

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071823AL\
 Data File : FG012448.D
 Signal(s) : FID1A.ch
 Acq On : 19 Jul 2023 03:46
 Operator : YP\AJ
 Sample : 03646-01MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

GATE-1MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 07/19/2023

Supervised By :Ankita Jodhani 07/19/2023

Integration File: autoint1.e

Quant Time: Jul 19 05:34:20 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 071423.M

Quant Title : GC Extractables

QLast Update : Sat Jul 15 01:18:50 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)	10.885	5001510	32.008 ug/ml
Spiked Amount 50.000		Recovery =	64.02%
12) S 1-chlorooctadecane (S...	12.323	3351874	28.920 ug/ml
Spiked Amount 50.000		Recovery =	57.84%
Target Compounds			
1) T n-Nonane (C9)	2.736	3450451	27.739 ug/mlm
2) T n-Decane (C10)	3.744	3904697	30.711 ug/ml
3) T A~Naphthalene (C11.7)	5.306	4566950	32.995 ug/ml
4) T n-Dodecane (C12)	5.731	4235539	32.922 ug/ml
5) T A~2-methylnaphthalene...	6.356	4578346	35.063 ug/ml
6) T n-Tetradecane (C14)	7.525	4453222	34.871 ug/ml
7) T n-Hexadecane (C16)	9.125	4788009	35.910 ug/ml
8) T n-Octadecane (C18)	10.569	5049687	36.362 ug/ml
10) T n-Eicosane (C20)	11.879	5157256	38.146 ug/ml
11) T n-Heneicosane (C21)	12.490	4962344	37.405 ug/ml
13) T n-Docosane (C22)	13.077	4921504	37.331 ug/ml
14) T n-Tetracosane (C24)	14.171	9665925	68.821 ug/ml
15) T n-Hexacosane (C26)	15.203	4637327	36.736 ug/ml
16) T n-Octacosane (C28)	16.153	4693016	37.332 ug/ml
17) T n-Tricontane (C30)	17.043	4537377	34.337 ug/ml
18) T n-Dotriacontane (C32)	17.873	4617776	34.705 ug/ml
19) T n-Tetratriacontane (C34)	18.659	4448065	34.716 ug/ml
20) T n-Hexatriacontane (C36)	19.399	4418968	35.761 ug/ml
21) T n-Octatriacontane (C38)	20.133	4531548	37.940 ug/ml
22) T n-Tetracontane (C40)	21.038	4541683	39.195 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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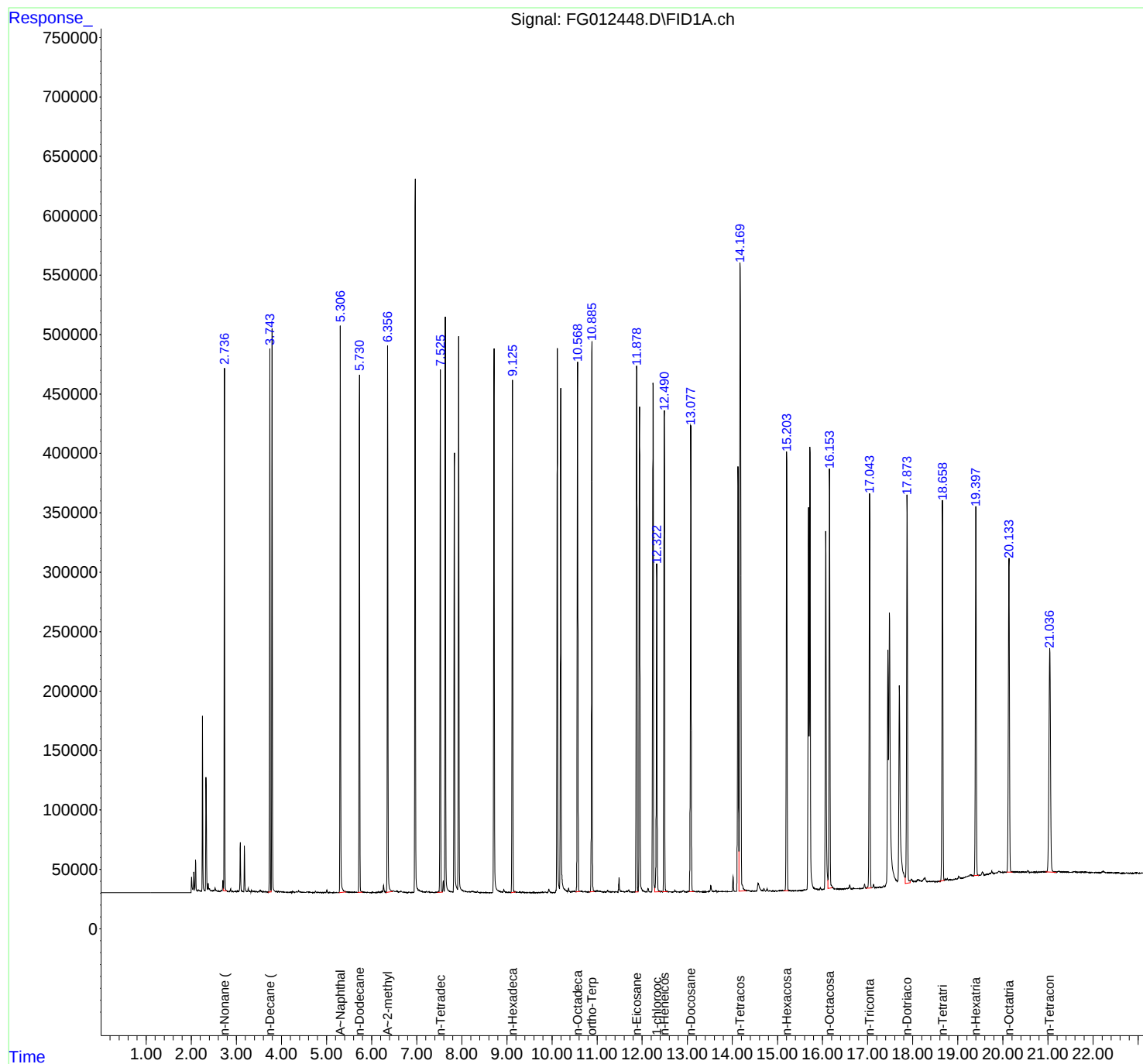
Response via : Initial Calibration

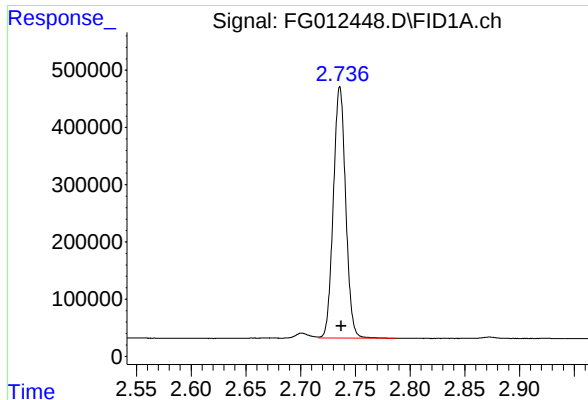
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





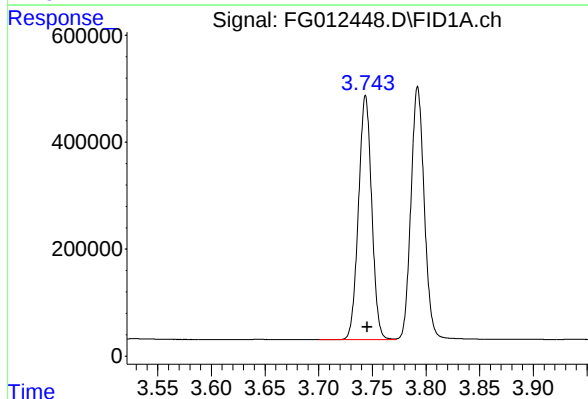
#1 n-Nonane (C9)

R.T.: 2.736 min
Delta R.T.: -0.001 min
Response: 3450451
Conc: 27.74 ug/ml

Instrument :
FID_G
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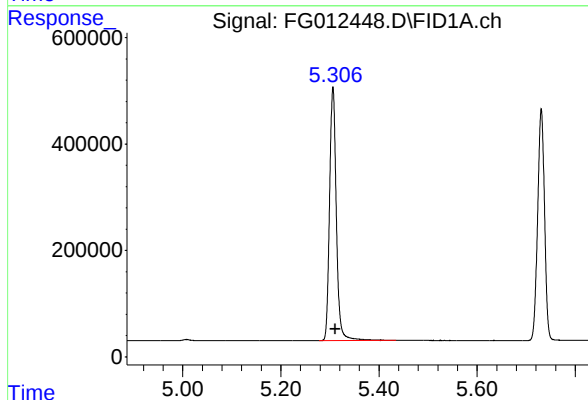
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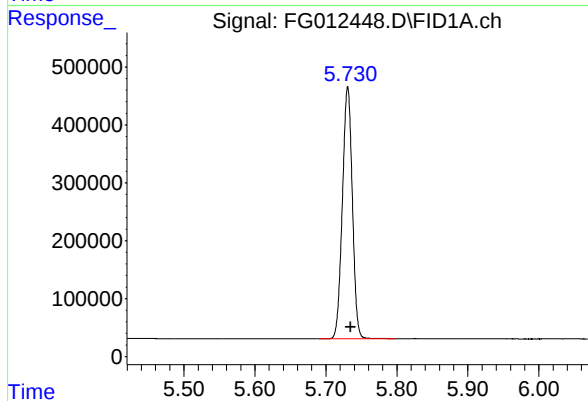
#2 n-Decane (C10)

R.T.: 3.744 min
Delta R.T.: -0.002 min
Response: 3904697
Conc: 30.71 ug/ml



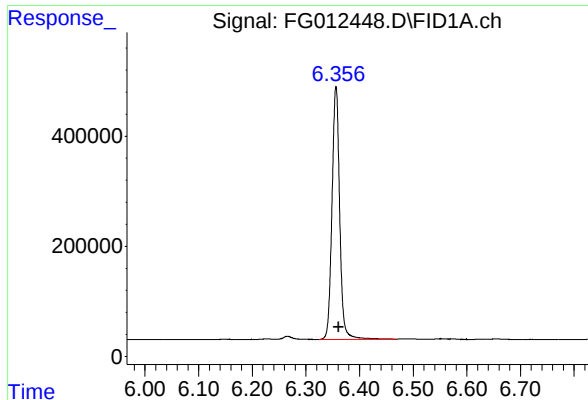
#3 A~Naphthalene (C11.7)

R.T.: 5.306 min
Delta R.T.: -0.005 min
Response: 4566950
Conc: 32.99 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.731 min
Delta R.T.: -0.004 min
Response: 4235539
Conc: 32.92 ug/ml



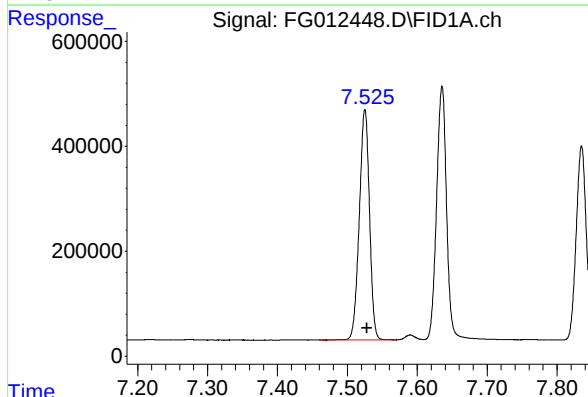
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.356 min
Delta R.T.: -0.005 min
Response: 4578346
Conc: 35.06 ug/ml

Instrument :
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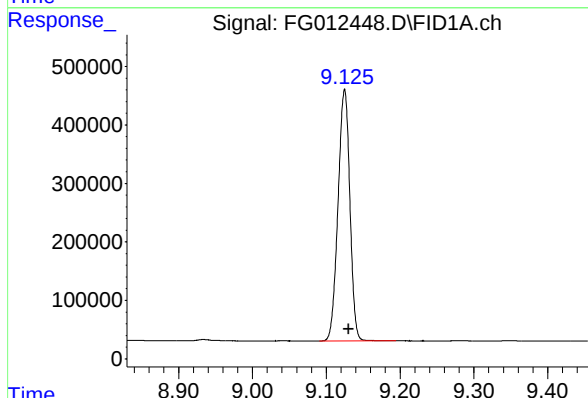
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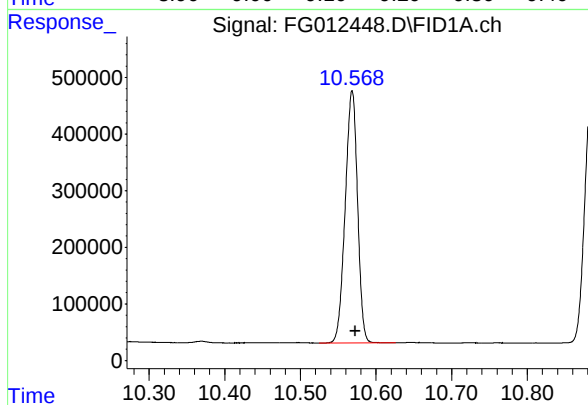
#6 n-Tetradecane (C14)

R.T.: 7.525 min
Delta R.T.: -0.003 min
Response: 4453222
Conc: 34.87 ug/ml



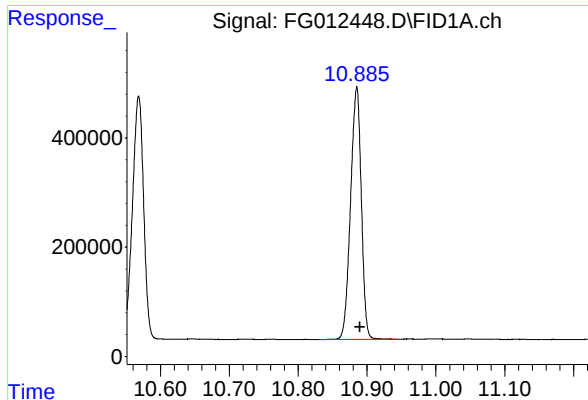
#7 n-Hexadecane (C16)

R.T.: 9.125 min
Delta R.T.: -0.005 min
Response: 4788009
Conc: 35.91 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.569 min
Delta R.T.: -0.004 min
Response: 5049687
Conc: 36.36 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.885 min
Delta R.T.: -0.005 min
Response: 5001510
Conc: 32.01 ug/ml

Instrument :

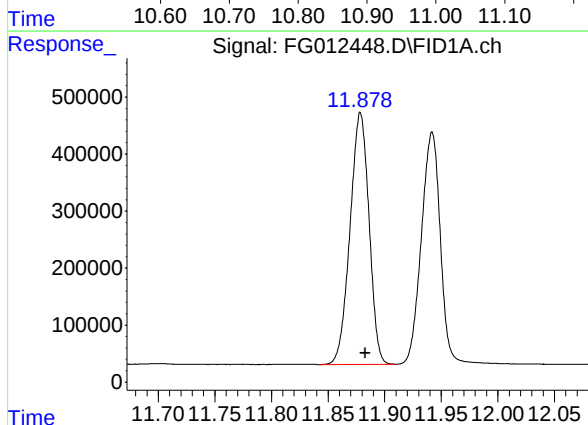
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ClientSampleId :

GATE-1MSD

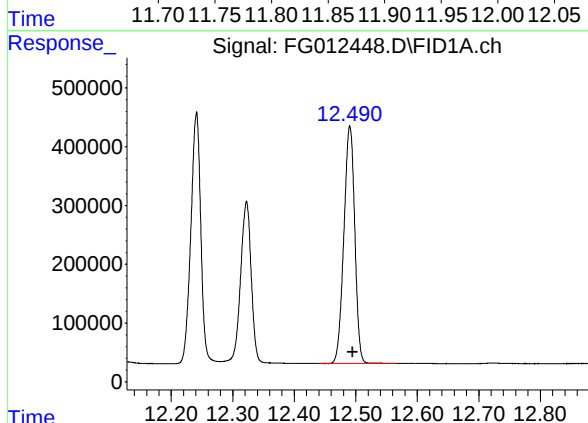
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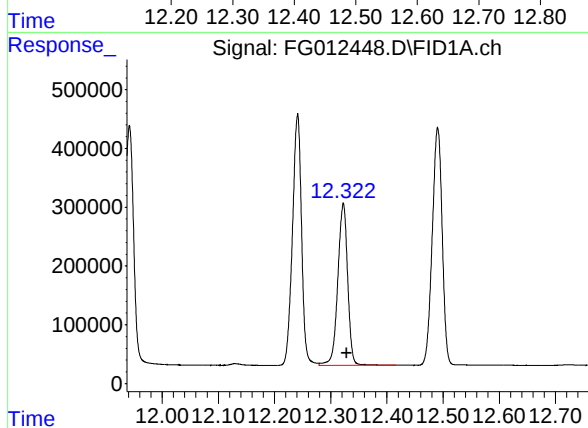
#10 n-Eicosane (C20)

R.T.: 11.879 min
Delta R.T.: -0.004 min
Response: 5157256
Conc: 38.15 ug/ml



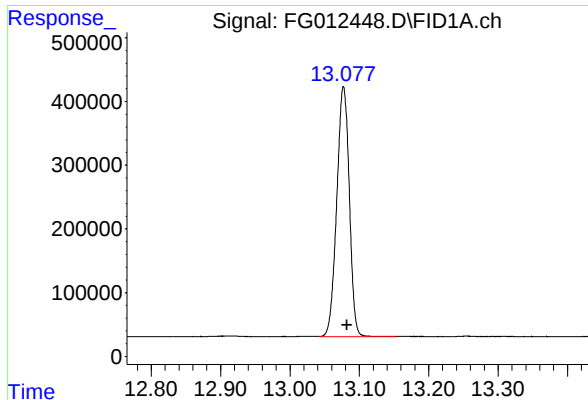
#11 n-Heneicosane (C21)

R.T.: 12.490 min
Delta R.T.: -0.005 min
Response: 4962344
Conc: 37.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.323 min
Delta R.T.: -0.006 min
Response: 3351874
Conc: 28.92 ug/ml



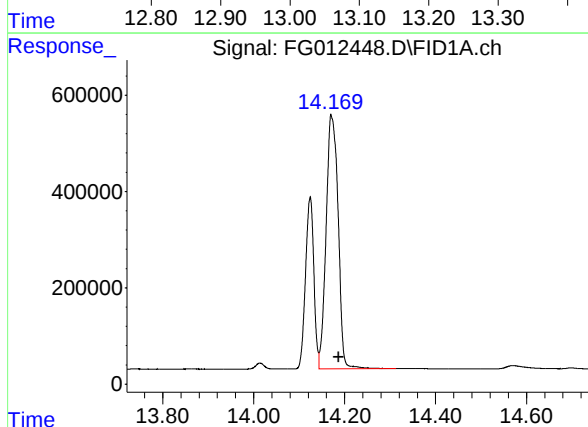
#13 n-Docosane (C22)

R.T.: 13.077 min
Delta R.T.: -0.005 min
Response: 4921504
Conc: 37.33 ug/ml

Instrument :
FID_G
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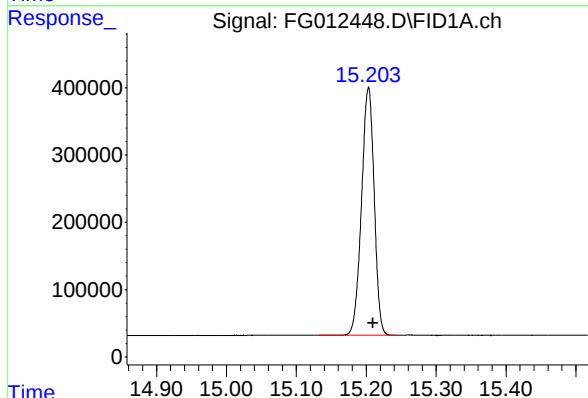
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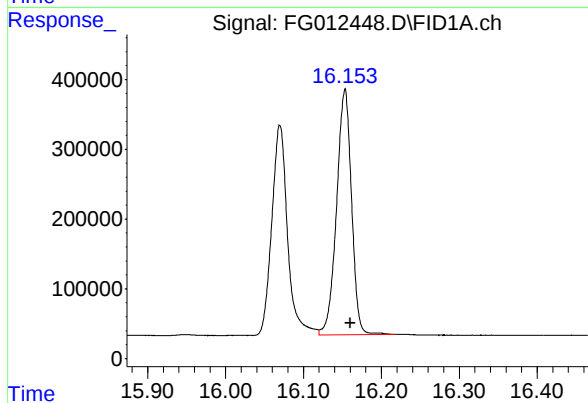
#14 n-Tetracosane (C24)

R.T.: 14.171 min
Delta R.T.: -0.016 min
Response: 9665925
Conc: 68.82 ug/ml



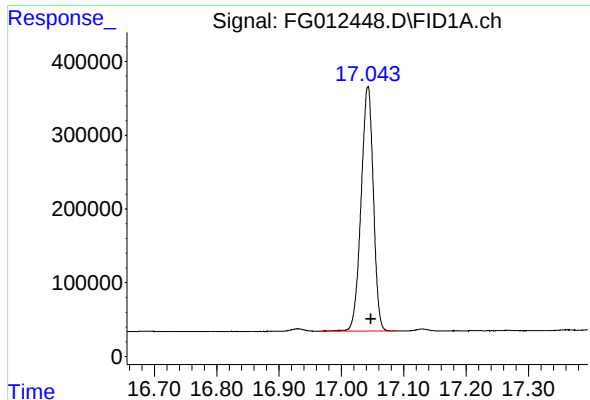
#15 n-Hexacosane (C26)

R.T.: 15.203 min
Delta R.T.: -0.006 min
Response: 4637327
Conc: 36.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.153 min
Delta R.T.: -0.007 min
Response: 4693016
Conc: 37.33 ug/ml



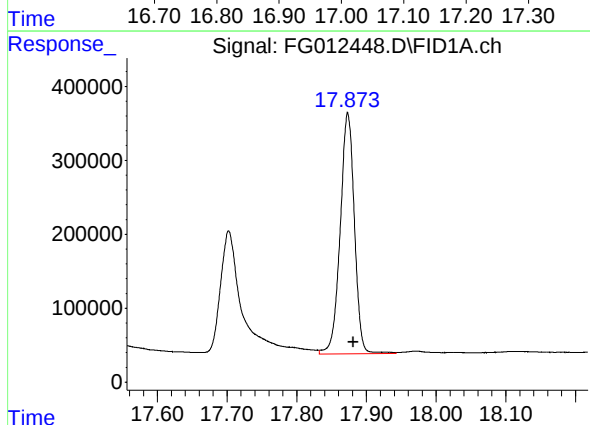
#17 n-Tricontane (C30)

R.T.: 17.043 min
Delta R.T.: -0.005 min
Response: 4537377
Conc: 34.34 ug/ml

Instrument :
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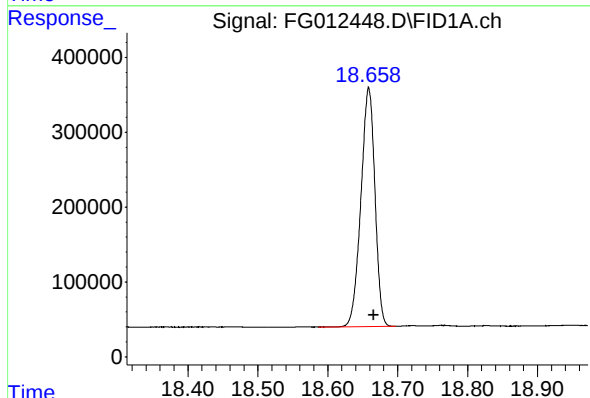
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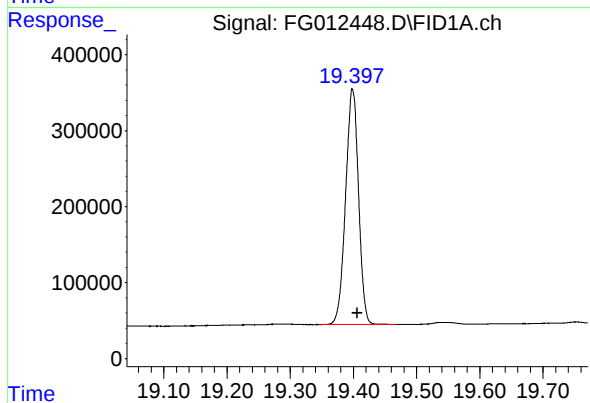
#18 n-Dotriacontane (C32)

R.T.: 17.873 min
Delta R.T.: -0.008 min
Response: 4617776
Conc: 34.70 ug/ml



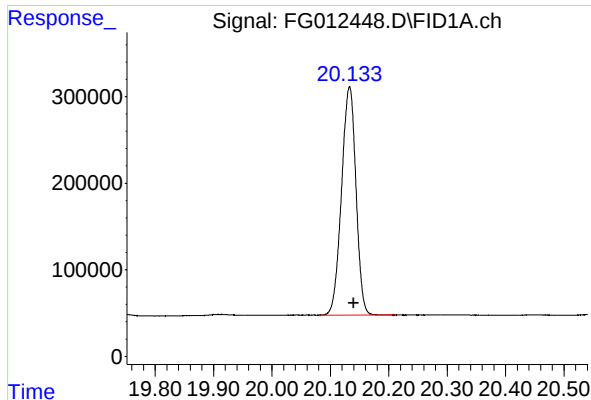
#19 n-Tetratriacontane (C34)

R.T.: 18.659 min
Delta R.T.: -0.007 min
Response: 4448065
Conc: 34.72 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.399 min
Delta R.T.: -0.007 min
Response: 4418968
Conc: 35.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.133 min
Delta R.T.: -0.007 min
Response: 4531548
Conc: 37.94 ug/ml

Instrument :

FID_G

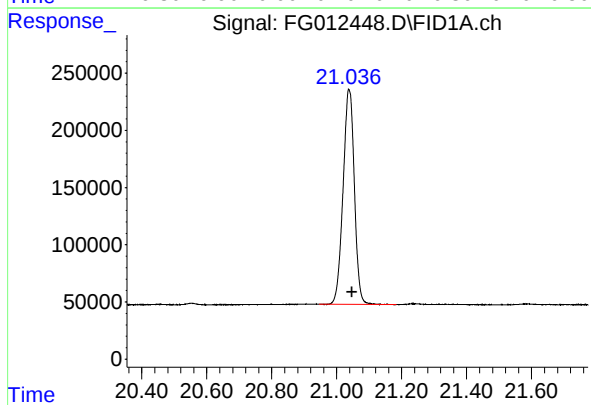
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#22 n-Tetracontane (C40)

R.T.: 21.038 min
Delta R.T.: -0.010 min
Response: 4541683
Conc: 39.19 ug/ml