

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042225AL\
 Data File : FG015736.D
 Signal(s) : FID1A.ch
 Acq On : 22 Apr 2025 14:47
 Operator : YP\AJ
 Sample : PB167690BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

PB167690BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/23/2025

Supervised By :mohammad ahmed 04/24/2025

Integration File: autoint1.e

Quant Time: Apr 23 02:42:32 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 041725.M

Quant Title : GC Extractables

QLast Update : Thu Apr 17 12:40:13 2025

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)	11.899	5230164	36.076 ug/ml
Spiked Amount 50.000		Recovery =	72.15%
12) S 1-chlorooctadecane (S...	13.344	4125892	39.016 ug/ml
Spiked Amount 50.000		Recovery =	78.03%
Target Compounds			
1) T n-Nonane (C9)	3.249	3803170	34.033 ug/ml
2) T n-Decane (C10)	4.507	3958481	35.301 ug/ml
3) T A~Naphthalene (C11.7)	6.218	4534803	39.086 ug/ml
4) T n-Dodecane (C12)	6.686	4162418	36.405 ug/ml
5) T A~2-methylnaphthalene...	7.319	4138117	37.171 ug/ml
6) T n-Tetradecane (C14)	8.523	4310940	37.830 ug/ml
7) T n-Hexadecane (C16)	10.136	4352115	37.220 ug/ml
8) T n-Octadecane (C18)	11.584	4423303	36.978 ug/ml
10) T n-Eicosane (C20)	12.899	4610527	38.745 ug/ml
11) T n-Heneicosane (C21)	13.512	4422093	37.386 ug/ml
13) T n-Docosane (C22)	14.101	4405019	37.774 ug/ml
14) T n-Tetracosane (C24)	15.205	8744718	75.878 ug/mlm
15) T n-Hexacosane (C26)	16.232	4295013	38.461 ug/ml
16) T n-Octacosane (C28)	17.184	4377689	40.225 ug/ml
17) T n-Tricontane (C30)	18.073	4156591	38.161 ug/ml
18) T n-Dotriacontane (C32)	18.908	4054743	37.689 ug/ml
19) T n-Tetratriacontane (C34)	19.693	3891149	38.189 ug/ml
20) T n-Hexatriacontane (C36)	20.434	3657836	37.393 ug/ml
21) T n-Octatriacontane (C38)	21.174	3464692	37.958 ug/ml
22) T n-Tetracontane (C40)	22.096	3148209	37.278 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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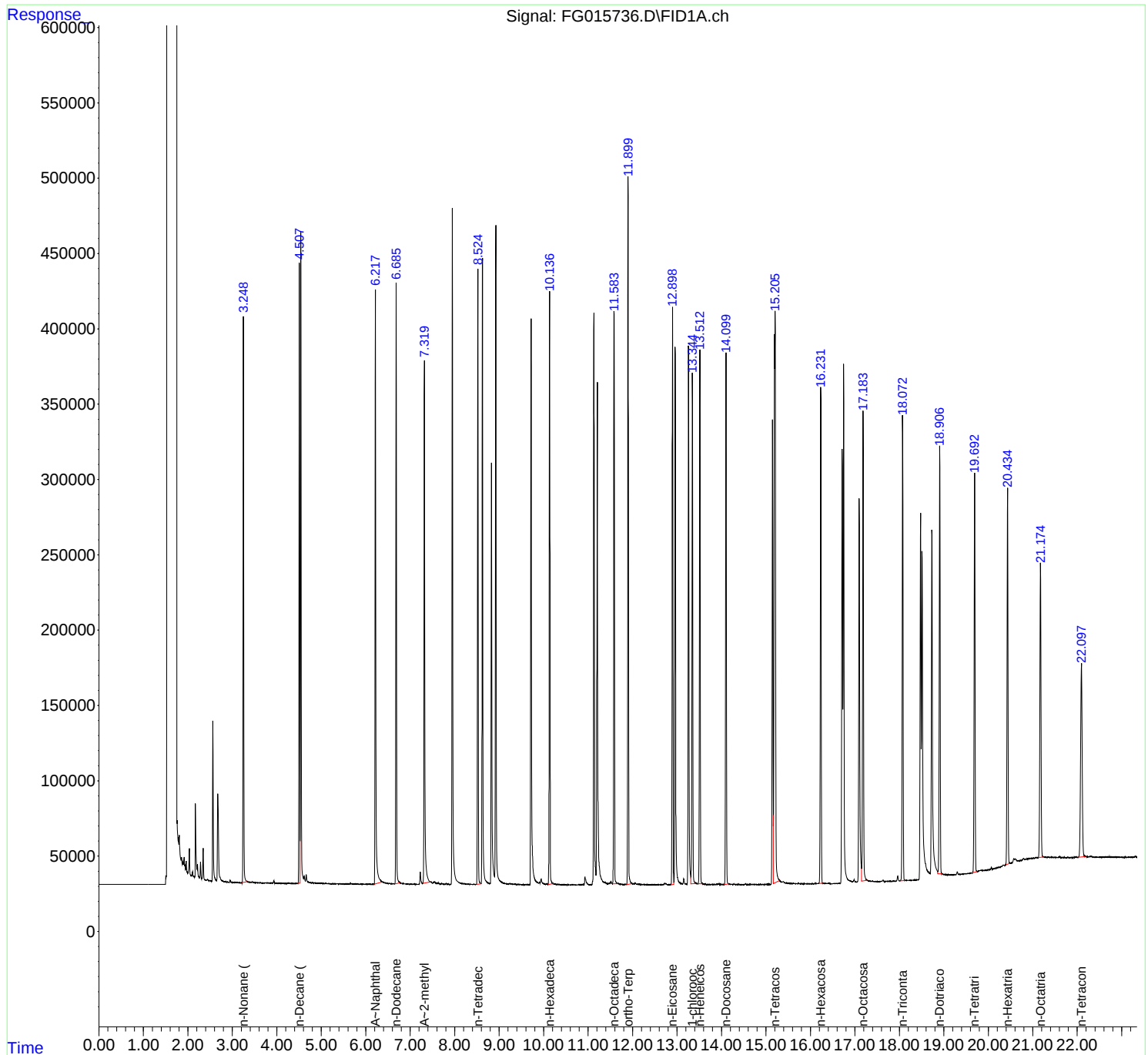
Response via : Initial Calibration

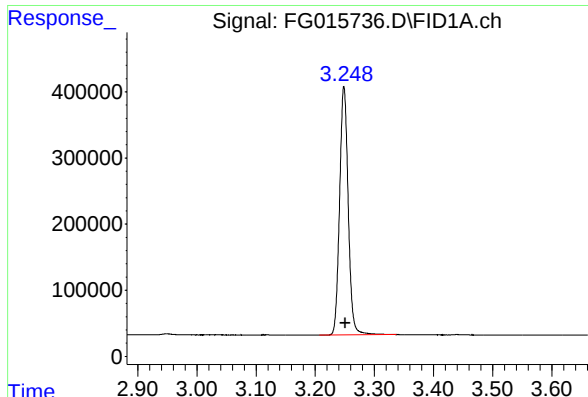
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.249 min
Delta R.T.: -0.002 min
Response: 3803170
Conc: 34.03 ug/ml

Instrument :

FID_G

ClientSampleId :

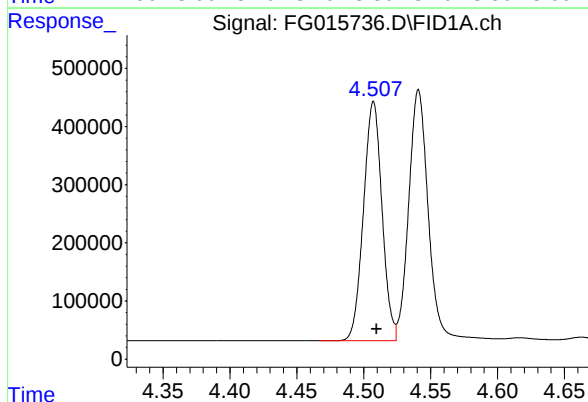
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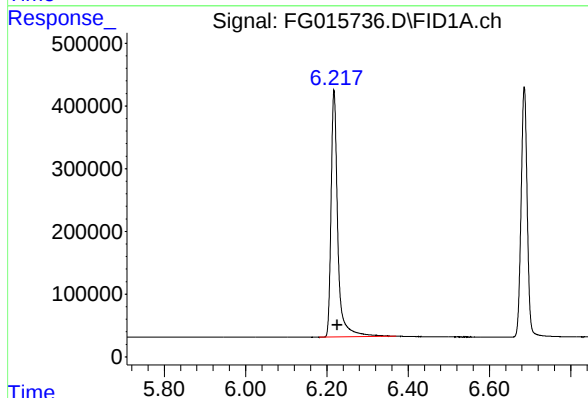
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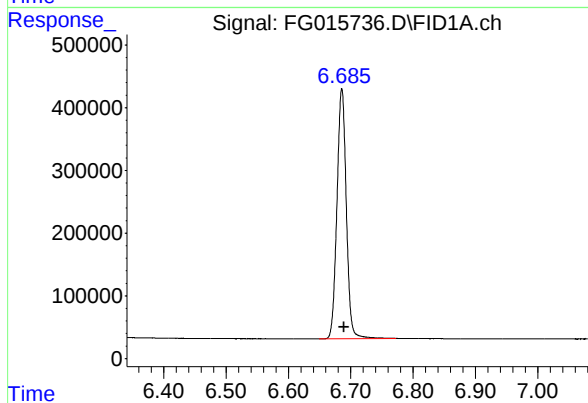
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: -0.002 min
Response: 3958481
Conc: 35.30 ug/ml



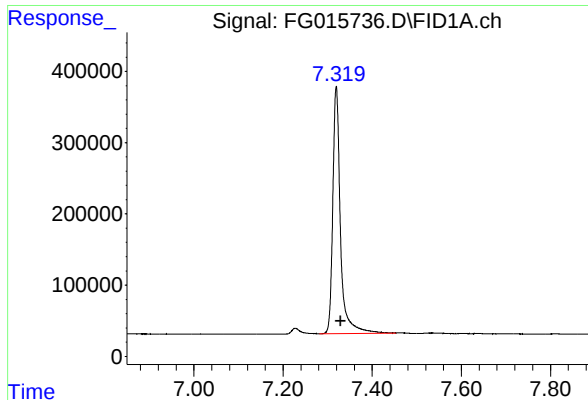
#3 A~Naphthalene (C11.7)

R.T.: 6.218 min
Delta R.T.: -0.008 min
Response: 4534803
Conc: 39.09 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.686 min
Delta R.T.: -0.003 min
Response: 4162418
Conc: 36.41 ug/ml



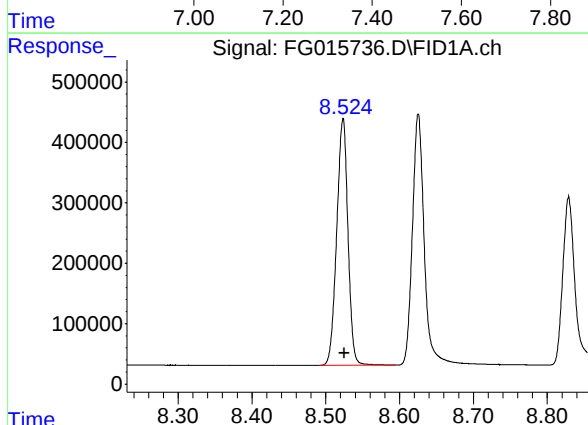
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.319 min
Delta R.T.: -0.009 min
Response: 4138117
Conc: 37.17 ug/ml

Instrument :
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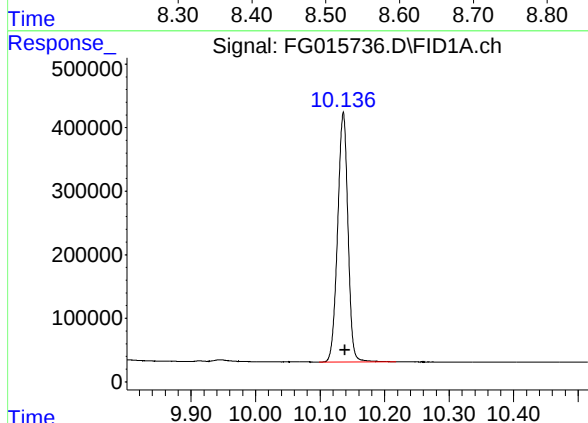
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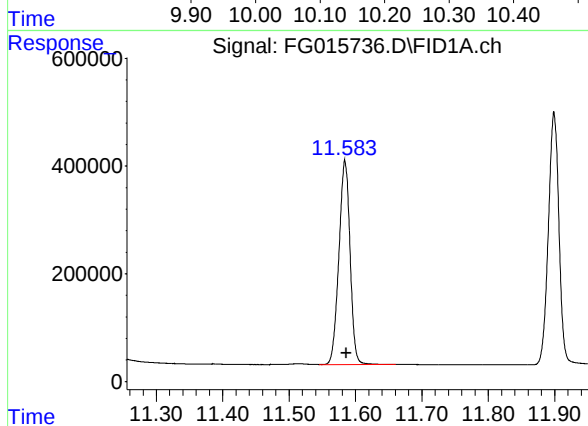
#6 n-Tetradecane (C14)

R.T.: 8.523 min
Delta R.T.: -0.002 min
Response: 4310940
Conc: 37.83 ug/ml



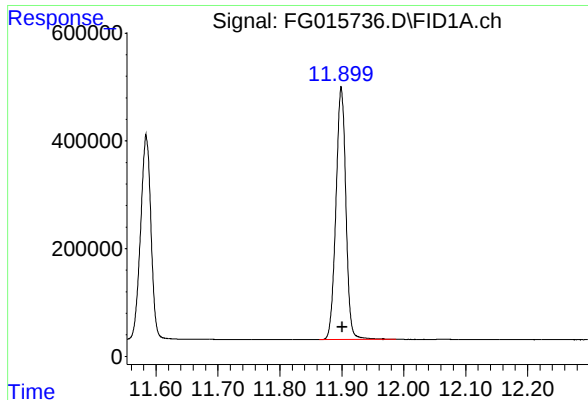
#7 n-Hexadecane (C16)

R.T.: 10.136 min
Delta R.T.: -0.002 min
Response: 4352115
Conc: 37.22 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.584 min
Delta R.T.: -0.002 min
Response: 4423303
Conc: 36.98 ug/ml



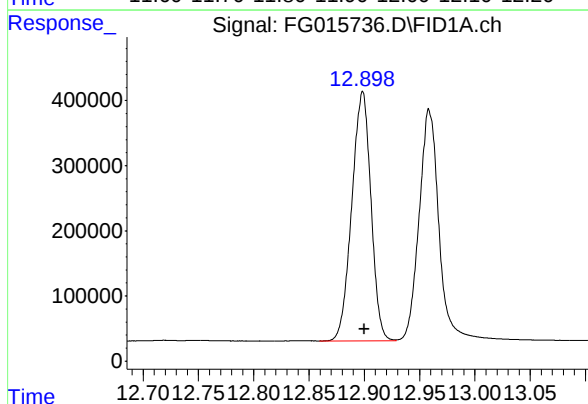
#9 ortho-Terphenyl (SURR)

R.T.: 11.899 min
Delta R.T.: -0.002 min
Response: 5230164
Conc: 36.08 ug/ml

Instrument :
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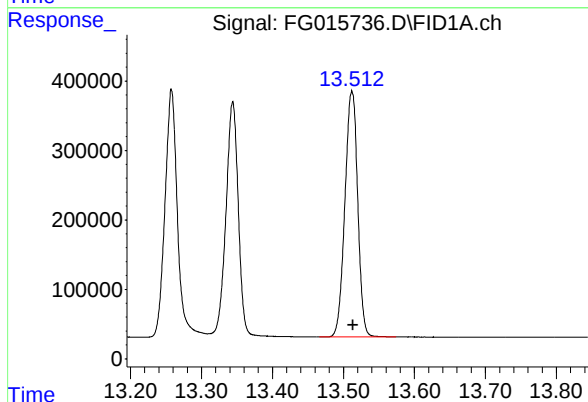
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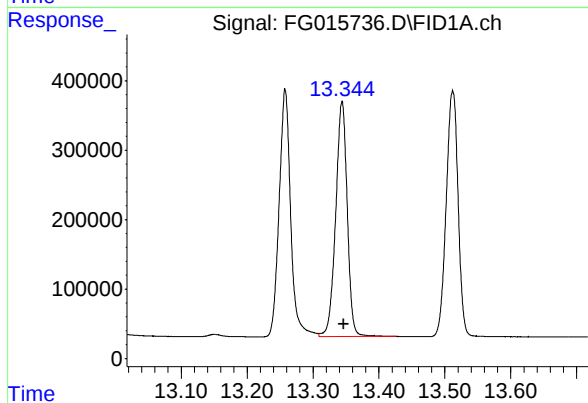
#10 n-Eicosane (C20)

R.T.: 12.899 min
Delta R.T.: -0.001 min
Response: 4610527
Conc: 38.75 ug/ml



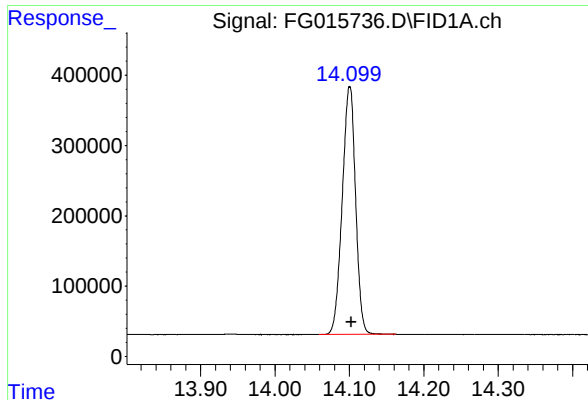
#11 n-Heneicosane (C21)

R.T.: 13.512 min
Delta R.T.: -0.002 min
Response: 4422093
Conc: 37.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.344 min
Delta R.T.: -0.003 min
Response: 4125892
Conc: 39.02 ug/ml



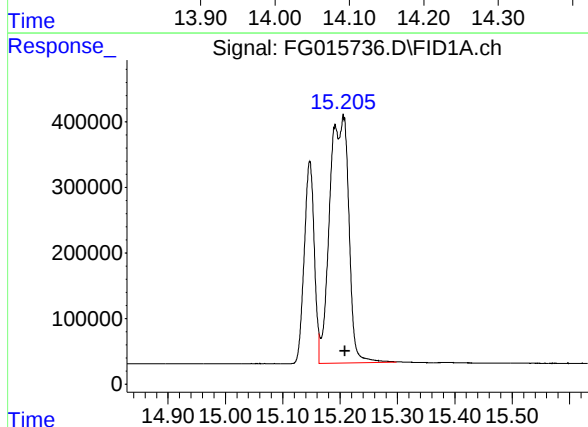
#13 n-Docosane (C22)

R.T.: 14.101 min
Delta R.T.: -0.002 min
Response: 4405019
Conc: 37.77 ug/ml

Instrument :
FID_G
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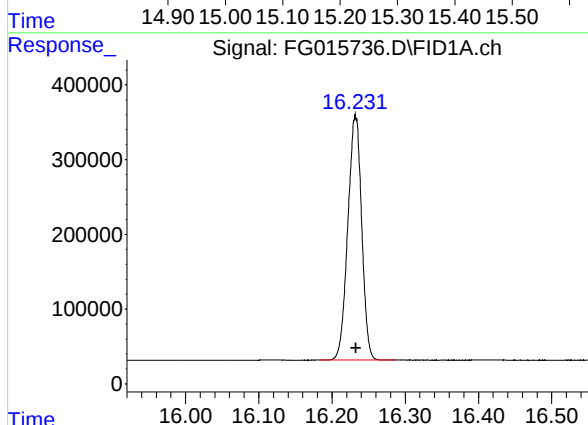
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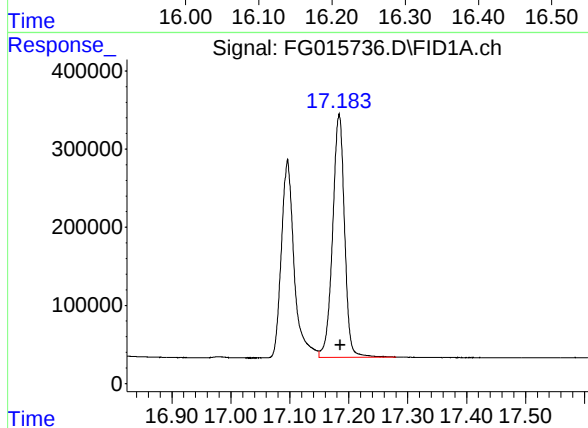
#14 n-Tetracosane (C24)

R.T.: 15.205 min
Delta R.T.: -0.004 min
Response: 8744718
Conc: 75.88 ug/ml m



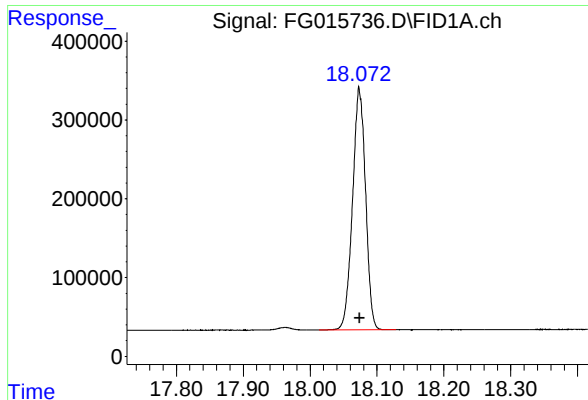
#15 n-Hexacosane (C26)

R.T.: 16.232 min
Delta R.T.: 0.000 min
Response: 4295013
Conc: 38.46 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.184 min
Delta R.T.: -0.002 min
Response: 4377689
Conc: 40.22 ug/ml



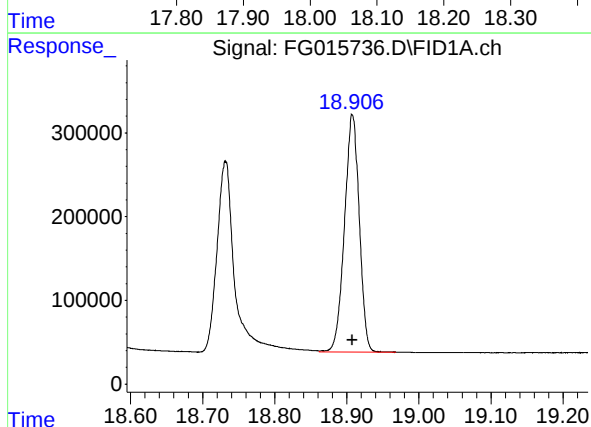
#17 n-Tricontane (C30)

R.T.: 18.073 min
Delta R.T.: 0.000 min
Response: 4156591
Conc: 38.16 ug/ml

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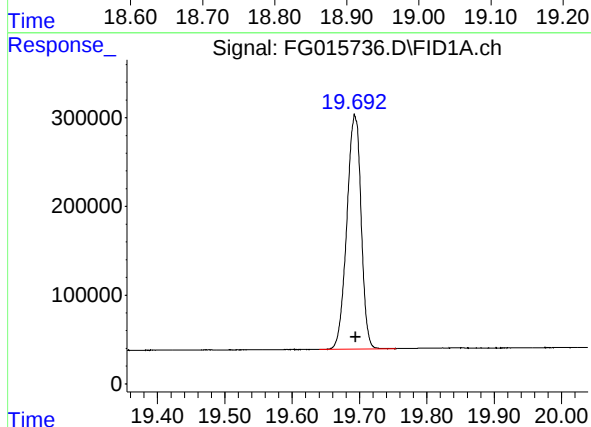
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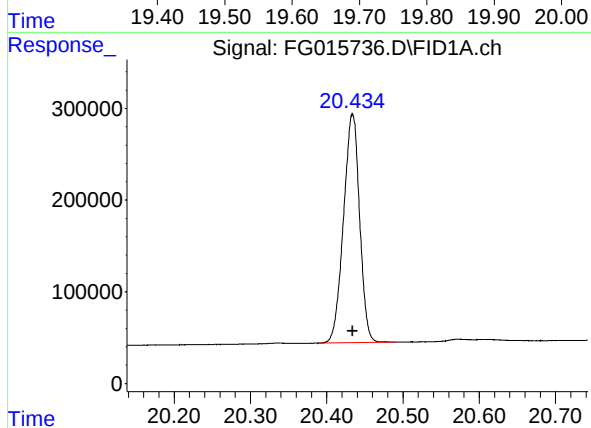
#18 n-Dotriacontane (C32)

R.T.: 18.908 min
Delta R.T.: 0.000 min
Response: 4054743
Conc: 37.69 ug/ml



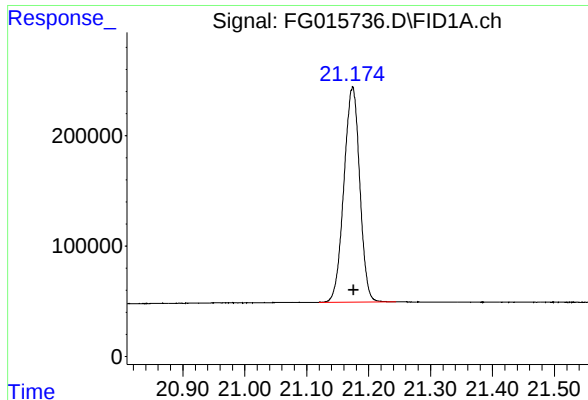
#19 n-Tetratriacontane (C34)

R.T.: 19.693 min
Delta R.T.: 0.000 min
Response: 3891149
Conc: 38.19 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.434 min
Delta R.T.: 0.000 min
Response: 3657836
Conc: 37.39 ug/ml



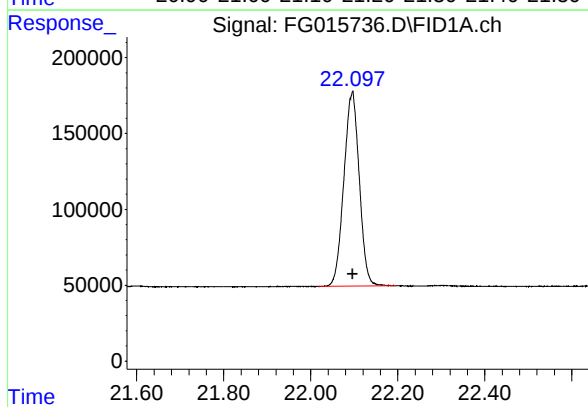
#21 n-Octatriacontane (C38)

R.T.: 21.174 min
Delta R.T.: -0.002 min
Response: 3464692
Conc: 37.96 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.096 min
Delta R.T.: 0.000 min
Response: 3148209
Conc: 37.28 ug/ml