

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051923AL\
 Data File : FG011896.D
 Signal(s) : FID1A.ch
 Acq On : 19 May 2023 15:16
 Operator : YP\AJ
 Sample : PB152897BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

PB152897BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/20/2023

Supervised By :Ankita Jodhani 05/22/2023

Integration File: autoint1.e

Quant Time: May 20 00:43:23 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051923.M

Quant Title : GC Extractables

QLast Update : Fri May 19 12:59:06 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)	10.930	7144519	45.647 ug/ml
Spiked Amount 50.000		Recovery =	91.29%
12) S 1-chlorooctadecane (S...	12.368	5817640	49.060 ug/ml
Spiked Amount 50.000		Recovery =	98.12%
Target Compounds			
1) T n-Nonane (C9)	2.769	5026323	43.656 ug/ml
2) T n-Decane (C10)	3.778	5406898	45.838 ug/ml
3) T A~Naphthalene (C11.7)	5.341	6190247	47.226 ug/ml
4) T n-Dodecane (C12)	5.767	5781687	48.204 ug/ml
5) T A~2-methylnaphthalene...	6.393	6020077	47.689 ug/ml
6) T n-Tetradecane (C14)	7.564	5920761	48.757 ug/ml
7) T n-Hexadecane (C16)	9.166	6371821	49.077 ug/ml
8) T n-Octadecane (C18)	10.611	6592543	48.433 ug/ml
10) T n-Eicosane (C20)	11.924	6816878	50.513 ug/ml
11) T n-Heneicosane (C21)	12.536	6630593	49.331 ug/ml
13) T n-Docosane (C22)	13.124	6628218	49.051 ug/ml
14) T n-Tetracosane (C24)	14.217	12956471	95.200 ug/ml
15) T n-Hexacosane (C26)	15.252	6493306	48.539 ug/ml
16) T n-Octacosane (C28)	16.203	6318346	48.397 ug/ml
17) T n-Tricontane (C30)	17.095	6202936	47.031 ug/ml
18) T n-Dotriacontane (C32)	17.926	5986626	46.599 ug/ml
19) T n-Tetratriacontane (C34)	18.712	5822855	47.523 ug/ml
20) T n-Hexatriacontane (C36)	19.454	5544484	47.660 ug/ml
21) T n-Octatriacontane (C38)	20.198	5432514	48.351 ug/ml
22) T n-Tetracontane (C40)	21.123	5291901	49.116 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB152897BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

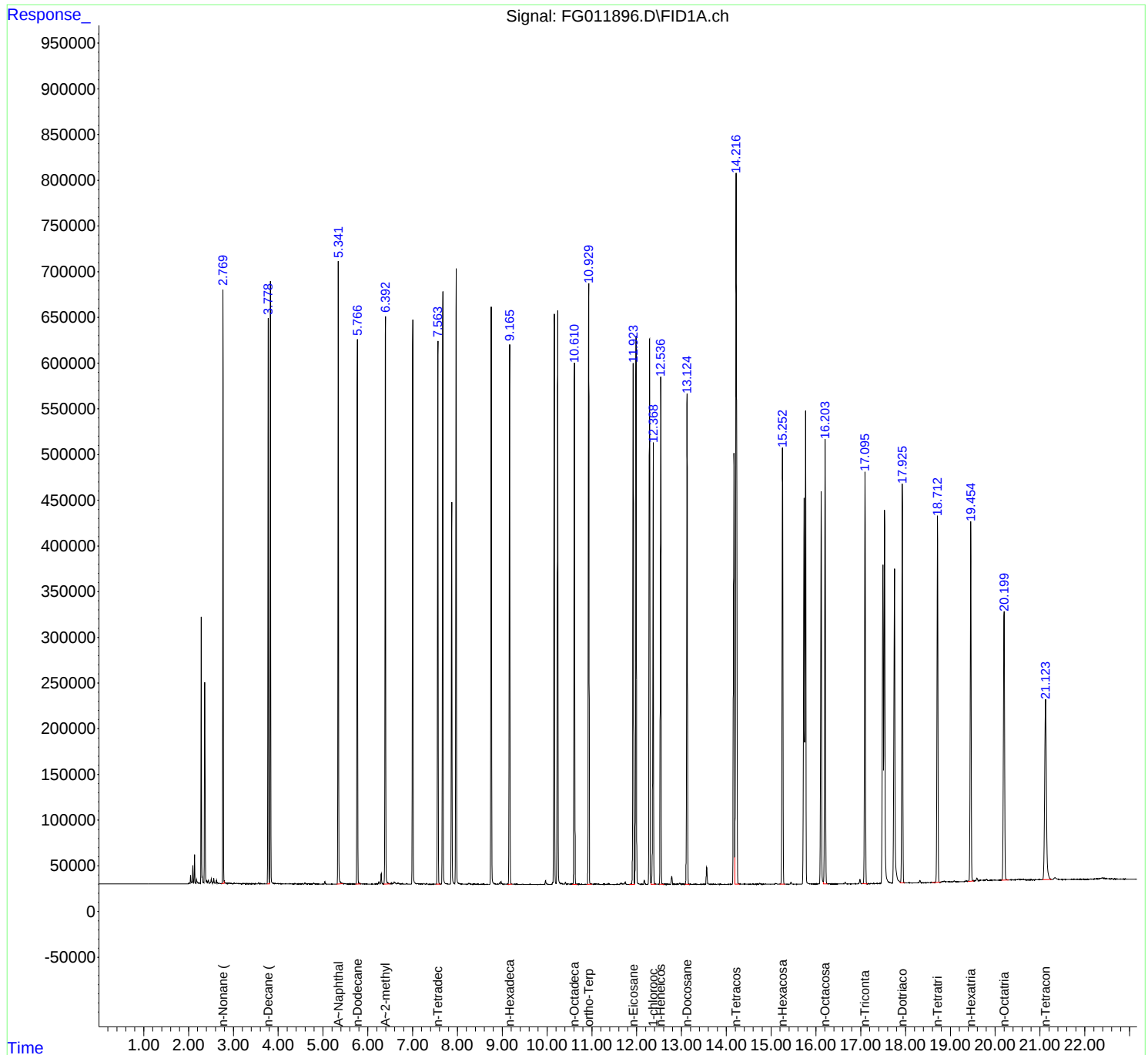
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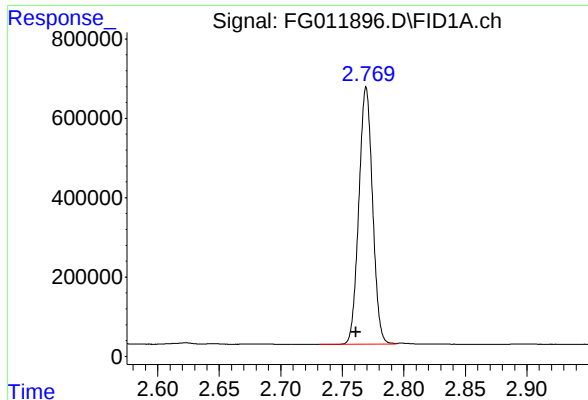
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.769 min
Delta R.T.: 0.008 min
Response: 5026323
Conc: 43.66 ug/ml

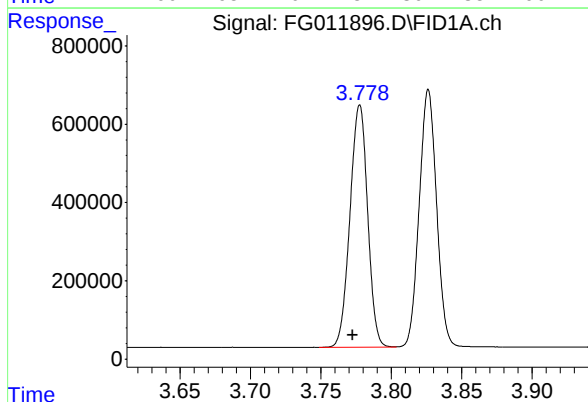
Instrument :

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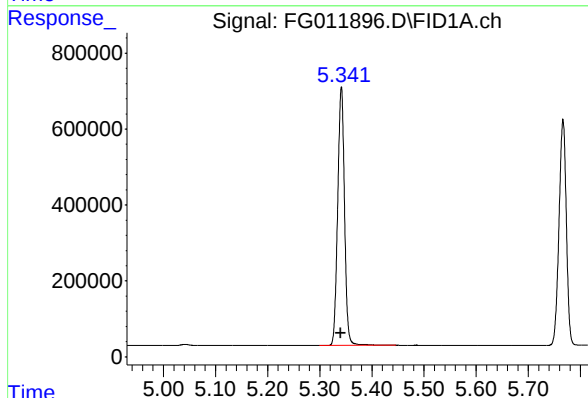
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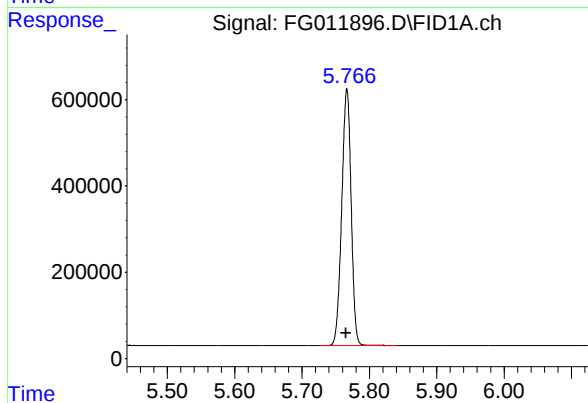
#2 n-Decane (C10)

R.T.: 3.778 min
Delta R.T.: 0.005 min
Response: 5406898
Conc: 45.84 ug/ml



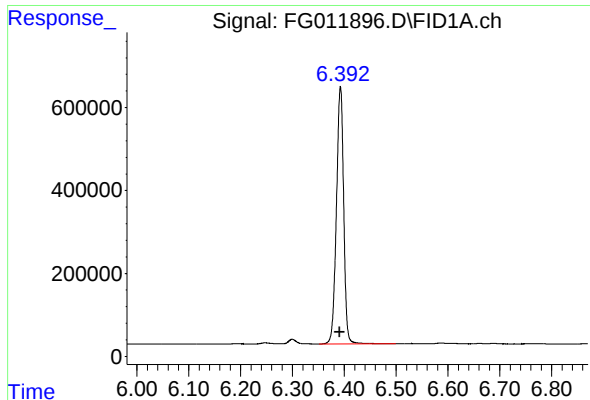
#3 A~Naphthalene (C11.7)

R.T.: 5.341 min
Delta R.T.: 0.001 min
Response: 6190247
Conc: 47.23 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.767 min
Delta R.T.: 0.001 min
Response: 5781687
Conc: 48.20 ug/ml



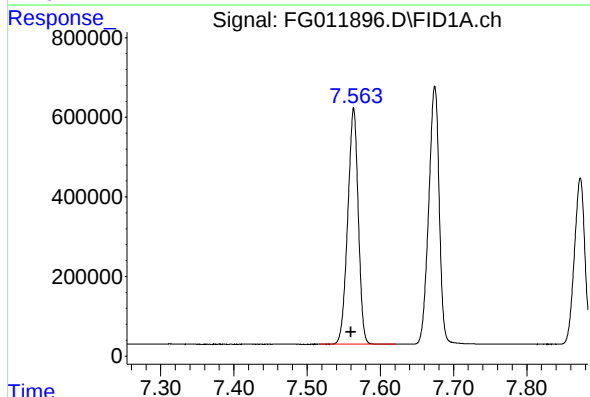
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.393 min
Delta R.T.: 0.002 min
Response: 6020077
Conc: 47.69 ug/ml

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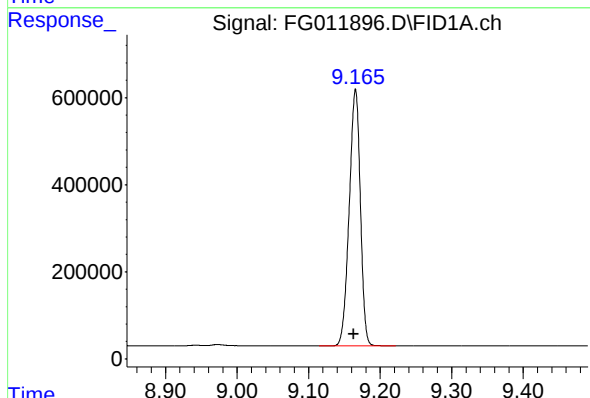
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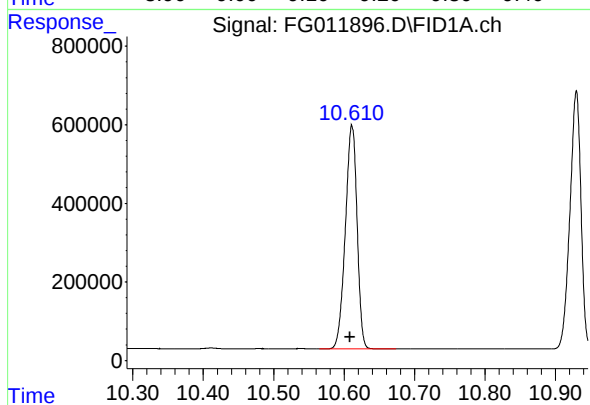
#6 n-Tetradecane (C14)

R.T.: 7.564 min
Delta R.T.: 0.004 min
Response: 5920761
Conc: 48.76 ug/ml



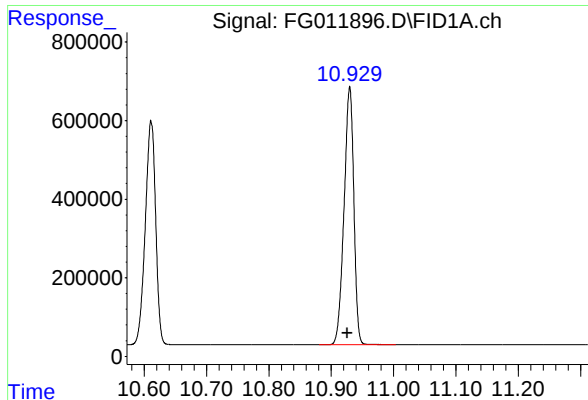
#7 n-Hexadecane (C16)

R.T.: 9.166 min
Delta R.T.: 0.003 min
Response: 6371821
Conc: 49.08 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.611 min
Delta R.T.: 0.003 min
Response: 6592543
Conc: 48.43 ug/ml



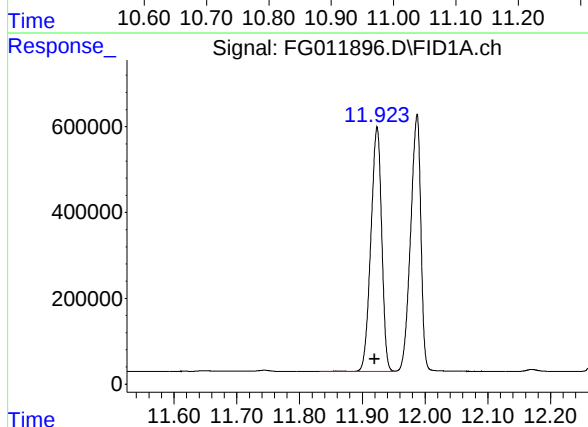
#9 ortho-Terphenyl (SURR)

R.T.: 10.930 min
Delta R.T.: 0.004 min
Response: 7144519
Conc: 45.65 ug/ml

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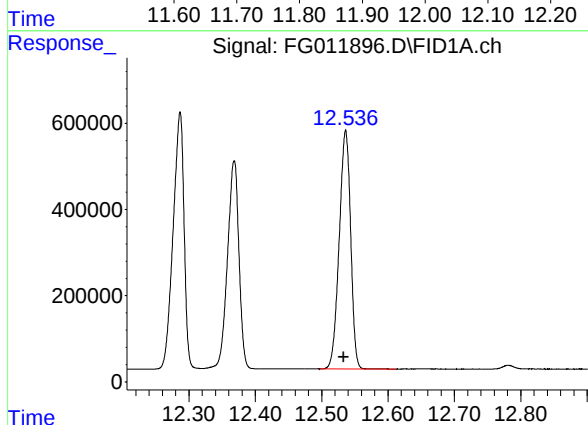
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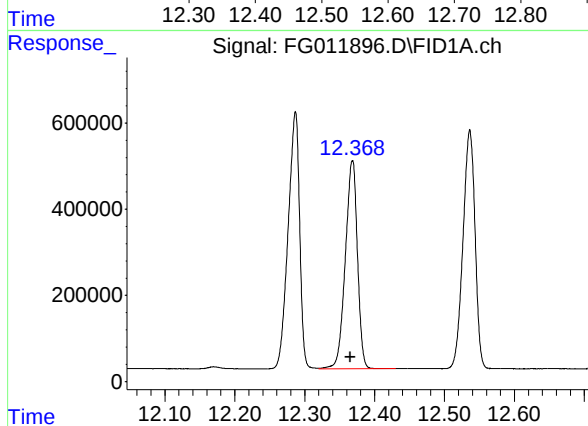
#10 n-Eicosane (C20)

R.T.: 11.924 min
Delta R.T.: 0.004 min
Response: 6816878
Conc: 50.51 ug/ml



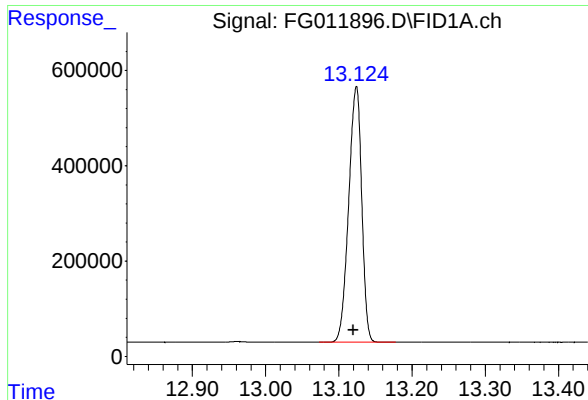
#11 n-Heneicosane (C21)

R.T.: 12.536 min
Delta R.T.: 0.003 min
Response: 6630593
Conc: 49.33 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.368 min
Delta R.T.: 0.003 min
Response: 5817640
Conc: 49.06 ug/ml



#13 n-Docosane (C22)

R.T.: 13.124 min
Delta R.T.: 0.004 min
Response: 6628218
Conc: 49.05 ug/ml

Instrument :

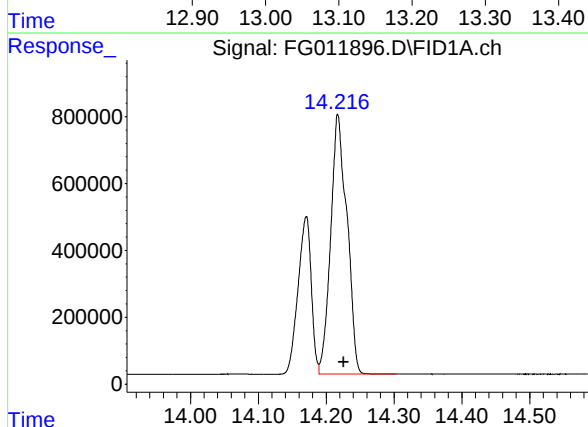
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ClientSampleId :

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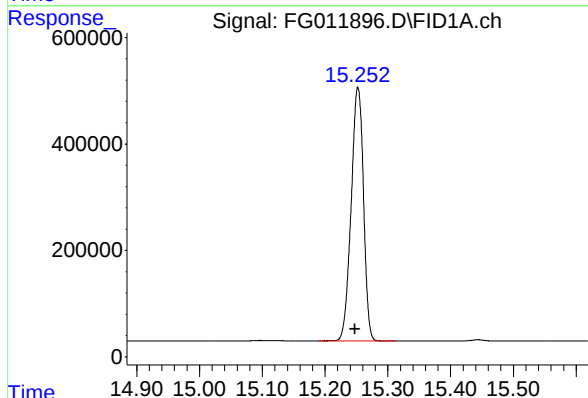
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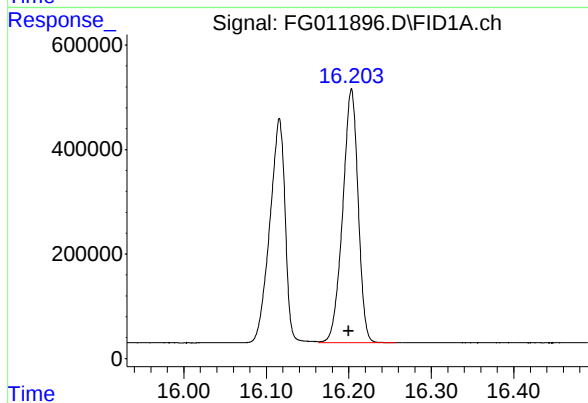
#14 n-Tetracosane (C24)

R.T.: 14.217 min
Delta R.T.: -0.009 min
Response: 12956471
Conc: 95.20 ug/ml



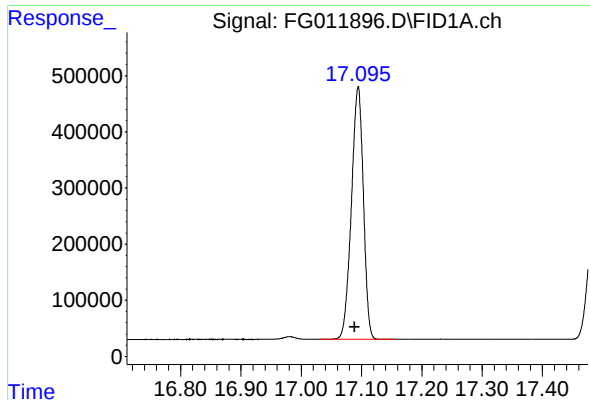
#15 n-Hexacosane (C26)

R.T.: 15.252 min
Delta R.T.: 0.005 min
Response: 6493306
Conc: 48.54 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.203 min
Delta R.T.: 0.004 min
Response: 6318346
Conc: 48.40 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.095 min
Delta R.T.: 0.006 min
Response: 6202936
Conc: 47.03 ug/ml

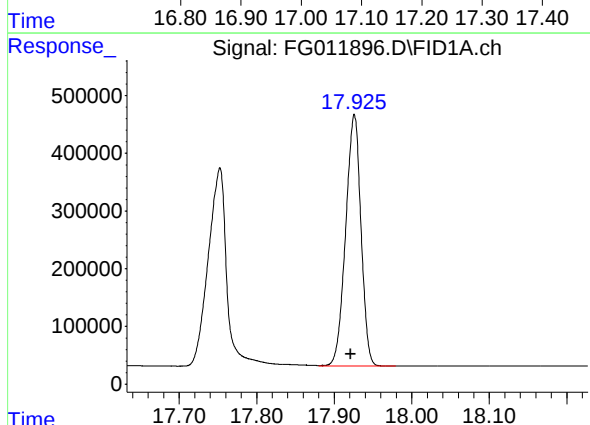
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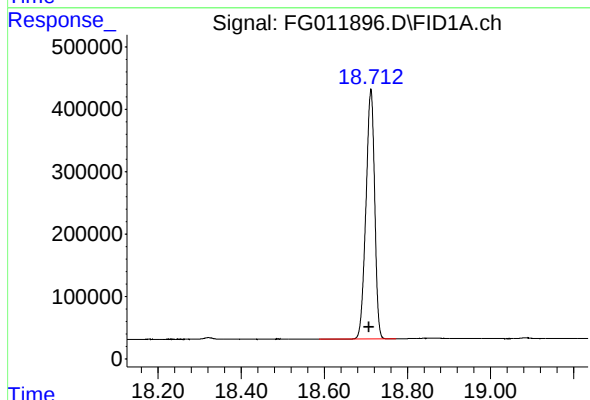
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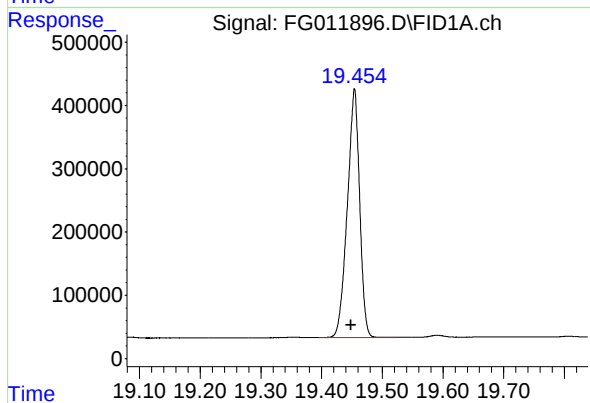
#18 n-Dotriacontane (C32)

R.T.: 17.926 min
Delta R.T.: 0.005 min
Response: 5986626
Conc: 46.60 ug/ml



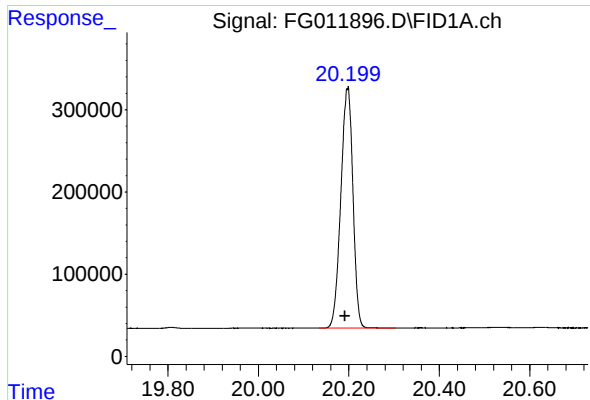
#19 n-Tetratriacontane (C34)

R.T.: 18.712 min
Delta R.T.: 0.004 min
Response: 5822855
Conc: 47.52 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.454 min
Delta R.T.: 0.006 min
Response: 5544484
Conc: 47.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.198 min
Delta R.T.: 0.006 min
Response: 5432514
Conc: 48.35 ug/ml

Instrument :

FID_G

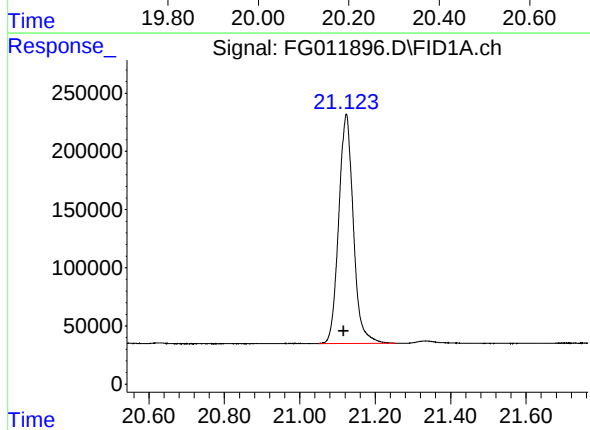
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#22 n-Tetracontane (C40)

R.T.: 21.123 min
Delta R.T.: 0.007 min
Response: 5291901
Conc: 49.12 ug/ml m