

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG123124AL\
 Data File : FG015046.D
 Signal(s) : FID1A.ch
 Acq On : 31 Dec 2024 13:01
 Operator : YP\AJ
 Sample : PB165926BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

PB165926BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 01/02/2025

Supervised By :Ankita Jodhani 01/02/2025

Integration File: autoint1.e

Quant Time: Jan 01 01:07:56 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 122024.M

Quant Title : GC Extractables

QLast Update : Fri Dec 20 13:49:57 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			
9) S ortho-Terphenyl (SURR)	11.949	6215849	39.401 ug/ml
Spiked Amount 50.000		Recovery =	78.80%
12) S 1-chlorooctadecane (S...	13.393	5202903	41.173 ug/ml
Spiked Amount 50.000		Recovery =	82.35%
Target Compounds			
1) T n-Nonane (C9)	3.296	4769270	37.305 ug/ml
2) T n-Decane (C10)	4.553	5070194	38.903 ug/ml
3) T A~Naphthalene (C11.7)	6.260	5880571	40.966 ug/ml
4) T n-Dodecane (C12)	6.728	5270535	39.890 ug/ml
5) T A~2-methylnaphthalene...	7.361	5476911	39.074 ug/ml
6) T n-Tetradecane (C14)	8.567	5447331	40.835 ug/ml
7) T n-Hexadecane (C16)	10.181	5537660	39.230 ug/ml
8) T n-Octadecane (C18)	11.632	5604309	38.254 ug/ml
10) T n-Eicosane (C20)	12.948	5789229	39.896 ug/ml
11) T n-Heneicosane (C21)	13.562	5558105	38.354 ug/ml
13) T n-Docosane (C22)	14.151	5518646	37.760 ug/ml
14) T n-Tetracosane (C24)	15.236	11036581	73.909 ug/mlm
15) T n-Hexacosane (C26)	16.285	5288741	35.243 ug/ml
16) T n-Octacosane (C28)	17.237	5186855	34.648 ug/ml
17) T n-Tricontane (C30)	18.130	5111033	33.297 ug/ml
18) T n-Dotriacontane (C32)	18.962	4927317	33.397 ug/ml
19) T n-Tetratriacontane (C34)	19.749	4714740	36.943 ug/ml
20) T n-Hexatriacontane (C36)	20.491	4267128	39.557 ug/ml
21) T n-Octatriacontane (C38)	21.241	3963364	39.542 ug/ml
22) T n-Tetracontane (C40)	22.181	3758556	40.012 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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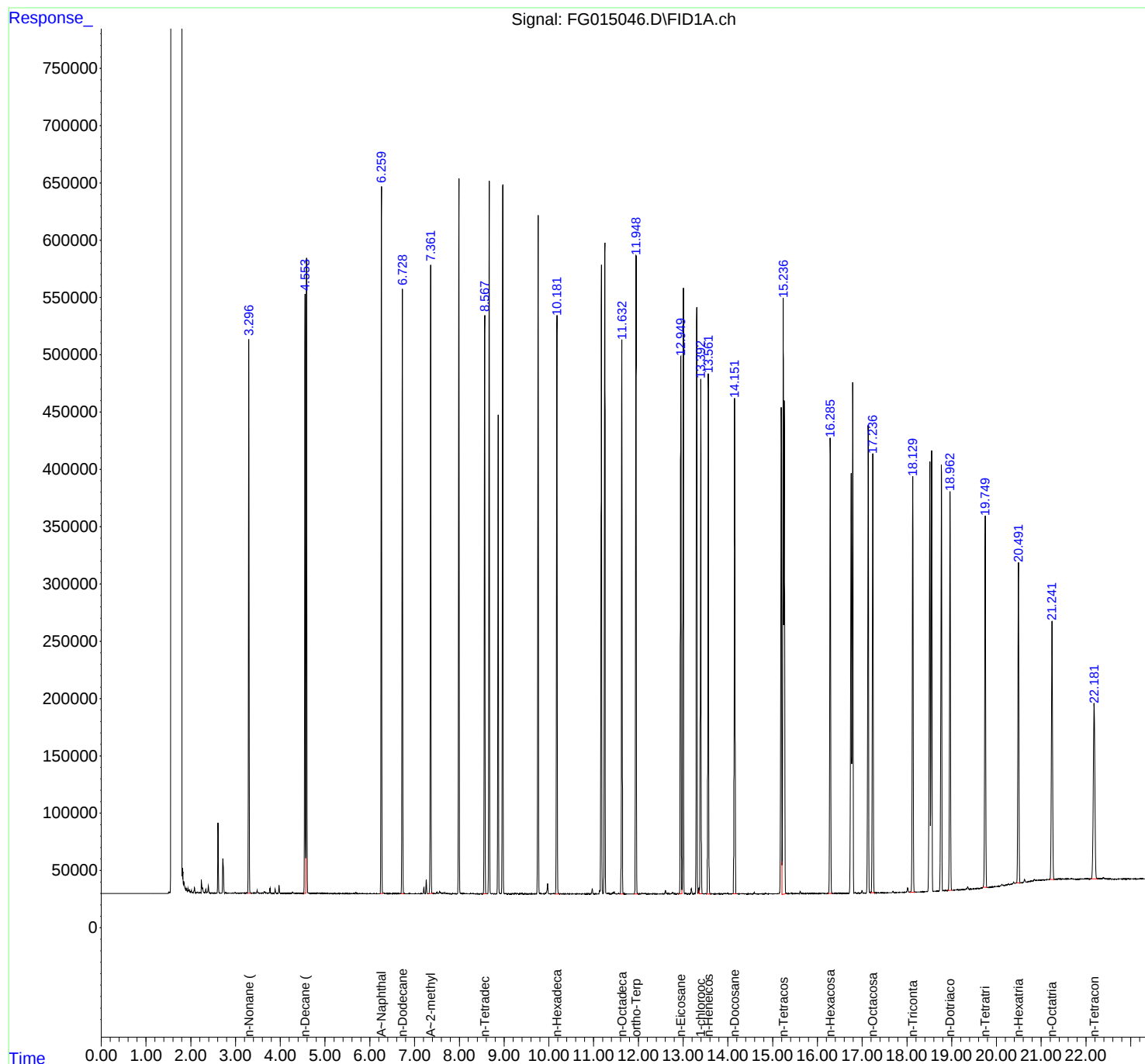
Response via : Initial Calibration

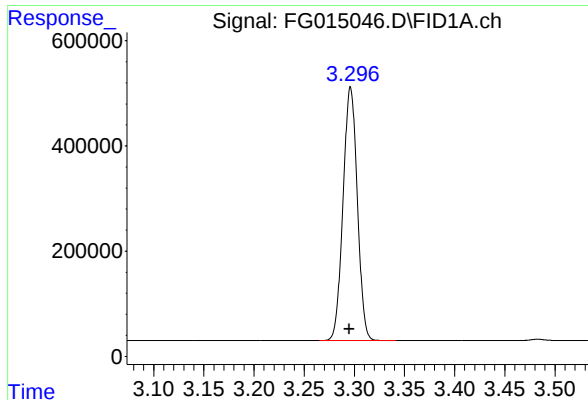
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





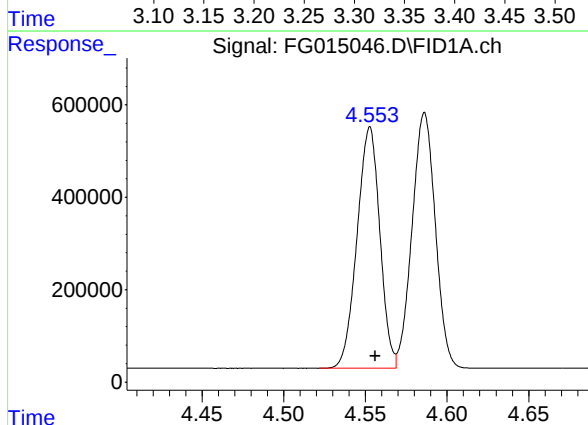
#1 n-Nonane (C9)

R.T.: 3.296 min
Delta R.T.: 0.001 min
Response: 4769270
Conc: 37.31 ug/ml

Instrument :
FID_G
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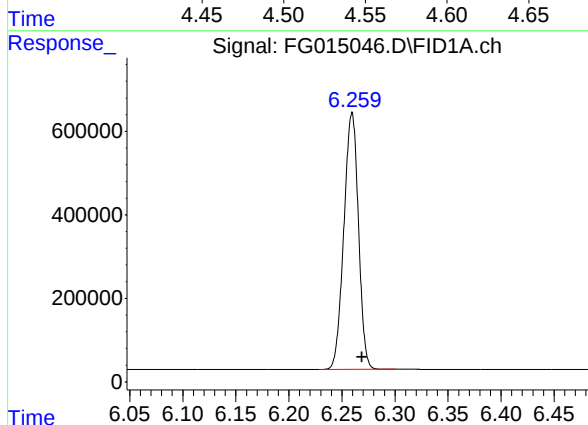
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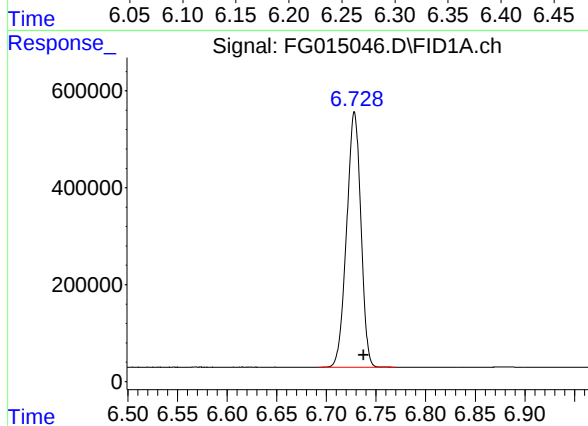
#2 n-Decane (C10)

R.T.: 4.553 min
Delta R.T.: -0.003 min
Response: 5070194
Conc: 38.90 ug/ml



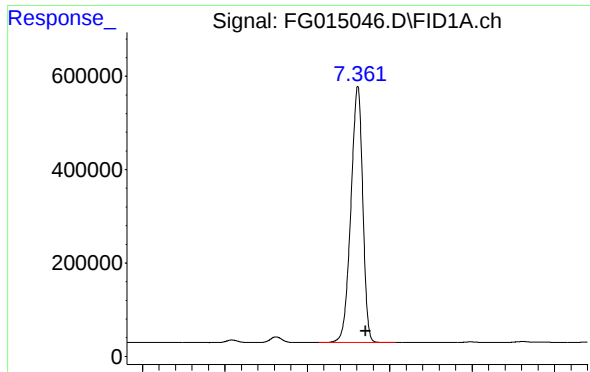
#3 A~Naphthalene (C11.7)

R.T.: 6.260 min
Delta R.T.: -0.009 min
Response: 5880571
Conc: 40.97 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.728 min
Delta R.T.: -0.009 min
Response: 5270535
Conc: 39.89 ug/ml



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

R.T.: 7.361 min
Delta R.T.: -0.010 min
Response: 5476911
Conc: 39.07 ug/ml

Instrument :

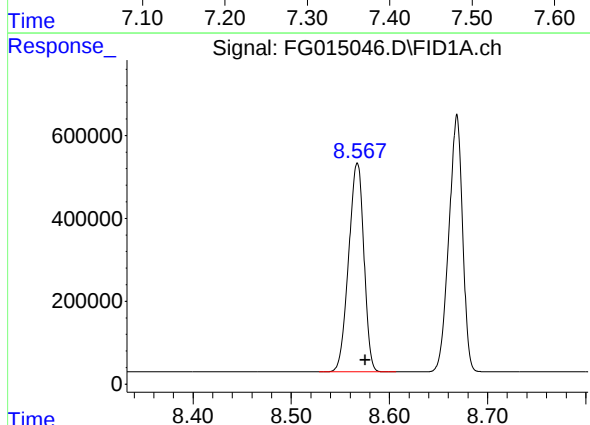
FID_G

ClientSampleId :

PB165926BS

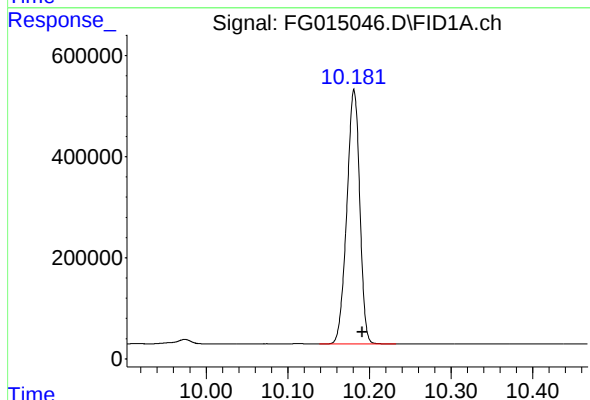
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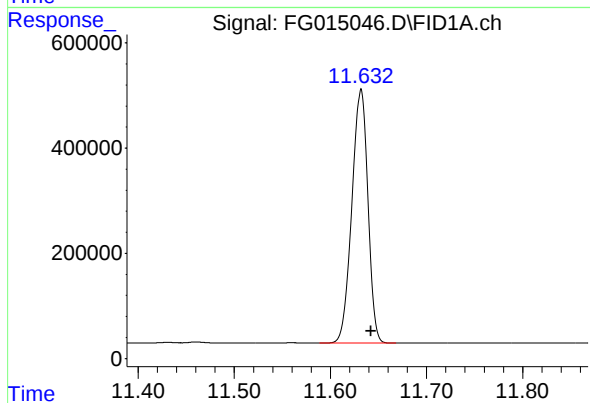
#6 n-Tetradecane (C14)

R.T.: 8.567 min
Delta R.T.: -0.008 min
Response: 5447331
Conc: 40.84 ug/ml



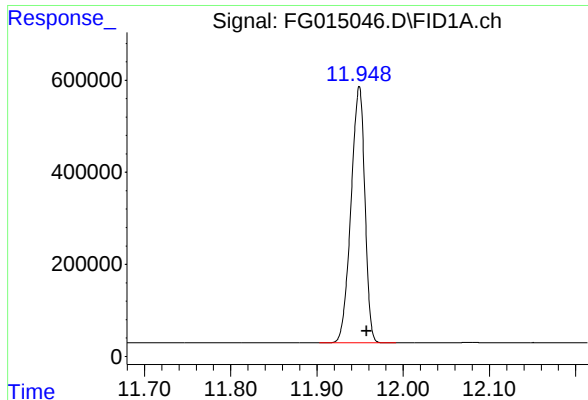
#7 n-Hexadecane (C16)

R.T.: 10.181 min
Delta R.T.: -0.010 min
Response: 5537660
Conc: 39.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.632 min
Delta R.T.: -0.010 min
Response: 5604309
Conc: 38.25 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.949 min
Delta R.T.: -0.009 min
Response: 6215849
Conc: 39.40 ug/ml

Instrument :

FID_G

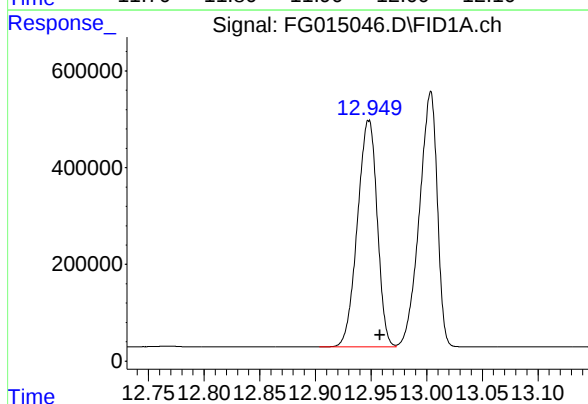
ClientSampleId :

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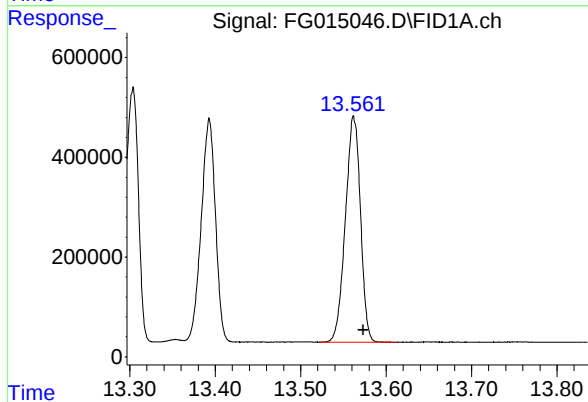
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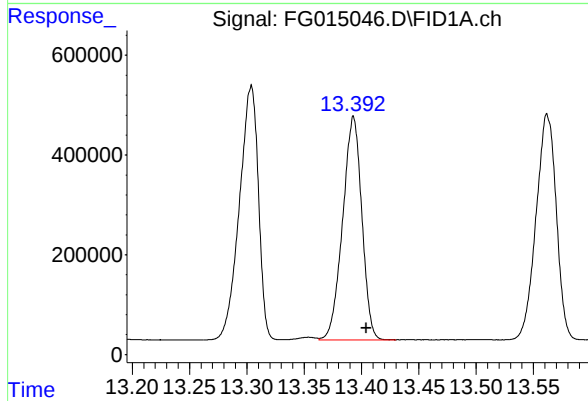
#10 n-Eicosane (C20)

R.T.: 12.948 min
Delta R.T.: -0.010 min
Response: 5789229
Conc: 39.90 ug/ml



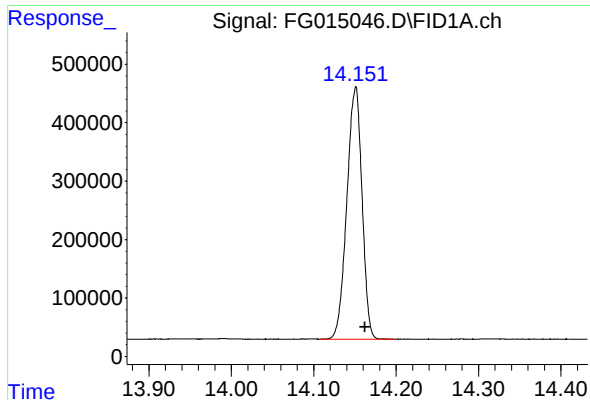
#11 n-Heneicosane (C21)

R.T.: 13.562 min
Delta R.T.: -0.011 min
Response: 5558105
Conc: 38.35 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.393 min
Delta R.T.: -0.011 min
Response: 5202903
Conc: 41.17 ug/ml



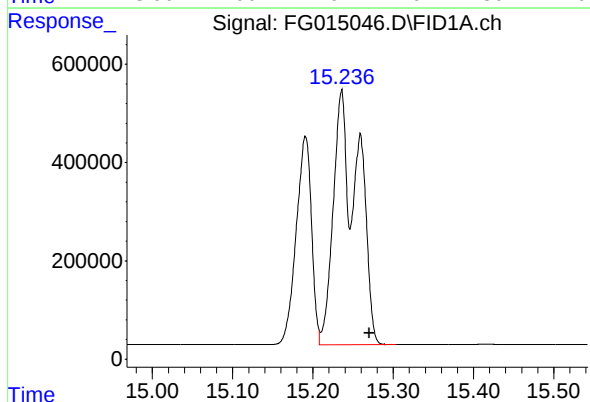
#13 n-Docosane (C22)

R.T.: 14.151 min
Delta R.T.: -0.011 min
Response: 5518646
Conc: 37.76 ug/ml

Instrument :
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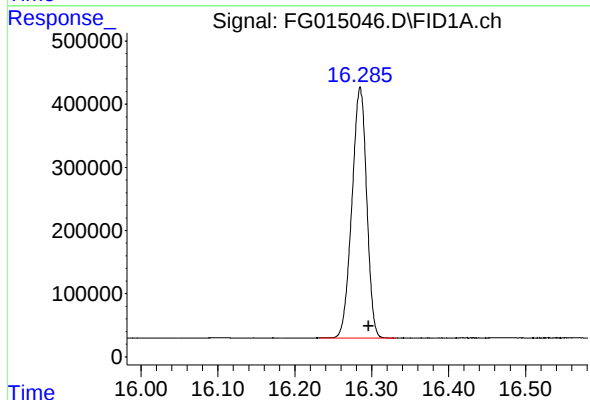
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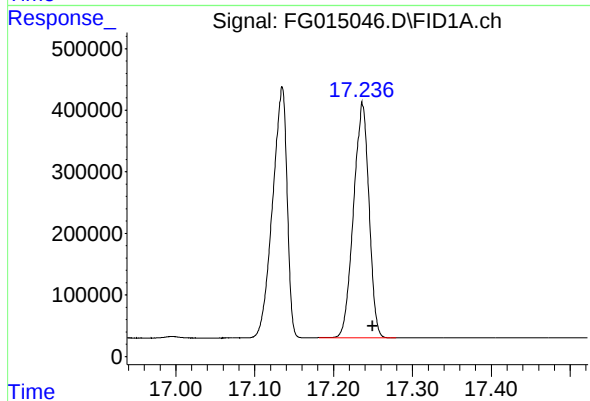
#14 n-Tetracosane (C24)

R.T.: 15.236 min
Delta R.T.: -0.034 min
Response: 11036581
Conc: 73.91 ug/ml



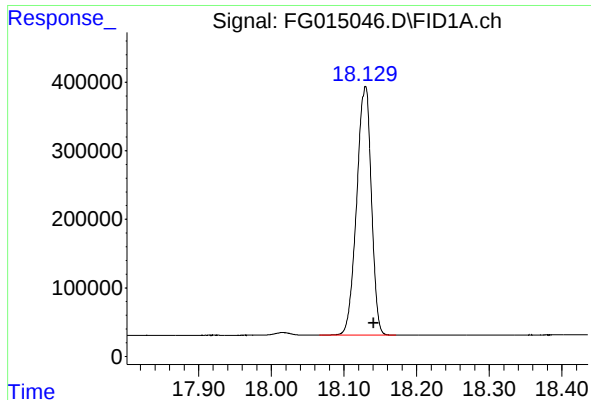
#15 n-Hexacosane (C26)

R.T.: 16.285 min
Delta R.T.: -0.011 min
Response: 5288741
Conc: 35.24 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.237 min
Delta R.T.: -0.013 min
Response: 5186855
Conc: 34.65 ug/ml



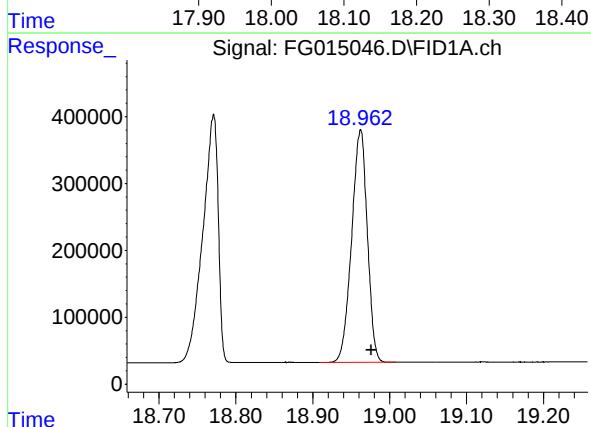
#17 n-Tricontane (C30)

R.T.: 18.130 min
Delta R.T.: -0.011 min
Response: 5111033
Conc: 33.30 ug/ml

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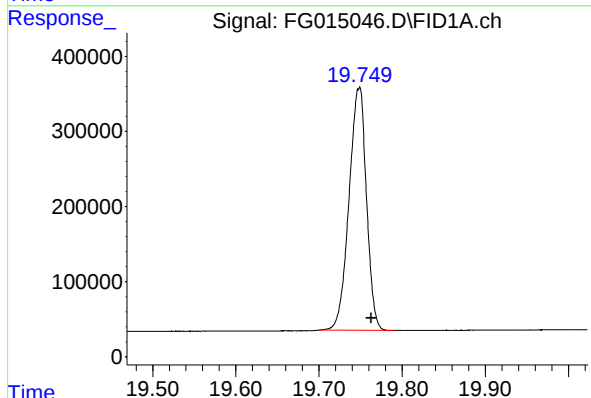
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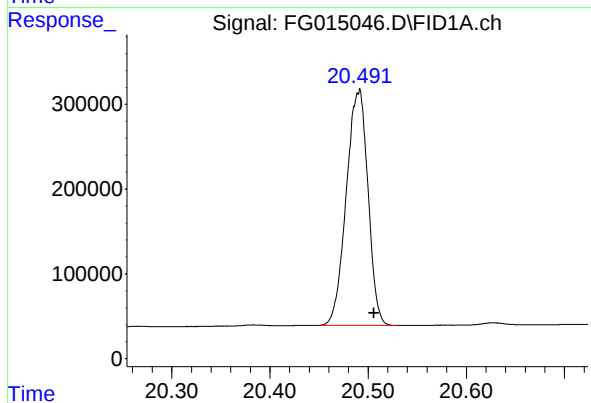
#18 n-Dotriacontane (C32)

R.T.: 18.962 min
Delta R.T.: -0.014 min
Response: 4927317
Conc: 33.40 ug/ml



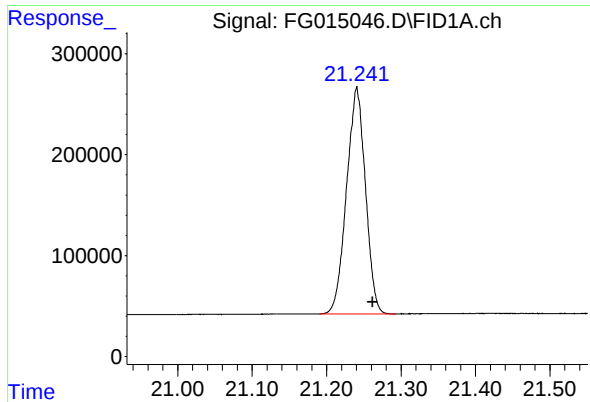
#19 n-Tetratriacontane (C34)

R.T.: 19.749 min
Delta R.T.: -0.014 min
Response: 4714740
Conc: 36.94 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.491 min
Delta R.T.: -0.015 min
Response: 4267128
Conc: 39.56 ug/ml



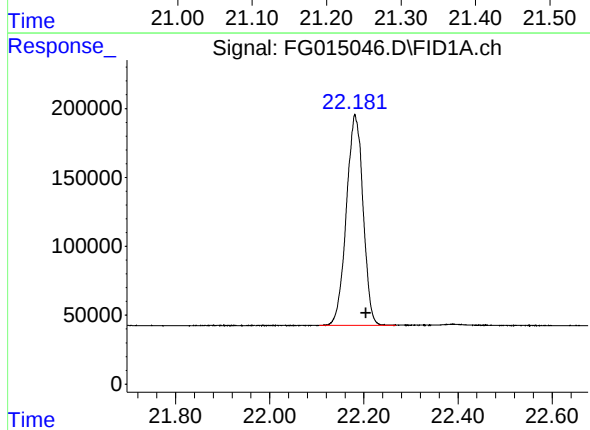
#21 n-Octatriacontane (C38)

R.T.: 21.241 min
Delta R.T.: -0.021 min
Response: 3963364
Conc: 39.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.181 min
Delta R.T.: -0.024 min
Response: 3758556
Conc: 40.01 ug/ml