

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042624AL\
 Data File : FC066247.D
 Signal(s) : FID1A.ch
 Acq On : 26 Apr 2024 18:28
 Operator : YP/AJ
 Sample : PB160550BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB160550BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/29/2024

Supervised By :mohammad ahmed 05/02/2024

Integration File: autoint1.e

Quant Time: Apr 27 00:57:53 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 041524.M

Quant Title : GC Extractables

QLast Update : Tue Apr 16 08:19:15 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...	13.004	4488709	45.746 ug/ml
Spiked Amount 50.000		Recovery =	91.49%
Target Compounds			
1) T n-Nonane (C9)	3.321	3098354	24.067 ug/ml
2) T n-Decane (C10)	4.389	3778750	28.981 ug/ml
4) T n-Dodecane (C12)	6.409	4330479	33.444 ug/ml
6) T n-Tetradecane (C14)	8.205	4505929	35.799 ug/ml
7) T n-Hexadecane (C16)	9.806	4941324	38.794 ug/ml
8) T n-Octadecane (C18)	11.250	5380052	42.267 ug/ml
10) T n-Eicosane (C20)	12.560	5557962	46.121 ug/ml
11) T n-Heneicosane (C21)	13.173	5431728	45.906 ug/ml
13) T n-Docosane (C22)	13.759	5416369	46.138 ug/ml
14) T n-Tetracosane (C24)	14.861	5341632	45.783 ug/ml
15) T n-Hexacosane (C26)	15.883	5257898	45.737 ug/ml
16) T n-Octacosane (C28)	16.832	5190091	45.796 ug/ml
17) T n-Tricontane (C30)	17.721	5204347	44.924 ug/ml
18) T n-Dotriacontane (C32)	18.554	5109619	44.504 ug/ml
19) T n-Tetratriacontane (C34)	19.338	5052318	46.005 ug/ml
20) T n-Hexatriacontane (C36)	20.076	4800528	46.507 ug/mlm
21) T n-Octatriacontane (C38)	20.813	4564031	46.819 ug/ml
22) T n-Tetracontane (C40)	21.725	4062688	44.897 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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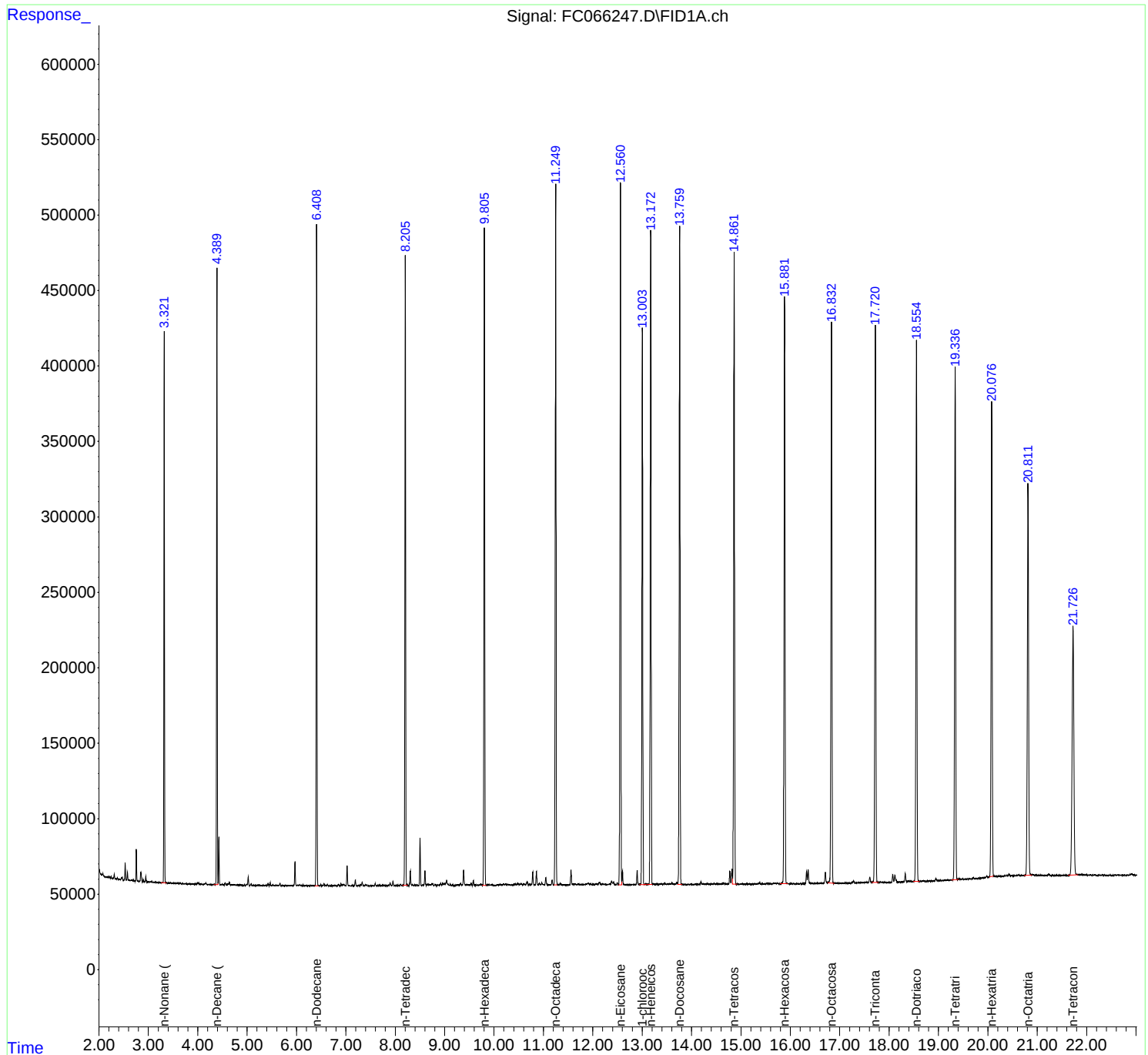
Response via : Initial Calibration

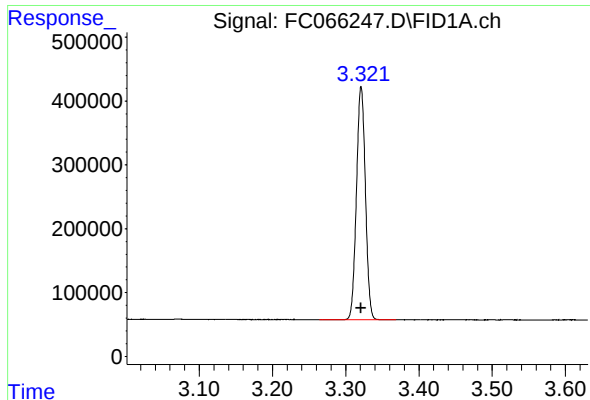
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





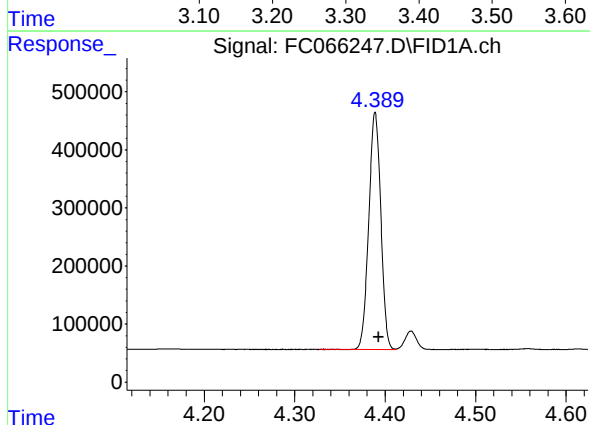
#1 n-Nonane (C9)

R.T.: 3.321 min
Delta R.T.: 0.000 min
Response: 3098354
Conc: 24.07 ug/ml

Instrument :
FID_C
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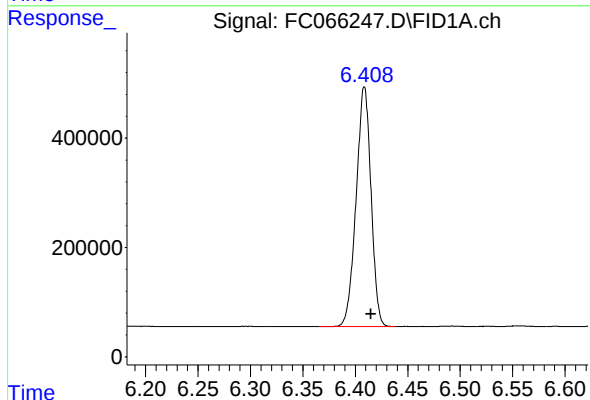
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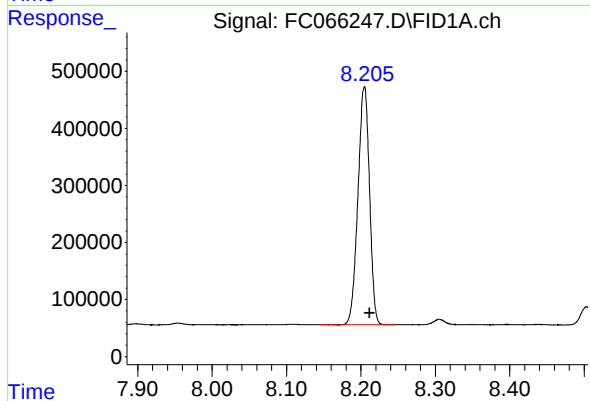
#2 n-Decane (C10)

R.T.: 4.389 min
Delta R.T.: -0.004 min
Response: 3778750
Conc: 28.98 ug/ml



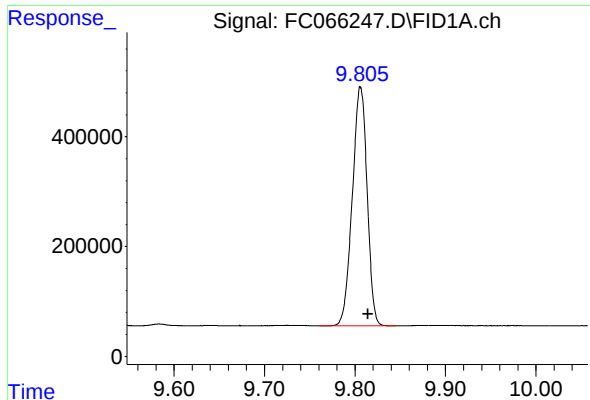
#4 n-Dodecane (C12)

R.T.: 6.409 min
Delta R.T.: -0.006 min
Response: 4330479
Conc: 33.44 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.205 min
Delta R.T.: -0.007 min
Response: 4505929
Conc: 35.80 ug/ml



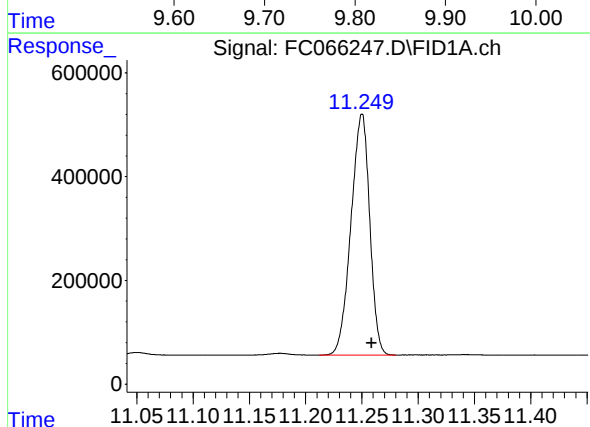
#7 n-Hexadecane (C16)

R.T.: 9.806 min
Delta R.T.: -0.008 min
Response: 4941324
Conc: 38.79 ug/ml

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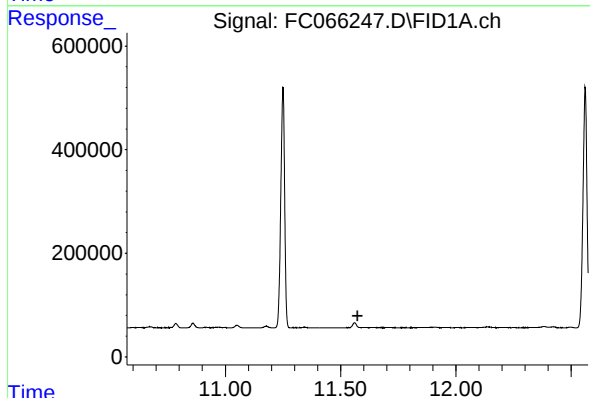
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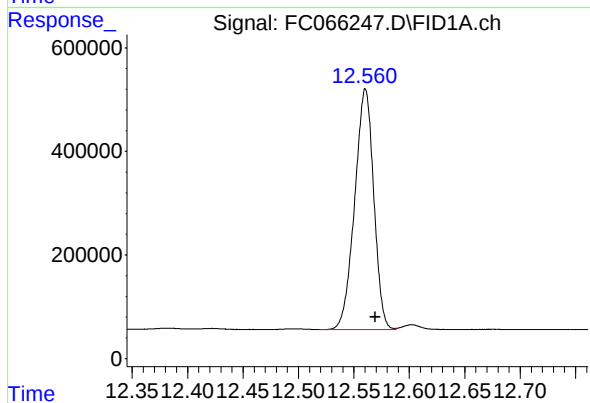
#8 n-Octadecane (C18)

R.T.: 11.250 min
Delta R.T.: -0.009 min
Response: 5380052
Conc: 42.27 ug/ml



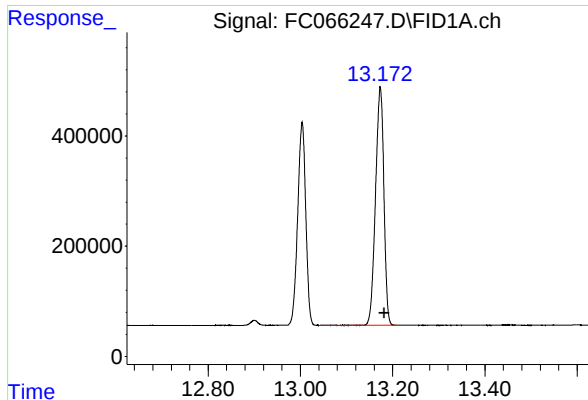
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.573 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.560 min
Delta R.T.: -0.009 min
Response: 5557962
Conc: 46.12 ug/ml



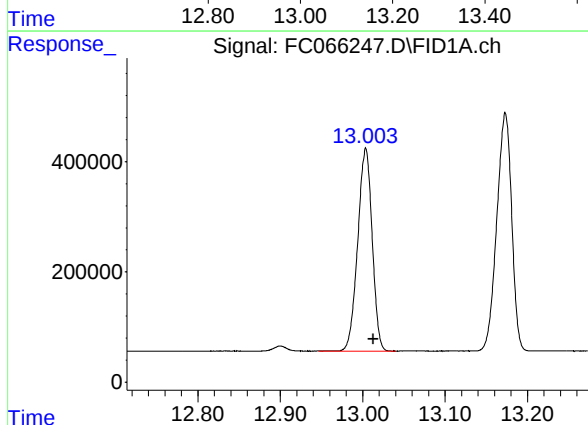
#11 n-Heneicosane (C21)

R.T.: 13.173 min
Delta R.T.: -0.009 min
Response: 5431728
Conc: 45.91 ug/ml

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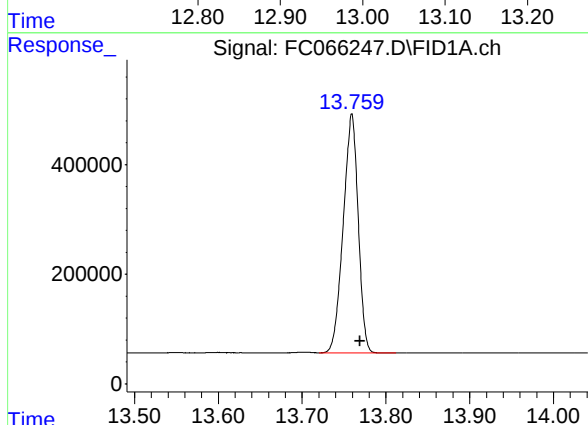
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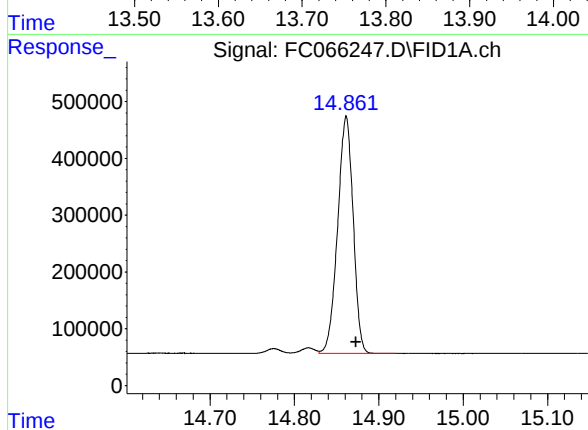
#12 1-chlorooctadecane (SURR)

R.T.: 13.004 min
Delta R.T.: -0.010 min
Response: 4488709
Conc: 45.75 ug/ml



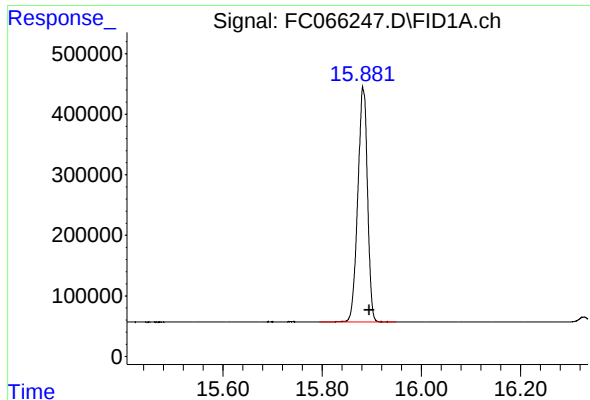
#13 n-Docosane (C22)

R.T.: 13.759 min
Delta R.T.: -0.010 min
Response: 5416369
Conc: 46.14 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.861 min
Delta R.T.: -0.012 min
Response: 5341632
Conc: 45.78 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.883 min
Delta R.T.: -0.012 min
Response: 5257898
Conc: 45.74 ug/ml

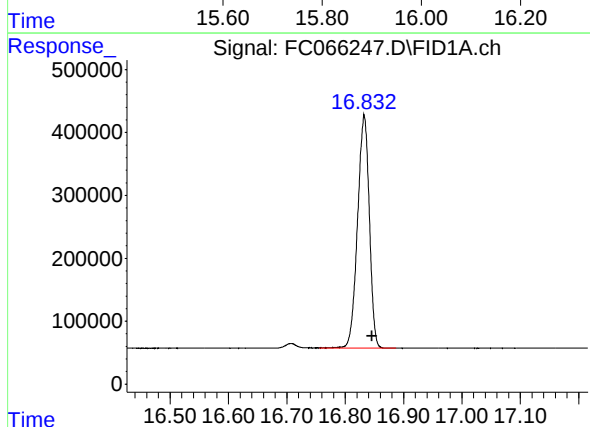
Instrument :

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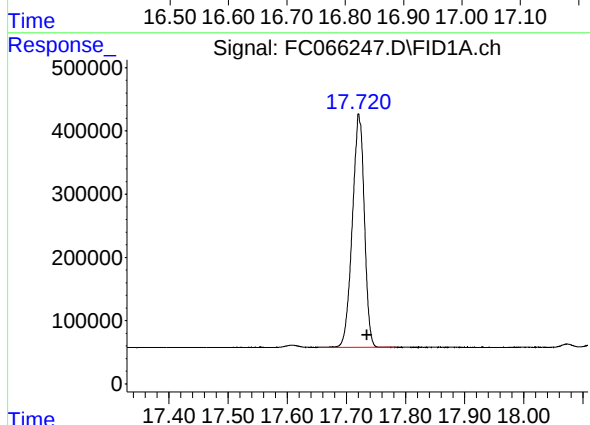
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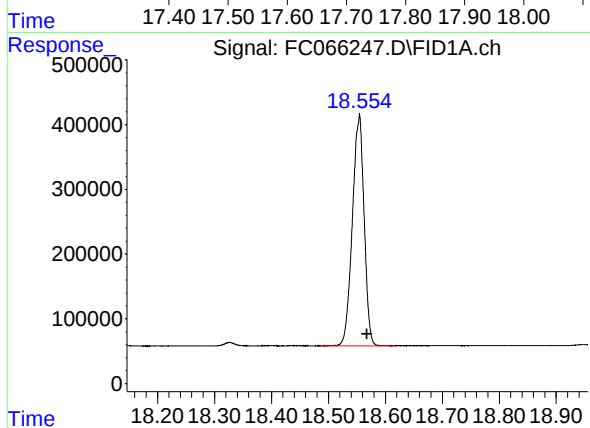
#16 n-Octacosane (C28)

R.T.: 16.832 min
Delta R.T.: -0.013 min
Response: 5190091
Conc: 45.80 ug/ml



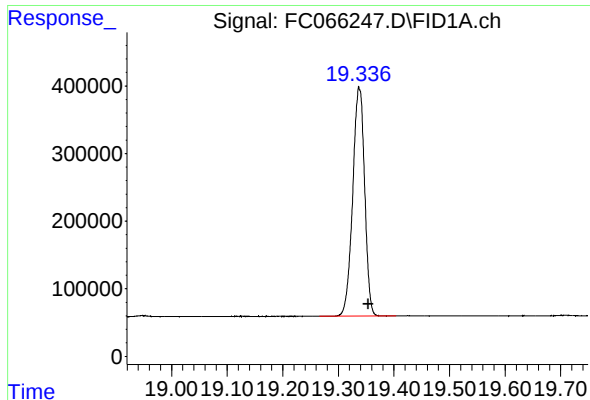
#17 n-Tricontane (C30)

R.T.: 17.721 min
Delta R.T.: -0.013 min
Response: 5204347
Conc: 44.92 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.554 min
Delta R.T.: -0.015 min
Response: 5109619
Conc: 44.50 ug/ml



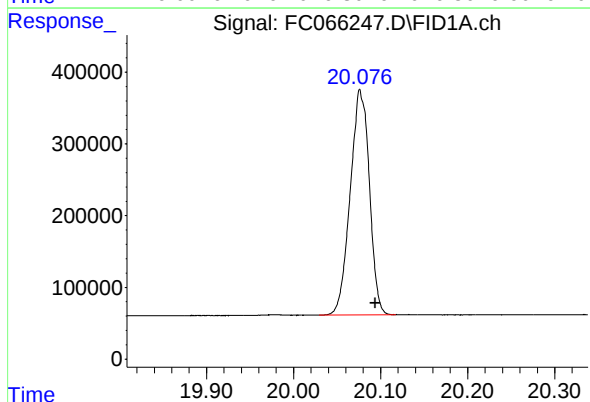
#19 n-Tetratriacontane (C34)

R.T.: 19.338 min
Delta R.T.: -0.017 min
Response: 5052318
Conc: 46.00 ug/ml

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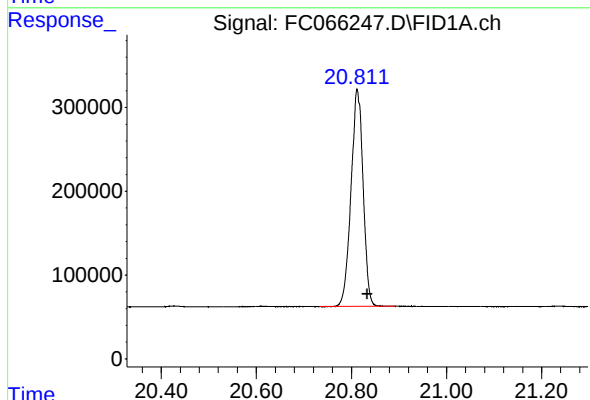
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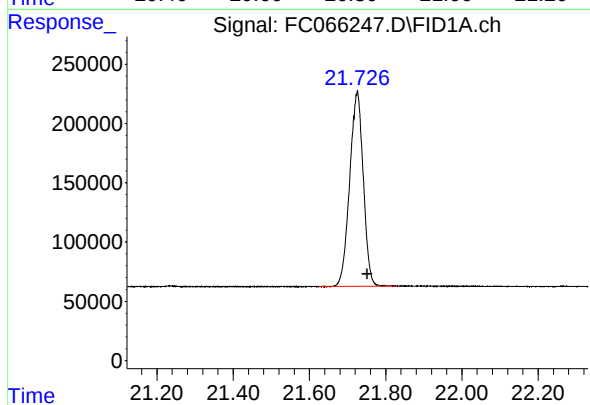
#20 n-Hexatriacontane (C36)

R.T.: 20.076 min
Delta R.T.: -0.018 min
Response: 4800528
Conc: 46.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.813 min
Delta R.T.: -0.021 min
Response: 4564031
Conc: 46.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.725 min
Delta R.T.: -0.027 min
Response: 4062688
Conc: 44.90 ug/ml