

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F110723AL\
 Data File : FC065039.D
 Signal(s) : FID1A.ch
 Acq On : 07 Nov 2023 21:17
 Operator : YP/AJ
 Sample : PB156949BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB156949BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/08/2023

Supervised By :Ankita Jodhani 11/08/2023

Integration File: autoint1.e

Quant Time: Nov 07 23:36:56 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M

Quant Title : GC Extractables

QLast Update : Sat Oct 28 02:12:00 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			
12) S 1-chlorooctadecane (S...	12.949	6207373	39.266 ug/ml
Spiked Amount 50.000		Recovery =	78.53%
Target Compounds			
1) T n-Nonane (C9)	3.311	4265573	22.561 ug/ml
2) T n-Decane (C10)	4.372	5265857	27.694 ug/ml
4) T n-Dodecane (C12)	6.383	6144880	31.810 ug/ml
6) T n-Tetradecane (C14)	8.172	6741461	35.728 ug/ml
7) T n-Hexadecane (C16)	9.767	7232761	38.264 ug/ml
8) T n-Octadecane (C18)	11.203	7597085	40.254 ug/ml
10) T n-Eicosane (C20)	12.507	7982317	44.400 ug/ml
11) T n-Heneicosane (C21)	13.115	7670477	43.689 ug/ml
13) T n-Docosane (C22)	13.699	7609602	44.301 ug/ml
14) T n-Tetracosane (C24)	14.797	7380619	44.313 ug/ml
15) T n-Hexacosane (C26)	15.813	7158617	44.600 ug/ml
16) T n-Octacosane (C28)	16.758	6968325	44.526 ug/ml
17) T n-Tricontane (C30)	17.643	6899927	43.562 ug/ml
18) T n-Dotriacontane (C32)	18.472	6816528	43.172 ug/ml
19) T n-Tetratriacontane (C34)	19.253	6667083	43.679 ug/mlm
20) T n-Hexatriacontane (C36)	19.988	6369160	42.213 ug/ml
21) T n-Octatriacontane (C38)	20.711	6323077	42.489 ug/mlm
22) T n-Tetracontane (C40)	21.593	6064269	41.231 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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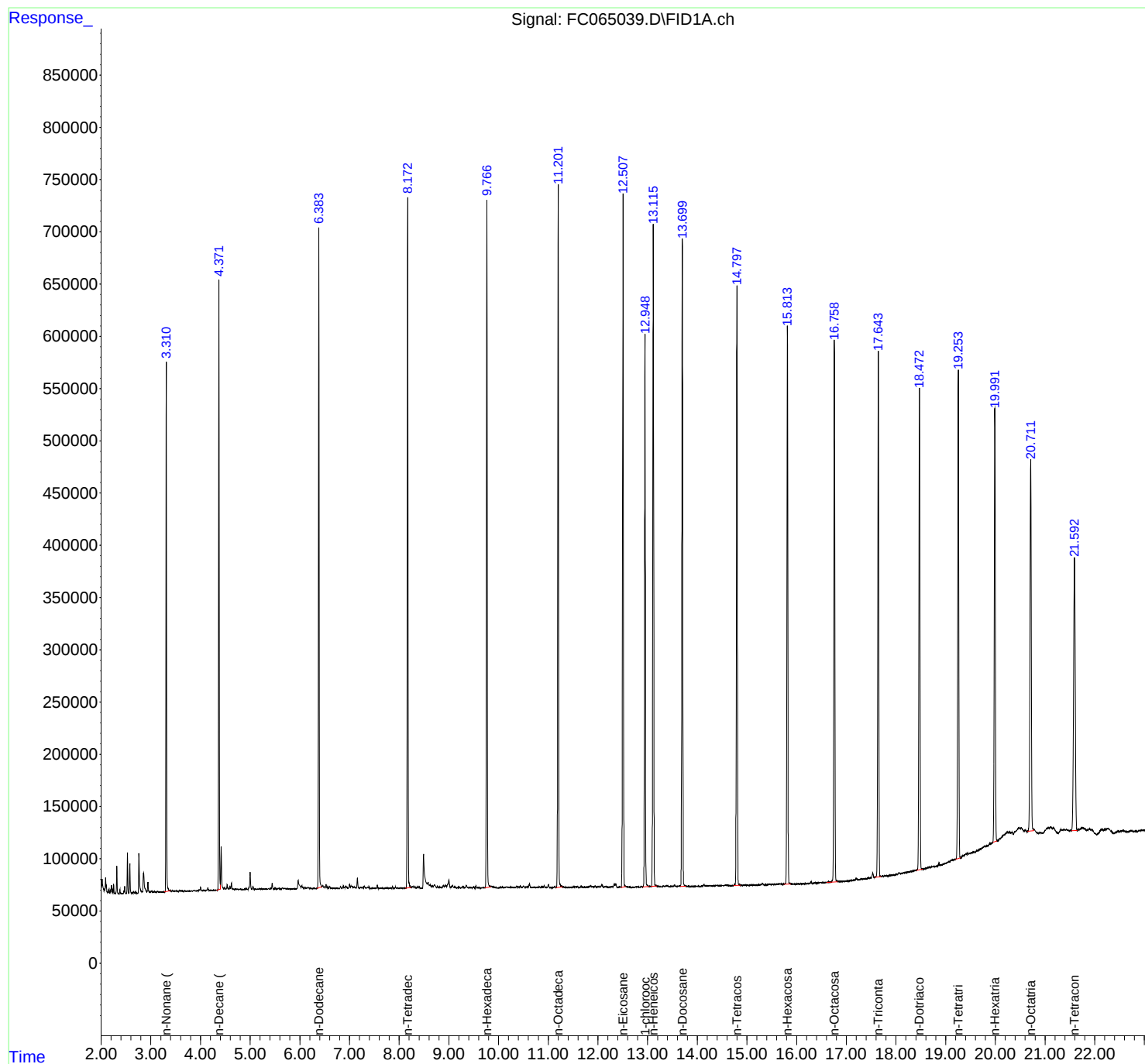
Response via : Initial Calibration

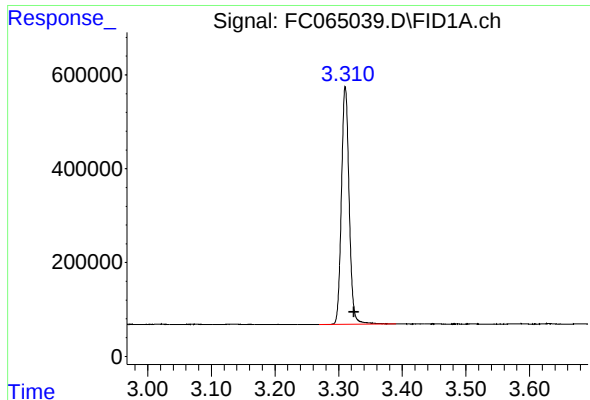
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





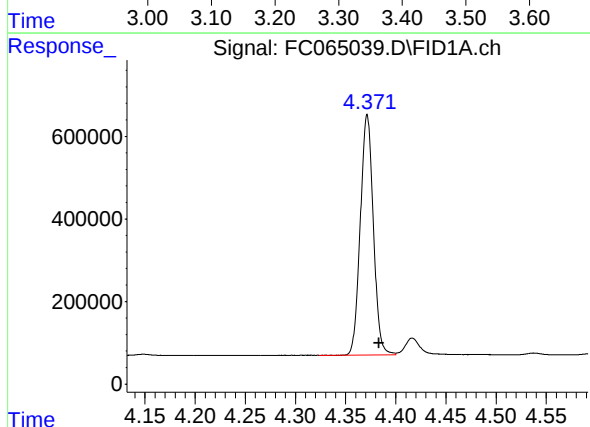
#1 n-Nonane (C9)

R.T.: 3.311 min
Delta R.T.: -0.013 min
Response: 4265573
Conc: 22.56 ug/ml

Instrument :
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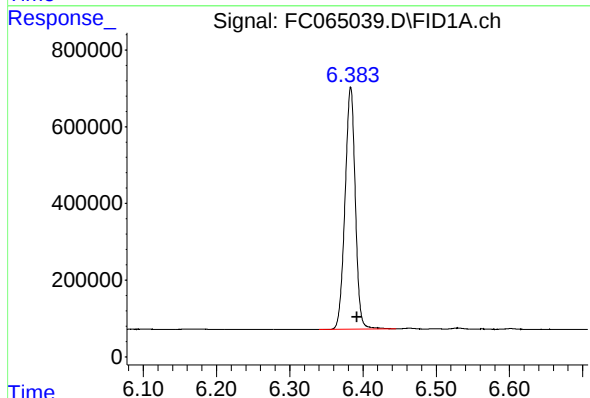
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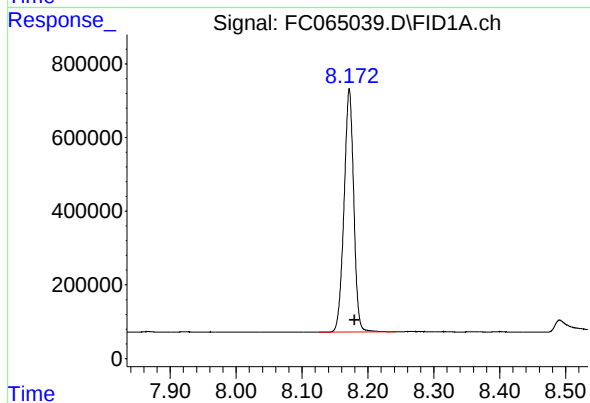
#2 n-Decane (C10)

R.T.: 4.372 min
Delta R.T.: -0.012 min
Response: 5265857
Conc: 27.69 ug/ml



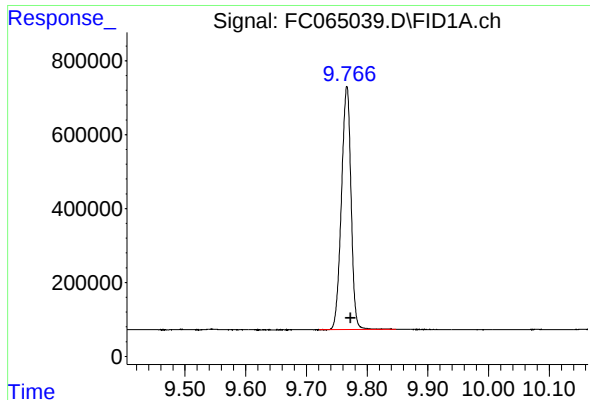
#4 n-Dodecane (C12)

R.T.: 6.383 min
Delta R.T.: -0.008 min
Response: 6144880
Conc: 31.81 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.172 min
Delta R.T.: -0.008 min
Response: 6741461
Conc: 35.73 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.767 min
Delta R.T.: -0.006 min
Response: 7232761
Conc: 38.26 ug/ml

Instrument :

FID_C

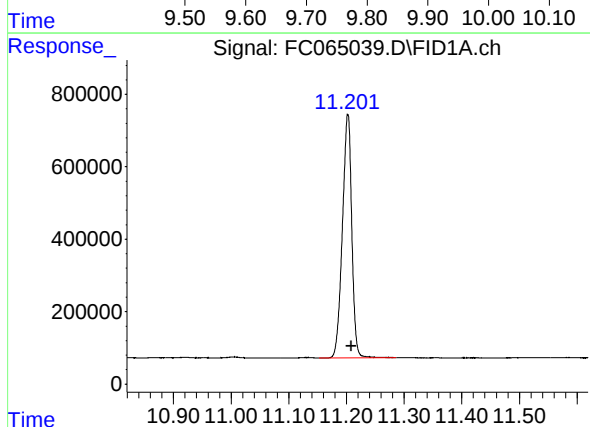
ClientSampleId :

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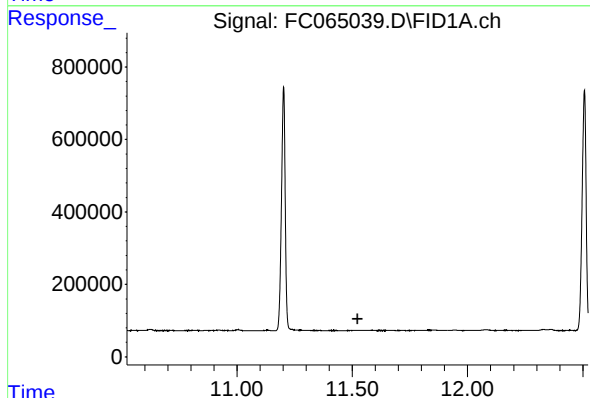
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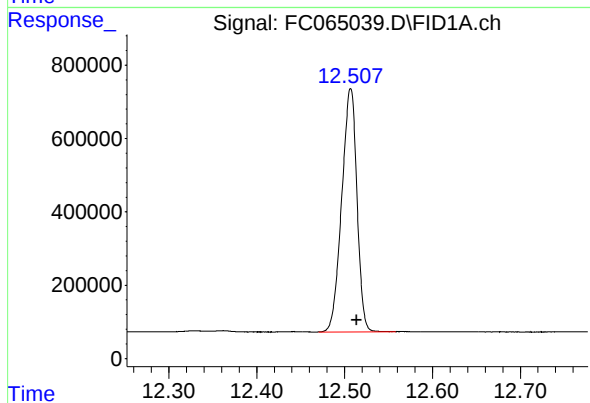
#8 n-Octadecane (C18)

R.T.: 11.203 min
Delta R.T.: -0.006 min
Response: 7597085
Conc: 40.25 ug/ml



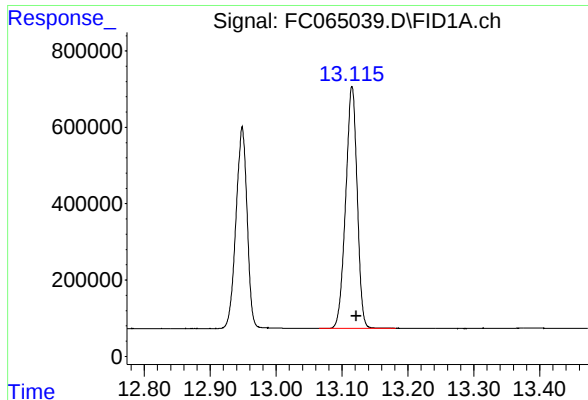
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.523 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.507 min
Delta R.T.: -0.006 min
Response: 7982317
Conc: 44.40 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.115 min
Delta R.T.: -0.006 min
Response: 7670477
Conc: 43.69 ug/ml

Instrument :

FID_C

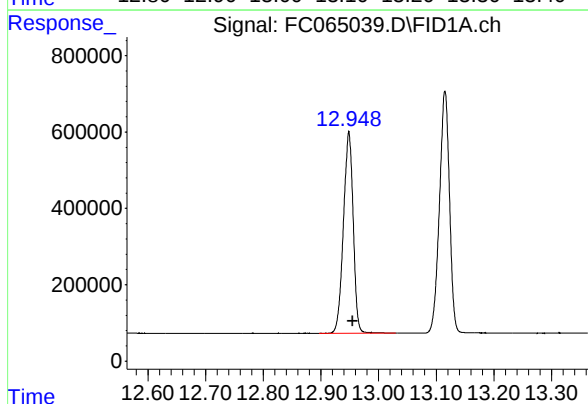
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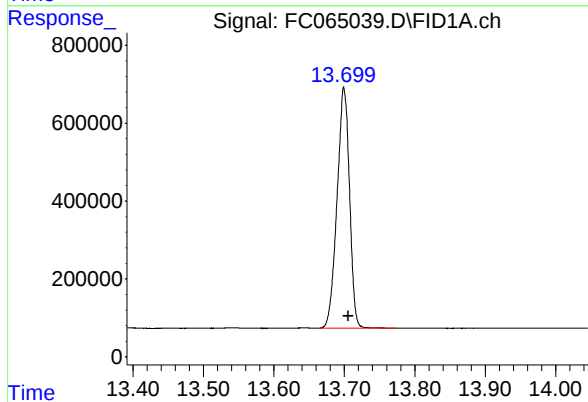
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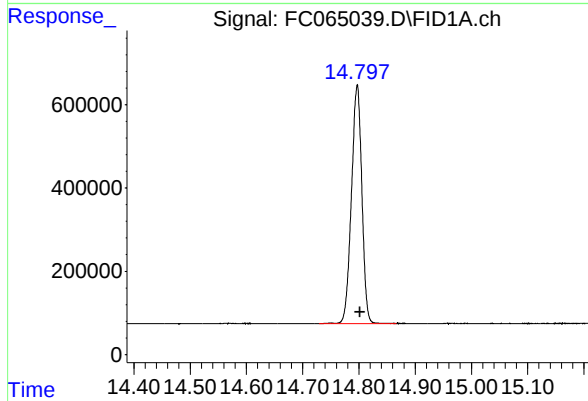
#12 1-chlorooctadecane (SURR)

R.T.: 12.949 min
Delta R.T.: -0.006 min
Response: 6207373
Conc: 39.27 ug/ml



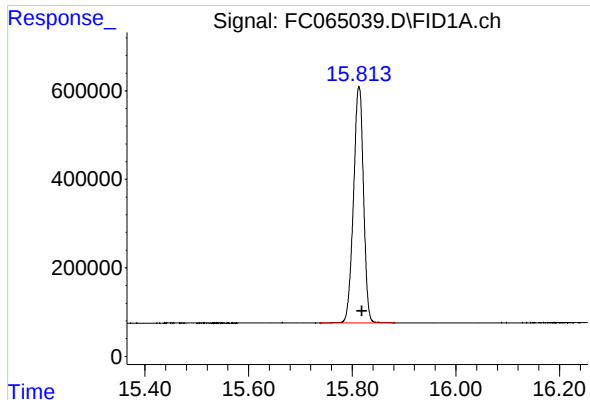
#13 n-Docosane (C22)

R.T.: 13.699 min
Delta R.T.: -0.006 min
Response: 7609602
Conc: 44.30 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: -0.005 min
Response: 7380619
Conc: 44.31 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.813 min
Delta R.T.: -0.005 min
Response: 7158617
Conc: 44.60 ug/ml

Instrument :

FID_C

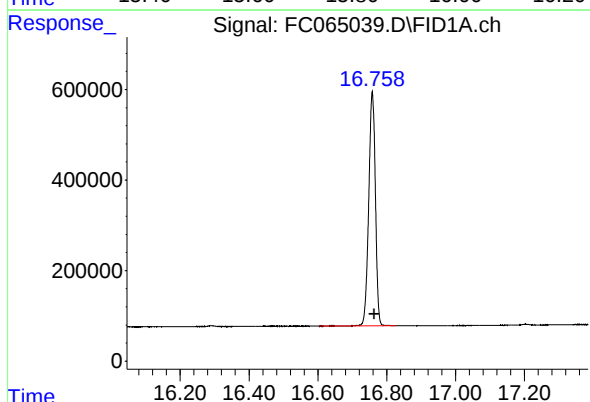
ClientSampleId :

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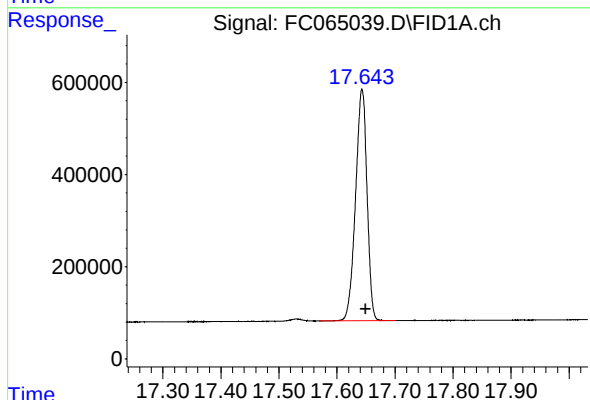
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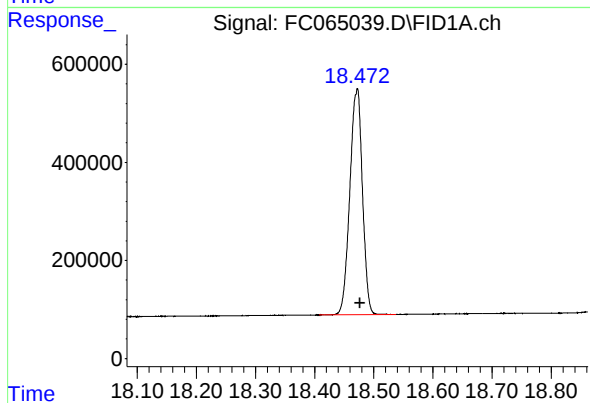
#16 n-Octacosane (C28)

R.T.: 16.758 min
Delta R.T.: -0.007 min
Response: 6968325
Conc: 44.53 ug/ml



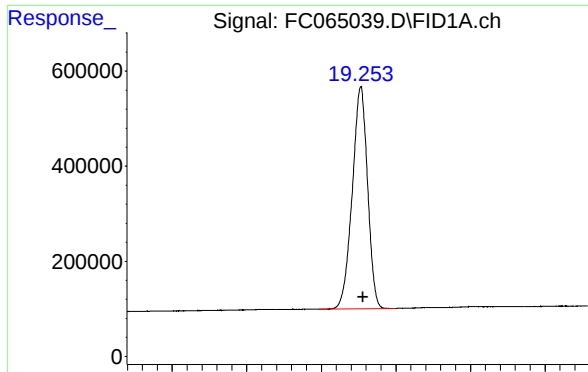
#17 n-Tricontane (C30)

R.T.: 17.643 min
Delta R.T.: -0.006 min
Response: 6899927
Conc: 43.56 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.472 min
Delta R.T.: -0.005 min
Response: 6816528
Conc: 43.17 ug/ml



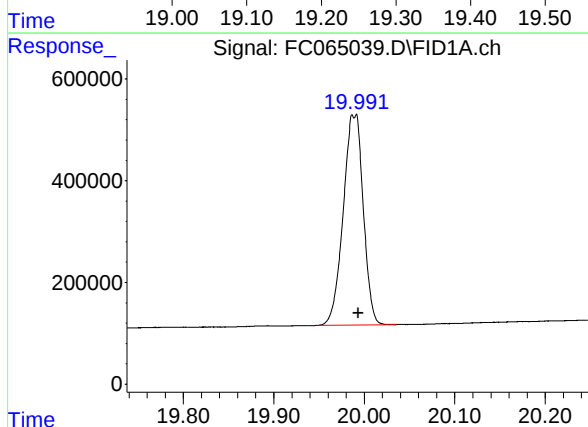
#19 n-Tetratriacontane (C34)

R.T.: 19.253 min
Delta R.T.: -0.002 min
Response: 6667083
Conc: 43.68 ug/ml

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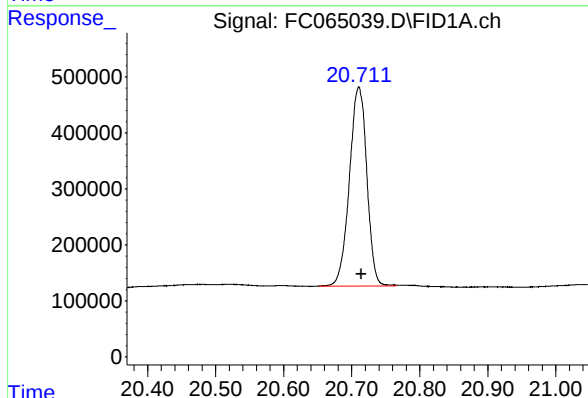
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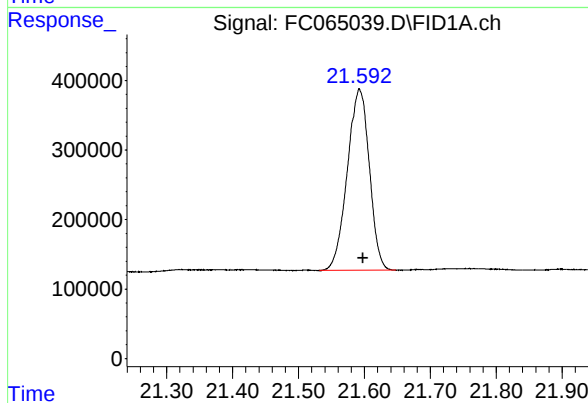
#20 n-Hexatriacontane (C36)

R.T.: 19.988 min
Delta R.T.: -0.006 min
Response: 6369160
Conc: 42.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.711 min
Delta R.T.: -0.004 min
Response: 6323077
Conc: 42.49 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.593 min
Delta R.T.: -0.005 min
Response: 6064269
Conc: 41.23 ug/ml