

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102924AL\
 Data File : FG014557.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2024 15:02
 Operator : YP\AJ
 Sample : PB164396BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

PB164396BS

Manual Integrations

APPROVED

 Reviewed By :Yogesh
 Patel

Integration File: sample.E

Quant Time: Oct 30 06:15:38 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.M

Quant Title : GC Extractables

QLast Update : Tue Oct 22 06:49:54 2024

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um

10/30/2024

 Supervised By :Ankita
 Jodhani

Compound	R.T.	Response	Conc Units
-----10/30/2024			
System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.405	3578844	29.146 ug/ml
Spiked Amount 50.000		Recovery =	58.29%
Target Compounds			
1) T n-Nonane (C9)	3.337	3191873	24.664 ug/ml
2) T n-Decane (C10)	4.588	3955833	30.021 ug/ml
4) T n-Dodecane (C12)	6.758	4594927	34.589 ug/ml
6) T n-Tetradecane (C14)	8.590	5258210	39.631 ug/ml
7) T n-Hexadecane (C16)	10.202	5910539	42.533 ug/ml
8) T n-Octadecane (C18)	11.648	6281211	43.876 ug/ml
10) T n-Eicosane (C20)	12.960	6528470	46.424 ug/ml
11) T n-Heneicosane (C21)	13.574	6308856	45.074 ug/ml
13) T n-Docosane (C22)	14.162	6286630	44.690 ug/ml
14) T n-Tetracosane (C24)	15.266	6168402	43.349 ug/ml
15) T n-Hexacosane (C26)	16.288	5984597	42.399 ug/ml
16) T n-Octacosane (C28)	17.238	5785082	41.858 ug/ml
17) T n-Tricontane (C30)	18.126	5693897	41.081 ug/ml
18) T n-Dotriacontane (C32)	18.959	5536464	42.288 ug/ml
19) T n-Tetratriacontane (C34)	19.743	5425046	48.469 ug/ml
20) T n-Hexatriacontane (C36)	20.484	5272332	56.645 ug/mlm
21) T n-Octatriacontane (C38)	21.236	5312690	63.588 ug/ml
22) T n-Tetracontane (C40)	22.181	5313928	69.881 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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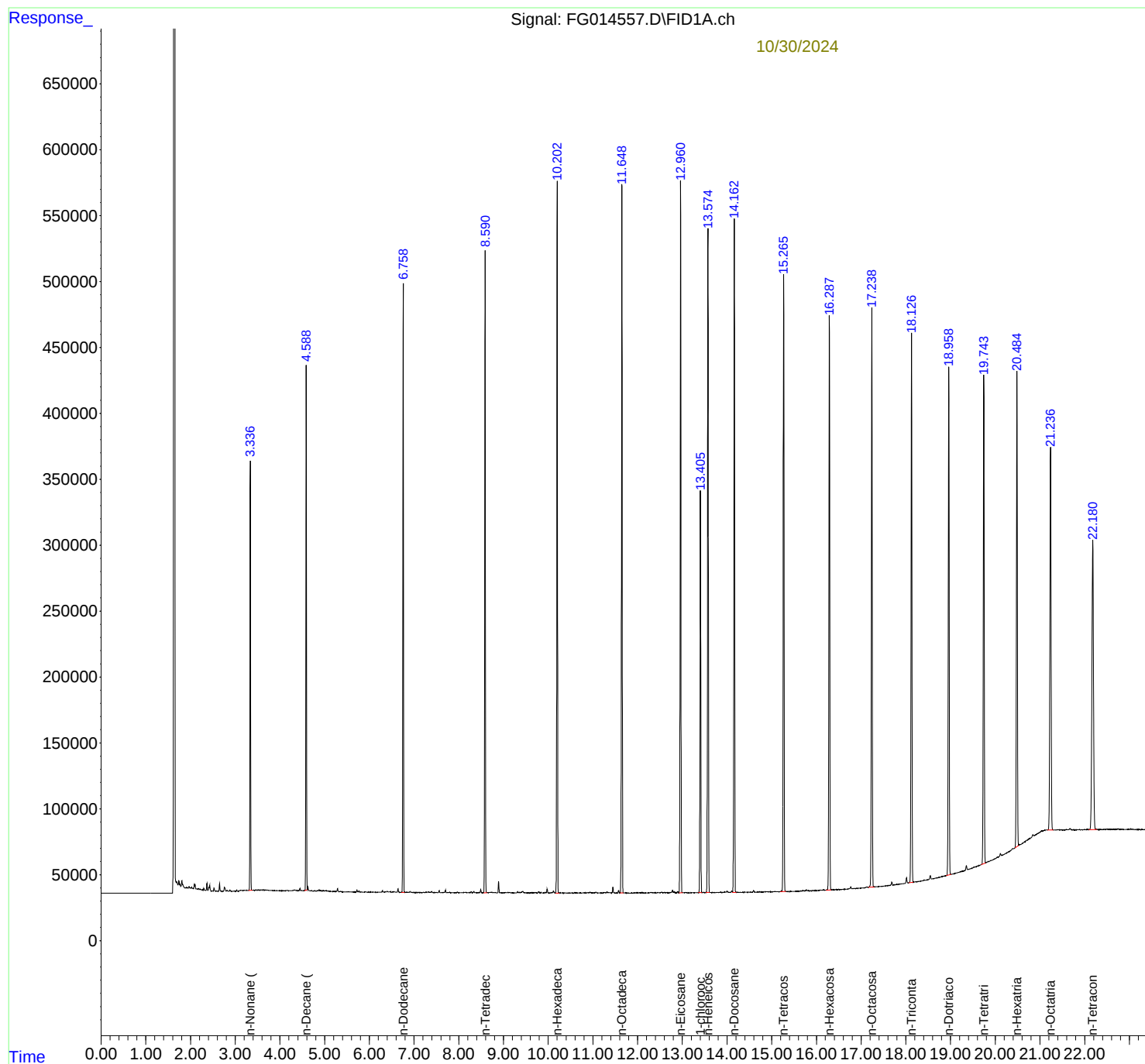
Volume Inj. : 1 ul

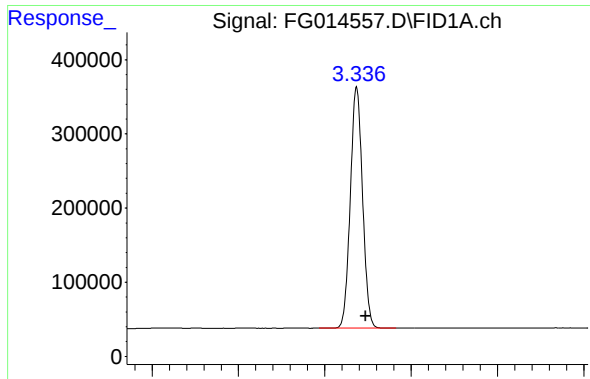
Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um

10/30/2024

Supervised By : Ankita
Jodhani





#1 n-Nonane (C9)

R.T.: 3.337 min
Delta R.T.: -0.010 min
Response: 3191873
Conc: 24.66 ug/ml

Instrument :

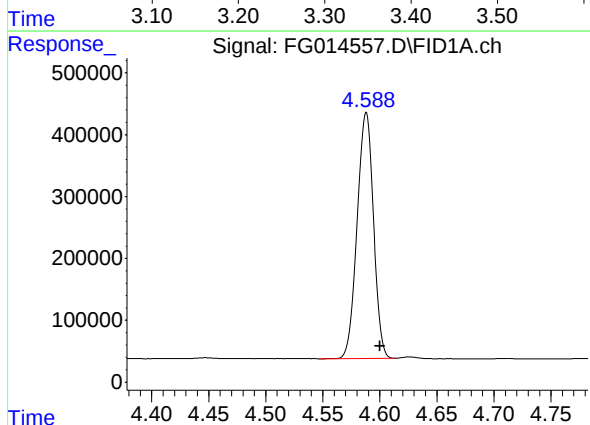
FID_G

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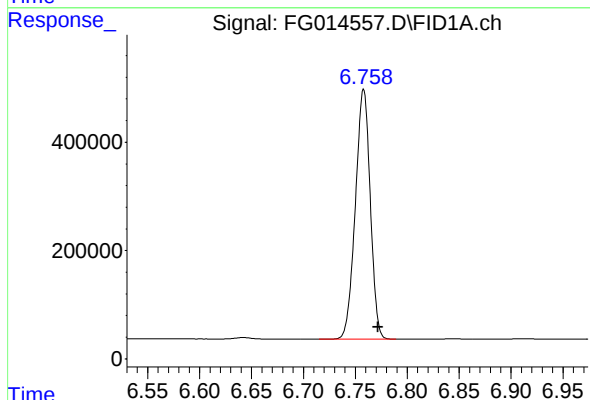
#2 n-Decane (C10)

R.T.: 4.588 min
Delta R.T.: -0.012 min
Response: 3955833
Conc: 30.02 ug/ml

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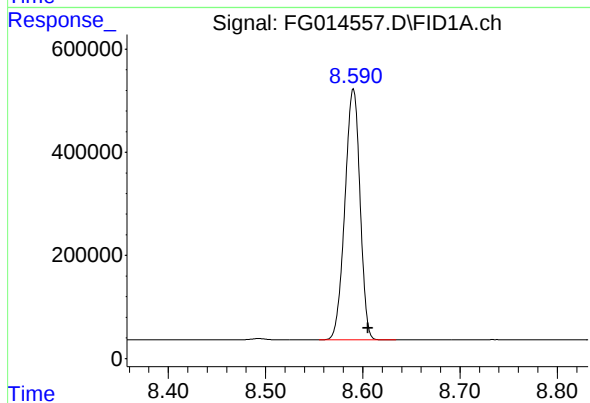
Supervised By :Ankita
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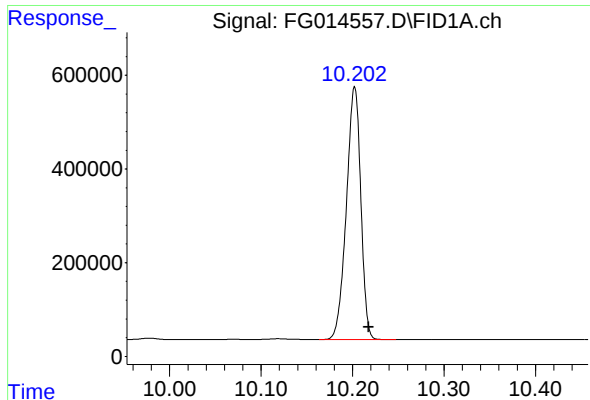
#4 n-Dodecane (C12)

R.T.: 6.758 min
Delta R.T.: -0.014 min
Response: 4594927
Conc: 34.59 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.590 min
Delta R.T.: -0.015 min
Response: 5258210
Conc: 39.63 ug/ml



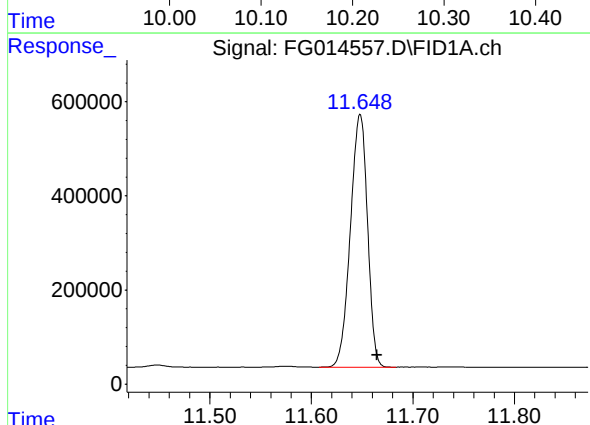
#7 n-Hexadecane (C16)

R.T.: 10.202 min
Delta R.T.: -0.015 min
Response: 5910539
Conc: 42.53 ug/ml

Instrument :
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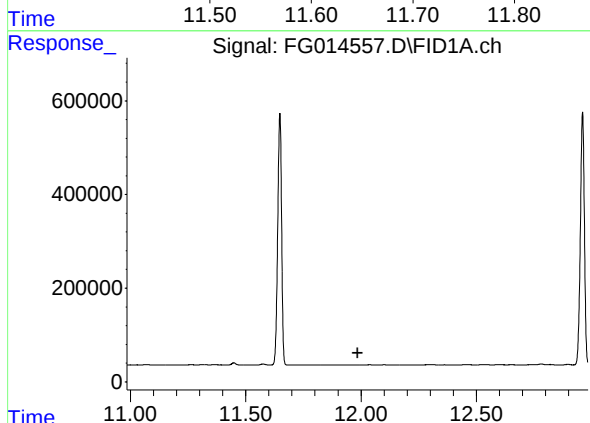


#8 n-Octadecane (C18)

R.T.: 11.648 min
Delta R.T.: -0.016 min
Response: 6281211
Conc: 43.88 ug/ml

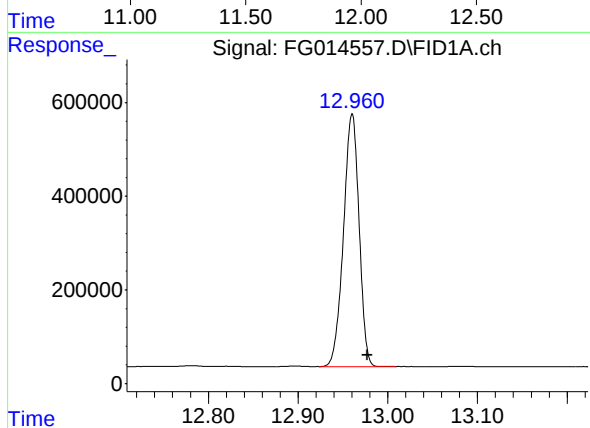
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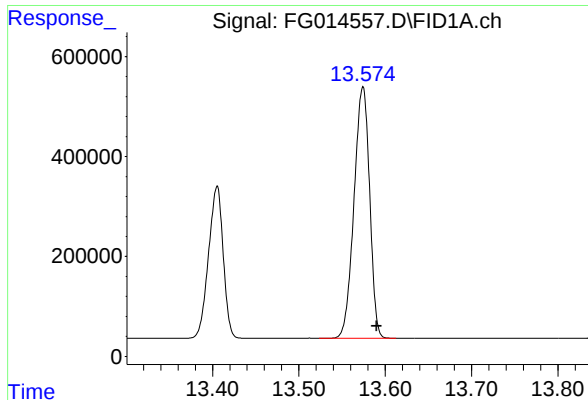
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.984 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.960 min
Delta R.T.: -0.017 min
Response: 6528470
Conc: 46.42 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: -0.016 min
Response: 6308856
Conc: 45.07 ug/ml

Instrument :

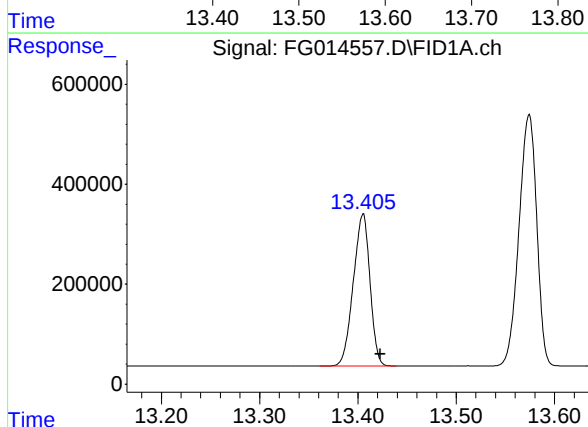
FID_G

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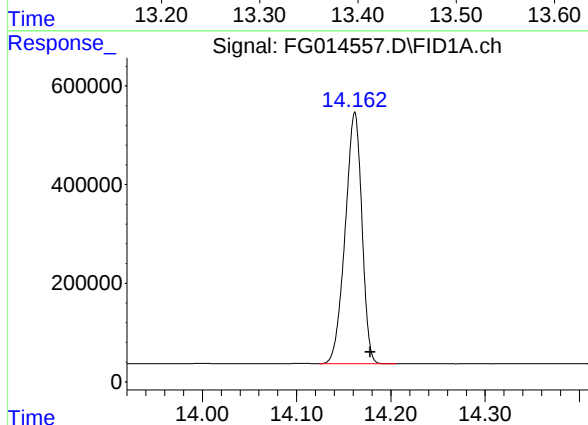
#12 1-chlorooctadecane (SURR)

R.T.: 13.405 min
Delta R.T.: -0.017 min
Response: 3578844
Conc: 29.15 ug/ml

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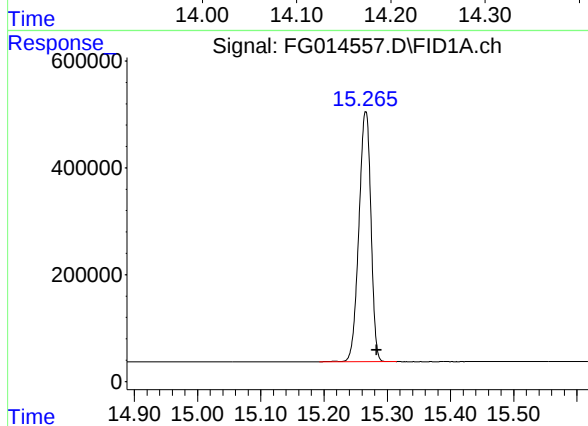
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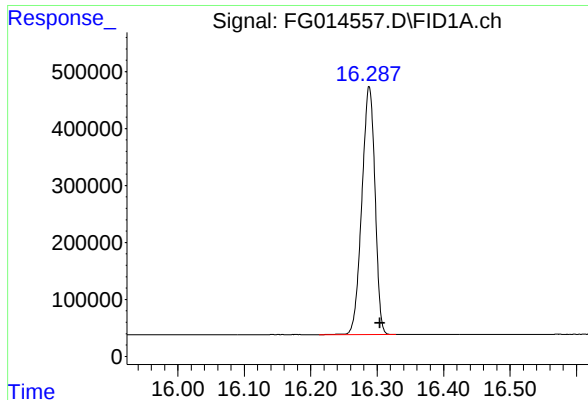
#13 n-Docosane (C22)

R.T.: 14.162 min
Delta R.T.: -0.016 min
Response: 6286630
Conc: 44.69 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.266 min
Delta R.T.: -0.017 min
Response: 6168402
Conc: 43.35 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.288 min
Delta R.T.: -0.016 min
Response: 5984597
Conc: 42.40 ug/ml

Instrument :

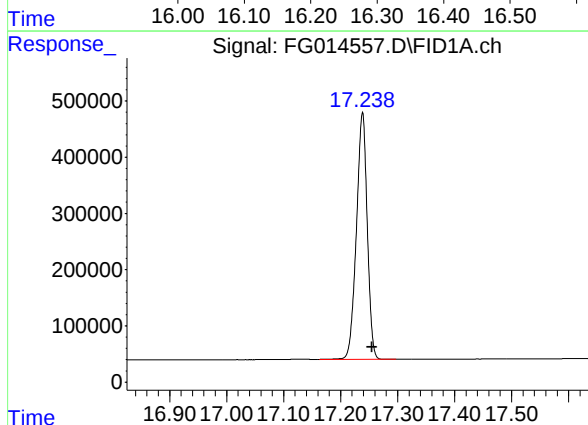
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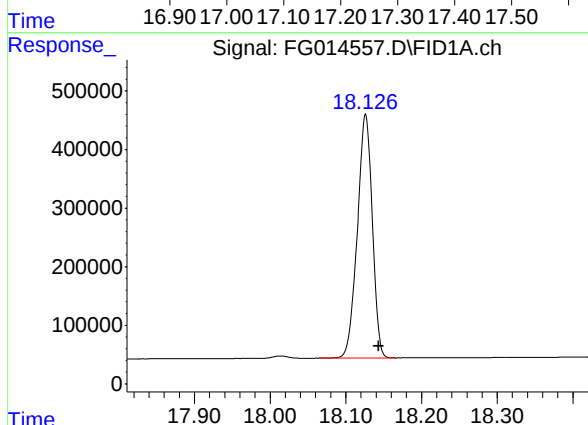
#16 n-Octacosane (C28)

R.T.: 17.238 min
Delta R.T.: -0.017 min
Response: 5785082
Conc: 41.86 ug/ml

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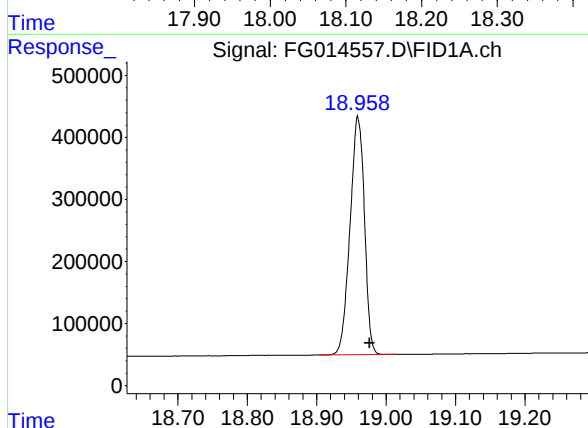
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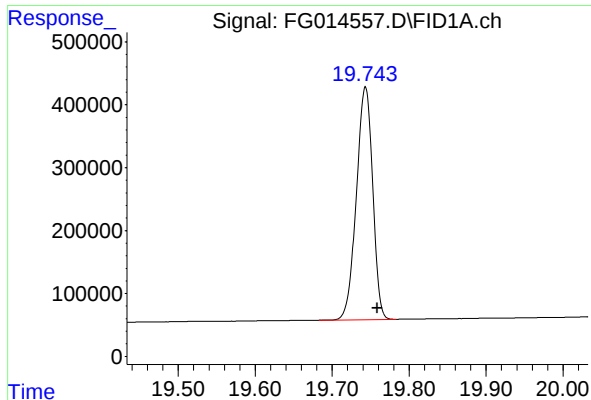
#17 n-Tricontane (C30)

R.T.: 18.126 min
Delta R.T.: -0.017 min
Response: 5693897
Conc: 41.08 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.959 min
Delta R.T.: -0.017 min
Response: 5536464
Conc: 42.29 ug/ml



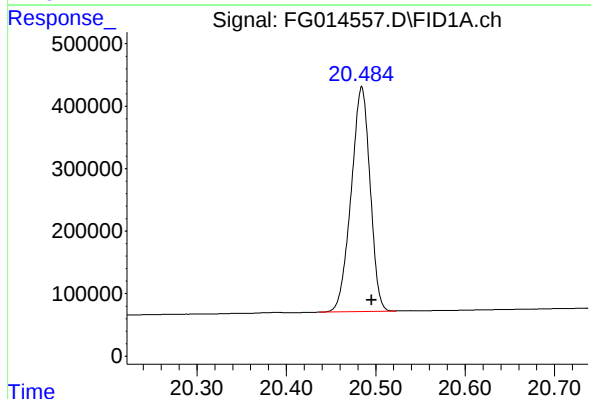
#19 n-Tetratriacontane (C34)

R.T.: 19.743 min
Delta R.T.: -0.015 min
Response: 5425046
Conc: 48.47 ug/ml

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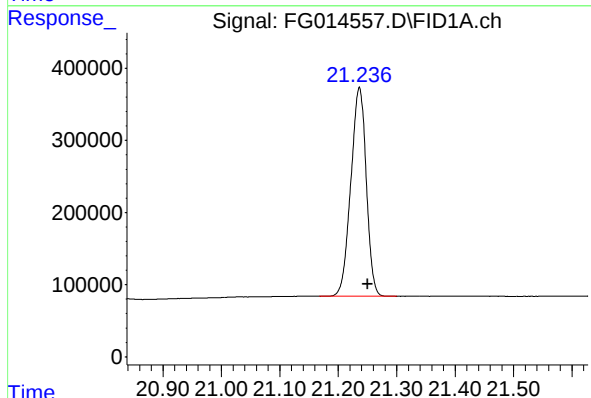


#20 n-Hexatriacontane (C36)

R.T.: 20.484 min
Delta R.T.: -0.011 min
Response: 5272332
Conc: 56.65 ug/ml m

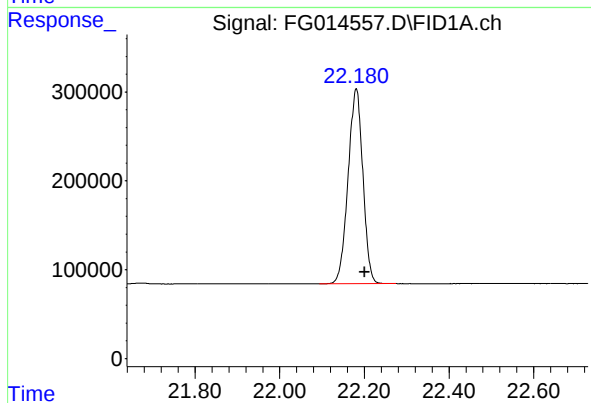
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#21 n-Octatriacontane (C38)

R.T.: 21.236 min
Delta R.T.: -0.014 min
Response: 5312690
Conc: 63.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.181 min
Delta R.T.: -0.020 min
Response: 5313928
Conc: 69.88 ug/ml