

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040323AL\
 Data File : FE041123.D
 Signal(s) : FID1B.ch
 Acq On : 03 Apr 2023 14:47
 Operator : YP\AJ
 Sample : PB151856BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB151856BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/04/2023

Supervised By :Ankita Jodhani 04/04/2023

Integration File: autoint1.e

Quant Time: Apr 03 22:19:45 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M

Quant Title : GC Extractables

QLast Update : Sat Mar 25 06:32:15 2023

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

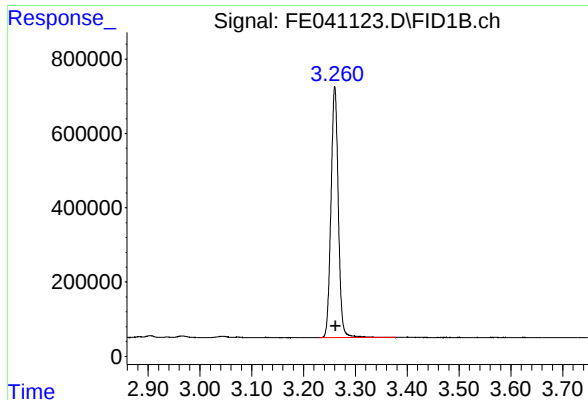
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.858	7377705	39.256 ug/ml
Spiked Amount 50.000		Recovery =	78.51%
12) S 1-chlorooctadecane (S...	13.298	6064538	42.150 ug/ml
Spiked Amount 50.000		Recovery =	84.30%
Target Compounds			
1) T n-Nonane (C9)	3.260	6652630	38.341 ug/ml
2) T n-Decane (C10)	4.504	6990885	41.070 ug/ml
3) T A~Naphthalene (C11.7)	6.202	7683244	42.006 ug/ml
4) T n-Dodecane (C12)	6.664	7402140	42.673 ug/ml
5) T A~2-methylnaphthalene...	7.297	7297797	44.065 ug/ml
6) T n-Tetradecane (C14)	8.493	7423960	42.577 ug/ml
7) T n-Hexadecane (C16)	10.100	7668569	43.117 ug/ml
8) T n-Octadecane (C18)	11.543	7639050	42.783 ug/ml
10) T n-Eicosane (C20)	12.854	7559731	44.319 ug/ml
11) T n-Heneicosane (C21)	13.465	7205811	42.591 ug/ml
13) T n-Docosane (C22)	14.053	7106878	42.946 ug/ml
14) T n-Tetracosane (C24)	15.152	13507863	83.492 ug/ml
15) T n-Hexacosane (C26)	16.180	6726005	43.389 ug/ml
16) T n-Octacosane (C28)	17.131	6722951	43.889 ug/ml
17) T n-Tricontane (C30)	18.023	6582986	43.067 ug/ml
18) T n-Dotriacontane (C32)	18.854	6442245	41.263 ug/ml
19) T n-Tetratriacontane (C34)	19.640	6373576	41.128 ug/ml
20) T n-Hexatriacontane (C36)	20.382	6153847	40.513 ug/mlm
21) T n-Octatriacontane (C38)	21.109	6296440	40.305 ug/ml
22) T n-Tetracontane (C40)	21.997	6372406	39.926 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.



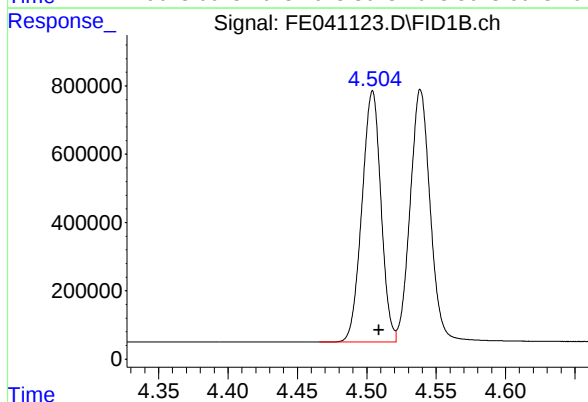
#1 n-Nonane (C9)

R.T.: 3.260 min
Delta R.T.: -0.002 min
Response: 6652630
Conc: 38.34 ug/ml

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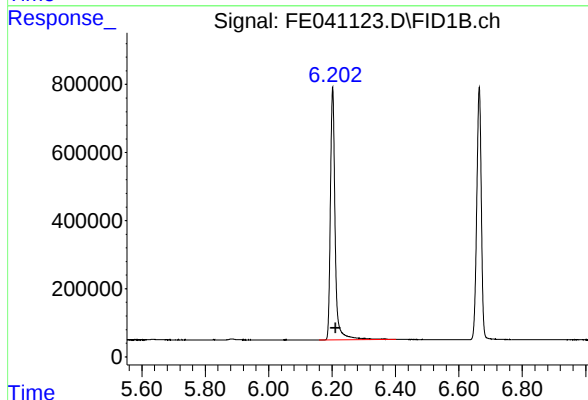
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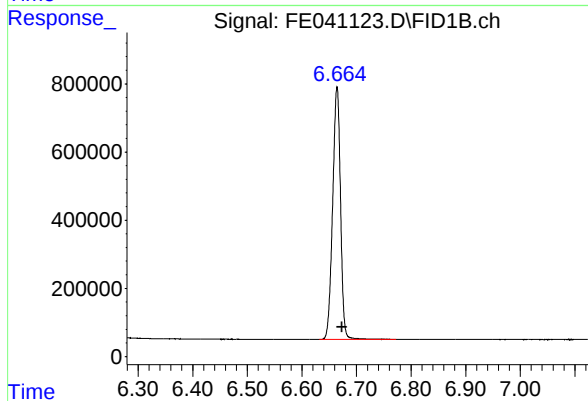
#2 n-Decane (C10)

R.T.: 4.504 min
Delta R.T.: -0.005 min
Response: 6990885
Conc: 41.07 ug/ml



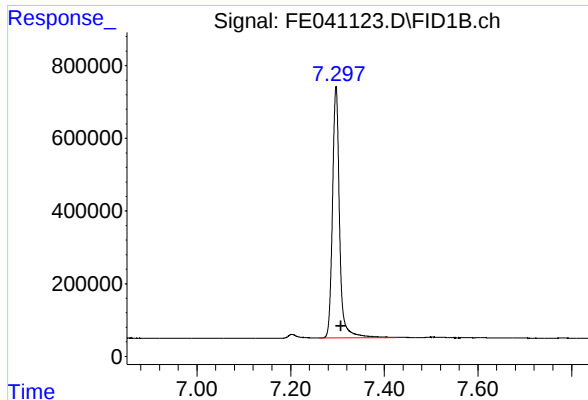
#3 A~Naphthalene (C11.7)

R.T.: 6.202 min
Delta R.T.: -0.010 min
Response: 7683244
Conc: 42.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.664 min
Delta R.T.: -0.009 min
Response: 7402140
Conc: 42.67 ug/ml



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

R.T.: 7.297 min
Delta R.T.: -0.010 min
Response: 7297797
Conc: 44.07 ug/ml

Instrument :

FID_E

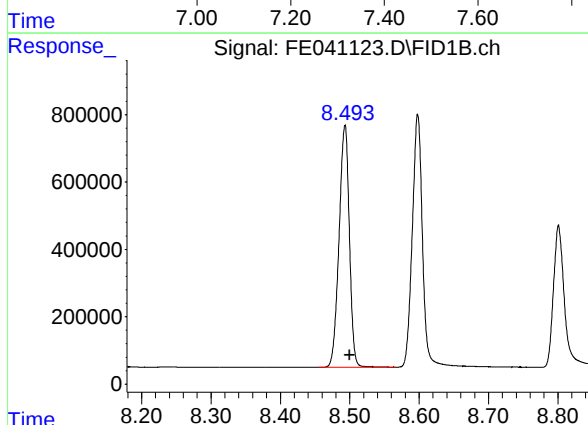
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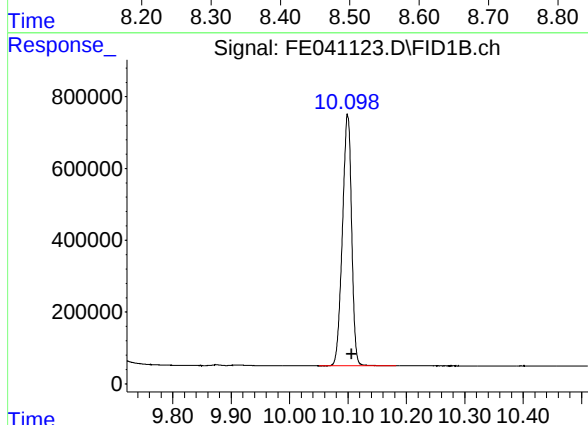
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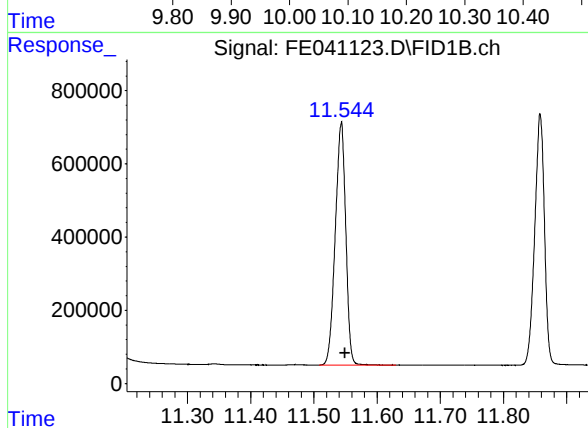
#6 n-Tetradecane (C14)

R.T.: 8.493 min
Delta R.T.: -0.007 min
Response: 7423960
Conc: 42.58 ug/ml



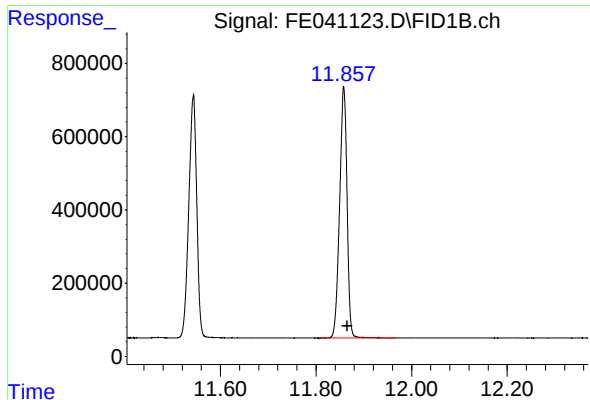
#7 n-Hexadecane (C16)

R.T.: 10.100 min
Delta R.T.: -0.007 min
Response: 7668569
Conc: 43.12 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.543 min
Delta R.T.: -0.006 min
Response: 7639050
Conc: 42.78 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.858 min
Delta R.T.: -0.007 min
Response: 7377705
Conc: 39.26 ug/ml

Instrument :

FID_E

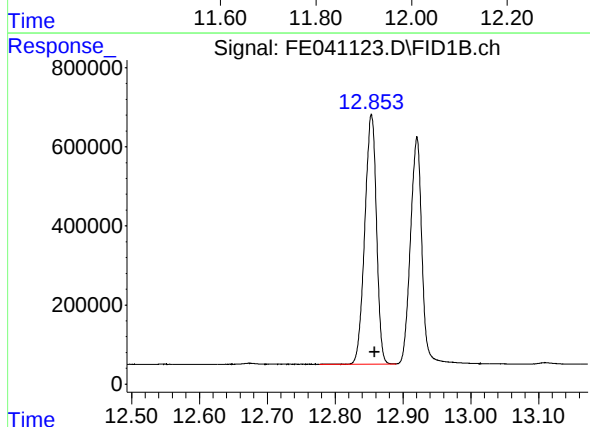
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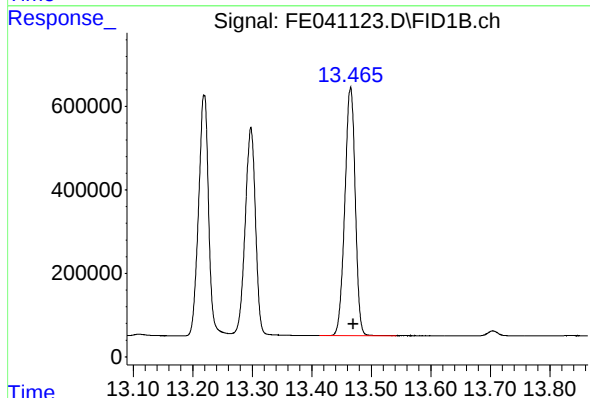
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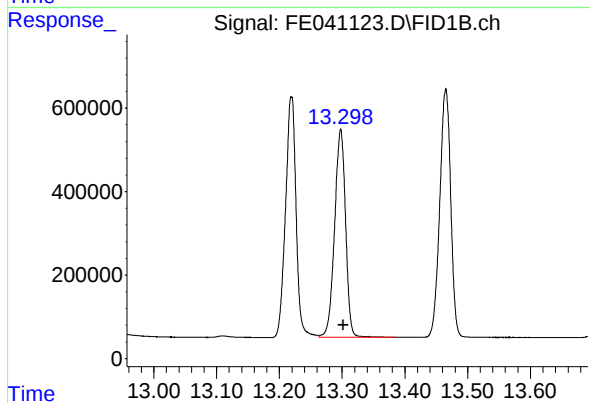
#10 n-Eicosane (C20)

R.T.: 12.854 min
Delta R.T.: -0.005 min
Response: 7559731
Conc: 44.32 ug/ml



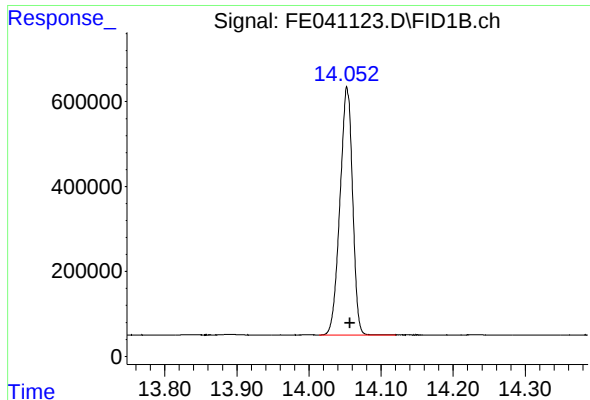
#11 n-Heneicosane (C21)

R.T.: 13.465 min
Delta R.T.: -0.005 min
Response: 7205811
Conc: 42.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.298 min
Delta R.T.: -0.004 min
Response: 6064538
Conc: 42.15 ug/ml



#13 n-Docosane (C22)

R.T.: 14.053 min
Delta R.T.: -0.004 min
Response: 7106878
Conc: 42.95 ug/ml

Instrument :

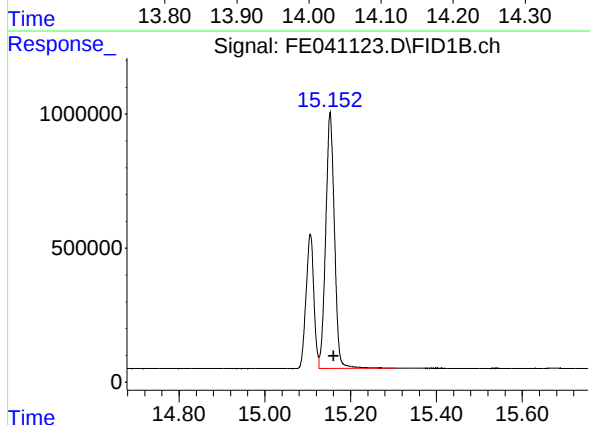
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ClientSampleId :

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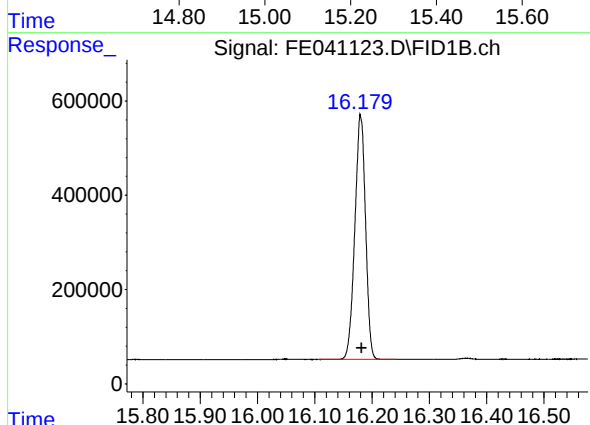
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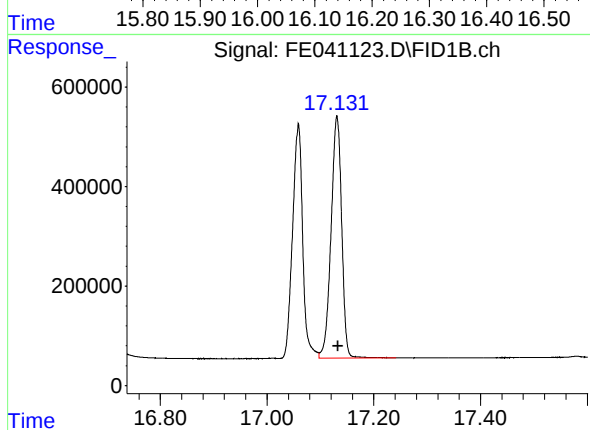
#14 n-Tetracosane (C24)

R.T.: 15.152 min
Delta R.T.: -0.009 min
Response: 13507863
Conc: 83.49 ug/ml



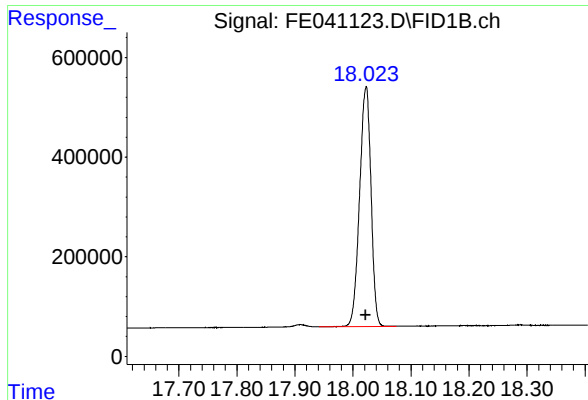
#15 n-Hexacosane (C26)

R.T.: 16.180 min
Delta R.T.: -0.002 min
Response: 6726005
Conc: 43.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.131 min
Delta R.T.: -0.002 min
Response: 6722951
Conc: 43.89 ug/ml



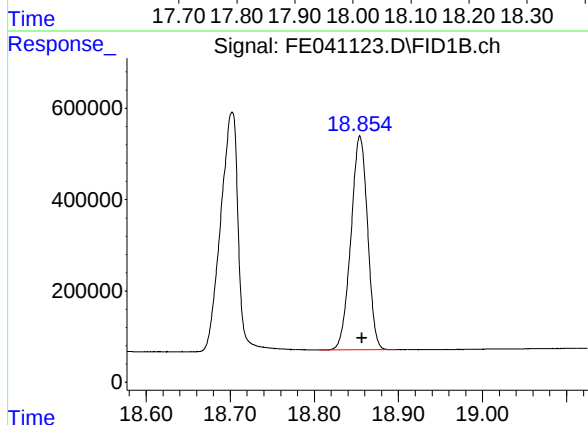
#17 n-Tricontane (C30)

R.T.: 18.023 min
Delta R.T.: 0.000 min
Response: 6582986
Conc: 43.07 ug/ml

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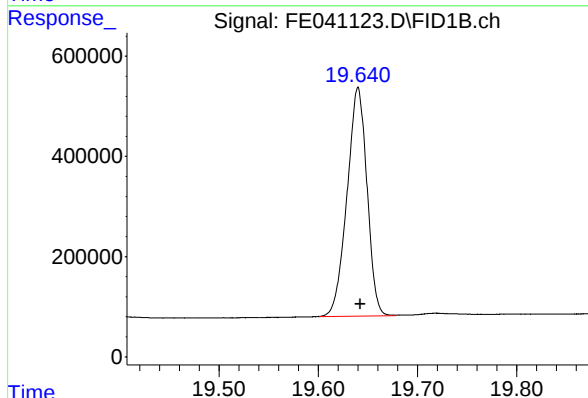
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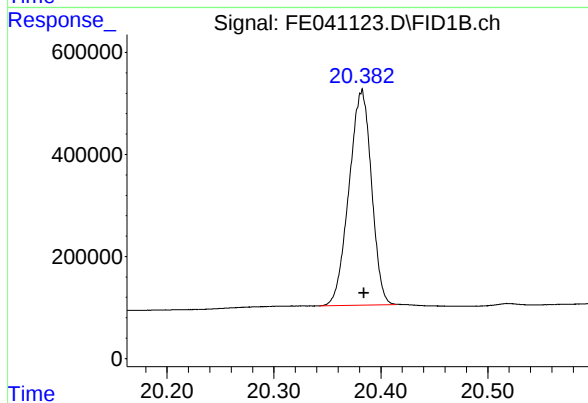
#18 n-Dotriacontane (C32)

R.T.: 18.854 min
Delta R.T.: -0.003 min
Response: 6442245
Conc: 41.26 ug/ml



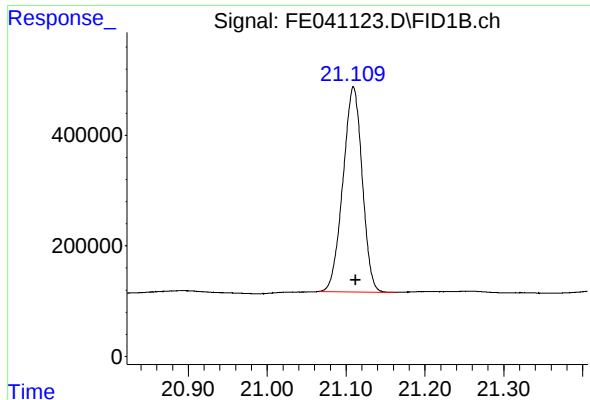
#19 n-Tetratriacontane (C34)

R.T.: 19.640 min
Delta R.T.: -0.002 min
Response: 6373576
Conc: 41.13 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.382 min
Delta R.T.: -0.002 min
Response: 6153847
Conc: 40.51 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.109 min
Delta R.T.: -0.003 min
Response: 6296440
Conc: 40.31 ug/ml

Instrument :

FID_E

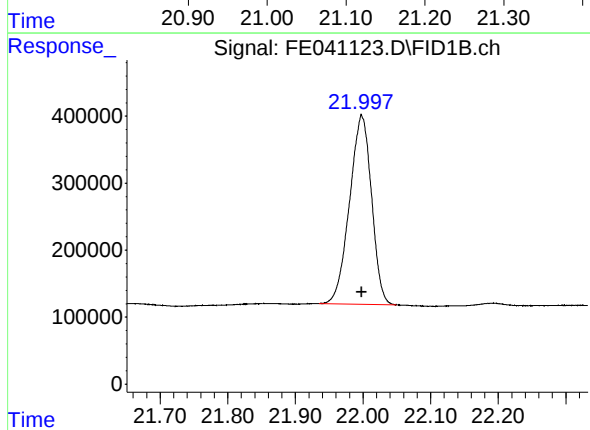
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#22 n-Tetracontane (C40)

R.T.: 21.997 min
Delta R.T.: 0.000 min
Response: 6372406
Conc: 39.93 ug/ml m