

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070323AL\
 Data File : FG012324.D
 Signal(s) : FID1A.ch
 Acq On : 03 Jul 2023 11:06
 Operator : YP\AJ
 Sample : PB153946BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

PB153946BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 07/05/2023

Supervised By :Ankita Jodhani 07/05/2023

Integration File: autoint1.e

Quant Time: Jul 04 03:07:35 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 062023.M

Quant Title : GC Extractables

QLast Update : Tue Jun 20 14:37:23 2023

Response via : Initial Calibration

Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

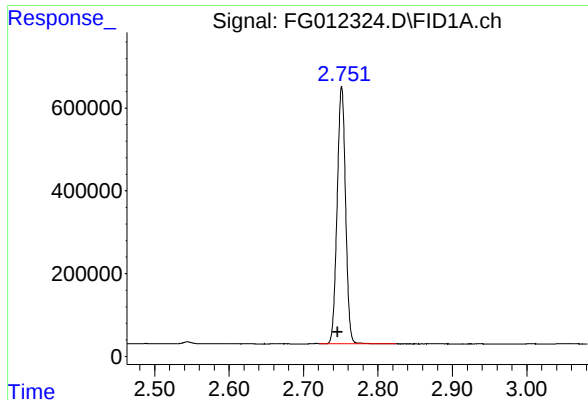
Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	10.899	6023712	39.814 ug/ml
Spiked Amount 50.000		Recovery =	79.63%
12) S 1-chlorooctadecane (S...	12.337	4920946	43.689 ug/ml
Spiked Amount 50.000		Recovery =	87.38%
Target Compounds			
1) T n-Nonane (C9)	2.751	4877003	41.180 ug/ml
2) T n-Decane (C10)	3.756	5104979	41.930 ug/ml
3) T A~Naphthalene (C11.7)	5.318	6057535	44.201 ug/ml
4) T n-Dodecane (C12)	5.741	5452176	43.631 ug/ml
5) T A~2-methylnaphthalene...	6.369	5966229	45.634 ug/ml
6) T n-Tetradecane (C14)	7.537	5593612	44.650 ug/ml
7) T n-Hexadecane (C16)	9.138	5743717	43.564 ug/ml
8) T n-Octadecane (C18)	10.582	5981823	43.978 ug/ml
10) T n-Eicosane (C20)	11.893	5827002	44.331 ug/ml
11) T n-Heneicosane (C21)	12.505	5730701	44.686 ug/ml
13) T n-Docosane (C22)	13.091	5649454	44.505 ug/ml
14) T n-Tetracosane (C24)	14.191	10932043	82.136 ug/ml
15) T n-Hexacosane (C26)	15.221	5293033	43.168 ug/ml
16) T n-Octacosane (C28)	16.171	5246264	43.374 ug/ml
17) T n-Tricontane (C30)	17.060	5098207	40.977 ug/ml
18) T n-Dotriacontane (C32)	17.893	5101934	41.168 ug/ml
19) T n-Tetratriacontane (C34)	18.677	4871421	40.730 ug/ml
20) T n-Hexatriacontane (C36)	19.419	4663217	40.464 ug/ml
21) T n-Octatriacontane (C38)	20.155	4558868	39.889 ug/ml
22) T n-Tetracontane (C40)	21.069	4463606	39.440 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



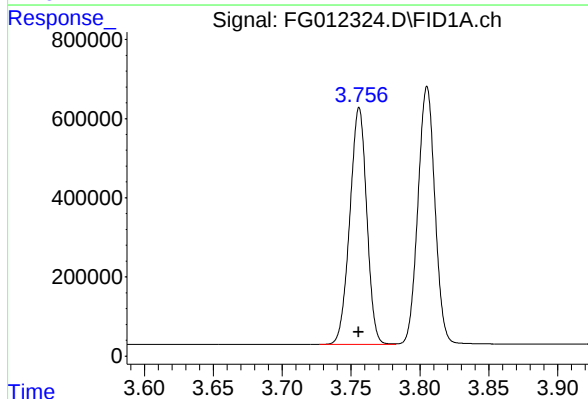
#1 n-Nonane (C9)

R.T.: 2.751 min
Delta R.T.: 0.005 min
Response: 4877003
Conc: 41.18 ug/ml

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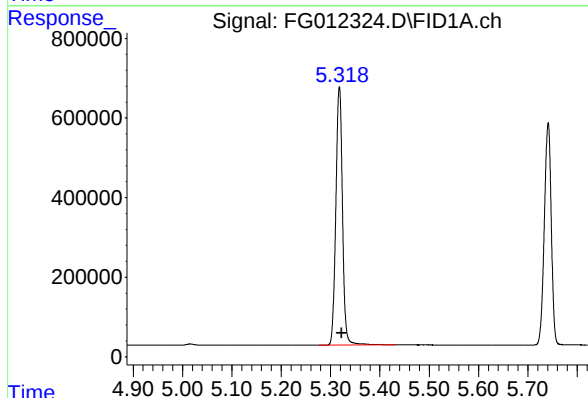
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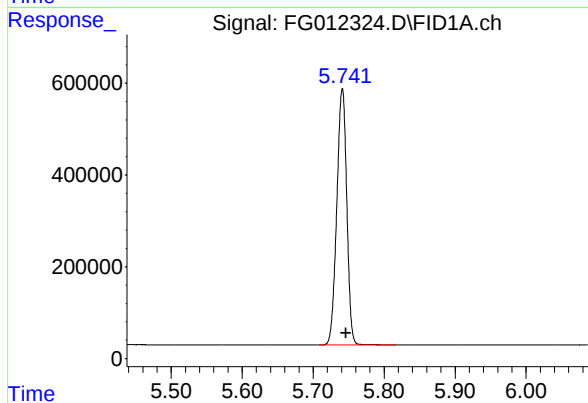
#2 n-Decane (C10)

R.T.: 3.756 min
Delta R.T.: 0.000 min
Response: 5104979
Conc: 41.93 ug/ml



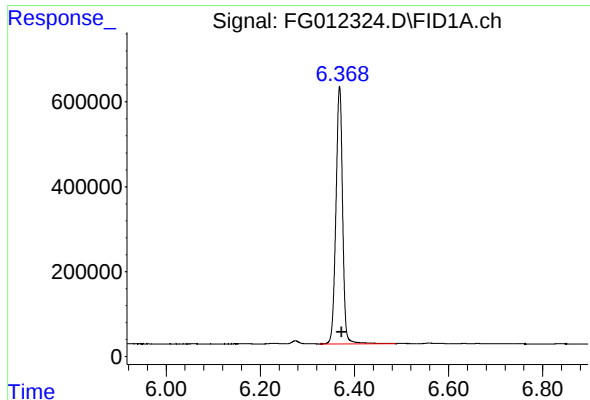
#3 A~Naphthalene (C11.7)

R.T.: 5.318 min
Delta R.T.: -0.005 min
Response: 6057535
Conc: 44.20 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.741 min
Delta R.T.: -0.005 min
Response: 5452176
Conc: 43.63 ug/ml



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

R.T.: 6.369 min
Delta R.T.: -0.005 min
Response: 5966229
Conc: 45.63 ug/ml

Instrument :

FID_G

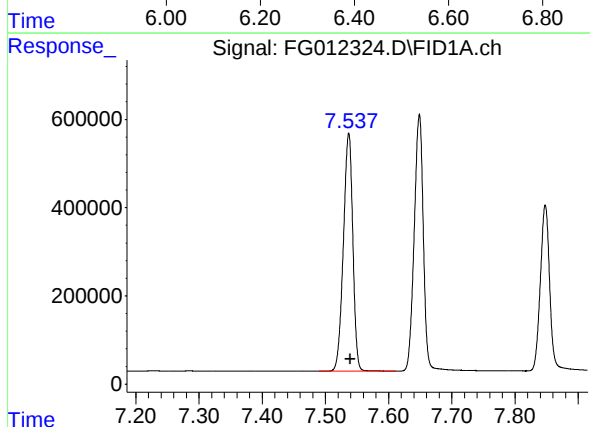
ClientSampleId :

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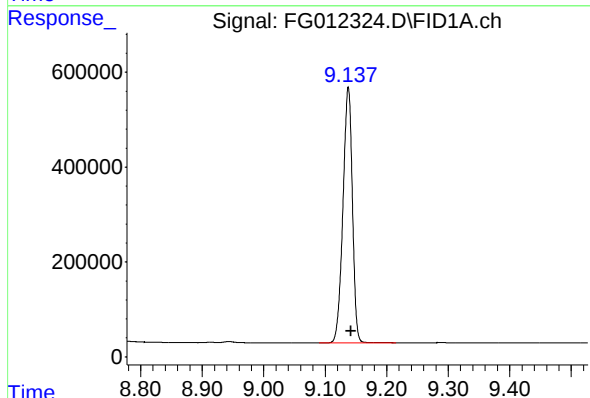
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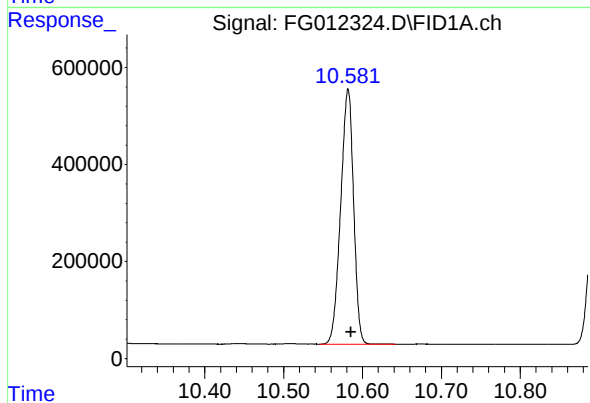
#6 n-Tetradecane (C14)

R.T.: 7.537 min
Delta R.T.: -0.003 min
Response: 5593612
Conc: 44.65 ug/ml



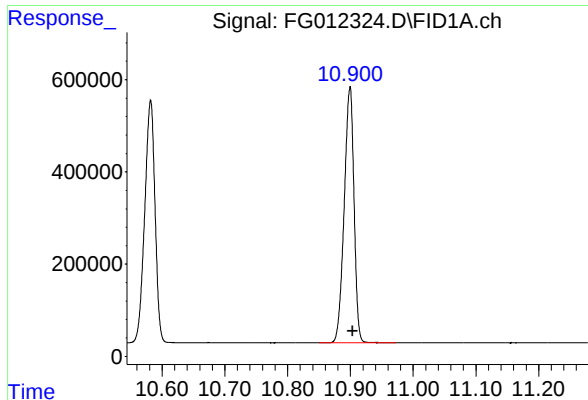
#7 n-Hexadecane (C16)

R.T.: 9.138 min
Delta R.T.: -0.004 min
Response: 5743717
Conc: 43.56 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.582 min
Delta R.T.: -0.004 min
Response: 5981823
Conc: 43.98 ug/ml



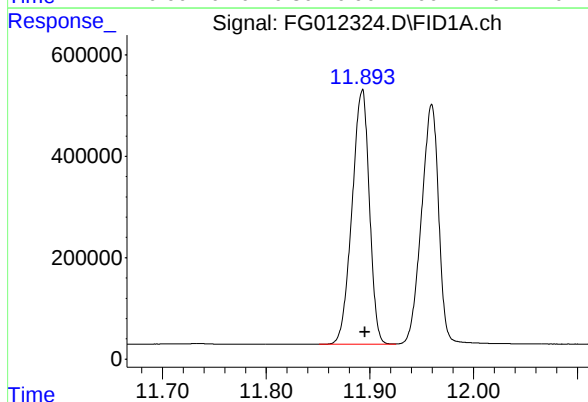
#9 ortho-Terphenyl (SURR)

R.T.: 10.899 min
Delta R.T.: -0.004 min
Response: 6023712
Conc: 39.81 ug/ml

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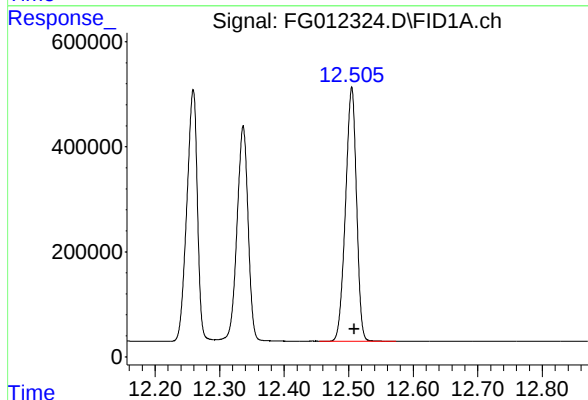
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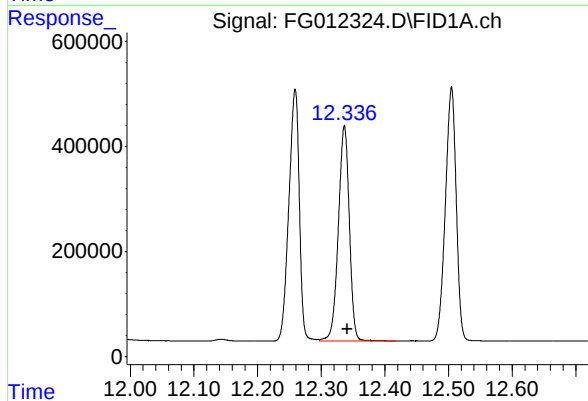
#10 n-Eicosane (C20)

R.T.: 11.893 min
Delta R.T.: -0.003 min
Response: 5827002
Conc: 44.33 ug/ml



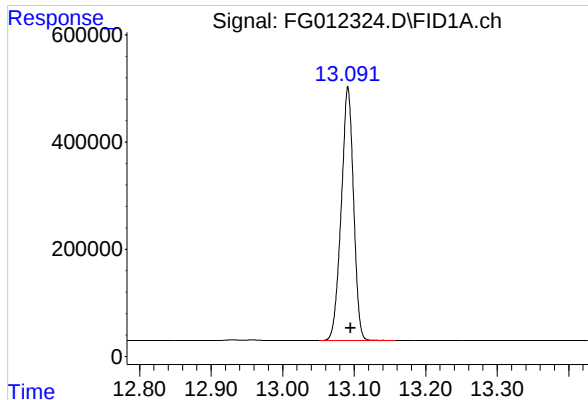
#11 n-Heneicosane (C21)

R.T.: 12.505 min
Delta R.T.: -0.004 min
Response: 5730701
Conc: 44.69 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.337 min
Delta R.T.: -0.004 min
Response: 4920946
Conc: 43.69 ug/ml



#13 n-Docosane (C22)

R.T.: 13.091 min
Delta R.T.: -0.004 min
Response: 5649454
Conc: 44.51 ug/ml

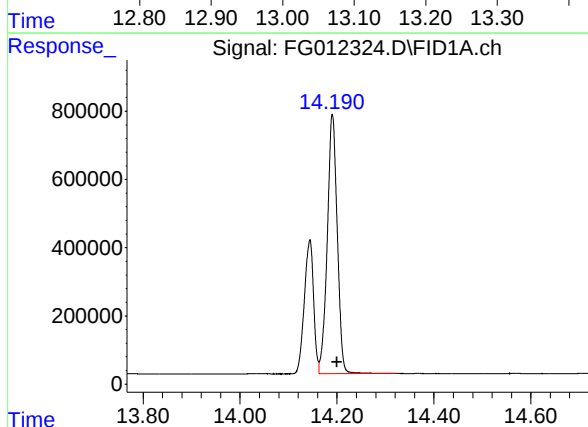
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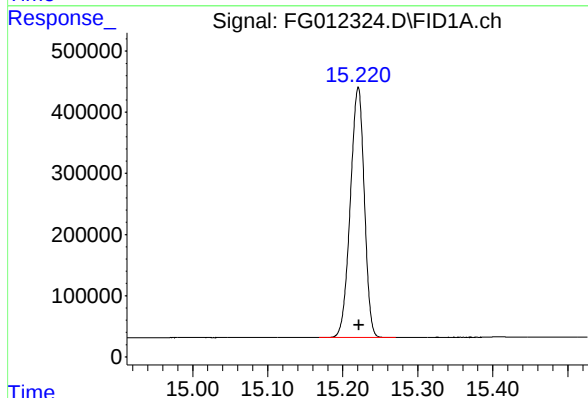
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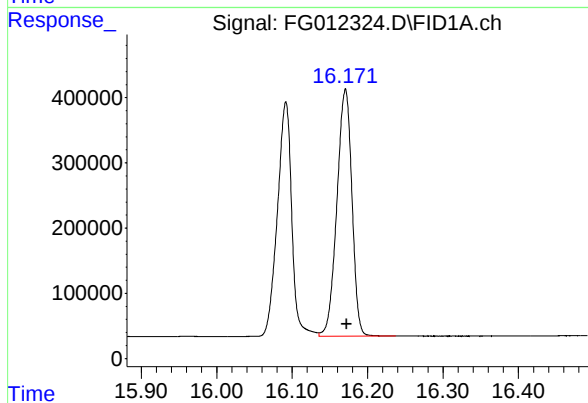
#14 n-Tetracosane (C24)

R.T.: 14.191 min
Delta R.T.: -0.009 min
Response: 10932043
Conc: 82.14 ug/ml



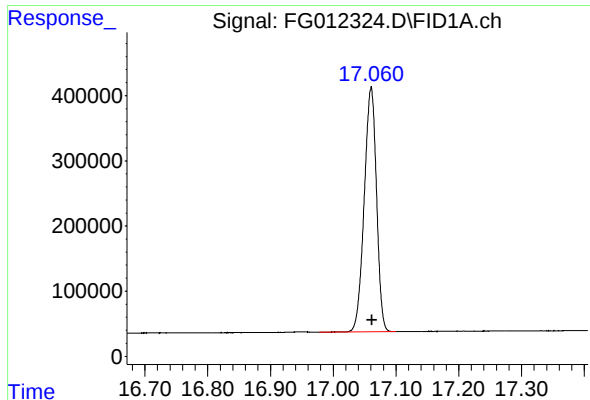
#15 n-Hexacosane (C26)

R.T.: 15.221 min
Delta R.T.: -0.001 min
Response: 5293033
Conc: 43.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.171 min
Delta R.T.: -0.002 min
Response: 5246264
Conc: 43.37 ug/ml



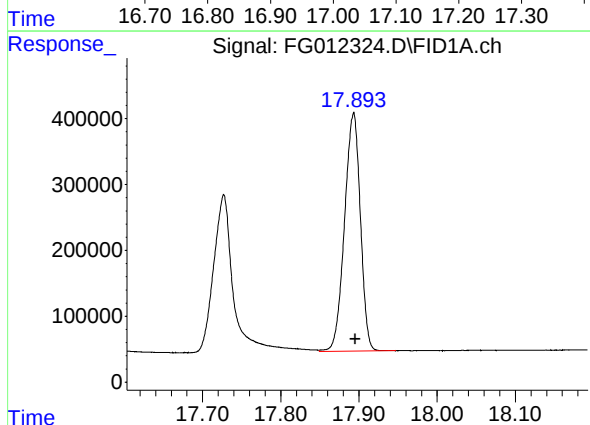
#17 n-Tricontane (C30)

R.T.: 17.060 min
Delta R.T.: -0.001 min
Response: 5098207
Conc: 40.98 ug/ml

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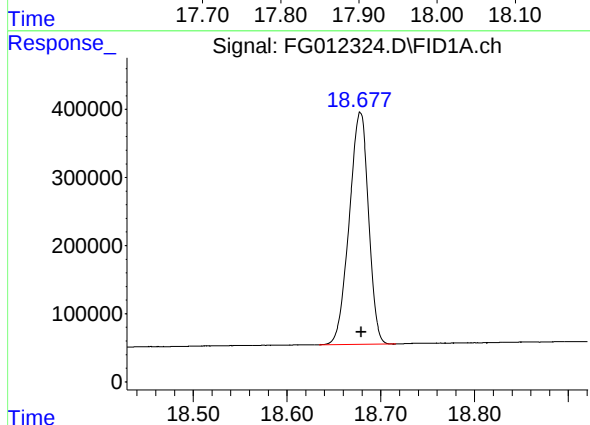
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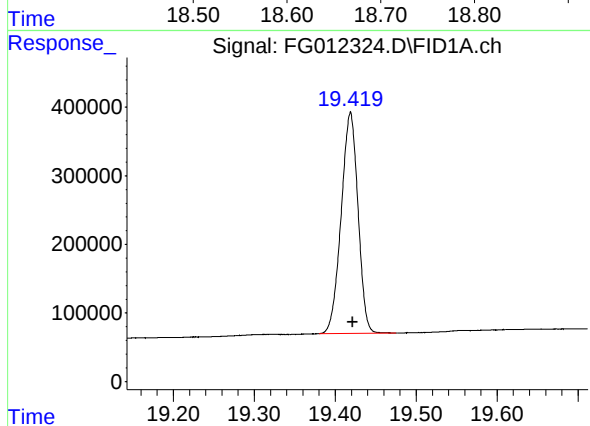
#18 n-Dotriacontane (C32)

R.T.: 17.893 min
Delta R.T.: -0.002 min
Response: 5101934
Conc: 41.17 ug/ml



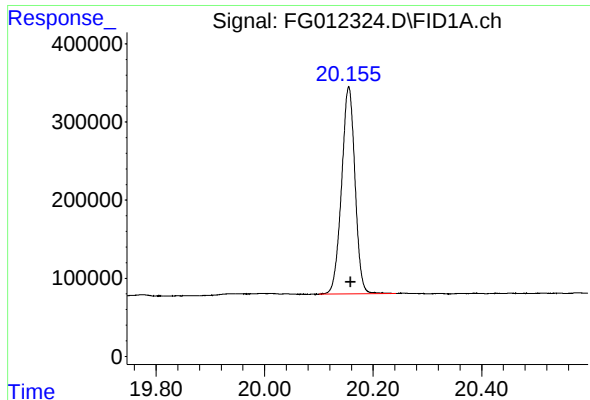
#19 n-Tetratriacontane (C34)

R.T.: 18.677 min
Delta R.T.: -0.002 min
Response: 4871421
Conc: 40.73 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.419 min
Delta R.T.: -0.003 min
Response: 4663217
Conc: 40.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.155 min
Delta R.T.: -0.004 min
Response: 4558868
Conc: 39.89 ug/ml

Instrument :

FID_G

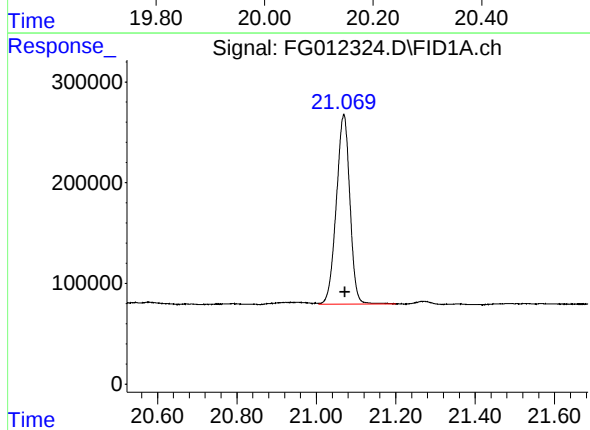
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#22 n-Tetracontane (C40)

R.T.: 21.069 min
Delta R.T.: -0.003 min
Response: 4463606
Conc: 39.44 ug/ml