

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG110424AL\
 Data File : FG014647.D
 Signal(s) : FID1A.ch
 Acq On : 04 Nov 2024 16:53
 Operator : YP\AJ
 Sample : P4620-26MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

P001-CF16-01MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :Ankita Jodhani 11/06/2024

Integration File: autoint1.e

Quant Time: Nov 05 00:37:53 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.M

Quant Title : GC Extractables

QLast Update : Tue Oct 22 06:49:54 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...	13.398	6525912	53.146 ug/ml
Spiked Amount 50.000		Recovery =	106.29%
Target Compounds			
1) T n-Nonane (C9)	3.329	4331421	33.470 ug/ml
2) T n-Decane (C10)	4.579	5335370	40.491 ug/mlm
4) T n-Dodecane (C12)	6.750	6100198	45.920 ug/ml
6) T n-Tetradecane (C14)	8.582	6301866	47.496 ug/ml
7) T n-Hexadecane (C16)	10.193	6483637	46.657 ug/ml
8) T n-Octadecane (C18)	11.640	6677744	46.646 ug/ml
10) T n-Eicosane (C20)	12.953	6733619	47.883 ug/ml
11) T n-Heneicosane (C21)	13.566	6465146	46.191 ug/ml
13) T n-Docosane (C22)	14.153	6414413	45.598 ug/ml
14) T n-Tetracosane (C24)	15.258	6246903	43.901 ug/ml
15) T n-Hexacosane (C26)	16.280	5996626	42.484 ug/ml
16) T n-Octacosane (C28)	17.231	5777062	41.800 ug/ml
17) T n-Tricontane (C30)	18.119	5625938	40.591 ug/ml
18) T n-Dotriacontane (C32)	18.952	5394932	41.207 ug/ml
19) T n-Tetratriacontane (C34)	19.736	5173812	46.224 ug/ml
20) T n-Hexatriacontane (C36)	20.474	4876970	52.398 ug/ml
21) T n-Octatriacontane (C38)	21.226	4756727	56.934 ug/ml
22) T n-Tetracontane (C40)	22.166	4628918	60.872 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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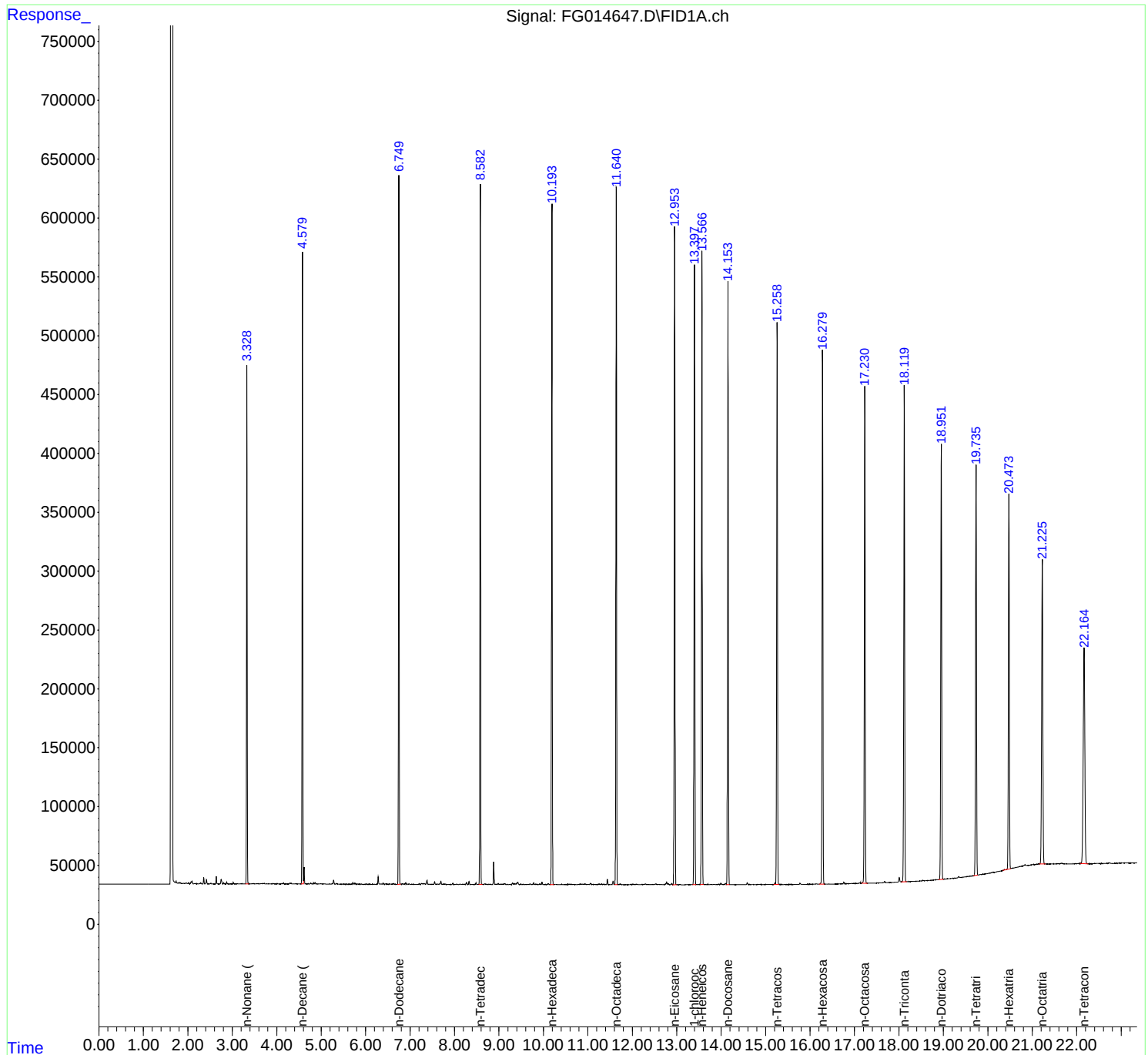
APPROVED

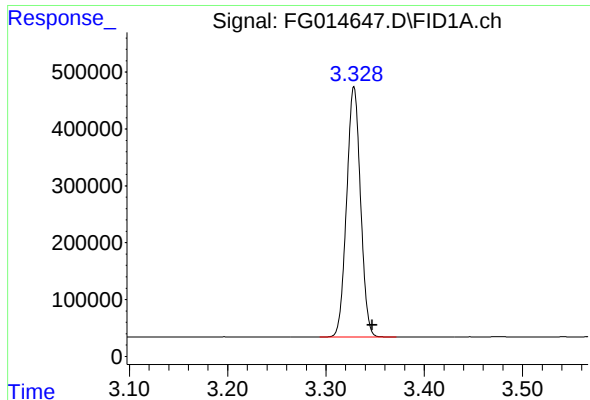
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Quant Title : GC Extractables
QLast Update : Tue Oct 22 06:49:54 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.329 min
Delta R.T.: -0.018 min
Response: 4331421
Conc: 33.47 ug/ml

Instrument :

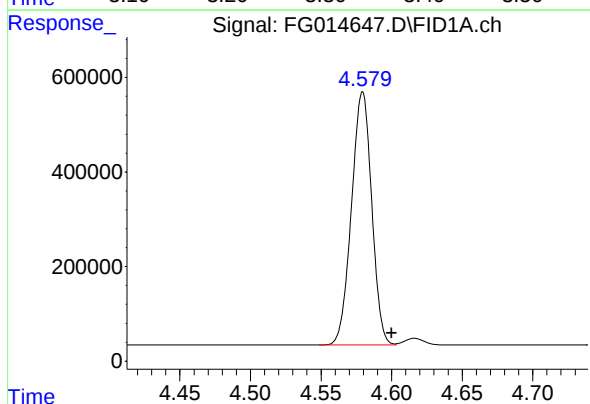
FID_G

ClientSampleId :

P001-CF16-01MS

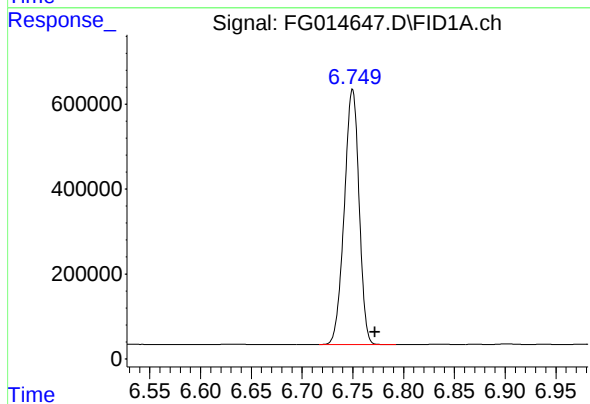
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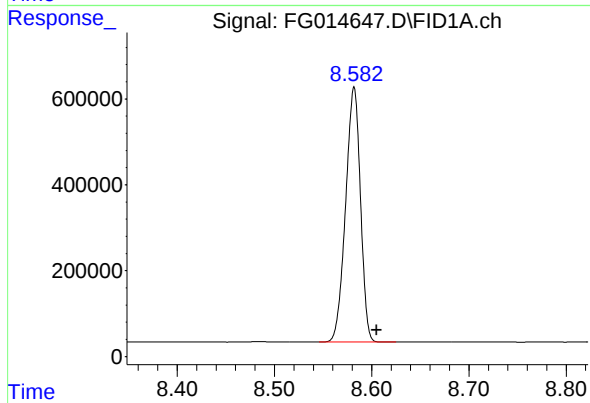
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: -0.021 min
Response: 5335370
Conc: 40.49 ug/ml m



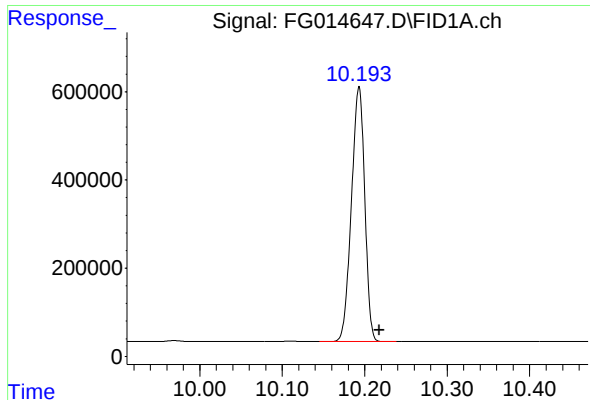
#4 n-Dodecane (C12)

R.T.: 6.750 min
Delta R.T.: -0.022 min
Response: 6100198
Conc: 45.92 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.582 min
Delta R.T.: -0.023 min
Response: 6301866
Conc: 47.50 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.193 min
Delta R.T.: -0.024 min
Response: 6483637
Conc: 46.66 ug/ml

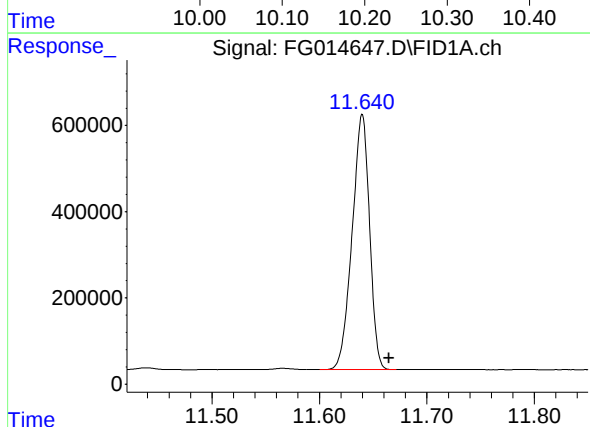
Instrument :

FID_G

ClientSampleId :
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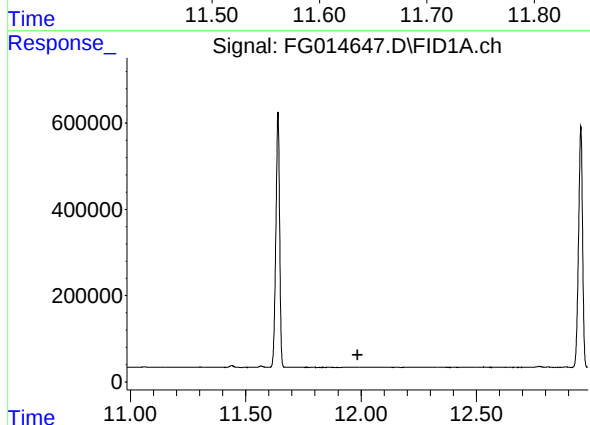
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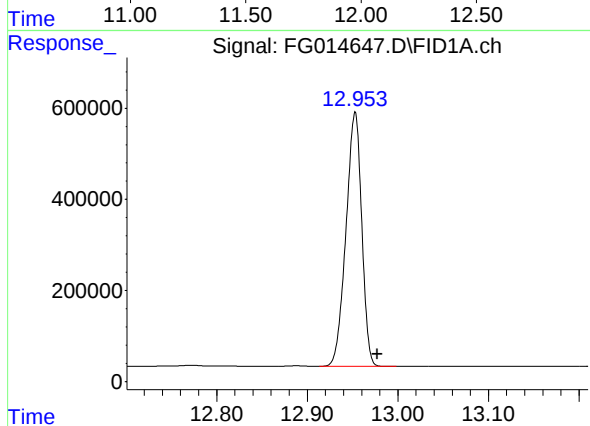
#8 n-Octadecane (C18)

R.T.: 11.640 min
Delta R.T.: -0.025 min
Response: 6677744
Conc: 46.65 ug/ml



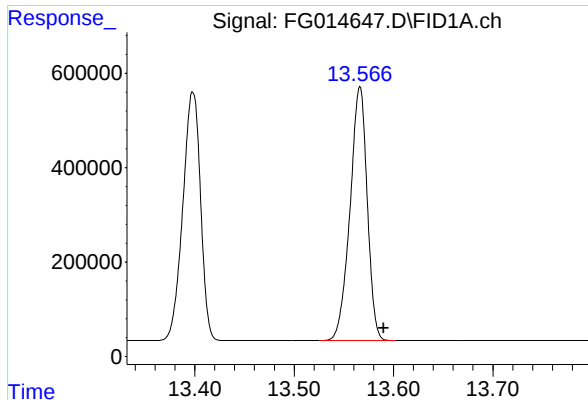
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.984 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.953 min
Delta R.T.: -0.025 min
Response: 6733619
Conc: 47.88 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.566 min
Delta R.T.: -0.024 min
Response: 6465146
Conc: 46.19 ug/ml

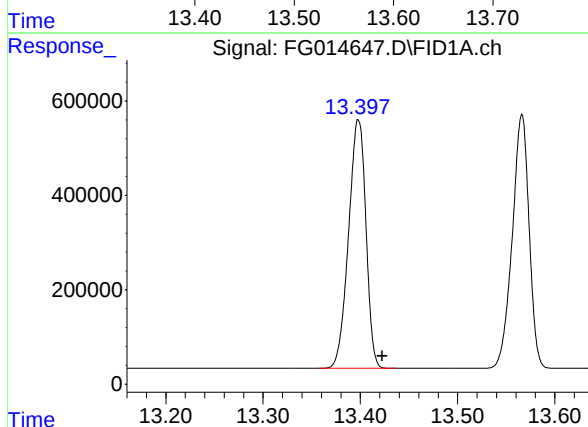
Instrument :

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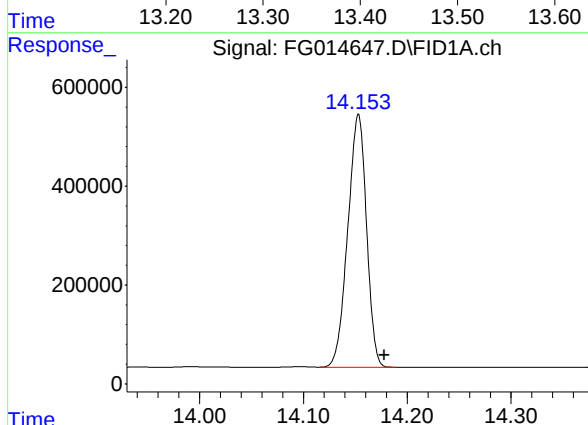
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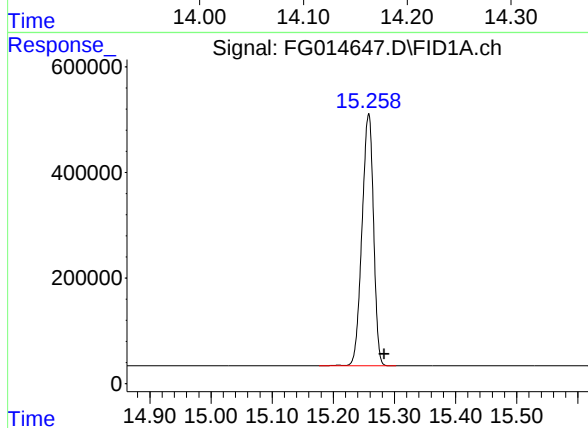
#12 1-chlorooctadecane (SURR)

R.T.: 13.398 min
Delta R.T.: -0.025 min
Response: 6525912
Conc: 53.15 ug/ml



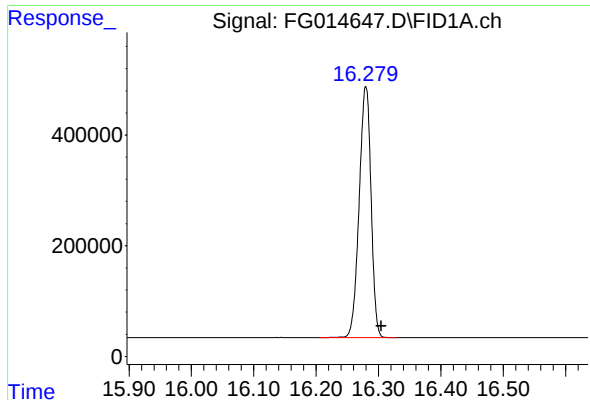
#13 n-Docosane (C22)

R.T.: 14.153 min
Delta R.T.: -0.025 min
Response: 6414413
Conc: 45.60 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.258 min
Delta R.T.: -0.025 min
Response: 6246903
Conc: 43.90 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.280 min
Delta R.T.: -0.024 min
Response: 5996626
Conc: 42.48 ug/ml

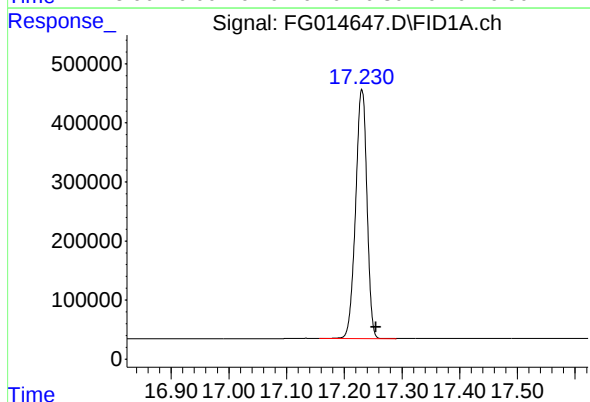
Instrument :

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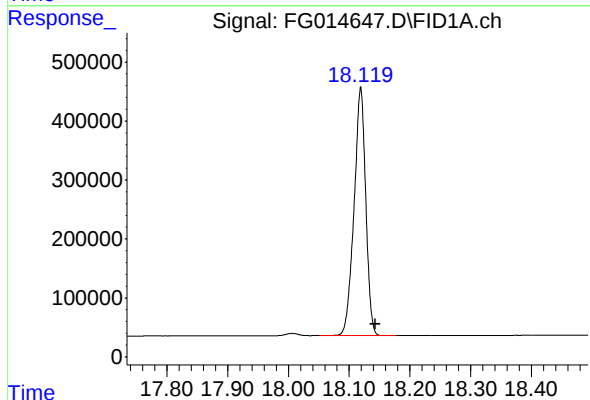
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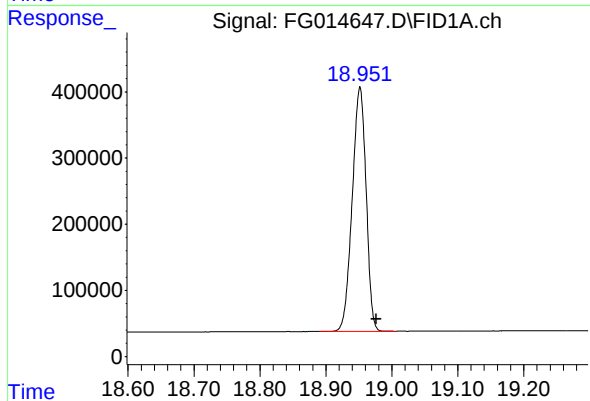
#16 n-Octacosane (C28)

R.T.: 17.231 min
Delta R.T.: -0.024 min
Response: 5777062
Conc: 41.80 ug/ml



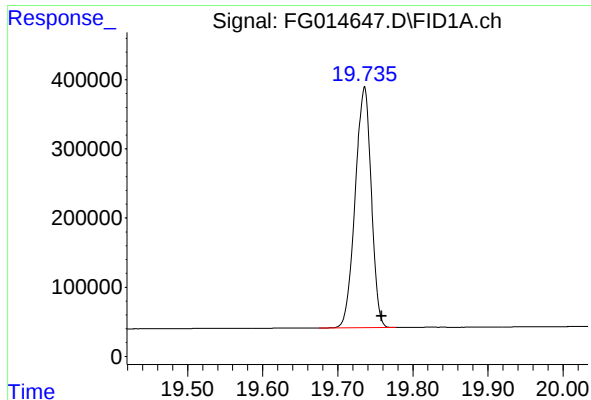
#17 n-Tricontane (C30)

R.T.: 18.119 min
Delta R.T.: -0.024 min
Response: 5625938
Conc: 40.59 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.952 min
Delta R.T.: -0.025 min
Response: 5394932
Conc: 41.21 ug/ml



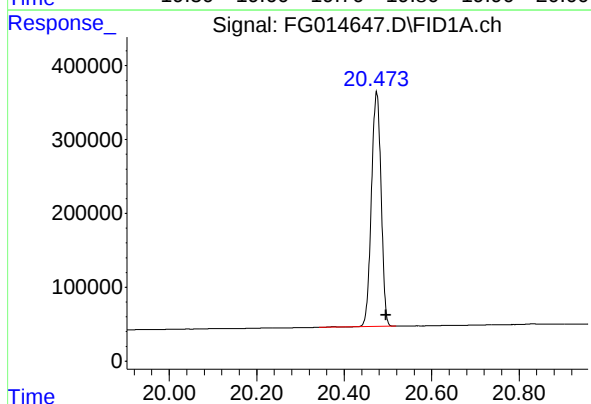
#19 n-Tetratriacontane (C34)

R.T.: 19.736 min
Delta R.T.: -0.023 min
Response: 5173812
Conc: 46.22 ug/ml

Instrument :
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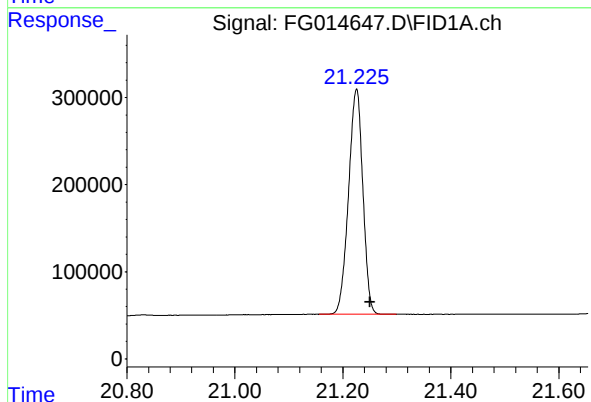
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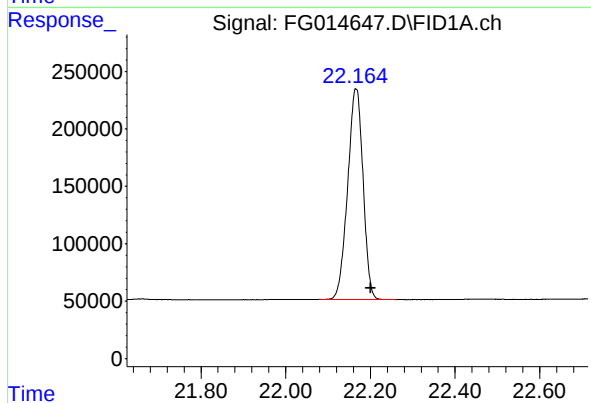
#20 n-Hexatriacontane (C36)

R.T.: 20.474 min
Delta R.T.: -0.021 min
Response: 4876970
Conc: 52.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.226 min
Delta R.T.: -0.025 min
Response: 4756727
Conc: 56.93 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.166 min
Delta R.T.: -0.035 min
Response: 4628918
Conc: 60.87 ug/ml