

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042225AL\
 Data File : FG015739.D
 Signal(s) : FID1A.ch
 Acq On : 22 Apr 2025 16:15
 Operator : YP\AJ
 Sample : Q1848-03MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

ETGI-275MS

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 02:43:39 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)	11.900	3382078	23.329 ug/ml
Spiked Amount 50.000		Recovery =	46.66%
12) S 1-chlorooctadecane (S...	13.346	3382551	31.986 ug/ml
Spiked Amount 50.000		Recovery =	63.97%
Target Compounds			
1) T n-Nonane (C9)	3.243	2549580	22.815 ug/ml
2) T n-Decane (C10)	4.505	2784116	24.828 ug/ml
3) T A~Naphthalene (C11.7)	6.218	3288329	28.343 ug/ml
4) T n-Dodecane (C12)	6.686	3038575	26.576 ug/ml
5) T A~2-methylnaphthalene...	7.320	3128049	28.098 ug/ml
6) T n-Tetradecane (C14)	8.523	3340928	29.318 ug/ml
7) T n-Hexadecane (C16)	10.135	3609805	30.872 ug/ml
8) T n-Octadecane (C18)	11.585	3716787	31.072 ug/ml
10) T n-Eicosane (C20)	12.901	4138906	34.782 ug/ml
11) T n-Heneicosane (C21)	13.515	4167389	35.233 ug/ml
13) T n-Docosane (C22)	14.103	4552200	39.036 ug/ml
14) T n-Tetracosane (C24)	15.201	10577481	91.780 ug/ml
15) T n-Hexacosane (C26)	16.238	4160565	37.257 ug/ml
16) T n-Octacosane (C28)	17.189	3990897	36.671 ug/ml
17) T n-Tricontane (C30)	18.079	3797471	34.864 ug/ml
18) T n-Dotriacontane (C32)	18.912	3826483	35.568 ug/ml
19) T n-Tetratriacontane (C34)	19.697	3672026	36.039 ug/ml
20) T n-Hexatriacontane (C36)	20.439	3159879	32.303 ug/ml
21) T n-Octatriacontane (C38)	21.180	3126737	34.256 ug/ml
22) T n-Tetracontane (C40)	22.101	3083670	36.513 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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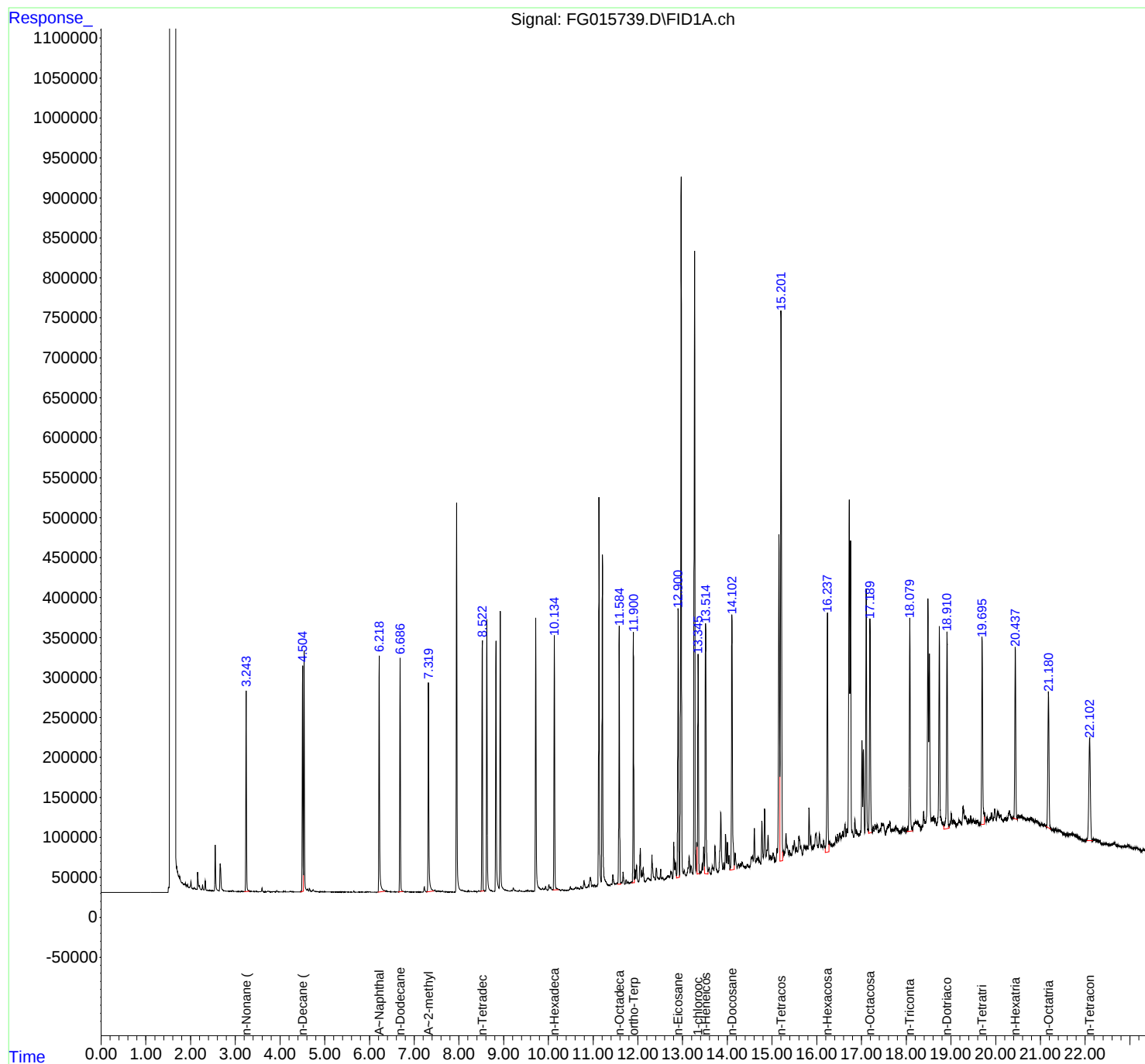
Response via : Initial Calibration

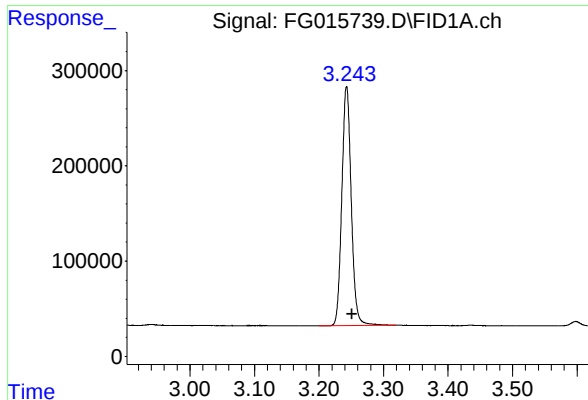
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





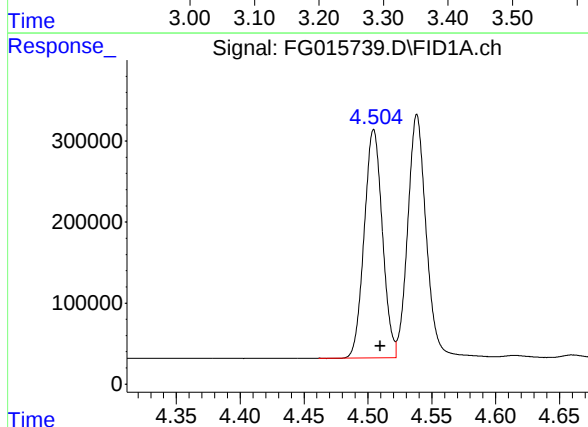
#1 n-Nonane (C9)

R.T.: 3.243 min
Delta R.T.: -0.008 min
Response: 2549580
Conc: 22.81 ug/ml

Instrument :
FID_G
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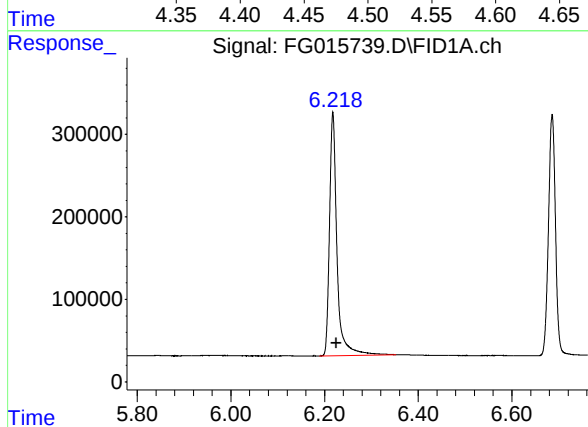
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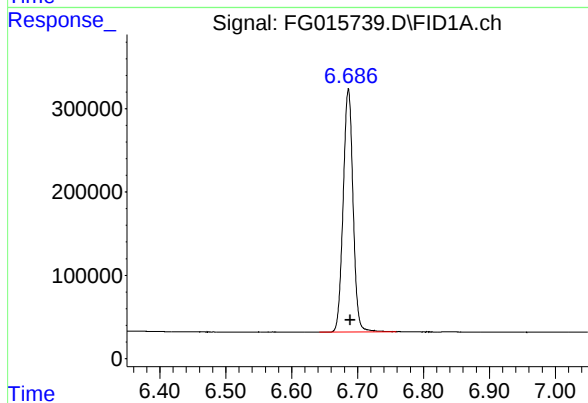
#2 n-Decane (C10)

R.T.: 4.505 min
Delta R.T.: -0.005 min
Response: 2784116
Conc: 24.83 ug/ml



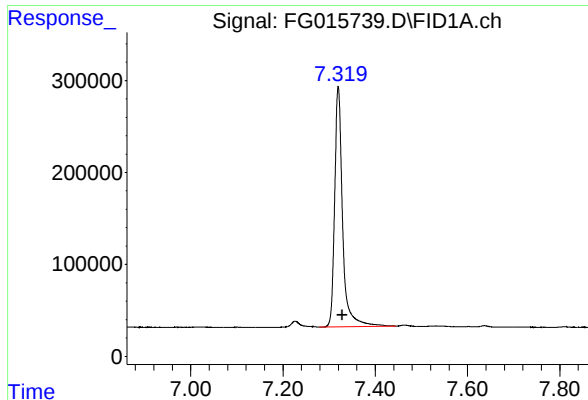
#3 A~Naphthalene (C11.7)

R.T.: 6.218 min
Delta R.T.: -0.008 min
Response: 3288329
Conc: 28.34 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.686 min
Delta R.T.: -0.003 min
Response: 3038575
Conc: 26.58 ug/ml



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

R.T.: 7.320 min
Delta R.T.: -0.009 min
Response: 3128049
Conc: 28.10 ug/ml

Instrument :

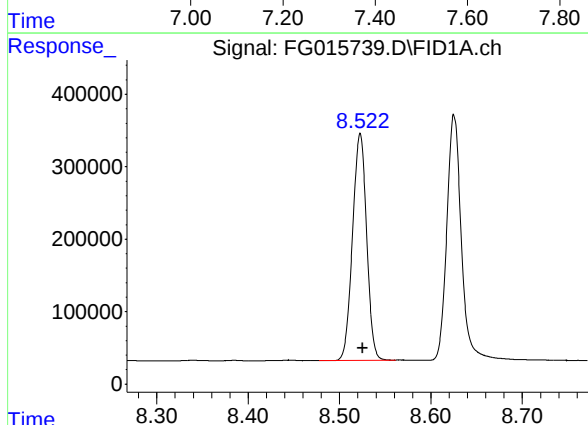
FID_G

ClientSampleId :

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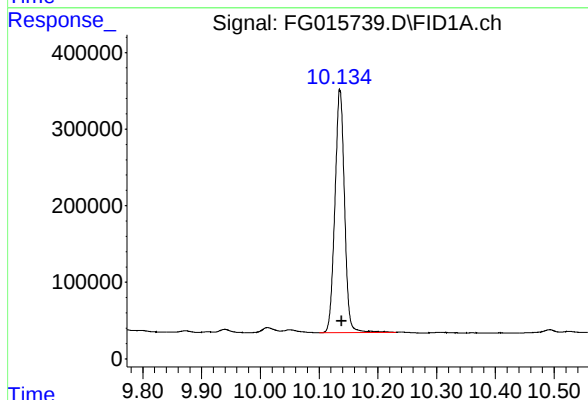
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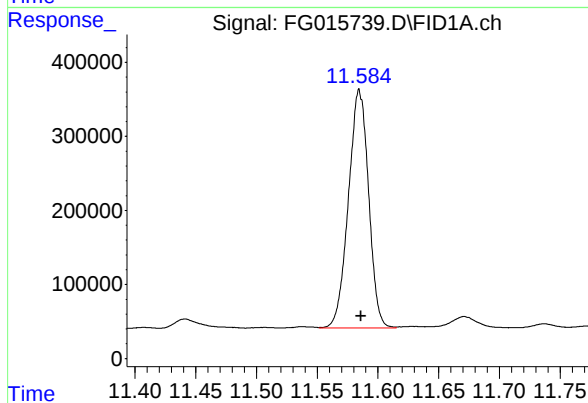
#6 n-Tetradecane (C14)

R.T.: 8.523 min
Delta R.T.: -0.002 min
Response: 3340928
Conc: 29.32 ug/ml



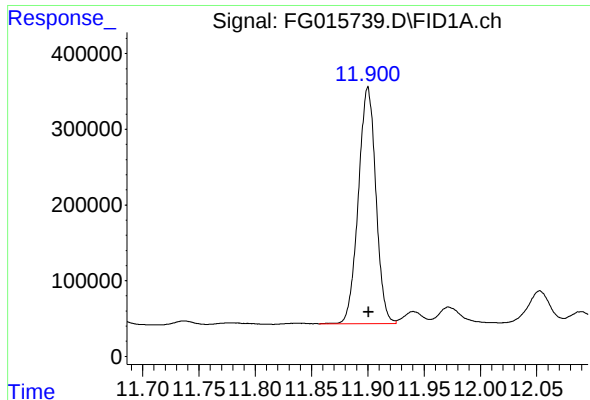
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: -0.003 min
Response: 3609805
Conc: 30.87 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.585 min
Delta R.T.: -0.002 min
Response: 3716787
Conc: 31.07 ug/ml



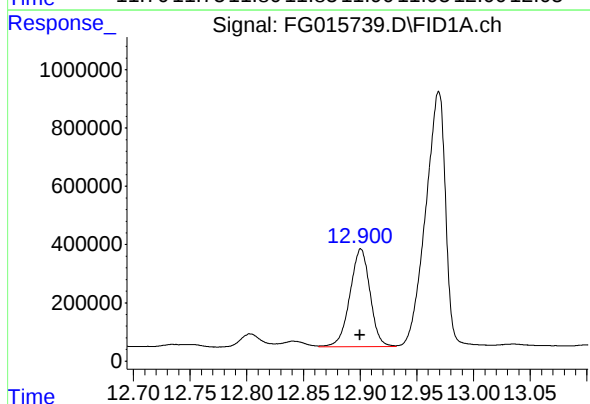
#9 ortho-Terphenyl (SURR)

R.T.: 11.900 min
Delta R.T.: 0.000 min
Response: 3382078
Conc: 23.33 ug/ml

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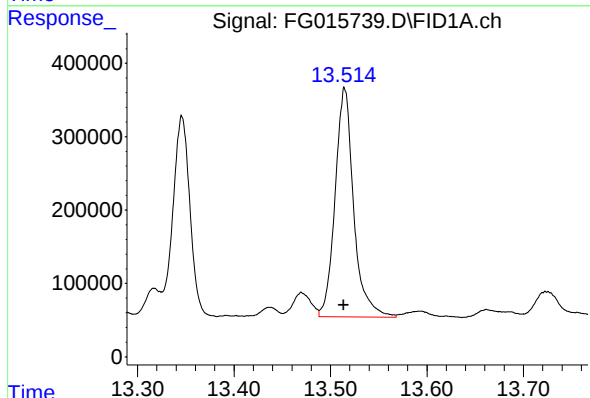
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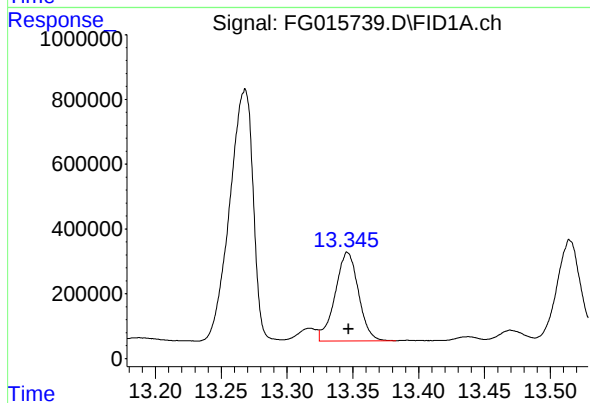
#10 n-Eicosane (C20)

R.T.: 12.901 min
Delta R.T.: 0.000 min
Response: 4138906
Conc: 34.78 ug/ml



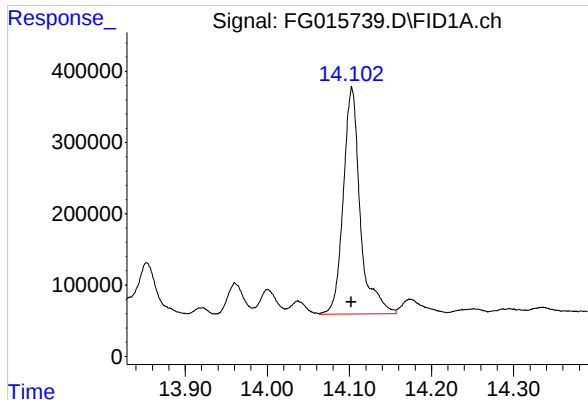
#11 n-Heneicosane (C21)

R.T.: 13.515 min
Delta R.T.: 0.001 min
Response: 4167389
Conc: 35.23 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.346 min
Delta R.T.: 0.000 min
Response: 3382551
Conc: 31.99 ug/ml



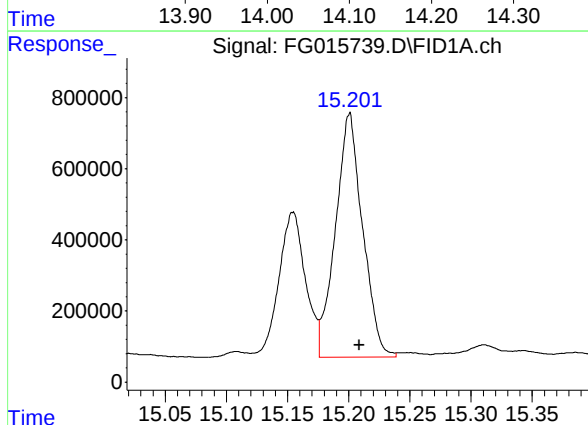
#13 n-Docosane (C22)

R.T.: 14.103 min
Delta R.T.: 0.000 min
Response: 4552200
Conc: 39.04 ug/ml

Instrument :
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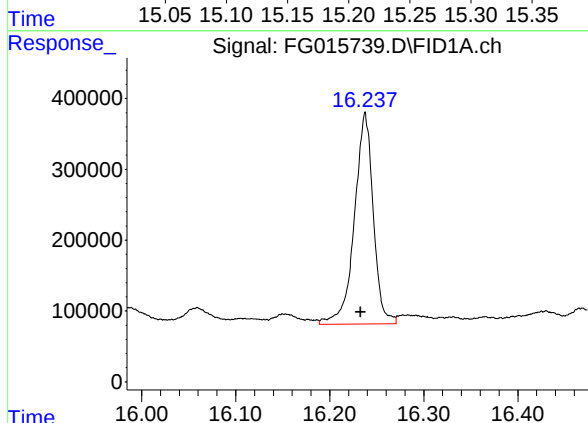
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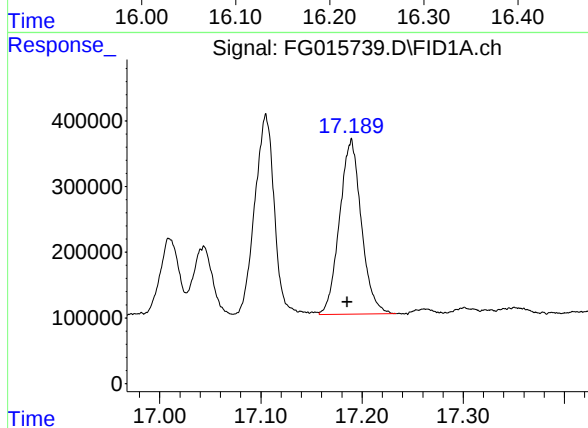
#14 n-Tetracosane (C24)

R.T.: 15.201 min
Delta R.T.: -0.008 min
Response: 10577481
Conc: 91.78 ug/ml



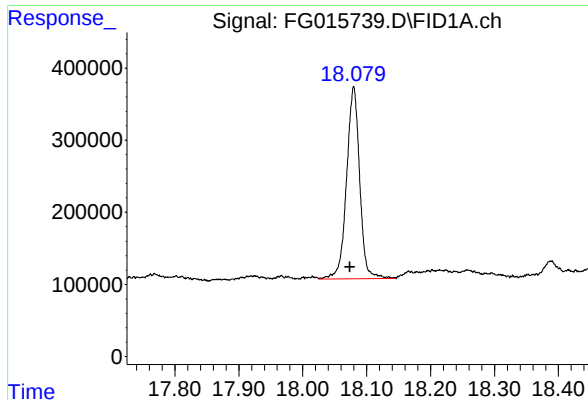
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: 0.005 min
Response: 4160565
Conc: 37.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.189 min
Delta R.T.: 0.004 min
Response: 3990897
Conc: 36.67 ug/ml m



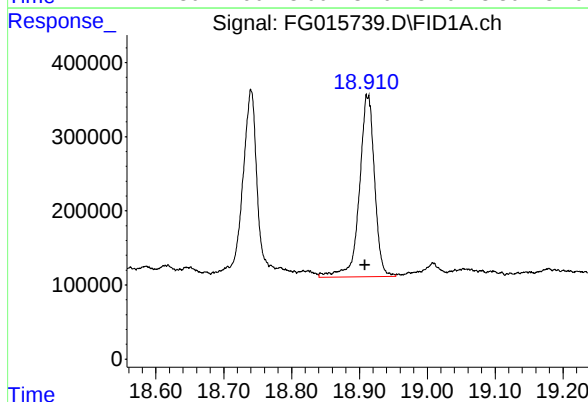
#17 n-Tricontane (C30)

R.T.: 18.079 min
Delta R.T.: 0.005 min
Response: 3797471
Conc: 34.86 ug/ml

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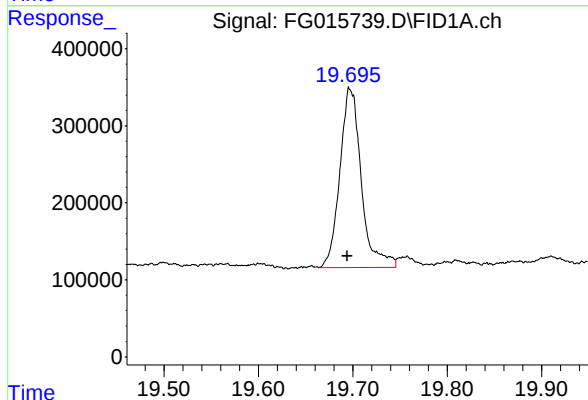
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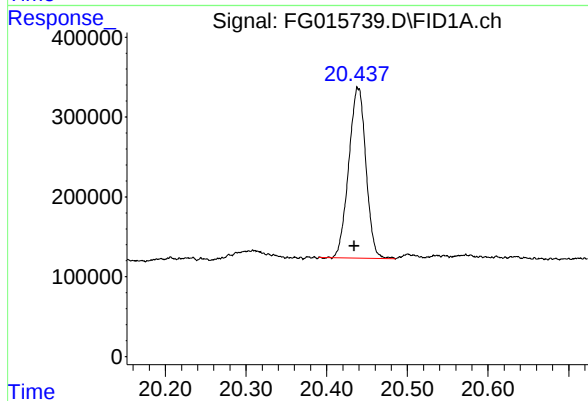
#18 n-Dotriacontane (C32)

R.T.: 18.912 min
Delta R.T.: 0.004 min
Response: 3826483
Conc: 35.57 ug/ml



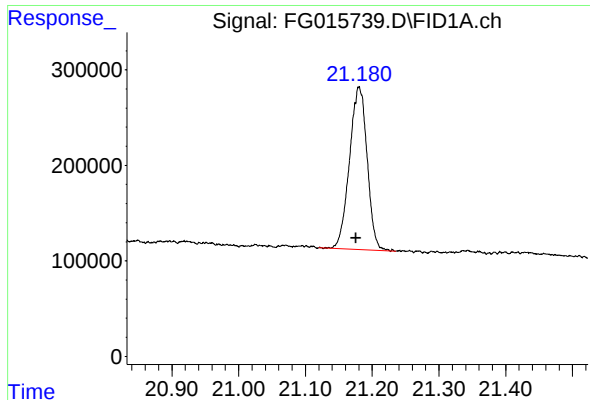
#19 n-Tetratriacontane (C34)

R.T.: 19.697 min
Delta R.T.: 0.003 min
Response: 3672026
Conc: 36.04 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.439 min
Delta R.T.: 0.005 min
Response: 3159879
Conc: 32.30 ug/ml



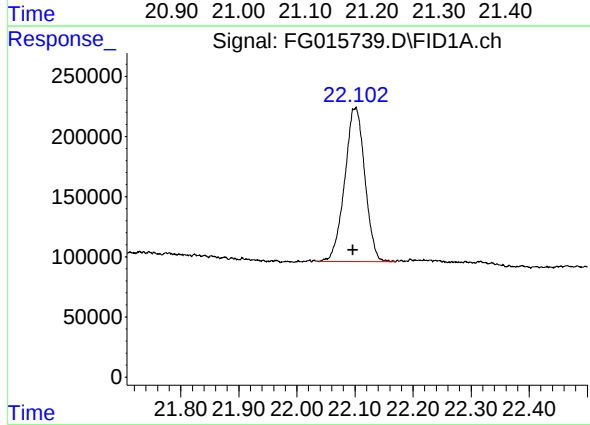
#21 n-Octatriacontane (C38)

R.T.: 21.180 min
Delta R.T.: 0.005 min
Response: 3126737
Conc: 34.26 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.101 min
Delta R.T.: 0.005 min
Response: 3083670
Conc: 36.51 ug/ml