

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG110424AL\
 Data File : FG014648.D
 Signal(s) : FID1A.ch
 Acq On : 04 Nov 2024 17:21
 Operator : YP\AJ
 Sample : P4620-27MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

P001-CF16-01MSD

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 00:38:06 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...	13.399	6530767	53.186 ug/ml
Spiked Amount 50.000		Recovery =	106.37%
Target Compounds			
1) T n-Nonane (C9)	3.329	4349451	33.609 ug/ml
2) T n-Decane (C10)	4.579	5366504	40.727 ug/mlm
4) T n-Dodecane (C12)	6.750	6123951	46.099 ug/ml
6) T n-Tetradecane (C14)	8.582	6322217	47.650 ug/ml
7) T n-Hexadecane (C16)	10.193	6494742	46.737 ug/ml
8) T n-Octadecane (C18)	11.640	6675584	46.631 ug/ml
10) T n-Eicosane (C20)	12.953	6723490	47.810 ug/ml
11) T n-Heneicosane (C21)	13.567	6448487	46.072 ug/ml
13) T n-Docosane (C22)	14.153	6393955	45.453 ug/ml
14) T n-Tetracosane (C24)	15.258	6218942	43.704 ug/ml
15) T n-Hexacosane (C26)	16.280	5964929	42.259 ug/ml
16) T n-Octacosane (C28)	17.231	5738197	41.519 ug/ml
17) T n-Tricontane (C30)	18.118	5588483	40.320 ug/ml
18) T n-Dotriacontane (C32)	18.952	5361869	40.954 ug/ml
19) T n-Tetratriacontane (C34)	19.735	5149686	46.009 ug/ml
20) T n-Hexatriacontane (C36)	20.475	4862133	52.238 ug/ml
21) T n-Octatriacontane (C38)	21.225	4748915	56.840 ug/ml
22) T n-Tetracontane (C40)	22.166	4650353	61.154 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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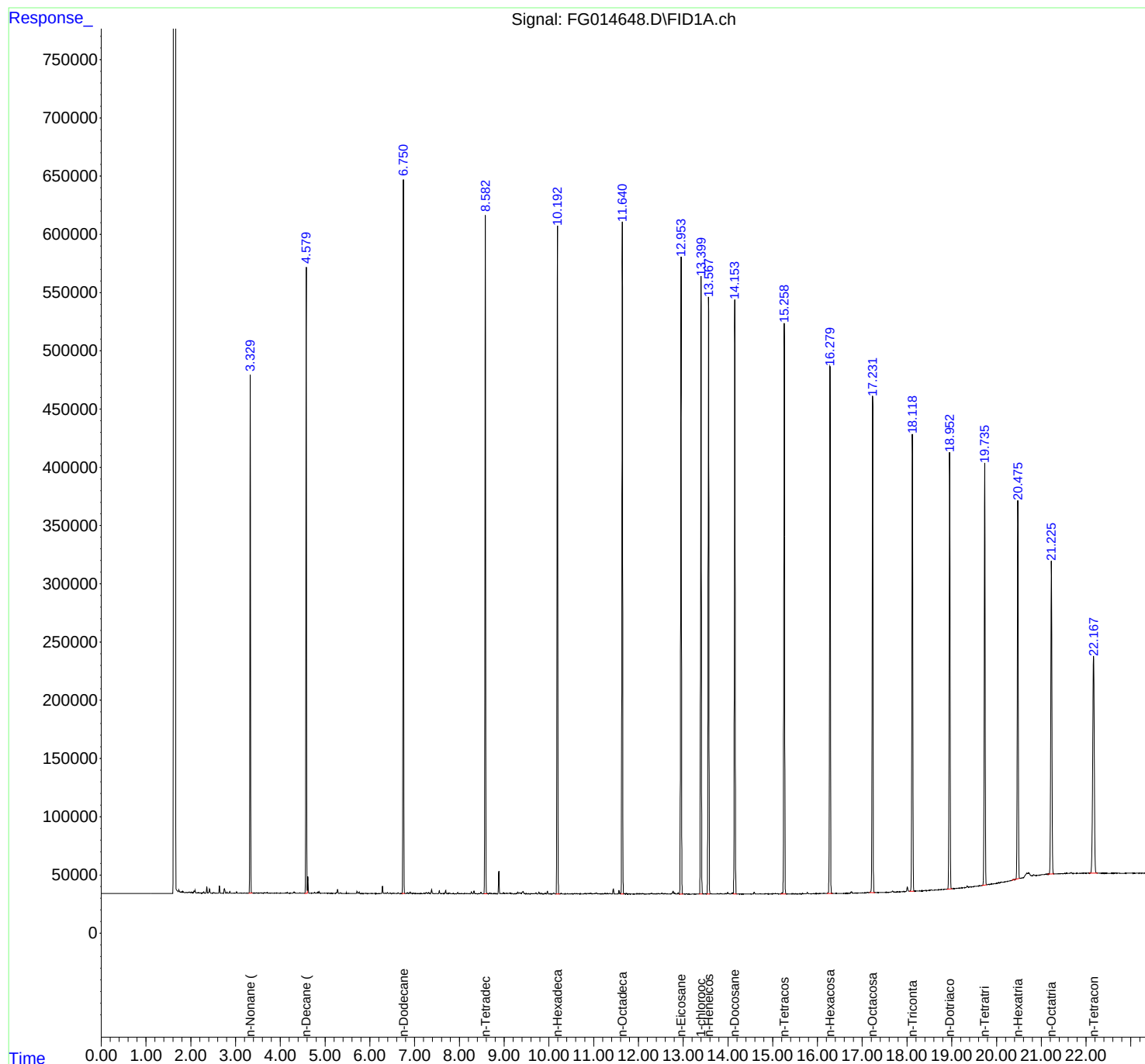
Response via : Initial Calibration

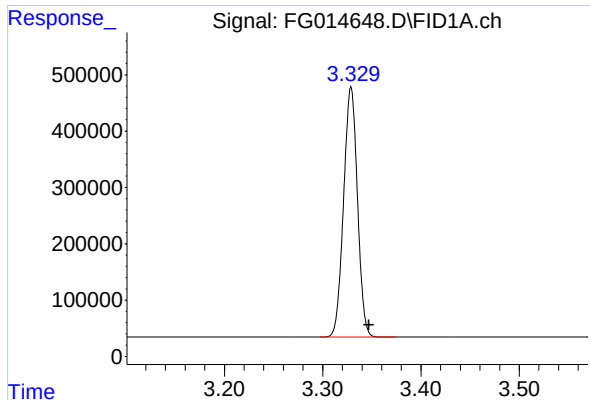
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.329 min
Delta R.T.: -0.018 min
Response: 4349451
Conc: 33.61 ug/ml

Instrument :

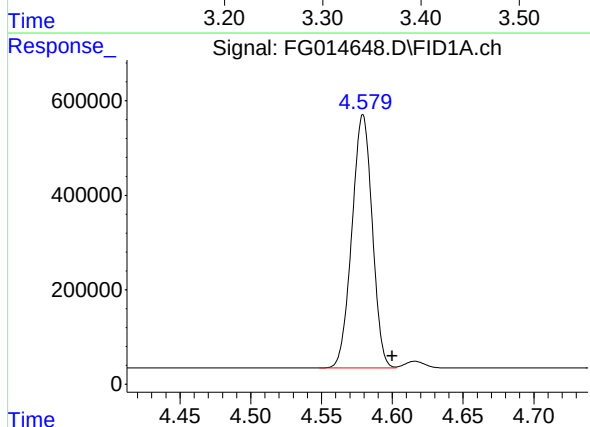
FID_G

ClientSampleId :

P001-CF16-01MSD

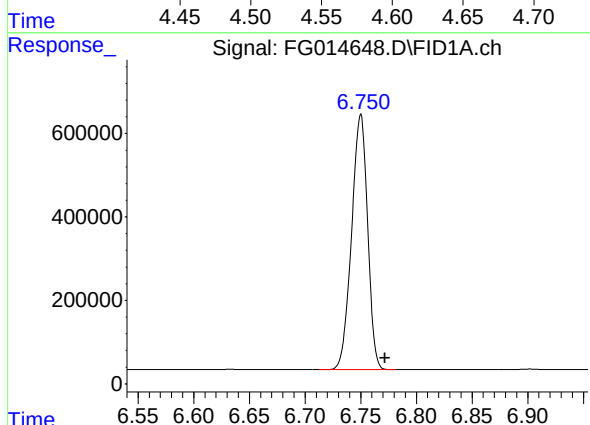
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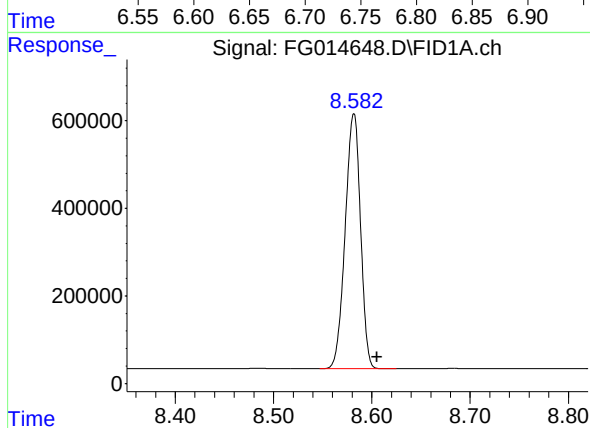
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: -0.021 min
Response: 5366504
Conc: 40.73 ug/ml



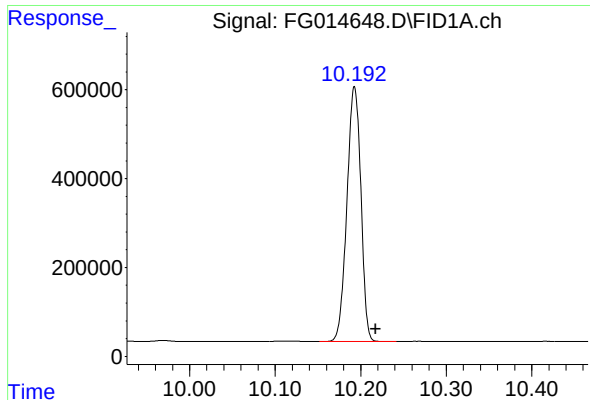
#4 n-Dodecane (C12)

R.T.: 6.750 min
Delta R.T.: -0.022 min
Response: 6123951
Conc: 46.10 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.582 min
Delta R.T.: -0.023 min
Response: 6322217
Conc: 47.65 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.193 min
Delta R.T.: -0.025 min
Response: 6494742
Conc: 46.74 ug/ml

Instrument :

FID_G

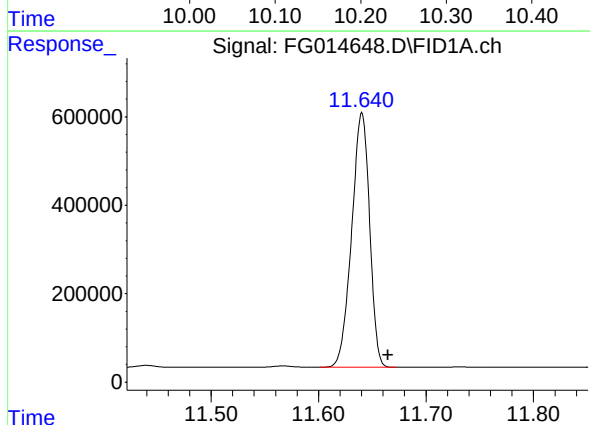
ClientSampleId :

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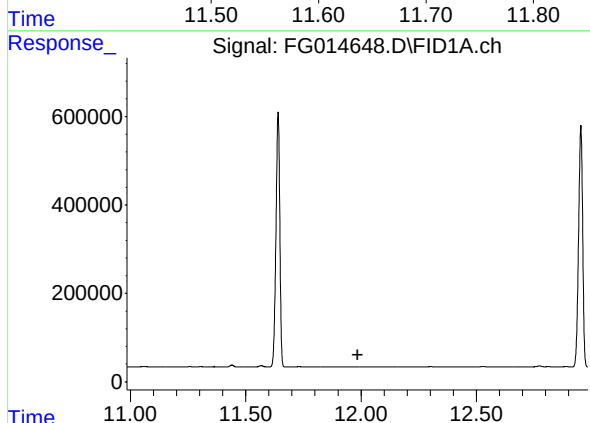
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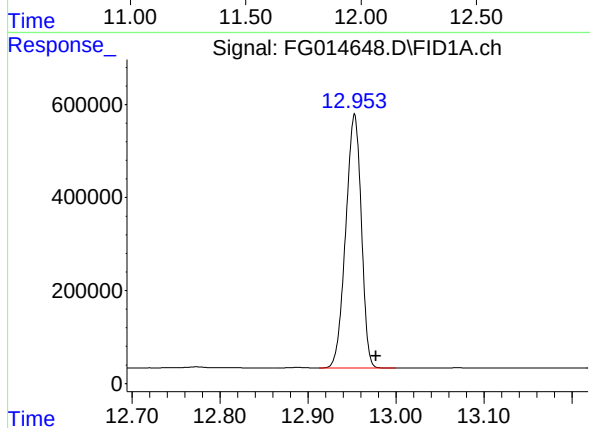
#8 n-Octadecane (C18)

R.T.: 11.640 min
Delta R.T.: -0.024 min
Response: 6675584
Conc: 46.63 ug/ml



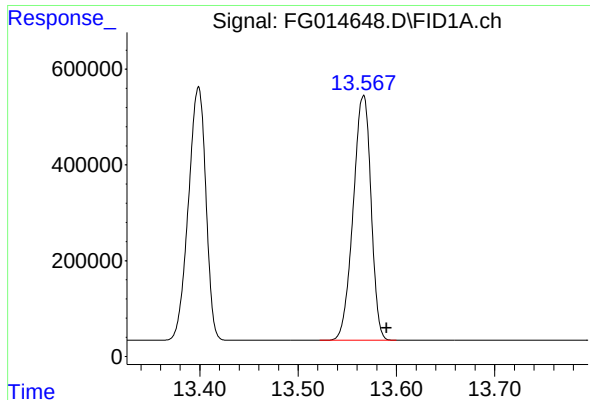
#9 ortho-Terphenyl (SURR)

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: 6723490
Conc: 47.81 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.567 min
Delta R.T.: -0.024 min
Response: 6448487
Conc: 46.07 ug/ml

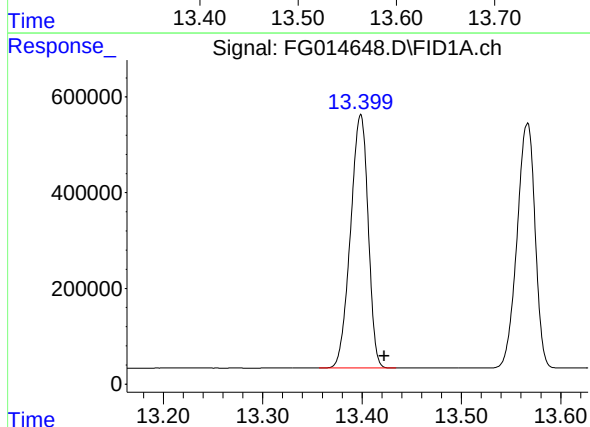
Instrument :

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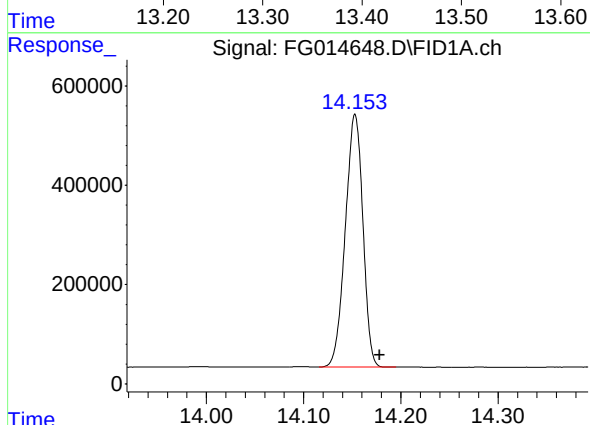
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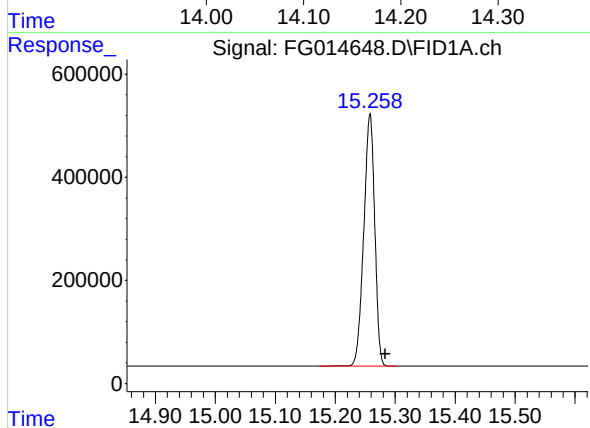
#12 1-chlorooctadecane (SURR)

R.T.: 13.399 min
Delta R.T.: -0.024 min
Response: 6530767
Conc: 53.19 ug/ml



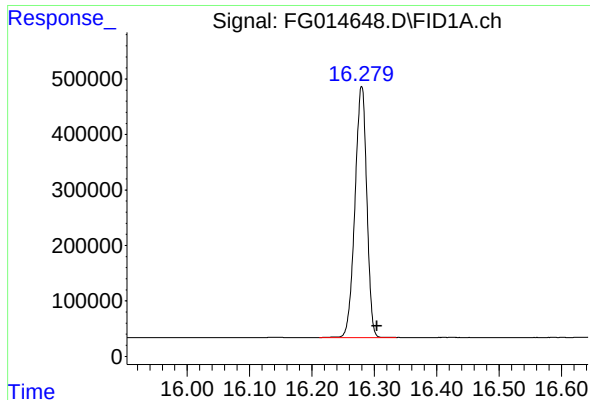
#13 n-Docosane (C22)

R.T.: 14.153 min
Delta R.T.: -0.025 min
Response: 6393955
Conc: 45.45 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.258 min
Delta R.T.: -0.025 min
Response: 6218942
Conc: 43.70 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.280 min
Delta R.T.: -0.024 min
Response: 5964929
Conc: 42.26 ug/ml

Instrument :

FID_G

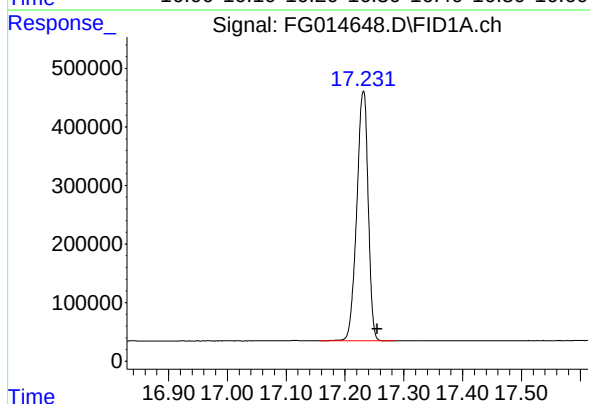
ClientSampleId :

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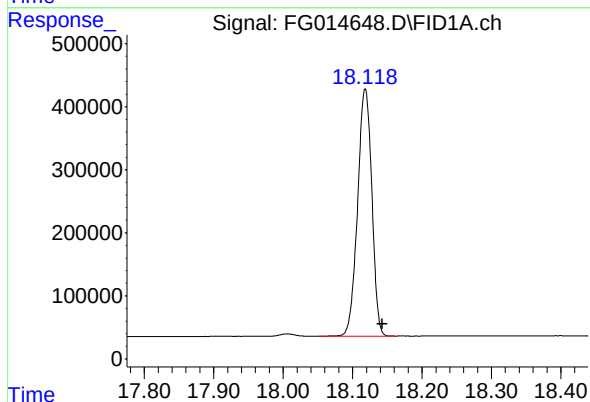
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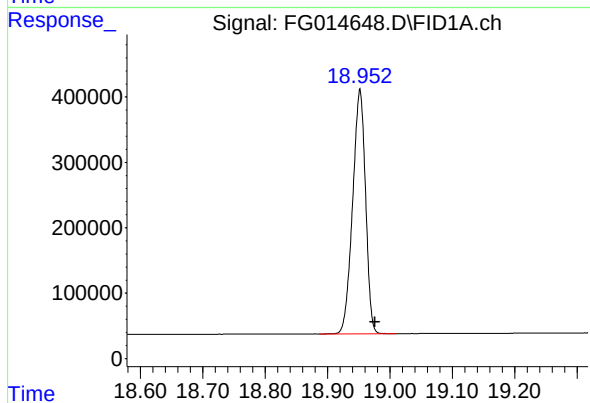
#16 n-Octacosane (C28)

R.T.: 17.231 min
Delta R.T.: -0.024 min
Response: 5738197
Conc: 41.52 ug/ml



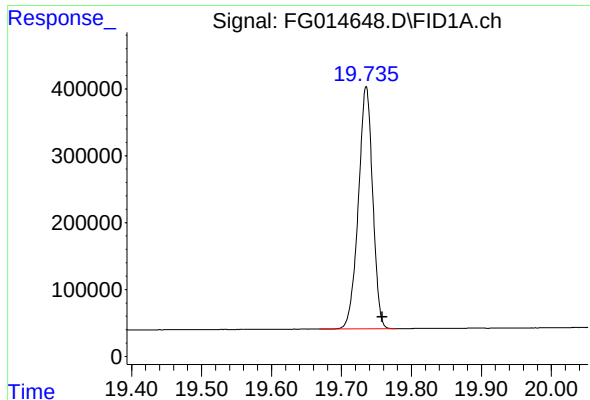
#17 n-Tricontane (C30)

R.T.: 18.118 min
Delta R.T.: -0.025 min
Response: 5588483
Conc: 40.32 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.952 min
Delta R.T.: -0.024 min
Response: 5361869
Conc: 40.95 ug/ml



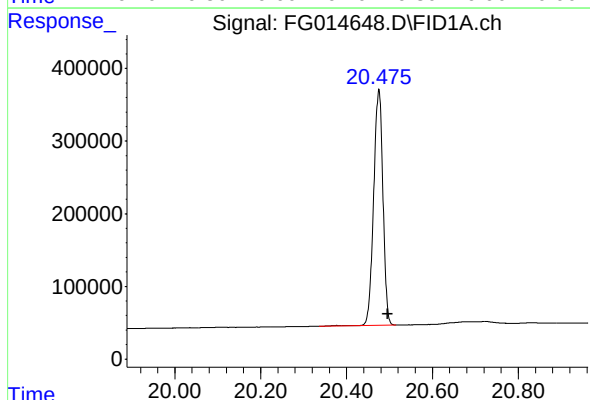
#19 n-Tetratriacontane (C34)

R.T.: 19.735 min
Delta R.T.: -0.023 min
Response: 5149686
Conc: 46.01 ug/ml

Instrument :
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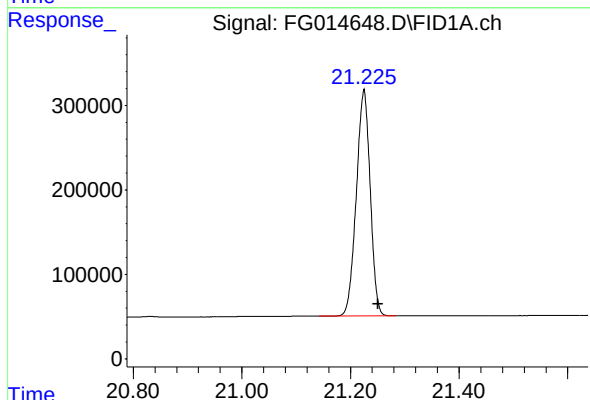
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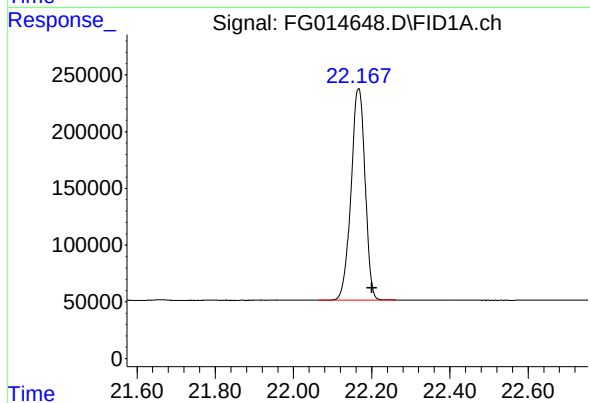
#20 n-Hexatriacontane (C36)

R.T.: 20.475 min
Delta R.T.: -0.020 min
Response: 4862133
Conc: 52.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.225 min
Delta R.T.: -0.026 min
Response: 4748915
Conc: 56.84 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.166 min
Delta R.T.: -0.034 min
Response: 4650353
Conc: 61.15 ug/ml