

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111924AL\
 Data File : FG014873.D
 Signal(s) : FID1A.ch
 Acq On : 19 Nov 2024 15:40
 Operator : YP\AJ
 Sample : PB165088BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

PB165088BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/20/2024

Supervised By :Ankita Jodhani 11/21/2024

Integration File: autoint1.e

Quant Time: Nov 20 00:36:59 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 111424.M

Quant Title : GC Extractables

QLast Update : Thu Nov 14 16:33:02 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)	11.948	6381918	43.250 ug/ml
Spiked Amount 50.000		Recovery =	86.50%
12) S 1-chlorooctadecane (S...	13.387	4913903	44.218 ug/ml
Spiked Amount 50.000		Recovery =	88.44%
Target Compounds			
1) T n-Nonane (C9)	3.333	6425606	47.326 ug/ml
2) T n-Decane (C10)	4.577	6819879	49.180 ug/ml
3) T A~Naphthalene (C11.7)	6.275	7590255	51.161 ug/ml
4) T n-Dodecane (C12)	6.741	7279771	51.939 ug/ml
5) T A~2-methylnaphthalene...	7.372	7183022	50.321 ug/ml
6) T n-Tetradecane (C14)	8.574	7728826	55.748 ug/ml
7) T n-Hexadecane (C16)	10.184	7999147	56.455 ug/ml
8) T n-Octadecane (C18)	11.631	8148576	57.892 ug/ml
10) T n-Eicosane (C20)	12.944	8218008	61.937 ug/ml
11) T n-Heneicosane (C21)	13.556	7888289	60.763 ug/ml
13) T n-Docosane (C22)	14.144	7794191	61.129 ug/ml
14) T n-Tetracosane (C24)	15.228	14755379	118.068 ug/mlm
15) T n-Hexacosane (C26)	16.274	7275821	59.802 ug/ml
16) T n-Octacosane (C28)	17.221	7108394	59.249 ug/ml
17) T n-Tricontane (C30)	18.111	6885941	54.915 ug/ml
18) T n-Dotriacontane (C32)	18.942	6690896	53.720 ug/ml
19) T n-Tetratriacontane (C34)	19.725	6735374	62.353 ug/ml
20) T n-Hexatriacontane (C36)	20.464	6642121	71.748 ug/ml
21) T n-Octatriacontane (C38)	21.214	6902304	78.784 ug/ml
22) T n-Tetracontane (C40)	22.151	7153941	85.173 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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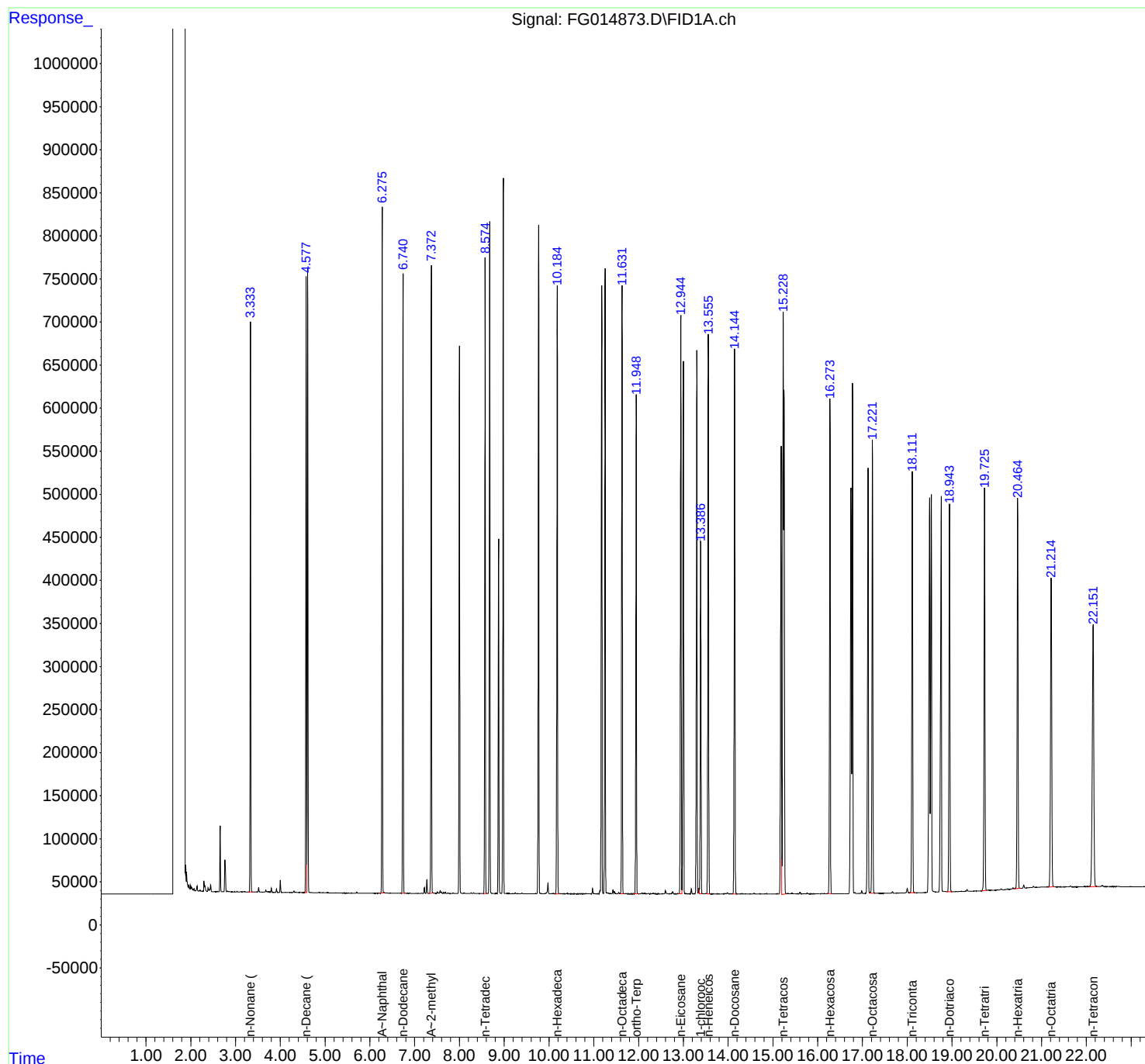
Response via : Initial Calibration

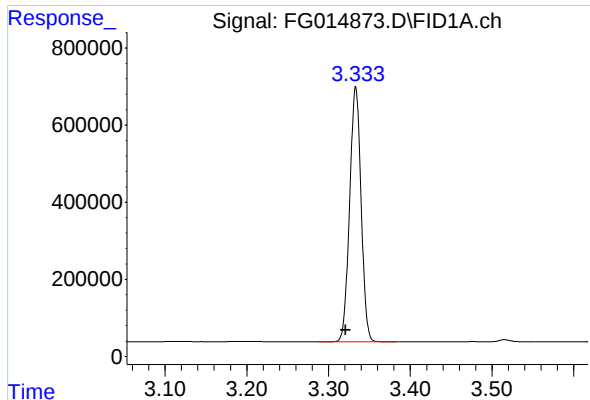
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.333 min
Delta R.T.: 0.012 min
Response: 6425606
Conc: 47.33 ug/ml

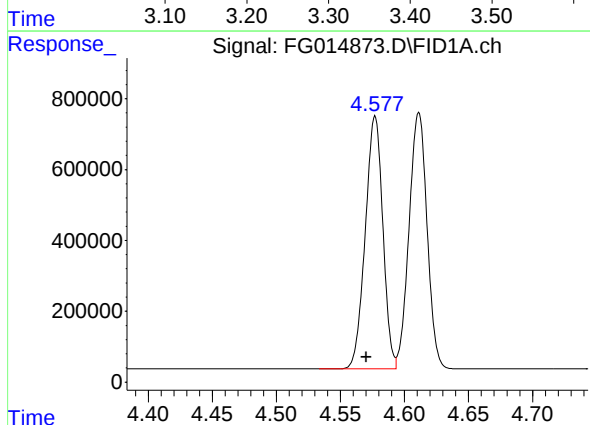
Instrument :

FID_G

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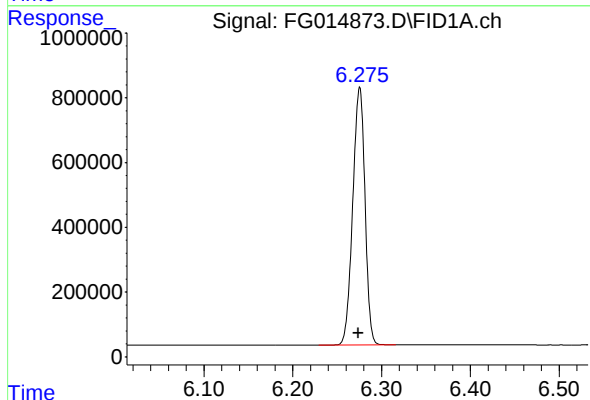
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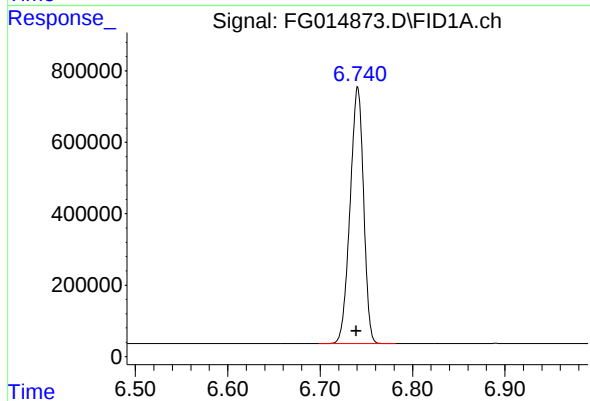
#2 n-Decane (C10)

R.T.: 4.577 min
Delta R.T.: 0.007 min
Response: 6819879
Conc: 49.18 ug/ml



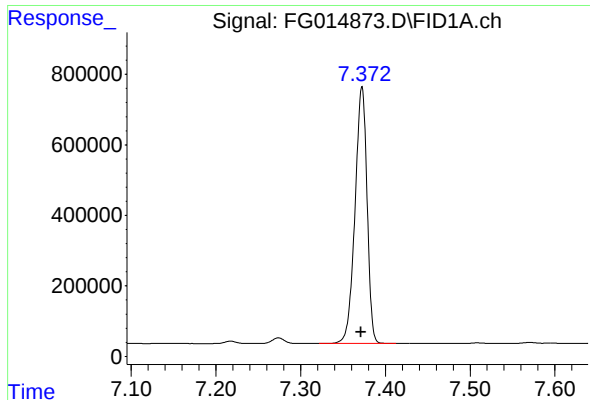
#3 A~Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: 0.001 min
Response: 7590255
Conc: 51.16 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.741 min
Delta R.T.: 0.002 min
Response: 7279771
Conc: 51.94 ug/ml



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

R.T.: 7.372 min
Delta R.T.: 0.001 min
Response: 7183022
Conc: 50.32 ug/ml

Instrument :

FID_G

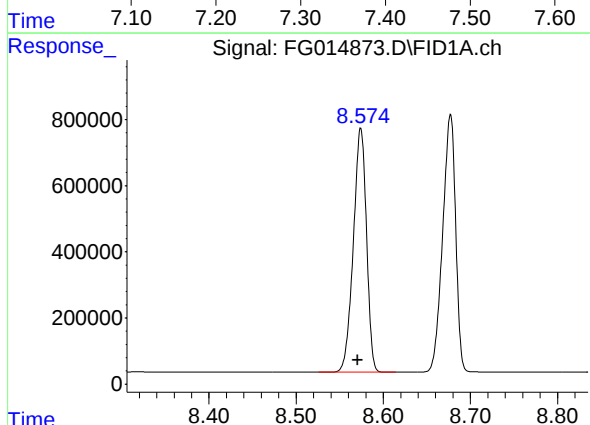
ClientSampleId :

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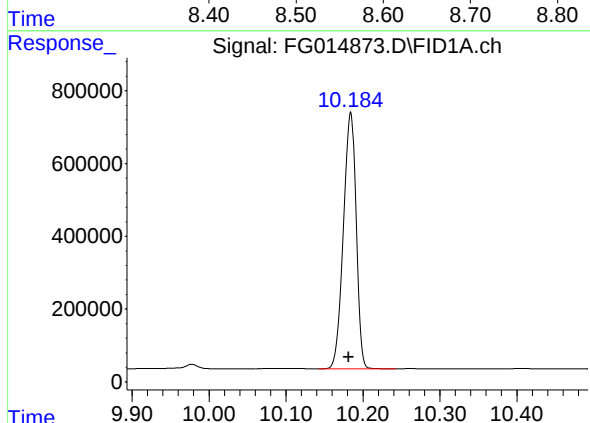
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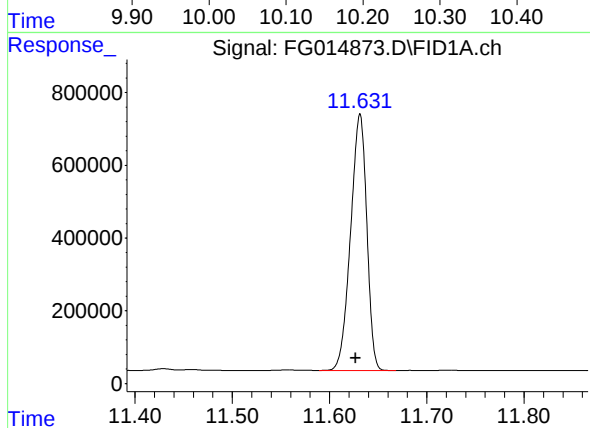
#6 n-Tetradecane (C14)

R.T.: 8.574 min
Delta R.T.: 0.003 min
Response: 7728826
Conc: 55.75 ug/ml



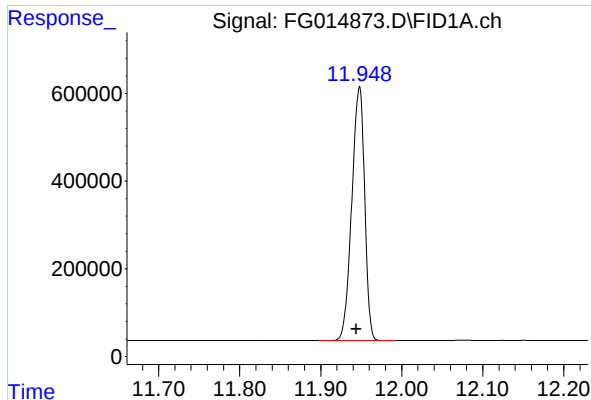
#7 n-Hexadecane (C16)

R.T.: 10.184 min
Delta R.T.: 0.003 min
Response: 7999147
Conc: 56.45 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.631 min
Delta R.T.: 0.005 min
Response: 8148576
Conc: 57.89 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.948 min
Delta R.T.: 0.004 min
Response: 6381918
Conc: 43.25 ug/ml

Instrument :

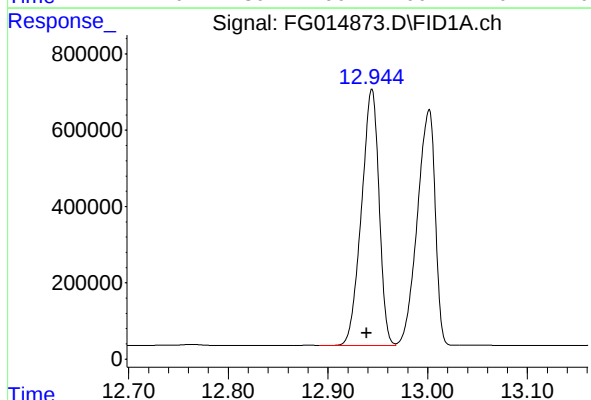
FID_G

ClientSampleId :

PB165088BS

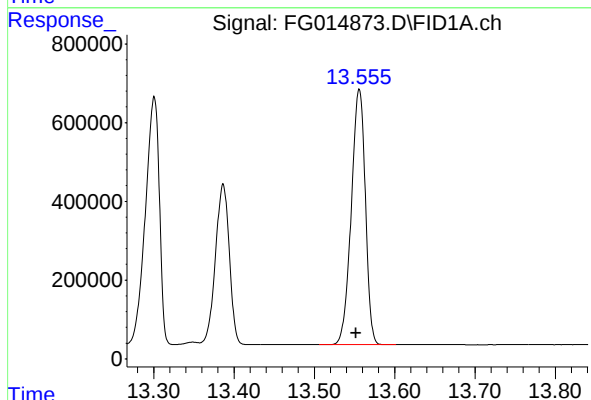
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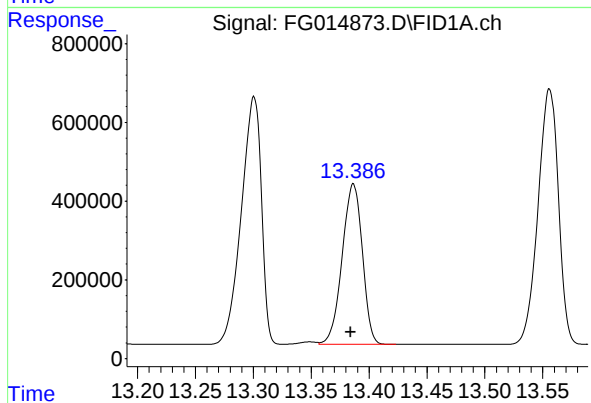
#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: 0.005 min
Response: 8218008
Conc: 61.94 ug/ml



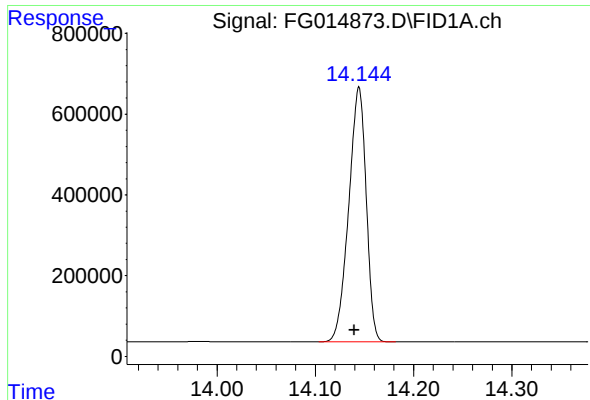
#11 n-Heneicosane (C21)

R.T.: 13.556 min
Delta R.T.: 0.004 min
Response: 7888289
Conc: 60.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.387 min
Delta R.T.: 0.002 min
Response: 4913903
Conc: 44.22 ug/ml



#13 n-Docosane (C22)

R.T.: 14.144 min
Delta R.T.: 0.005 min
Response: 7794191
Conc: 61.13 ug/ml

Instrument :

FID_G

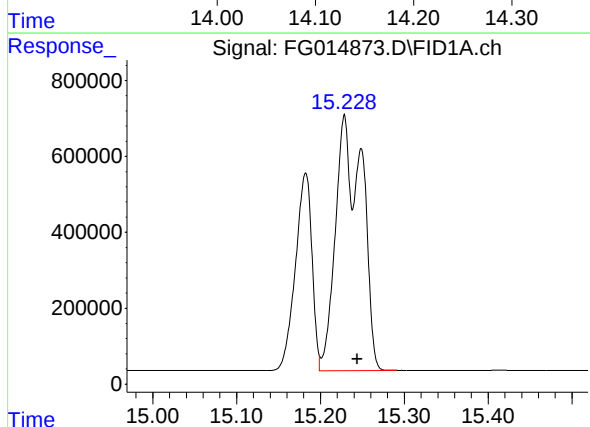
ClientSampleId :

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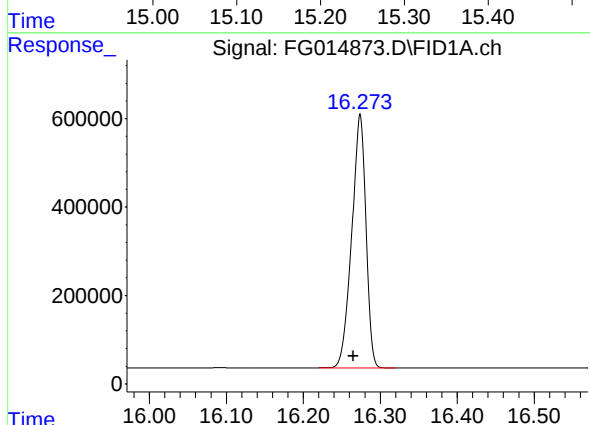
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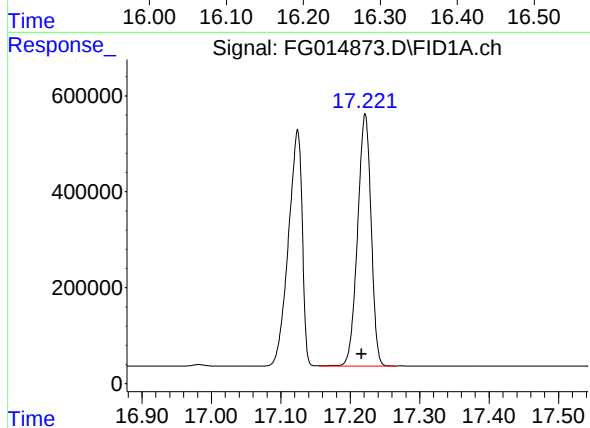
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: -0.016 min
Response: 14755379
Conc: 118.07 ug/ml m



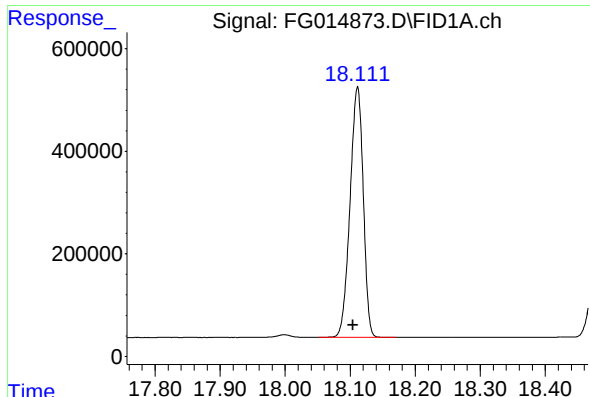
#15 n-Hexacosane (C26)

R.T.: 16.274 min
Delta R.T.: 0.008 min
Response: 7275821
Conc: 59.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.221 min
Delta R.T.: 0.005 min
Response: 7108394
Conc: 59.25 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.111 min
Delta R.T.: 0.007 min
Response: 6885941
Conc: 54.91 ug/ml

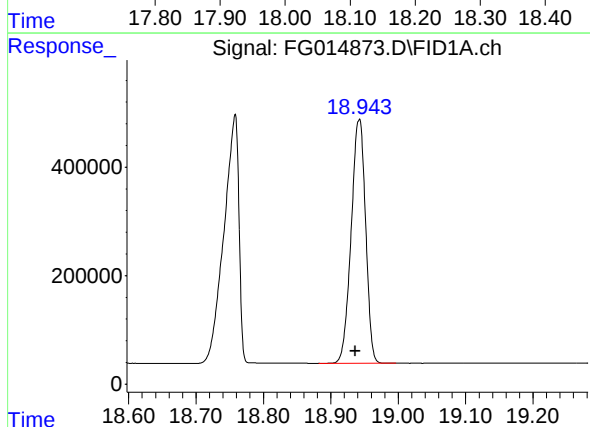
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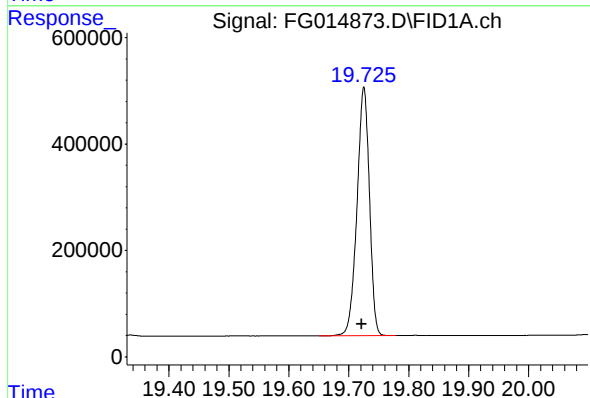
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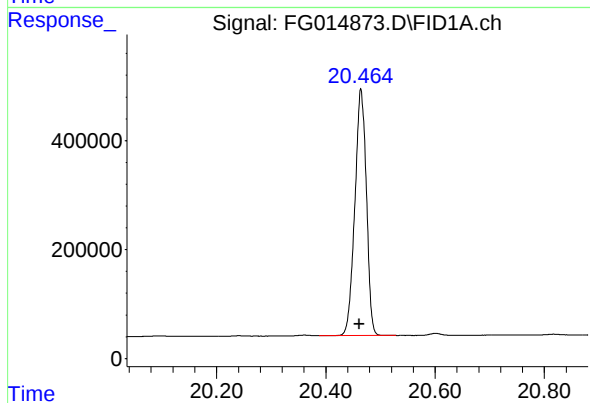
#18 n-Dotriacontane (C32)

R.T.: 18.942 min
Delta R.T.: 0.006 min
Response: 6690896
Conc: 53.72 ug/ml



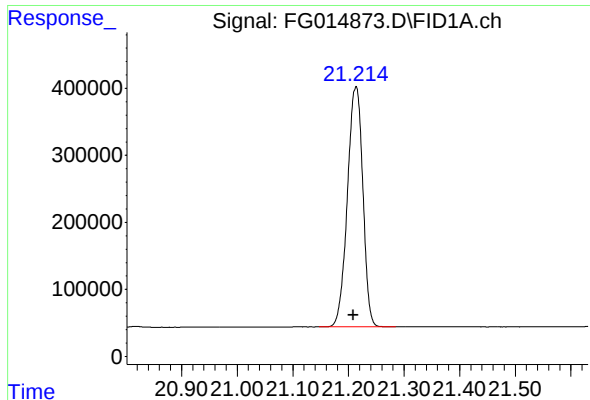
#19 n-Tetratriacontane (C34)

R.T.: 19.725 min
Delta R.T.: 0.004 min
Response: 6735374
Conc: 62.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.464 min
Delta R.T.: 0.003 min
Response: 6642121
Conc: 71.75 ug/ml



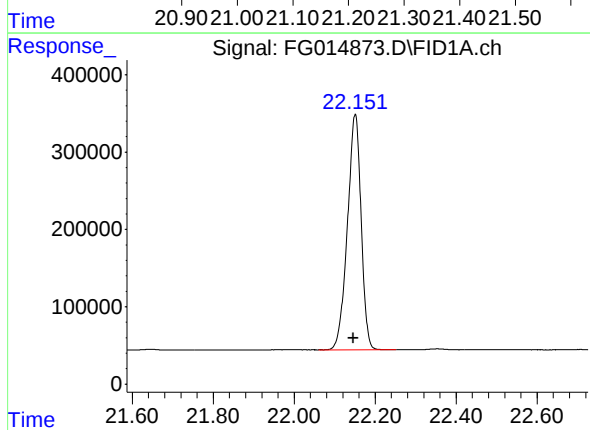
#21 n-Octatriacontane (C38)

R.T.: 21.214 min
Delta R.T.: 0.005 min
Response: 6902304
Conc: 78.78 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.151 min
Delta R.T.: 0.005 min
Response: 7153941
Conc: 85.17 ug/ml