

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101424AL\
 Data File : FG014438.D
 Signal(s) : FID1A.ch
 Acq On : 14 Oct 2024 18:25
 Operator : YP\AJ
 Sample : P4368-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :Ankita Jodhani 10/15/2024

Integration File: autoint1.e
 Quant Time: Oct 15 02:37:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:55:30 2024
 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...	13.248	4128006	41.660 ug/ml
Spiked Amount 50.000		Recovery =	83.32%
Target Compounds			
1) T n-Nonane (C9)	3.183	223748	1.794 ug/ml
2) T n-Decane (C10)	4.431	272544	2.150 ug/mlm
4) T n-Dodecane (C12)	6.601	310893	2.486 ug/ml
6) T n-Tetradecane (C14)	8.435	293109	2.462 ug/mlm
7) T n-Hexadecane (C16)	10.047	315508	2.506 ug/ml
8) T n-Octadecane (C18)	11.490	378141	2.926 ug/ml
10) T n-Eicosane (C20)	12.802	419378	3.383 ug/ml
11) T n-Heneicosane (C21)	13.416	399232	3.287 ug/ml
13) T n-Docosane (C22)	14.007	427597	3.552 ug/mlm
14) T n-Tetracosane (C24)	15.114	427712	3.552 ug/mlm
15) T n-Hexacosane (C26)	16.138	408665	3.466 ug/ml
16) T n-Octacosane (C28)	17.089	416390	3.581 ug/ml
17) T n-Tricontane (C30)	17.978	448396	3.753 ug/ml
18) T n-Dotriacontane (C32)	18.811	461081	3.994 ug/ml
19) T n-Tetratriacontane (C34)	19.598	420446	4.207 ug/ml
20) T n-Hexatriacontane (C36)	20.340	383223	4.411 ug/mlm
21) T n-Octatriacontane (C38)	21.070	353300	4.650 ug/ml
22) T n-Tetracontane (C40)	21.962	375080	5.666 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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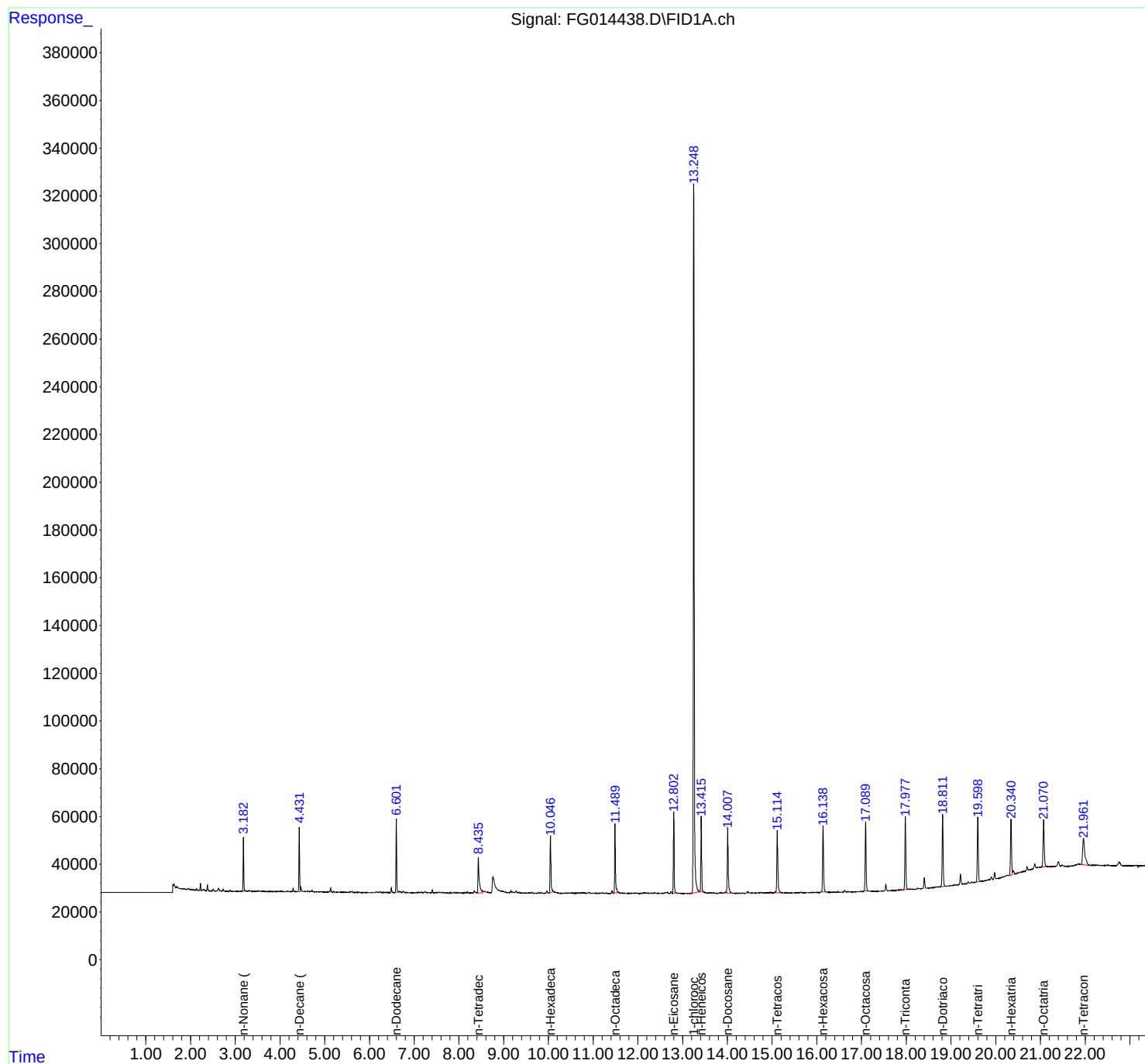
Instrument :
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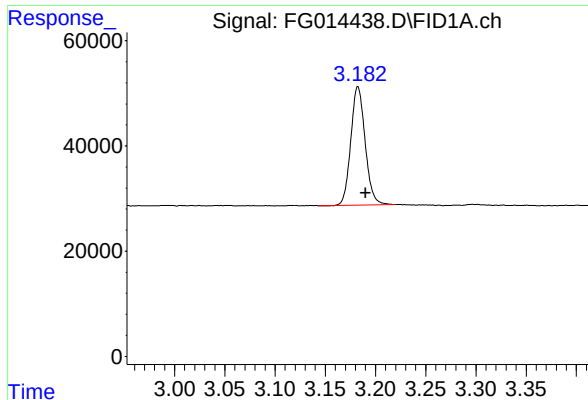
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.183 min
Delta R.T.: -0.007 min
Response: 223748
Conc: 1.79 ug/ml

Instrument :

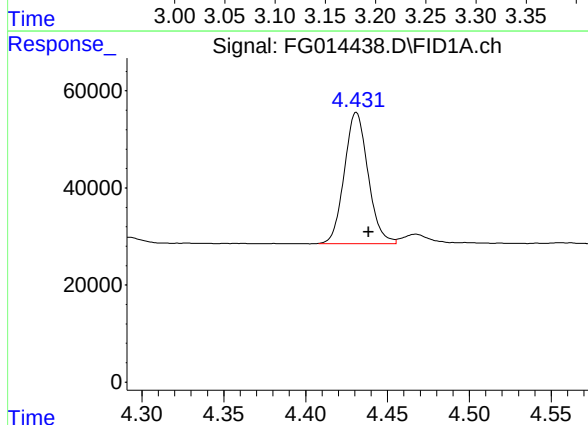
FID_G

ClientSampleId :

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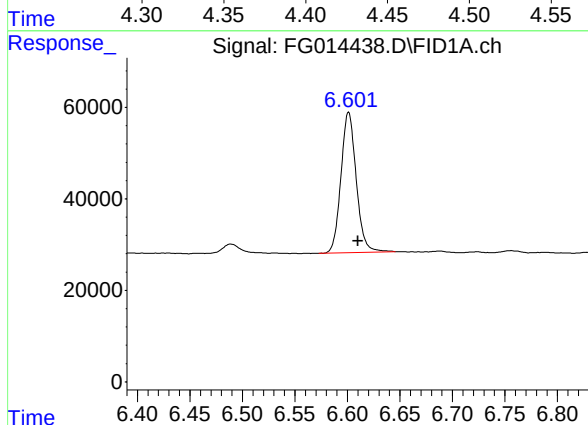
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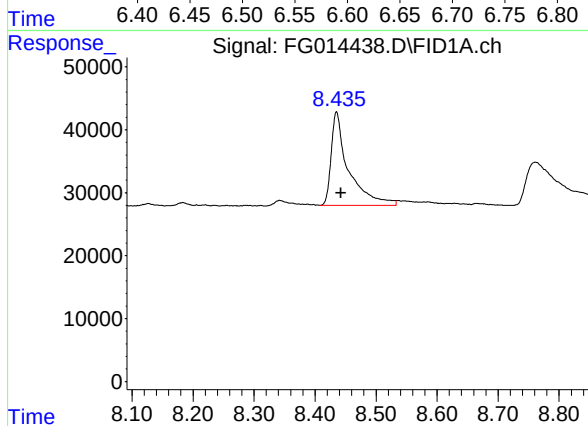
#2 n-Decane (C10)

R.T.: 4.431 min
Delta R.T.: -0.008 min
Response: 272544
Conc: 2.15 ug/ml m



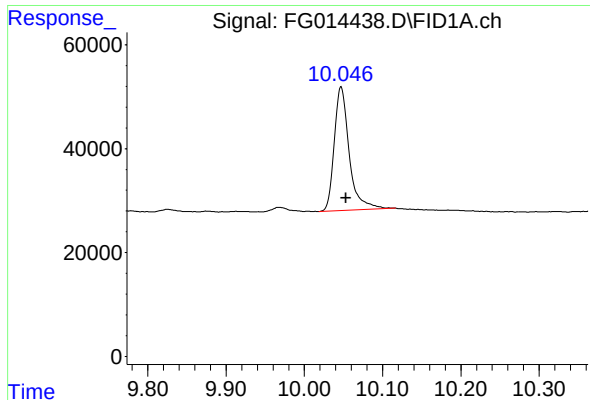
#4 n-Dodecane (C12)

R.T.: 6.601 min
Delta R.T.: -0.009 min
Response: 310893
Conc: 2.49 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.435 min
Delta R.T.: -0.007 min
Response: 293109
Conc: 2.46 ug/ml m



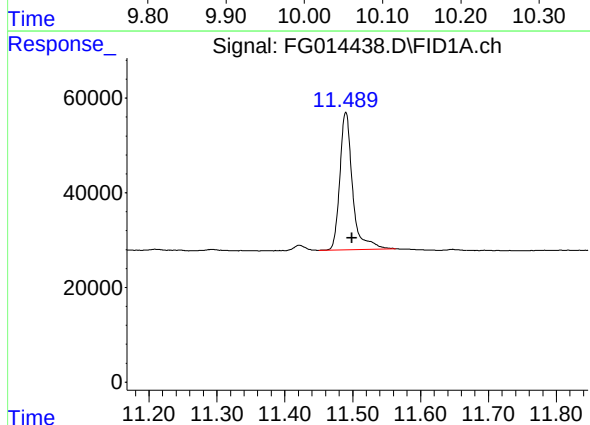
#7 n-Hexadecane (C16)

R.T.: 10.047 min
Delta R.T.: -0.006 min
Response: 315508
Conc: 2.51 ug/ml

Instrument :
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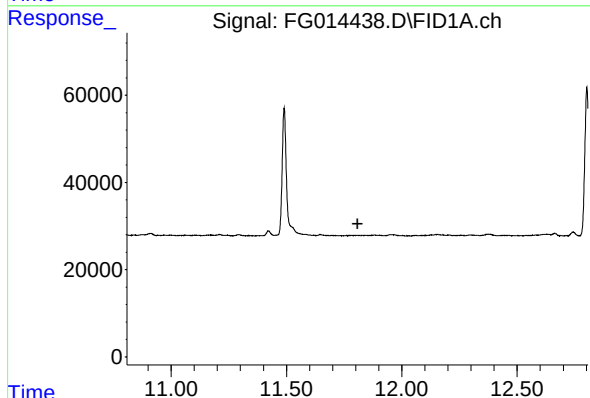
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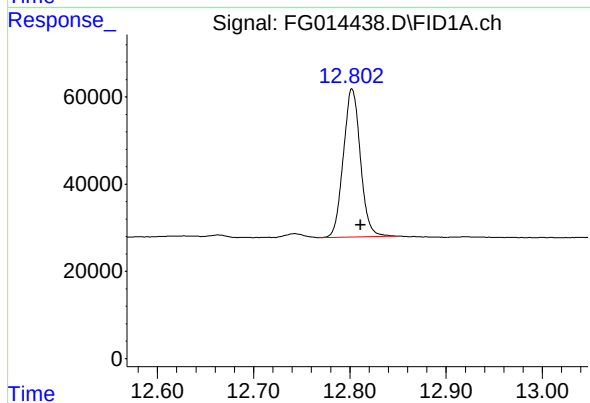
#8 n-Octadecane (C18)

R.T.: 11.490 min
Delta R.T.: -0.009 min
Response: 378141
Conc: 2.93 ug/ml



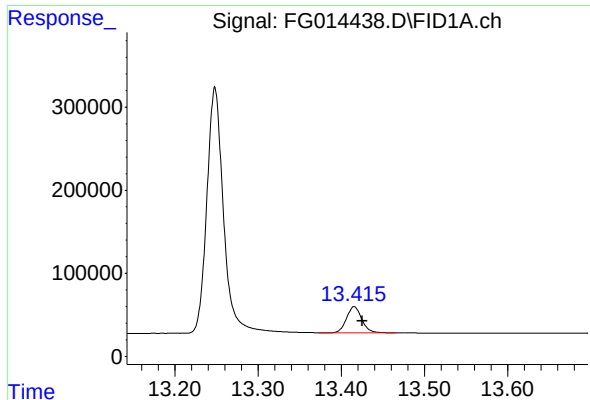
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.808 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.802 min
Delta R.T.: -0.009 min
Response: 419378
Conc: 3.38 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.416 min
Delta R.T.: -0.010 min
Response: 399232
Conc: 3.29 ug/ml

Instrument :

FID_G

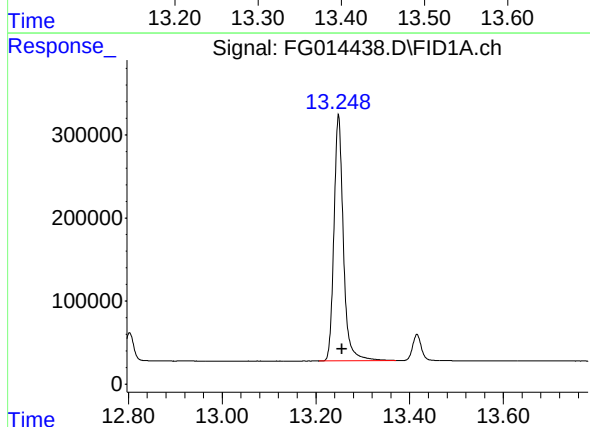
ClientSampleId :

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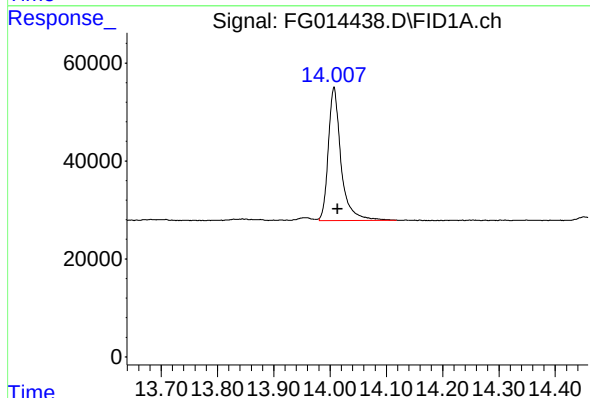
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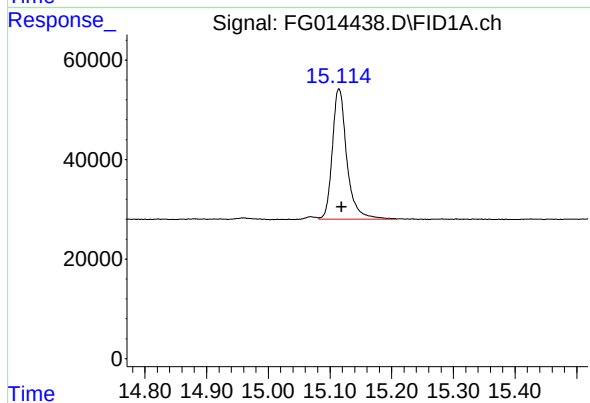
#12 1-chlorooctadecane (SURR)

R.T.: 13.248 min
Delta R.T.: -0.007 min
Response: 4128006
Conc: 41.66 ug/ml



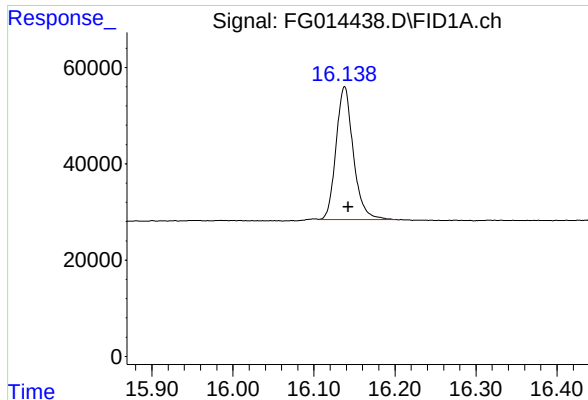
#13 n-Docosane (C22)

R.T.: 14.007 min
Delta R.T.: -0.007 min
Response: 427597
Conc: 3.55 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 15.114 min
Delta R.T.: -0.005 min
Response: 427712
Conc: 3.55 ug/ml m



#15 n-Hexacosane (C26)

R.T.: 16.138 min
Delta R.T.: -0.004 min
Response: 408665
Conc: 3.47 ug/ml

Instrument :

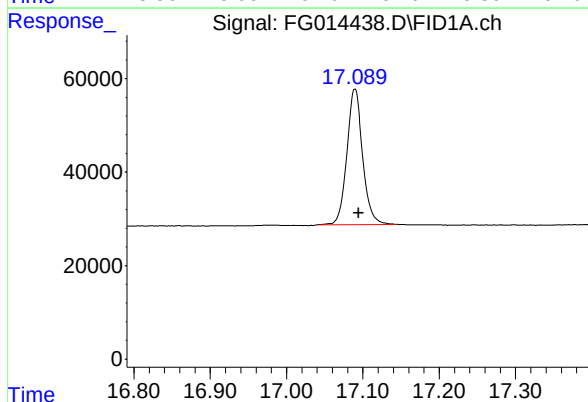
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ClientSampleId :

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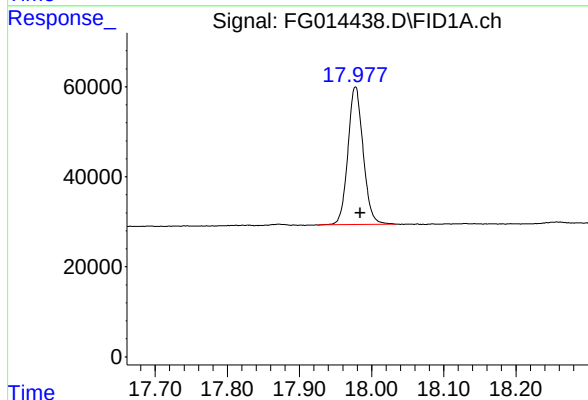
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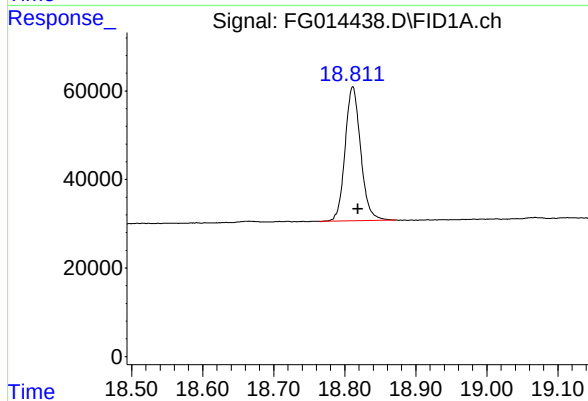
#16 n-Octacosane (C28)

R.T.: 17.089 min
Delta R.T.: -0.005 min
Response: 416390
Conc: 3.58 ug/ml



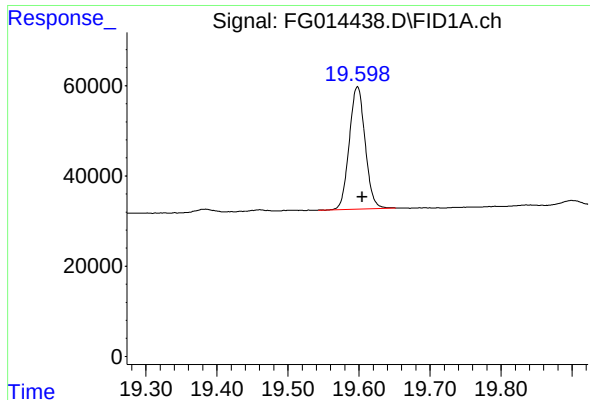
#17 n-Tricontane (C30)

R.T.: 17.978 min
Delta R.T.: -0.007 min
Response: 448396
Conc: 3.75 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.811 min
Delta R.T.: -0.007 min
Response: 461081
Conc: 3.99 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.598 min
Delta R.T.: -0.007 min
Response: 420446
Conc: 4.21 ug/ml

Instrument :

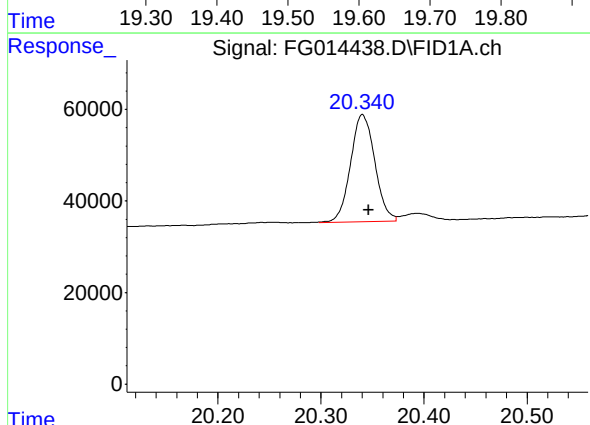
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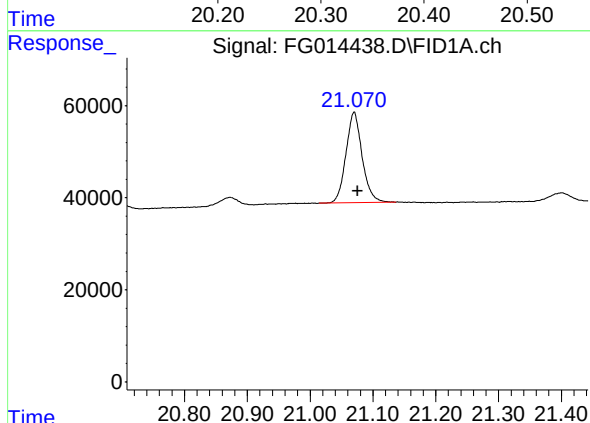
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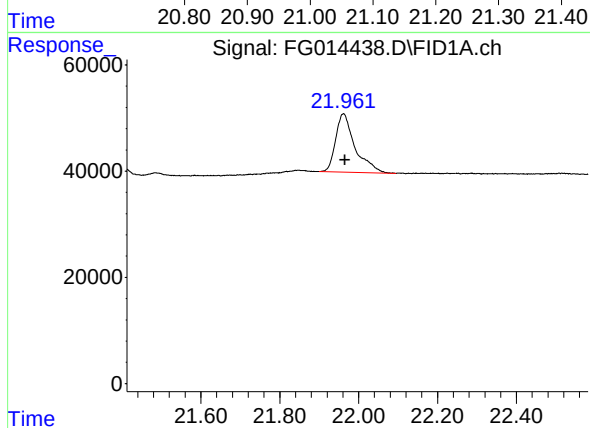
#20 n-Hexatriacontane (C36)

R.T.: 20.340 min
Delta R.T.: -0.007 min
Response: 383223
Conc: 4.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.070 min
Delta R.T.: -0.005 min
Response: 353300
Conc: 4.65 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.962 min
Delta R.T.: -0.004 min
Response: 375080
Conc: 5.67 ug/ml