

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102924AL\
 Data File : FE050887.D
 Signal(s) : FID1B.ch
 Acq On : 29 Oct 2024 17:51
 Operator : YP\AJ
 Sample : P4597-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

RED-1-1MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/30/2024

Supervised By :Ankita Jodhani 10/30/2024

Integration File: autoint1.e

Quant Time: Oct 30 05:07:23 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 2024

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

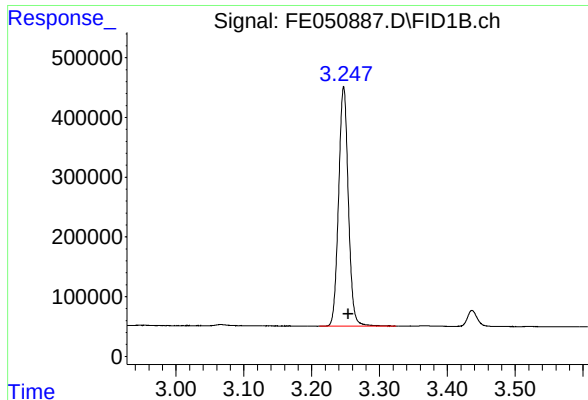
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.859	4137092	26.241 ug/ml
Spiked Amount 50.000		Recovery =	52.48%
12) S 1-chlorooctadecane (S...	13.292	3721494	31.460 ug/ml
Spiked Amount 50.000		Recovery =	62.92%
Target Compounds			
1) T n-Nonane (C9)	3.247	4002317	28.327 ug/ml
2) T n-Decane (C10)	4.498	4489391	31.290 ug/ml
3) T A~Naphthalene (C11.7)	6.209	4761766	33.301 ug/ml
4) T n-Dodecane (C12)	6.665	4863831	33.792 ug/ml
5) T A~2-methylnaphthalene...	7.304	4510494	34.047 ug/ml
6) T n-Tetradecane (C14)	8.493	5126732	35.834 ug/ml
7) T n-Hexadecane (C16)	10.097	5440557	36.968 ug/ml
8) T n-Octadecane (C18)	11.539	5806260	38.872 ug/ml
10) T n-Eicosane (C20)	12.848	6003172	41.863 ug/ml
11) T n-Heneicosane (C21)	13.459	5786013	41.201 ug/ml
13) T n-Docosane (C22)	14.044	5778379	41.187 ug/ml
14) T n-Tetracosane (C24)	15.146	11459776	81.116 ug/mlm
15) T n-Hexacosane (C26)	16.167	5755279	40.900 ug/ml
16) T n-Octacosane (C28)	17.115	5933740	40.550 ug/mlm
17) T n-Tricontane (C30)	18.001	6083335	38.259 ug/ml
18) T n-Dotriacontane (C32)	18.832	6216434	38.346 ug/ml
19) T n-Tetratriacontane (C34)	19.614	6322635	43.043 ug/ml
20) T n-Hexatriacontane (C36)	20.355	6330809	49.922 ug/mlm
21) T n-Octatriacontane (C38)	21.079	6360443	51.440 ug/ml
22) T n-Tetracontane (C40)	21.965	6067537	54.490 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



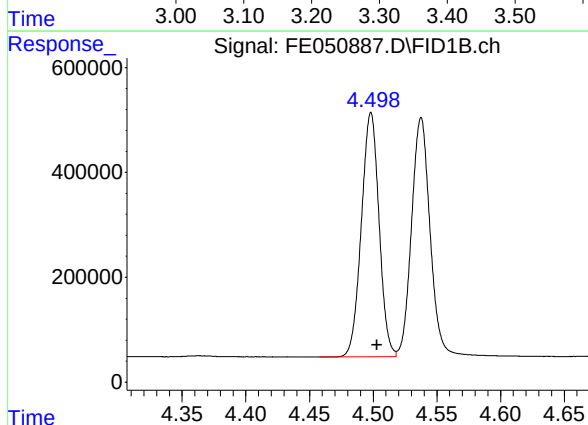
#1 n-Nonane (C9)

R.T.: 3.247 min
Delta R.T.: -0.007 min
Response: 4002317
Conc: 28.33 ug/ml

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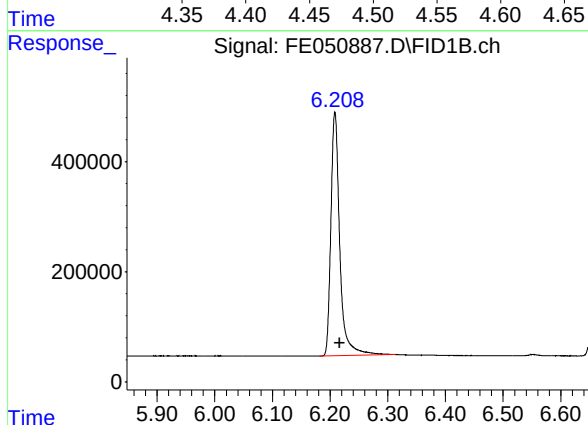
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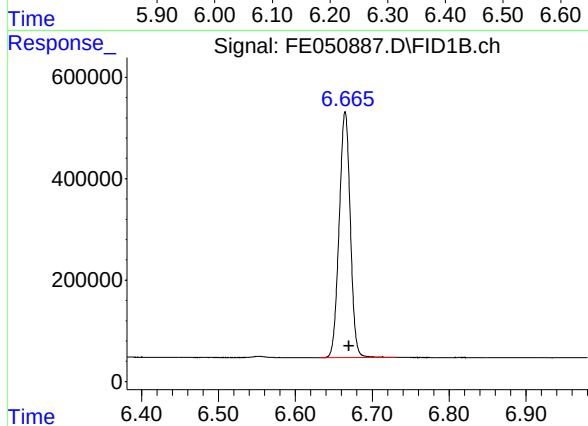
#2 n-Decane (C10)

R.T.: 4.498 min
Delta R.T.: -0.005 min
Response: 4489391
Conc: 31.29 ug/ml



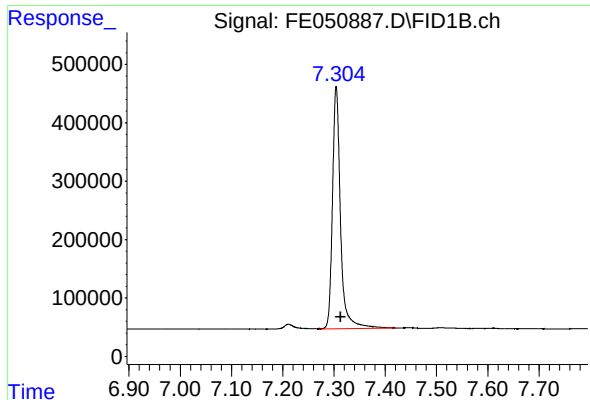
#3 A~Naphthalene (C11.7)

R.T.: 6.209 min
Delta R.T.: -0.008 min
Response: 4761766
Conc: 33.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.665 min
Delta R.T.: -0.005 min
Response: 4863831
Conc: 33.79 ug/ml



#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.304 min
Delta R.T.: -0.008 min
Response: 4510494
Conc: 34.05 ug/ml

Instrument :

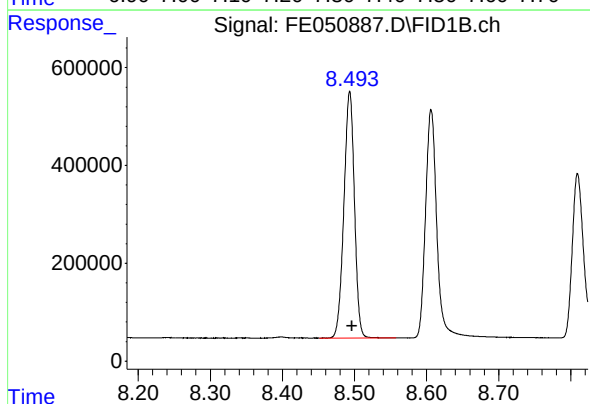
FID_E

ClientSampleId :

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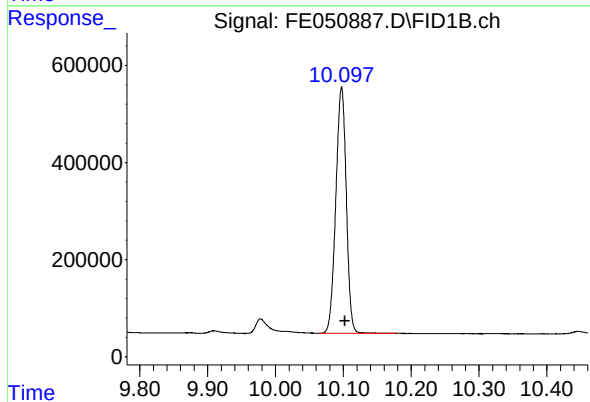
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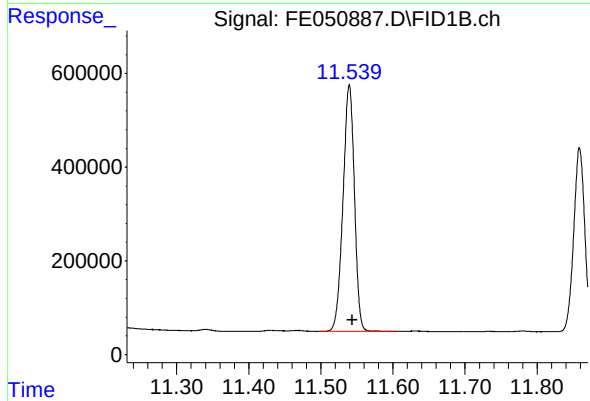
#6 n-Tetradecane (C14)

R.T.: 8.493 min
Delta R.T.: -0.003 min
Response: 5126732
Conc: 35.83 ug/ml



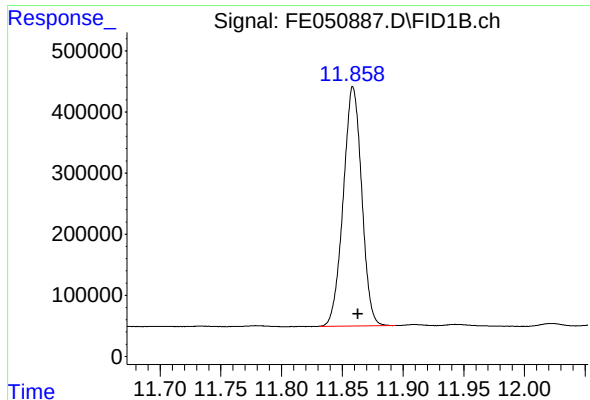
#7 n-Hexadecane (C16)

R.T.: 10.097 min
Delta R.T.: -0.005 min
Response: 5440557
Conc: 36.97 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.539 min
Delta R.T.: -0.004 min
Response: 5806260
Conc: 38.87 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.859 min
Delta R.T.: -0.004 min
Response: 4137092
Conc: 26.24 ug/ml

Instrument :

FID_E

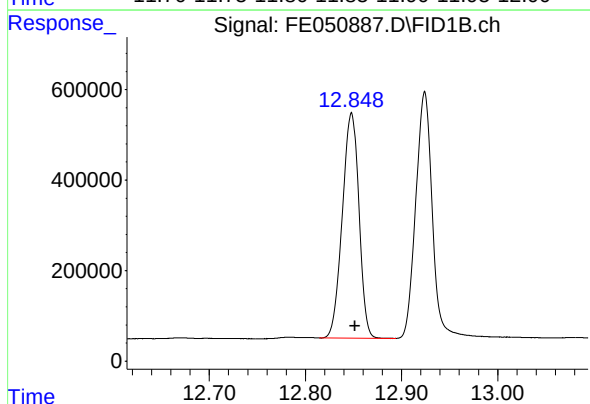
ClientSampleId :

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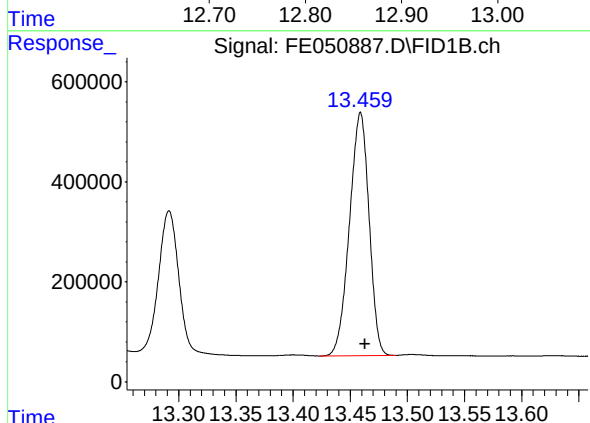
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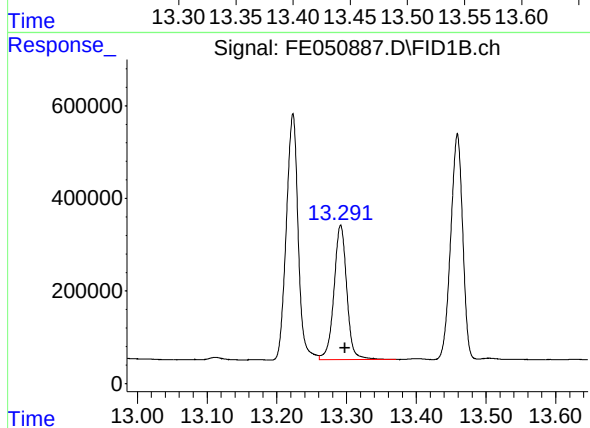
#10 n-Eicosane (C20)

R.T.: 12.848 min
Delta R.T.: -0.004 min
Response: 6003172
Conc: 41.86 ug/ml



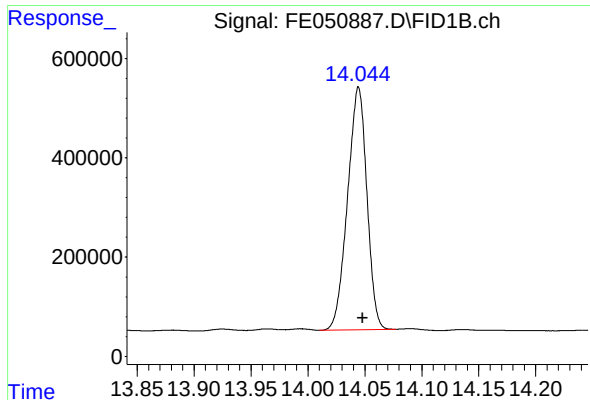
#11 n-Heneicosane (C21)

R.T.: 13.459 min
Delta R.T.: -0.004 min
Response: 5786013
Conc: 41.20 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.292 min
Delta R.T.: -0.006 min
Response: 3721494
Conc: 31.46 ug/ml



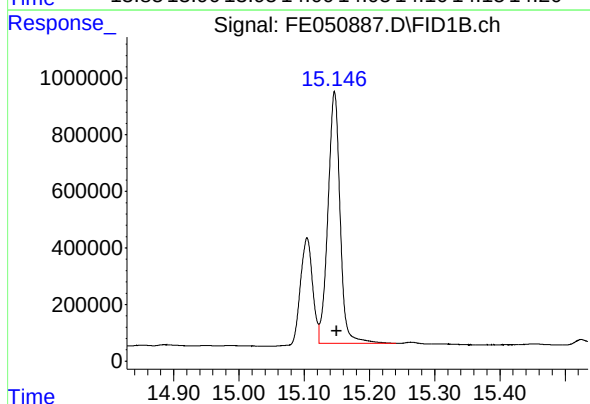
#13 n-Docosane (C22)

R.T.: 14.044 min
Delta R.T.: -0.004 min
Response: 5778379
Conc: 41.19 ug/ml

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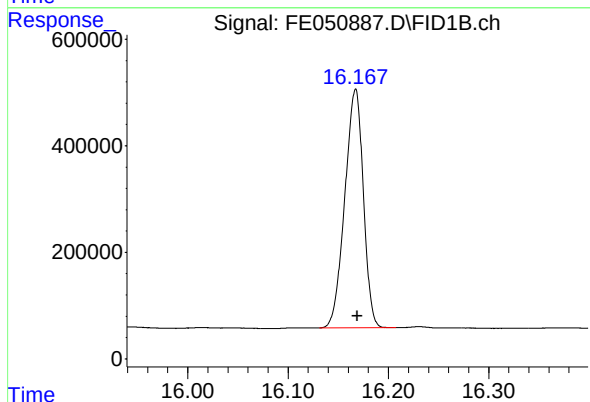
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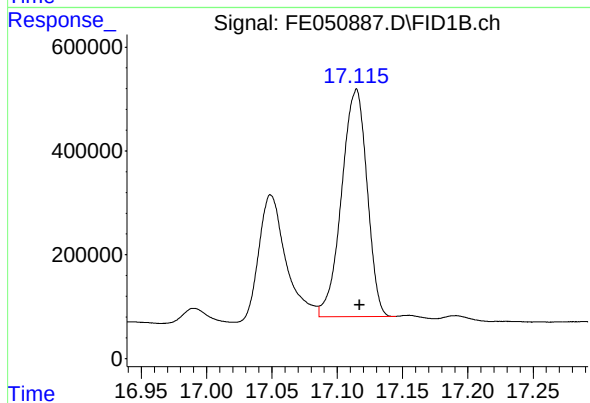
#14 n-Tetracosane (C24)

R.T.: 15.146 min
Delta R.T.: -0.004 min
Response: 11459776
Conc: 81.12 ug/ml m



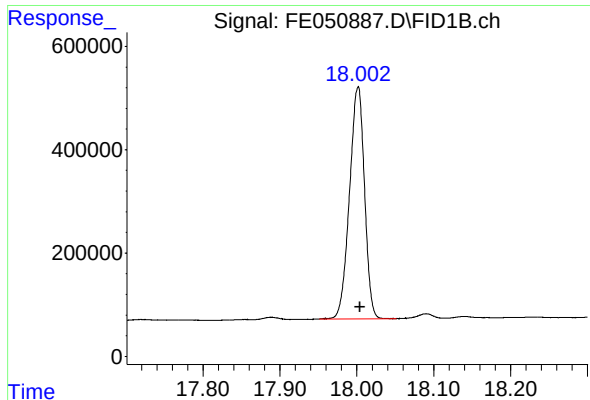
#15 n-Hexacosane (C26)

R.T.: 16.167 min
Delta R.T.: -0.002 min
Response: 5755279
Conc: 40.90 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.115 min
Delta R.T.: -0.003 min
Response: 5933740
Conc: 40.55 ug/ml m



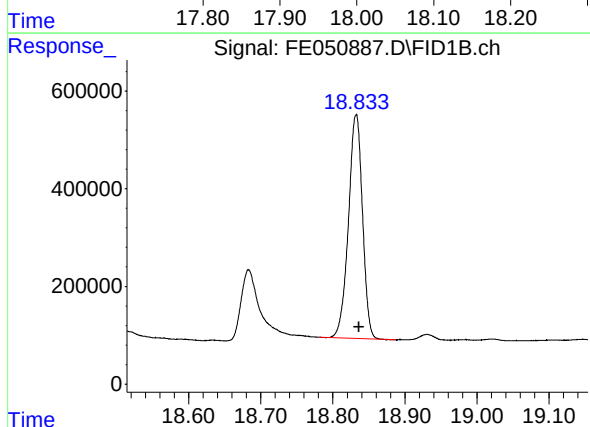
#17 n-Tricontane (C30)

R.T.: 18.001 min
Delta R.T.: -0.003 min
Response: 6083335
Conc: 38.26 ug/ml

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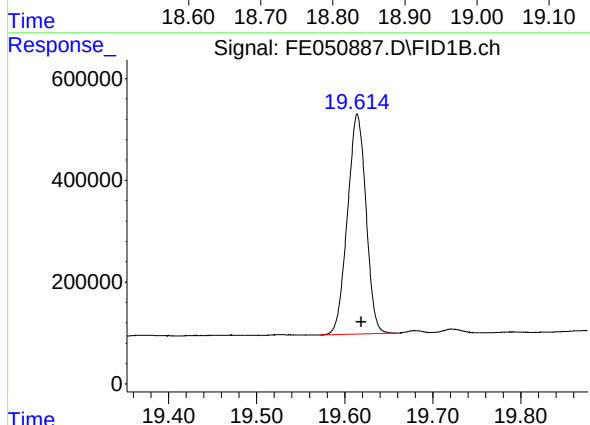
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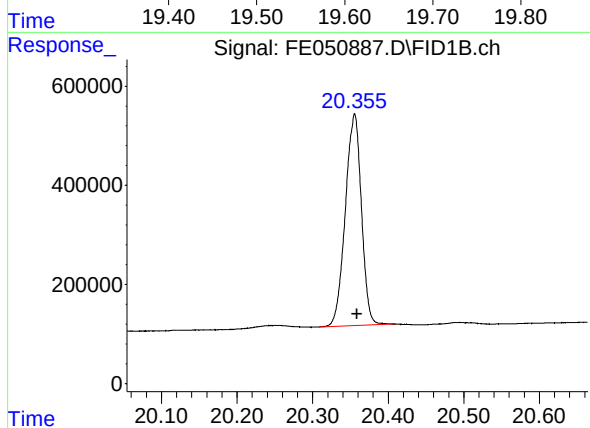
#18 n-Dotriacontane (C32)

R.T.: 18.832 min
Delta R.T.: -0.004 min
Response: 6216434
Conc: 38.35 ug/ml



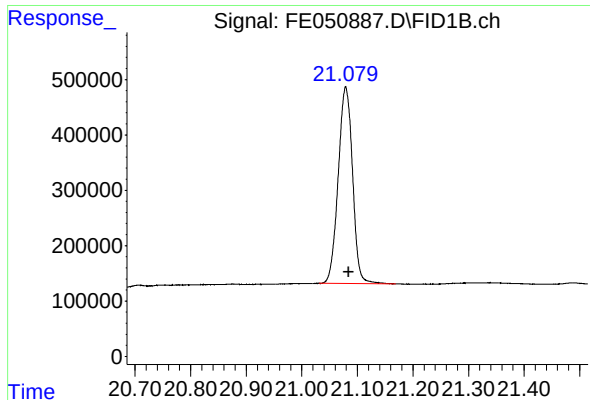
#19 n-Tetratriacontane (C34)

R.T.: 19.614 min
Delta R.T.: -0.004 min
Response: 6322635
Conc: 43.04 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.355 min
Delta R.T.: -0.003 min
Response: 6330809
Conc: 49.92 ug/ml m



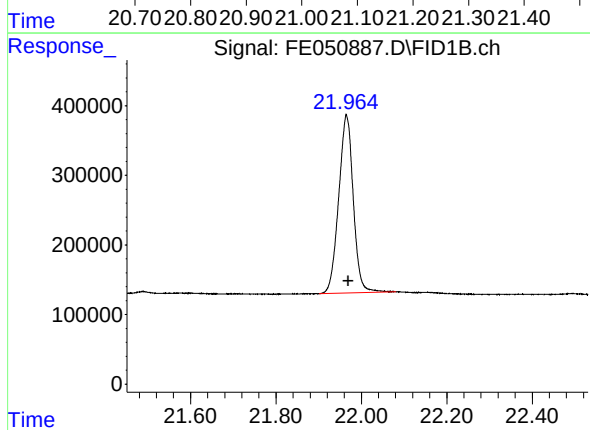
#21 n-Octatriacontane (C38)

R.T.: 21.079 min
Delta R.T.: -0.005 min
Response: 6360443
Conc: 51.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.965 min
Delta R.T.: -0.004 min
Response: 6067537
Conc: 54.49 ug/ml