

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
 Data File : FG015695.D
 Signal(s) : FID1A.ch
 Acq On : 17 Apr 2025 18:23
 Operator : YP\AJ
 Sample : Q1818-03MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

RT-3873MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/18/2025

Supervised By :mohammad ahmed 04/21/2025

Integration File: autoint1.e

Quant Time: Apr 18 01:26:48 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)	11.904	5008038	34.544 ug/ml
Spiked Amount 50.000		Recovery =	69.09%
12) S 1-chlorooctadecane (S...	13.347	4209745	39.808 ug/ml
Spiked Amount 50.000		Recovery =	79.62%
Target Compounds			
1) T n-Nonane (C9)	3.249	2499268	22.365 ug/ml
2) T n-Decane (C10)	4.509	2858579	25.492 ug/ml
3) T A~Naphthalene (C11.7)	6.221	3465353	29.869 ug/ml
4) T n-Dodecane (C12)	6.689	3321773	29.053 ug/ml
5) T A~2-methylnaphthalene...	7.322	3436717	30.871 ug/ml
6) T n-Tetradecane (C14)	8.526	3668365	32.191 ug/ml
7) T n-Hexadecane (C16)	10.139	3913395	33.468 ug/ml
8) T n-Octadecane (C18)	11.588	4026558	33.662 ug/ml
10) T n-Eicosane (C20)	12.902	4259450	35.795 ug/ml
11) T n-Heneicosane (C21)	13.515	4124202	34.868 ug/ml
13) T n-Docosane (C22)	14.104	4083642	35.018 ug/ml
14) T n-Tetracosane (C24)	15.194	7954067	69.017 ug/mlm
15) T n-Hexacosane (C26)	16.235	3924857	35.146 ug/ml
16) T n-Octacosane (C28)	17.186	4014215	36.885 ug/ml
17) T n-Tricontane (C30)	18.077	3801516	34.901 ug/ml
18) T n-Dotriacontane (C32)	18.910	3687221	34.273 ug/ml
19) T n-Tetratriacontane (C34)	19.693	3336967	32.750 ug/ml
20) T n-Hexatriacontane (C36)	20.435	2941521	30.071 ug/ml
21) T n-Octatriacontane (C38)	21.176	2693734	29.512 ug/ml
22) T n-Tetracontane (C40)	22.097	2501617	29.621 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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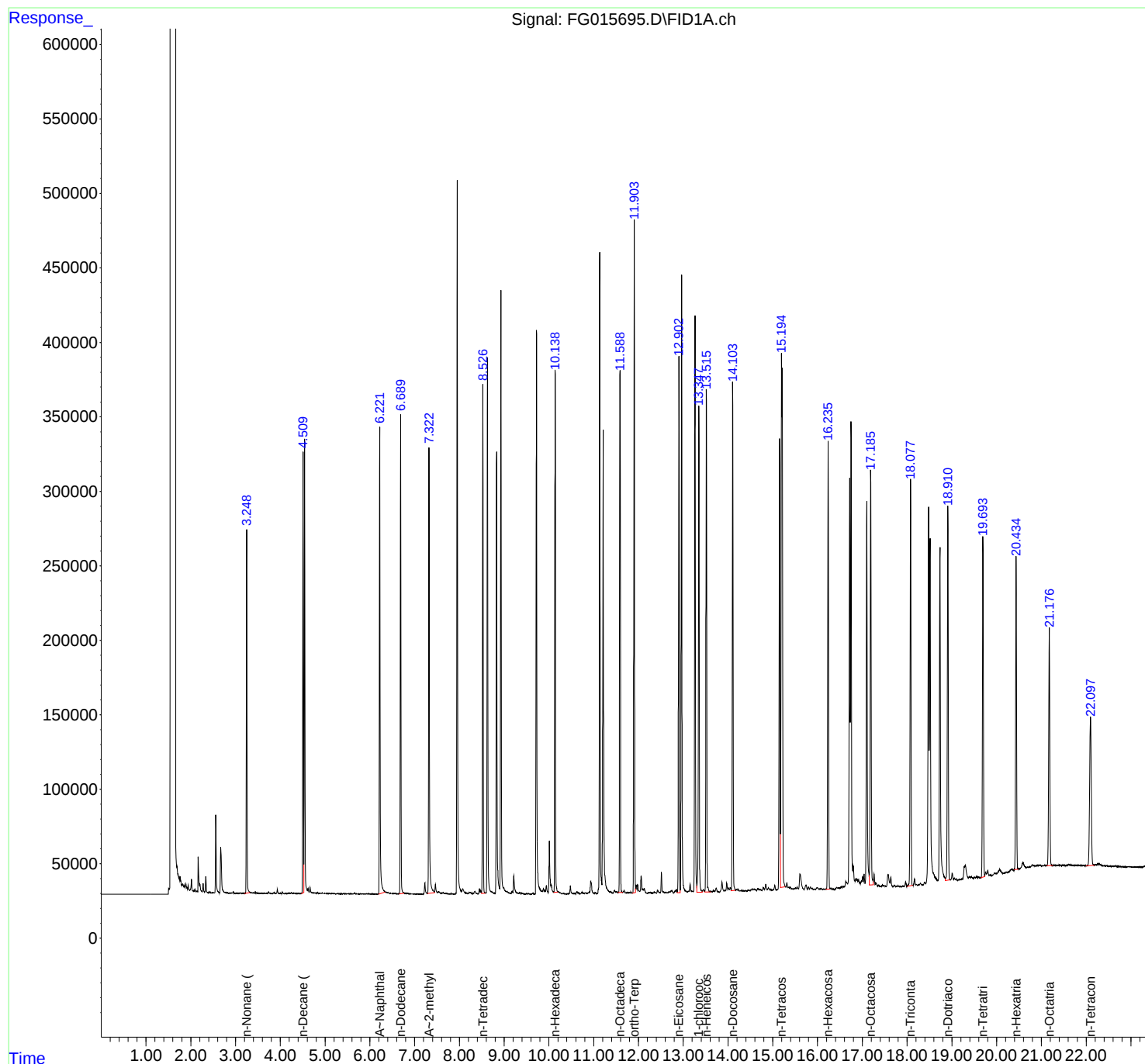
Response via : Initial Calibration

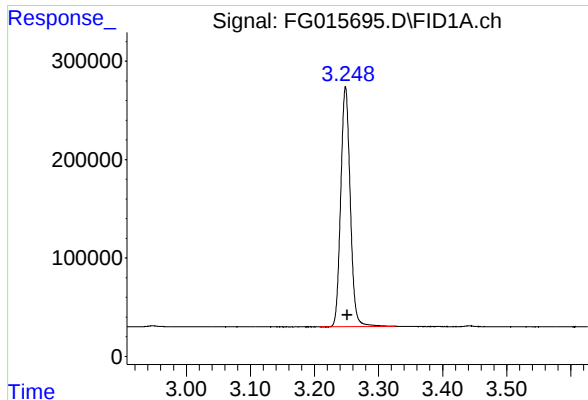
Integrator: ChemStation

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: 2499268
Conc: 22.36 ug/ml

Instrument :

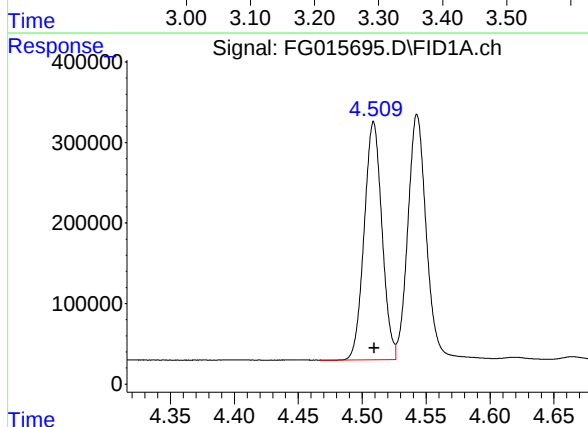
FID_G

ClientSampleId :

RT-3873MSD

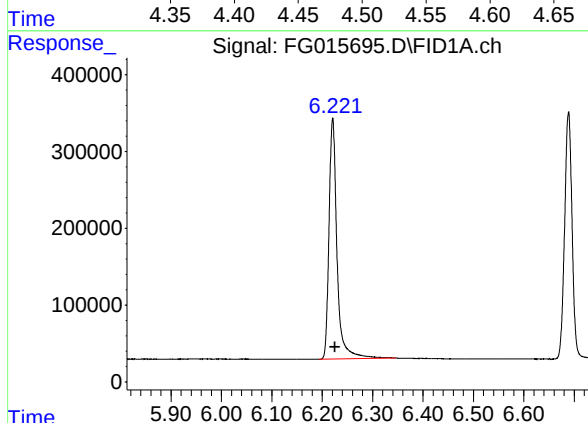
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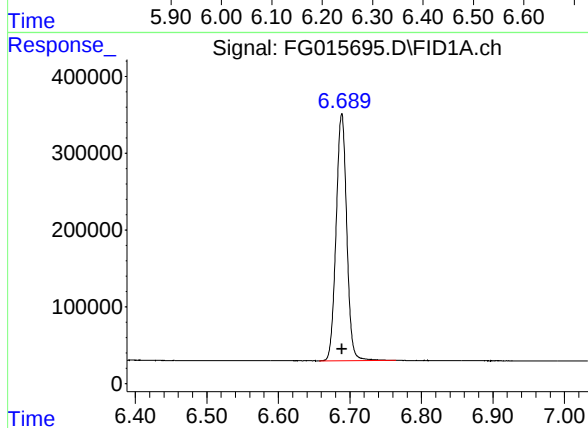
#2 n-Decane (C10)

R.T.: 4.509 min
Delta R.T.: 0.000 min
Response: 2858579
Conc: 25.49 ug/ml



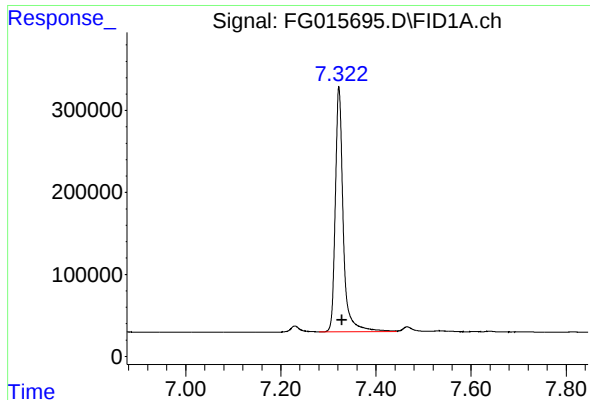
#3 A~Naphthalene (C11.7)

R.T.: 6.221 min
Delta R.T.: -0.005 min
Response: 3465353
Conc: 29.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 3321773
Conc: 29.05 ug/ml



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

R.T.: 7.322 min
Delta R.T.: -0.006 min
Response: 3436717
Conc: 30.87 ug/ml

Instrument :

FID_G

ClientSampleId :

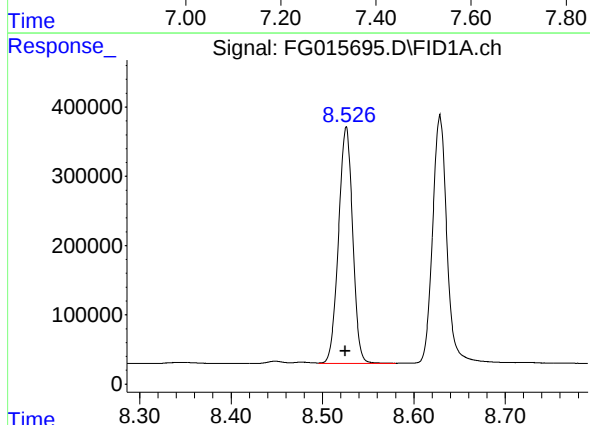
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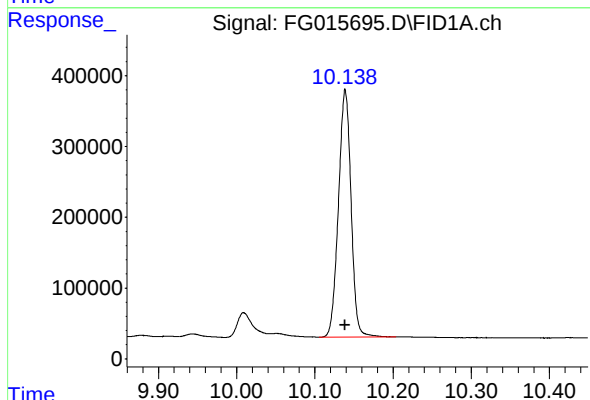
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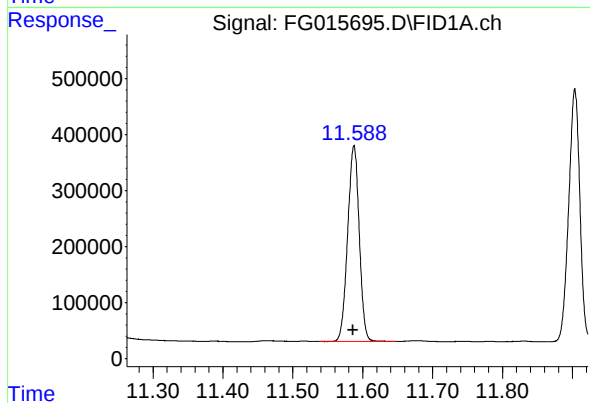
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: 0.000 min
Response: 3668365
Conc: 32.19 ug/ml



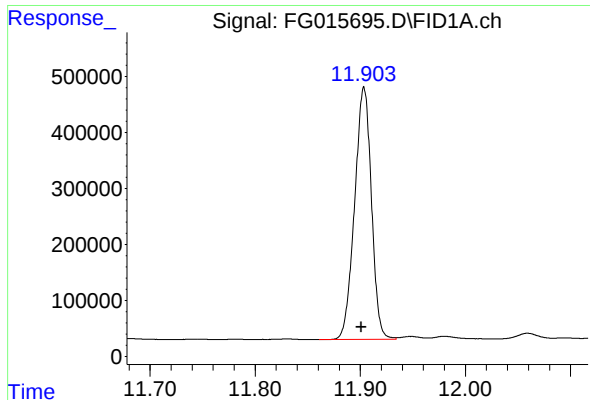
#7 n-Hexadecane (C16)

R.T.: 10.139 min
Delta R.T.: 0.000 min
Response: 3913395
Conc: 33.47 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.588 min
Delta R.T.: 0.001 min
Response: 4026558
Conc: 33.66 ug/ml



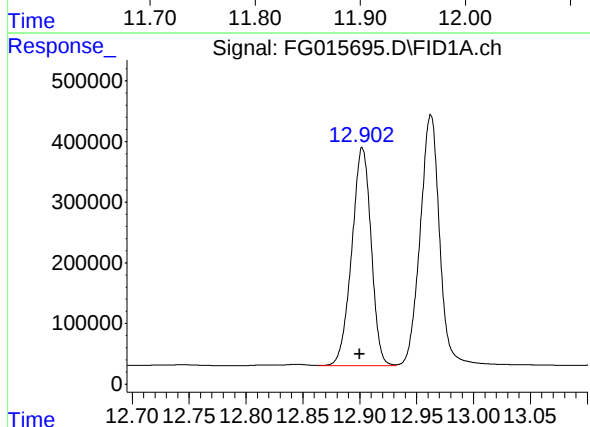
#9 ortho-Terphenyl (SURR)

R.T.: 11.904 min
Delta R.T.: 0.003 min
Response: 5008038
Conc: 34.54 ug/ml

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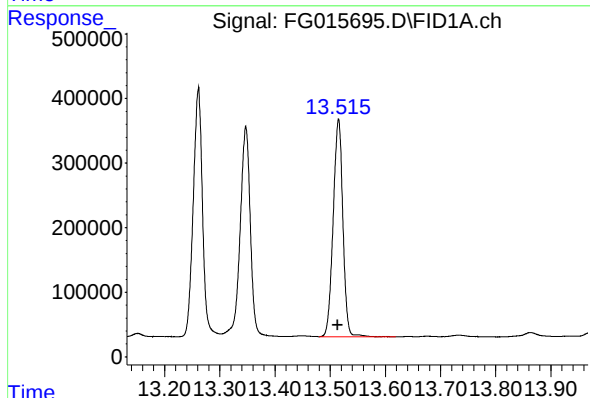
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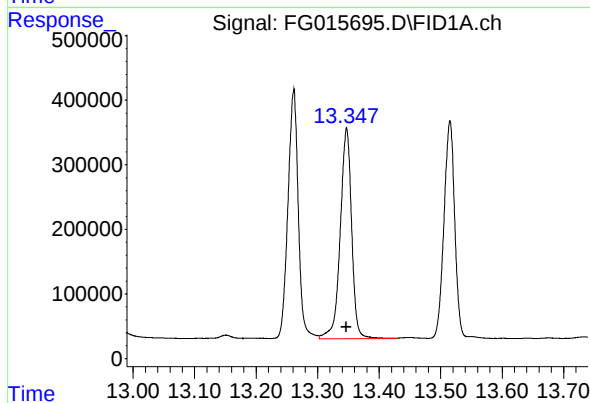
#10 n-Eicosane (C20)

R.T.: 12.902 min
Delta R.T.: 0.003 min
Response: 4259450
Conc: 35.79 ug/ml



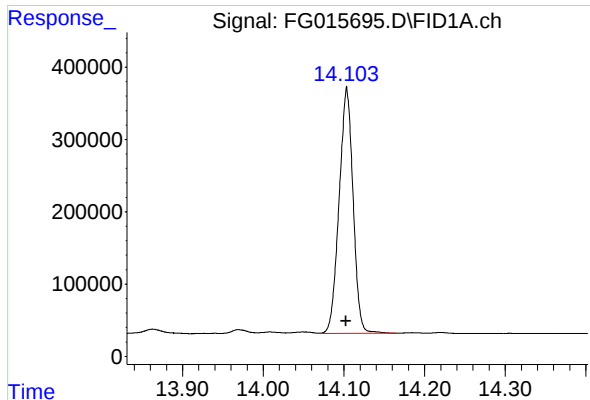
#11 n-Heneicosane (C21)

R.T.: 13.515 min
Delta R.T.: 0.002 min
Response: 4124202
Conc: 34.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.347 min
Delta R.T.: 0.000 min
Response: 4209745
Conc: 39.81 ug/ml



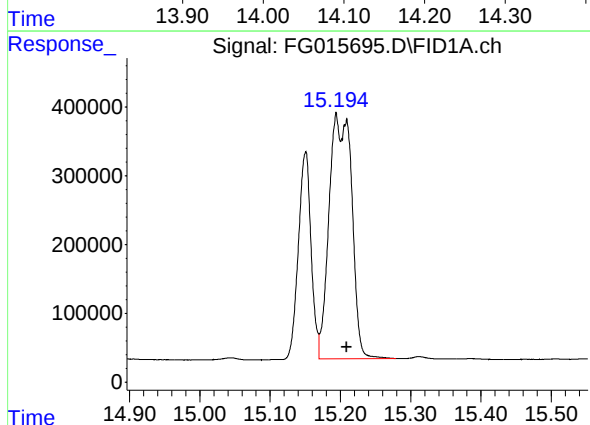
#13 n-Docosane (C22)

R.T.: 14.104 min
Delta R.T.: 0.001 min
Response: 4083642
Conc: 35.02 ug/ml

Instrument :
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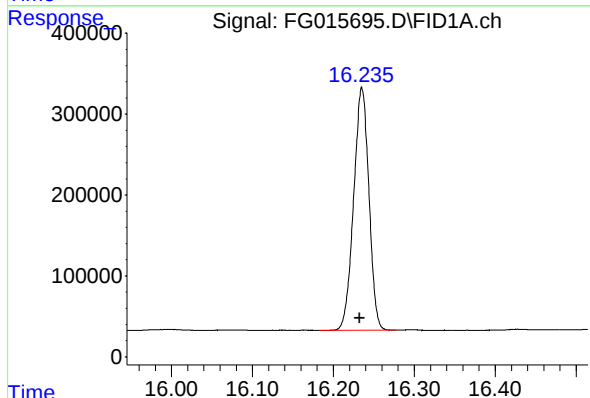
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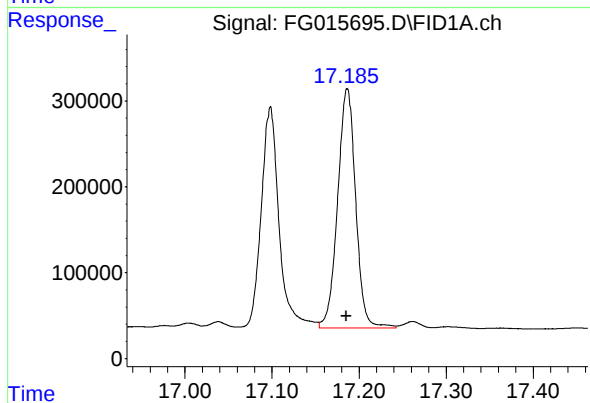
#14 n-Tetracosane (C24)

R.T.: 15.194 min
Delta R.T.: -0.015 min
Response: 7954067
Conc: 69.02 ug/ml m



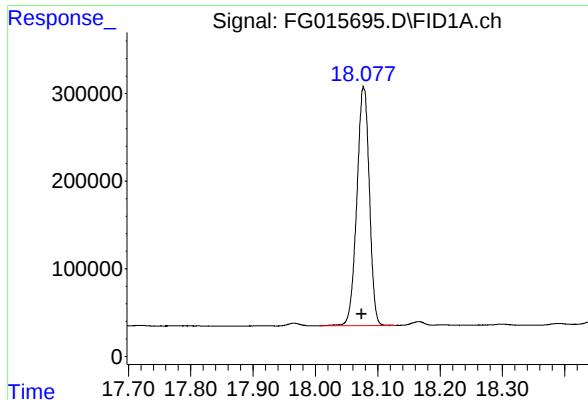
#15 n-Hexacosane (C26)

R.T.: 16.235 min
Delta R.T.: 0.003 min
Response: 3924857
Conc: 35.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.186 min
Delta R.T.: 0.001 min
Response: 4014215
Conc: 36.88 ug/ml



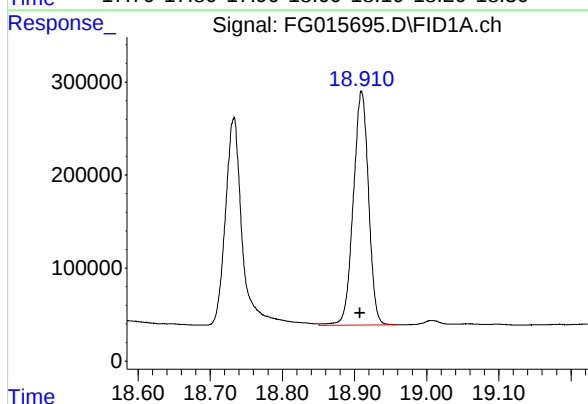
#17 n-Tricontane (C30)

R.T.: 18.077 min
Delta R.T.: 0.003 min
Response: 3801516
Conc: 34.90 ug/ml

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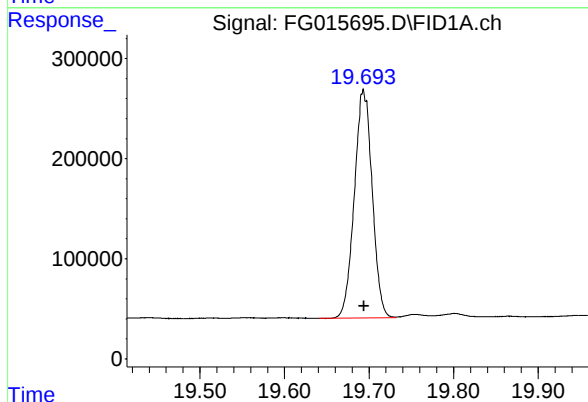
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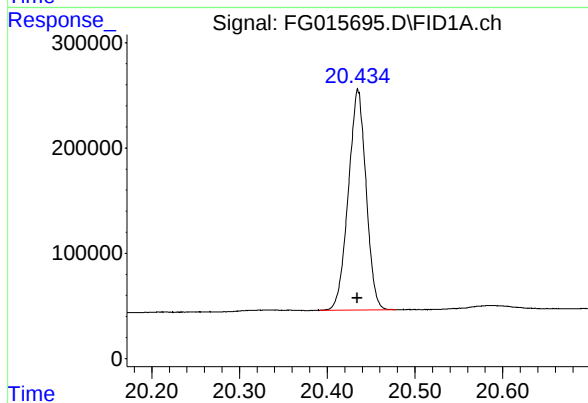
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: 0.002 min
Response: 3687221
Conc: 34.27 ug/ml



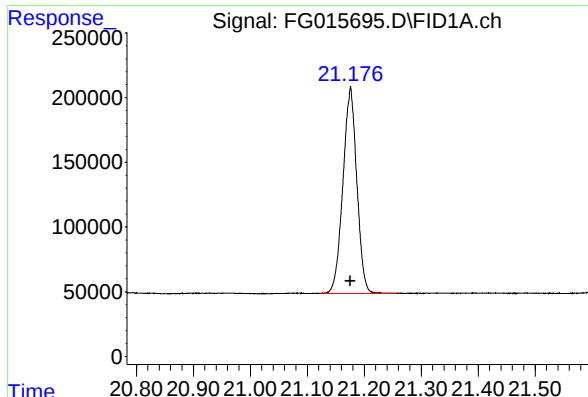
#19 n-Tetratriacontane (C34)

R.T.: 19.693 min
Delta R.T.: 0.000 min
Response: 3336967
Conc: 32.75 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.435 min
Delta R.T.: 0.000 min
Response: 2941521
Conc: 30.07 ug/ml



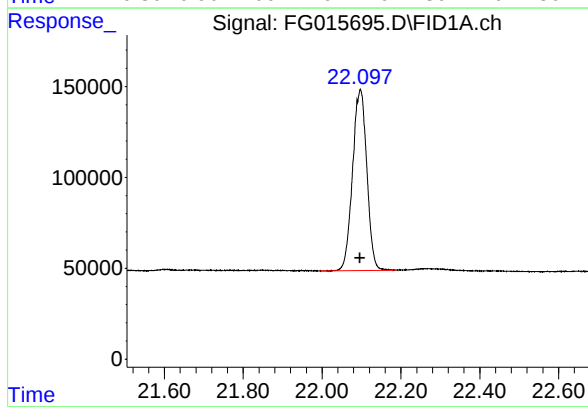
#21 n-Octatriacontane (C38)

R.T.: 21.176 min
Delta R.T.: 0.000 min
Response: 2693734
Conc: 29.51 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.097 min
Delta R.T.: 0.000 min
Response: 2501617
Conc: 29.62 ug/ml