

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061223AL\
 Data File : FG012154.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jun 2023 12:46
 Operator : YP\AJ
 Sample : 02213-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :Ankita Jodhani 06/13/2023

Integration File: autoint1.e
 Quant Time: Jun 13 01:17:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 12:59:06 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...	12.354	4969193	41.905 ug/ml
Spiked Amount 50.000		Recovery =	83.81%
Target Compounds			
1) T n-Nonane (C9)	2.751	239099	2.077 ug/ml
2) T n-Decane (C10)	3.761	303786	2.575 ug/ml
4) T n-Dodecane (C12)	5.752	377737	3.149 ug/ml
6) T n-Tetradecane (C14)	7.546	341633	2.813 ug/ml
7) T n-Hexadecane (C16)	9.149	381183	2.936 ug/ml
8) T n-Octadecane (C18)	10.593	436765	3.209 ug/ml
10) T n-Eicosane (C20)	11.904	459294	3.403 ug/ml
11) T n-Heneicosane (C21)	12.518	439803	3.272 ug/ml
13) T n-Docosane (C22)	13.105	455609	3.372 ug/ml
14) T n-Tetracosane (C24)	14.210	461043	3.388 ug/mlm
15) T n-Hexacosane (C26)	15.234	433053	3.237 ug/ml
16) T n-Octacosane (C28)	16.187	421888	3.232 ug/ml
17) T n-Tricontane (C30)	17.075	449514	3.408 ug/ml
18) T n-Dotriacontane (C32)	17.910	464858	3.618 ug/ml
19) T n-Tetratriacontane (C34)	18.696	445804	3.638 ug/ml
20) T n-Hexatriacontane (C36)	19.438	399565	3.435 ug/ml
21) T n-Octatriacontane (C38)	20.180	378445	3.368 ug/ml
22) T n-Tetracontane (C40)	21.103	355525	3.300 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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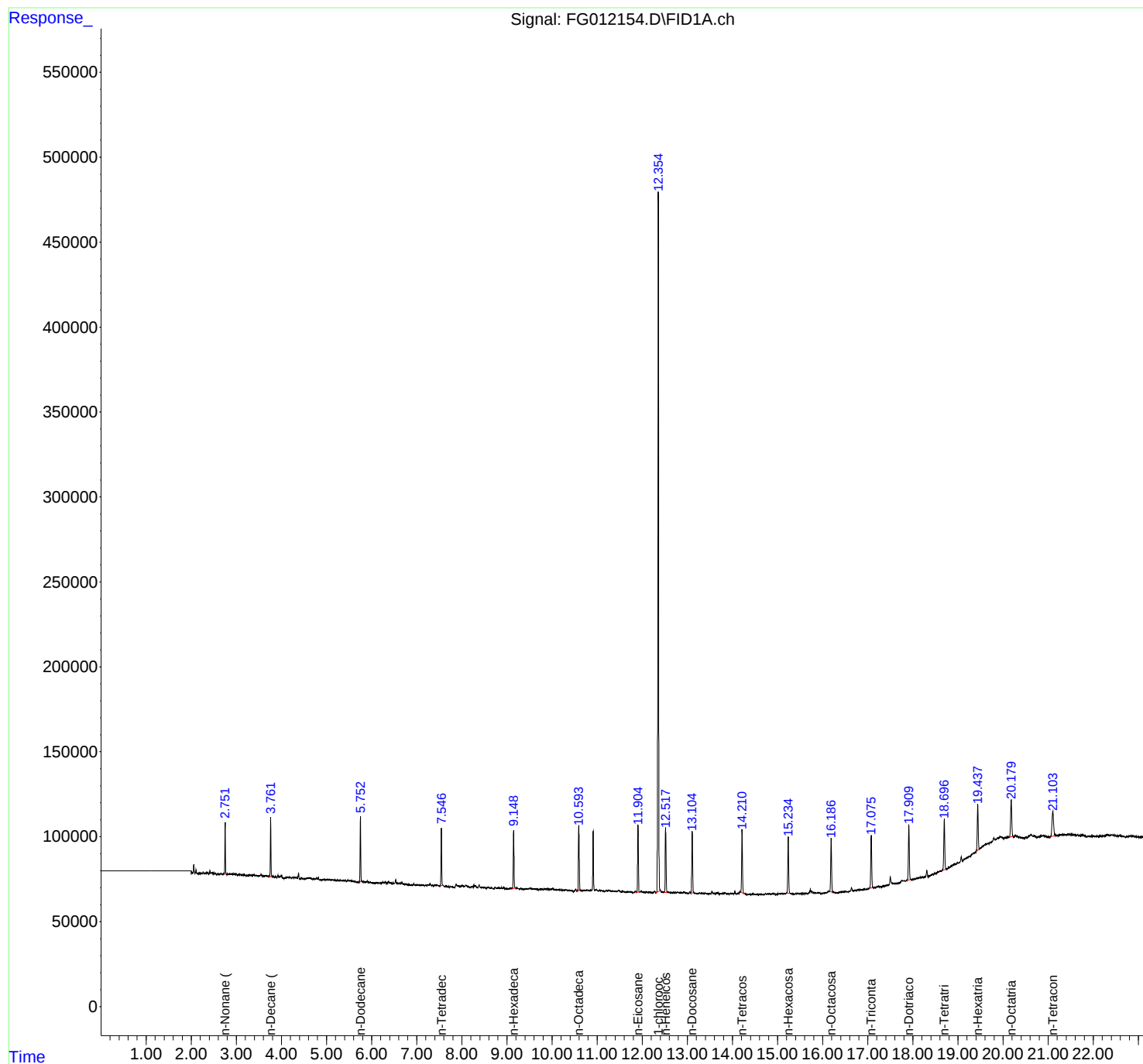
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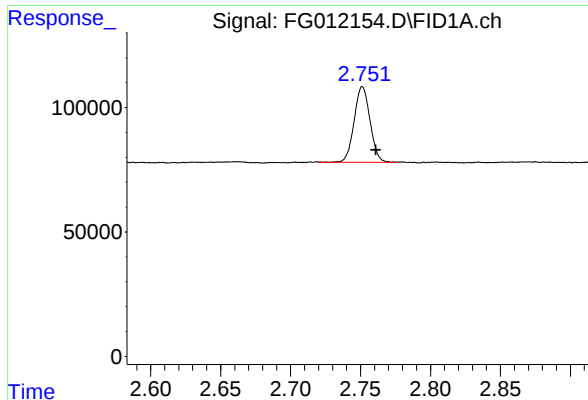
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#1 n-Nonane (C9)

R.T.: 2.751 min
Delta R.T.: -0.010 min
Response: 239099
Conc: 2.08 ug/ml

Instrument :

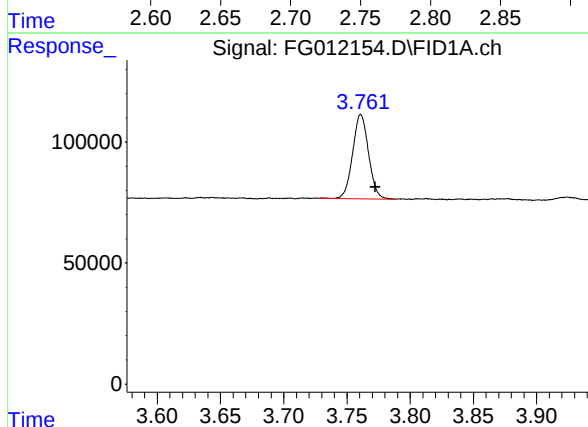
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ClientSampleId :

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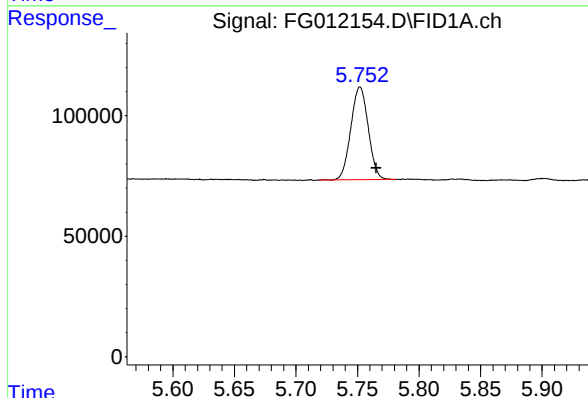
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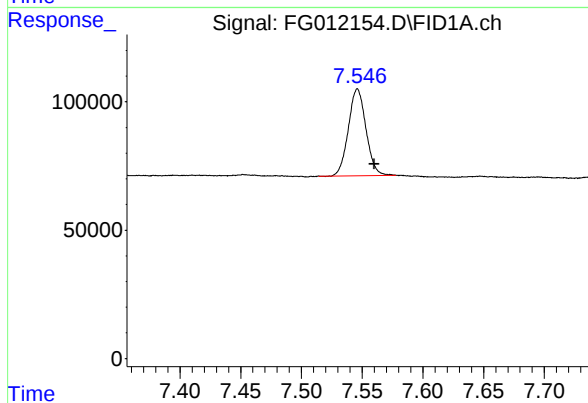
#2 n-Decane (C10)

R.T.: 3.761 min
Delta R.T.: -0.011 min
Response: 303786
Conc: 2.58 ug/ml



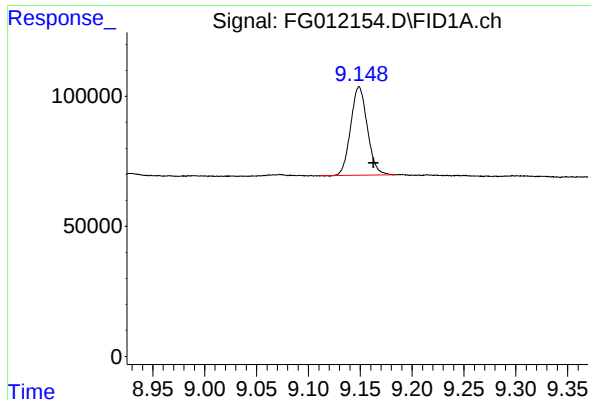
#4 n-Dodecane (C12)

R.T.: 5.752 min
Delta R.T.: -0.013 min
Response: 377737
Conc: 3.15 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.546 min
Delta R.T.: -0.014 min
Response: 341633
Conc: 2.81 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.149 min
Delta R.T.: -0.014 min
Response: 381183
Conc: 2.94 ug/ml

Instrument :

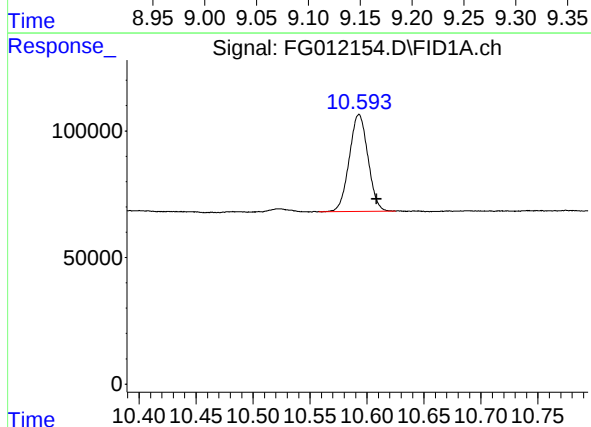
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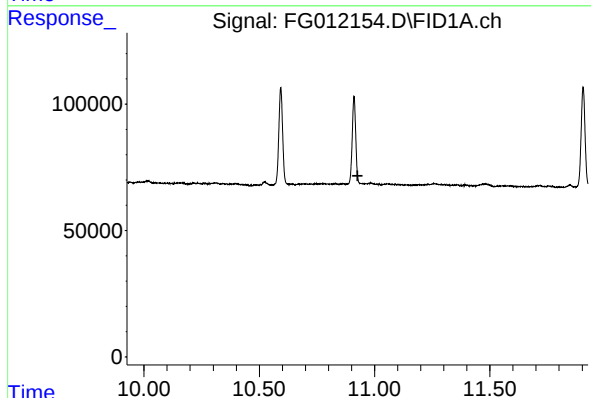
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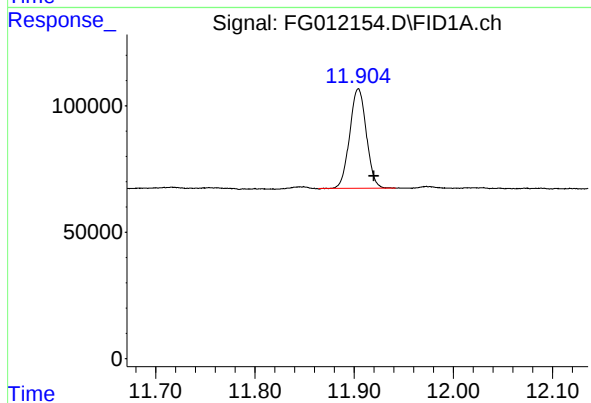
#8 n-Octadecane (C18)

R.T.: 10.593 min
Delta R.T.: -0.016 min
Response: 436765
Conc: 3.21 ug/ml



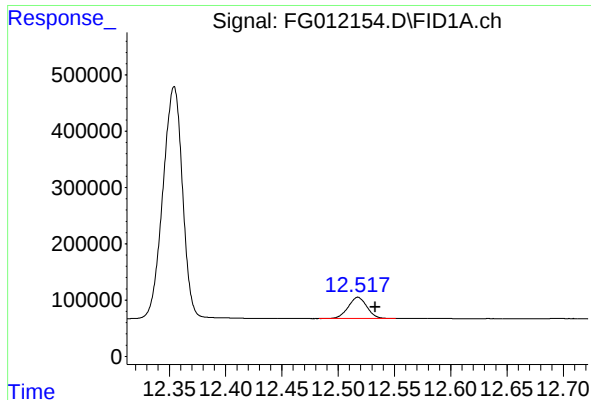
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 10.926 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.904 min
Delta R.T.: -0.016 min
Response: 459294
Conc: 3.40 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.518 min
Delta R.T.: -0.015 min
Response: 439803
Conc: 3.27 ug/ml

Instrument :

FID_G

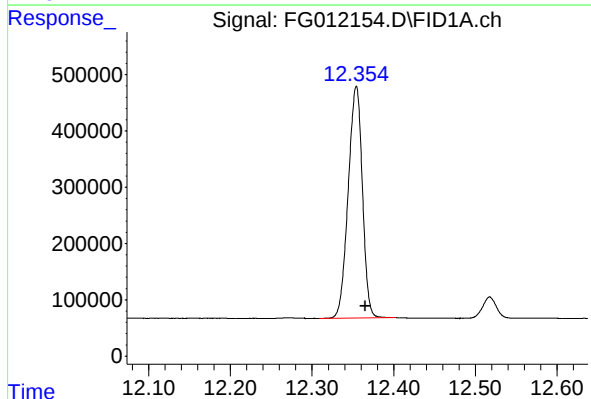
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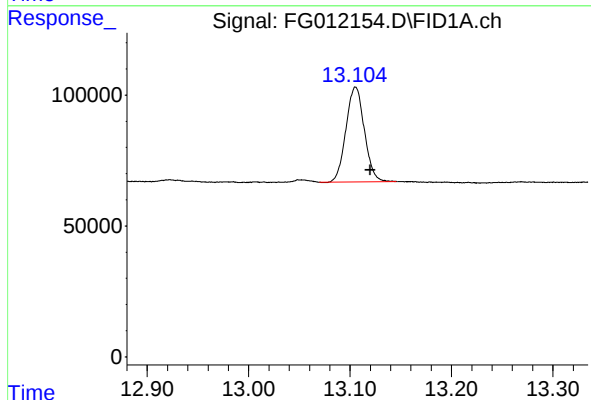
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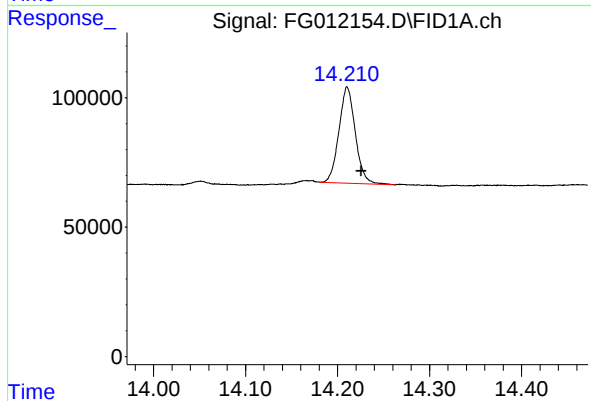
#12 1-chlorooctadecane (SURR)

R.T.: 12.354 min
Delta R.T.: -0.011 min
Response: 4969193
Conc: 41.91 ug/ml



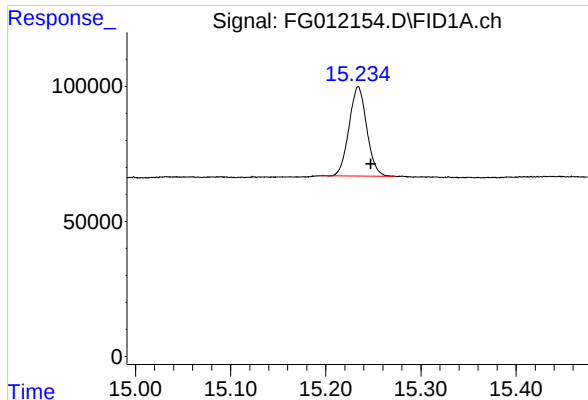
#13 n-Docosane (C22)

R.T.: 13.105 min
Delta R.T.: -0.014 min
Response: 455609
Conc: 3.37 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.210 min
Delta R.T.: -0.016 min
Response: 461043
Conc: 3.39 ug/ml m



#15 n-Hexacosane (C26)

R.T.: 15.234 min
Delta R.T.: -0.013 min
Response: 433053
Conc: 3.24 ug/ml

Instrument :

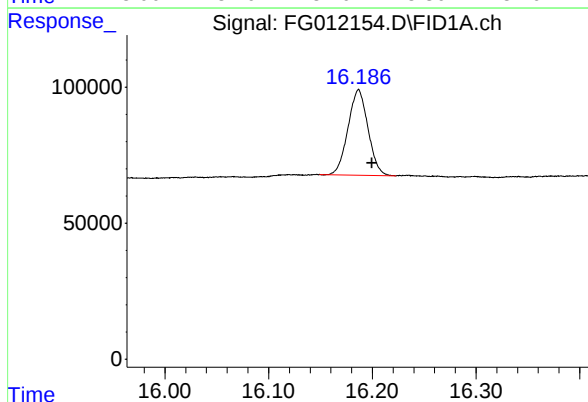
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ClientSampleId :

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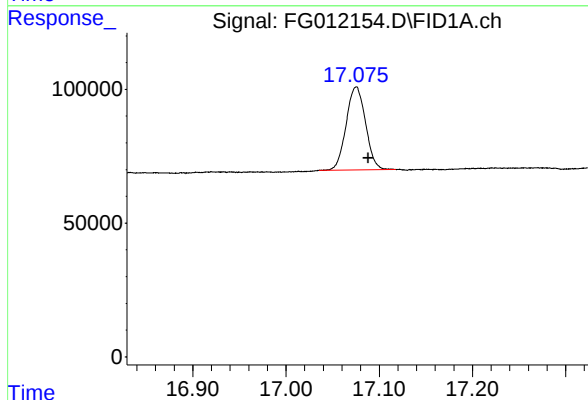
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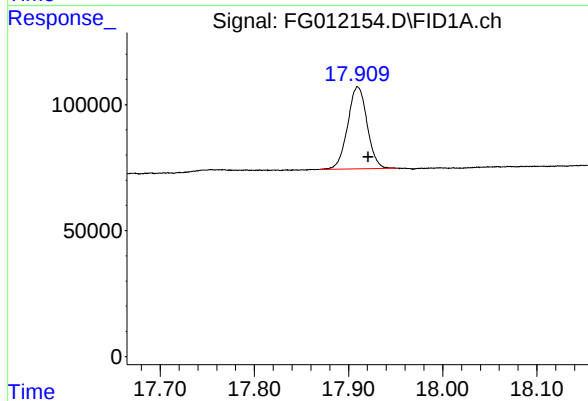
#16 n-Octacosane (C28)

R.T.: 16.187 min
Delta R.T.: -0.013 min
Response: 421888
Conc: 3.23 ug/ml



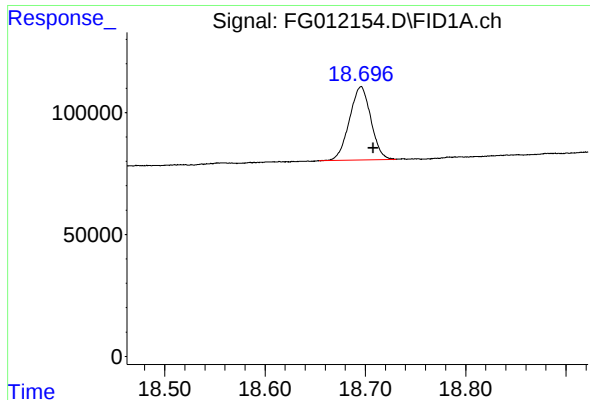
#17 n-Tricontane (C30)

R.T.: 17.075 min
Delta R.T.: -0.013 min
Response: 449514
Conc: 3.41 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.910 min
Delta R.T.: -0.011 min
Response: 464858
Conc: 3.62 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 18.696 min
Delta R.T.: -0.012 min
Response: 445804
Conc: 3.64 ug/ml

Instrument :

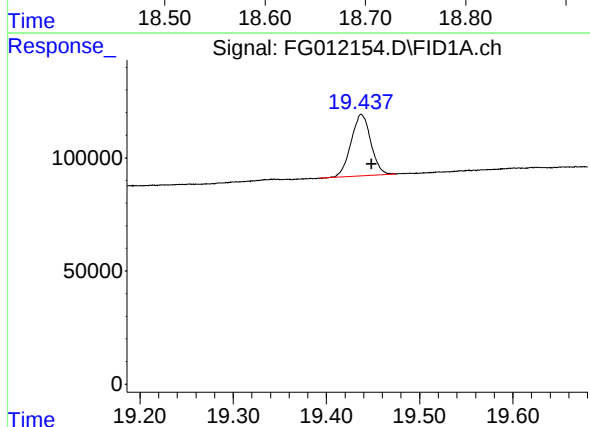
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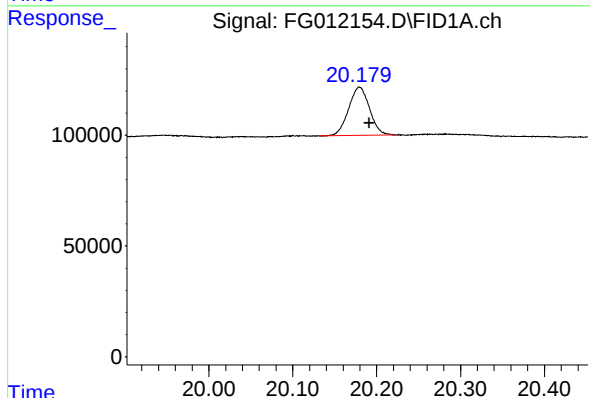
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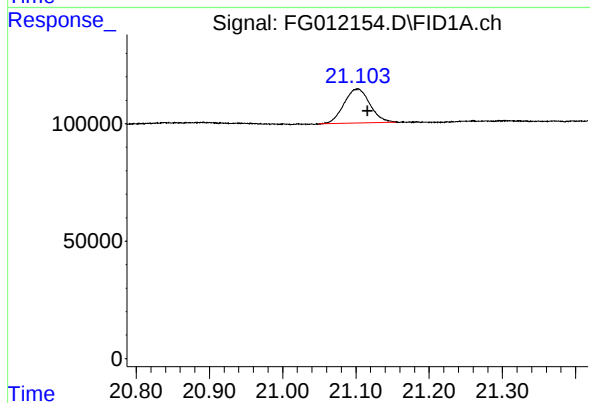
#20 n-Hexatriacontane (C36)

R.T.: 19.438 min
Delta R.T.: -0.011 min
Response: 399565
Conc: 3.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.180 min
Delta R.T.: -0.012 min
Response: 378445
Conc: 3.37 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.103 min
Delta R.T.: -0.013 min
Response: 355525
Conc: 3.30 ug/ml