: -0.001 min
Response: 557565
Conc: 5.05 ug/ml



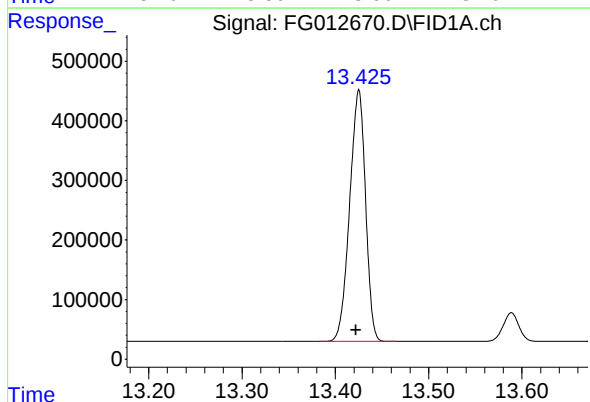
#11 n-Heneicosane (C21)

R.T.: 13.589 min
Delta R.T.: 0.000 min
Response: 559995
Conc: 5.07 ug/ml

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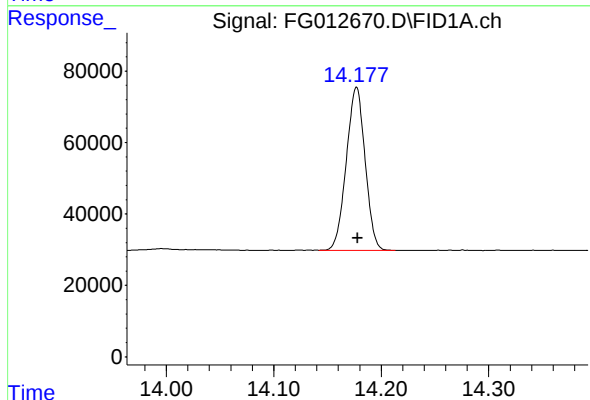
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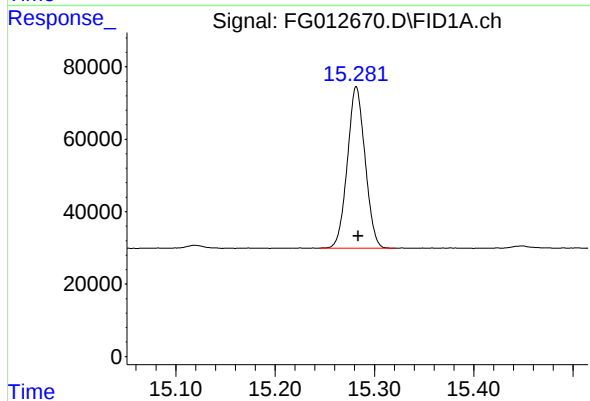
#12 1-chlorooctadecane (SURR)

R.T.: 13.425 min
Delta R.T.: 0.003 min
Response: 4994168
Conc: 47.88 ug/ml



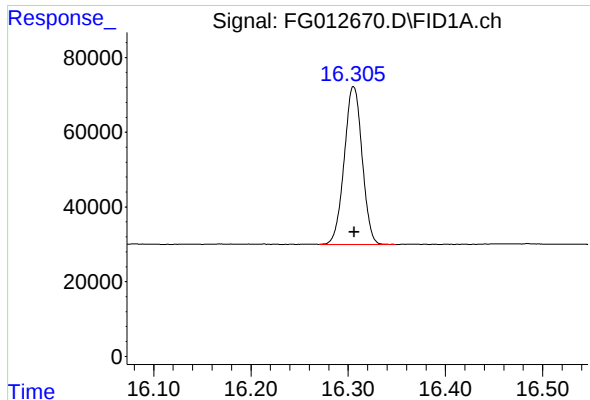
#13 n-Docosane (C22)

R.T.: 14.177 min
Delta R.T.: 0.000 min
Response: 555519
Conc: 5.07 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.282 min
Delta R.T.: -0.002 min
Response: 552572
Conc: 5.12 ug/ml



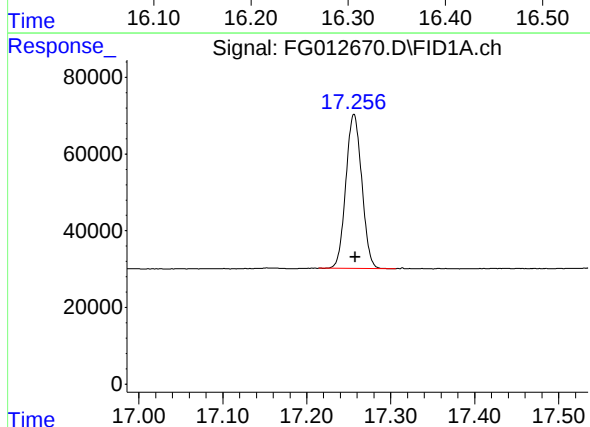
#15 n-Hexacosane (C26)

R.T.: 16.306 min
Delta R.T.: 0.000 min
Response: 539822
Conc: 5.14 ug/ml

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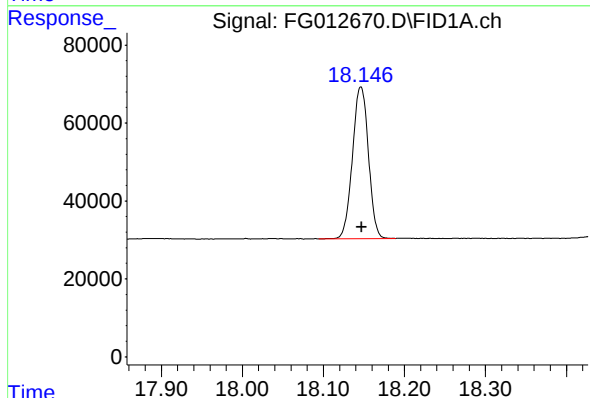
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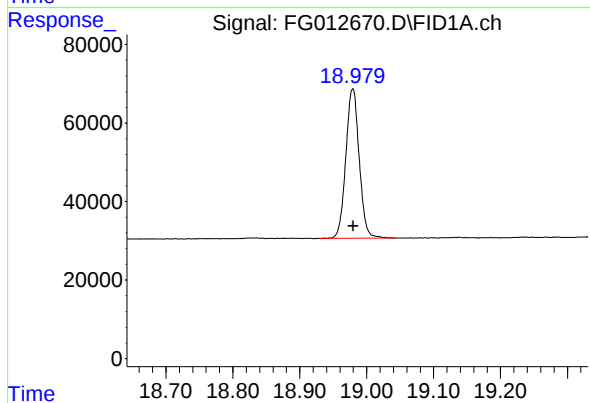
#16 n-Octacosane (C28)

R.T.: 17.256 min
Delta R.T.: -0.002 min
Response: 529965
Conc: 5.23 ug/ml



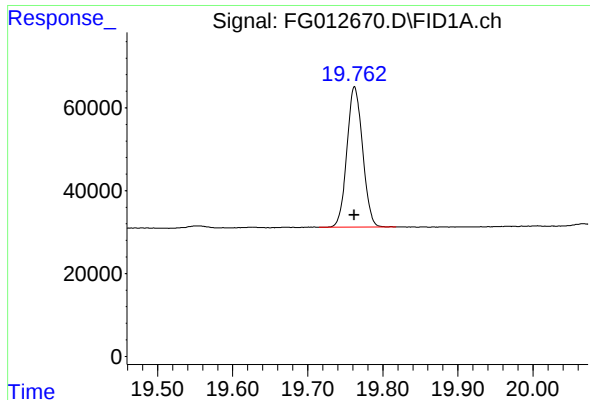
#17 n-Tricontane (C30)

R.T.: 18.146 min
Delta R.T.: 0.000 min
Response: 530948
Conc: 5.33 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.979 min
Delta R.T.: 0.000 min
Response: 531100
Conc: 5.37 ug/ml



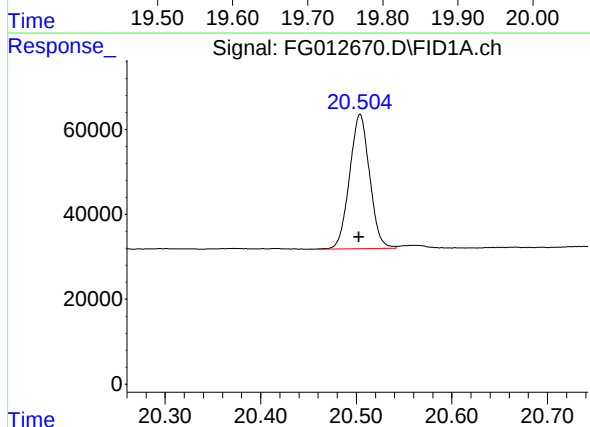
#19 n-Tetratriacontane (C34)

R.T.: 19.762 min
Delta R.T.: 0.000 min
Response: 491308
Conc: 5.34 ug/ml

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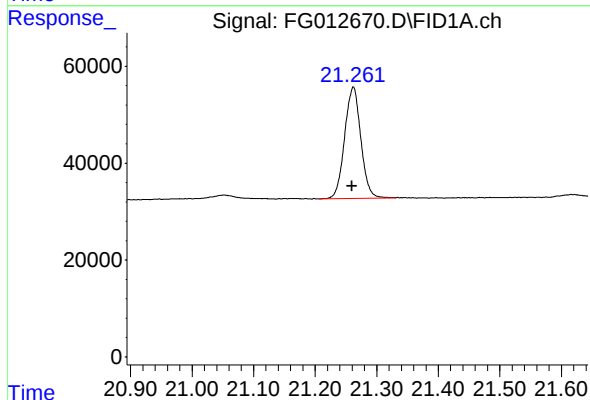
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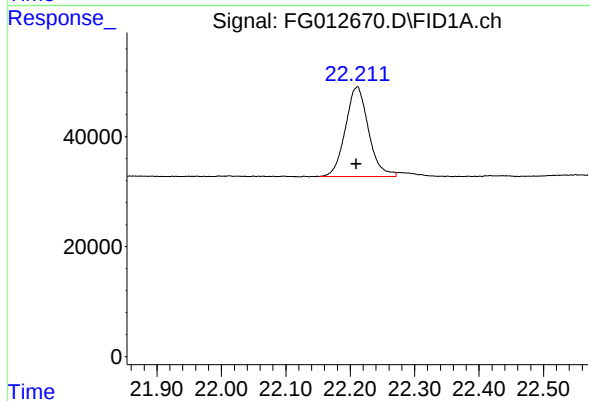
#20 n-Hexatriacontane (C36)

R.T.: 20.504 min
Delta R.T.: 0.000 min
Response: 460805
Conc: 5.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.262 min
Delta R.T.: 0.002 min
Response: 418854
Conc: 4.93 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.211 min
Delta R.T.: 0.002 min
Response: 406835
Conc: 4.98 ug/ml