

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042225AL\
 Data File : FG015735.D
 Signal(s) : FID1A.ch
 Acq On : 22 Apr 2025 14:18
 Operator : YP\AJ
 Sample : PB167690BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

FID_G

ClientSampleId :

PB167690BS

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 02:42:08 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)	11.901	5947336	41.023 ug/ml
Spiked Amount 50.000		Recovery =	82.05%
12) S 1-chlorooctadecane (S...	13.344	4670863	44.169 ug/ml
Spiked Amount 50.000		Recovery =	88.34%
Target Compounds			
1) T n-Nonane (C9)	3.253	4384772	39.237 ug/ml
2) T n-Decane (C10)	4.509	4572683	40.778 ug/ml
3) T A~Naphthalene (C11.7)	6.218	5215413	44.953 ug/ml
4) T n-Dodecane (C12)	6.686	4799134	41.974 ug/ml
5) T A~2-methylnaphthalene...	7.319	4779810	42.935 ug/ml
6) T n-Tetradecane (C14)	8.523	4957541	43.504 ug/ml
7) T n-Hexadecane (C16)	10.136	4987500	42.654 ug/ml
8) T n-Octadecane (C18)	11.584	5050828	42.224 ug/ml
10) T n-Eicosane (C20)	12.898	5242678	44.058 ug/ml
11) T n-Heneicosane (C21)	13.512	5020601	42.446 ug/ml
13) T n-Docosane (C22)	14.100	4990954	42.798 ug/ml
14) T n-Tetracosane (C24)	15.206	9456441	82.053 ug/mlm
15) T n-Hexacosane (C26)	16.233	4816385	43.130 ug/ml
16) T n-Octacosane (C28)	17.184	4871281	44.760 ug/ml
17) T n-Tricontane (C30)	18.074	4606107	42.288 ug/ml
18) T n-Dotriacontane (C32)	18.907	4480997	41.652 ug/ml
19) T n-Tetratriacontane (C34)	19.693	4255446	41.765 ug/ml
20) T n-Hexatriacontane (C36)	20.433	3946799	40.347 ug/ml
21) T n-Octatriacontane (C38)	21.173	3662198	40.122 ug/ml
22) T n-Tetracontane (C40)	22.094	3228198	38.225 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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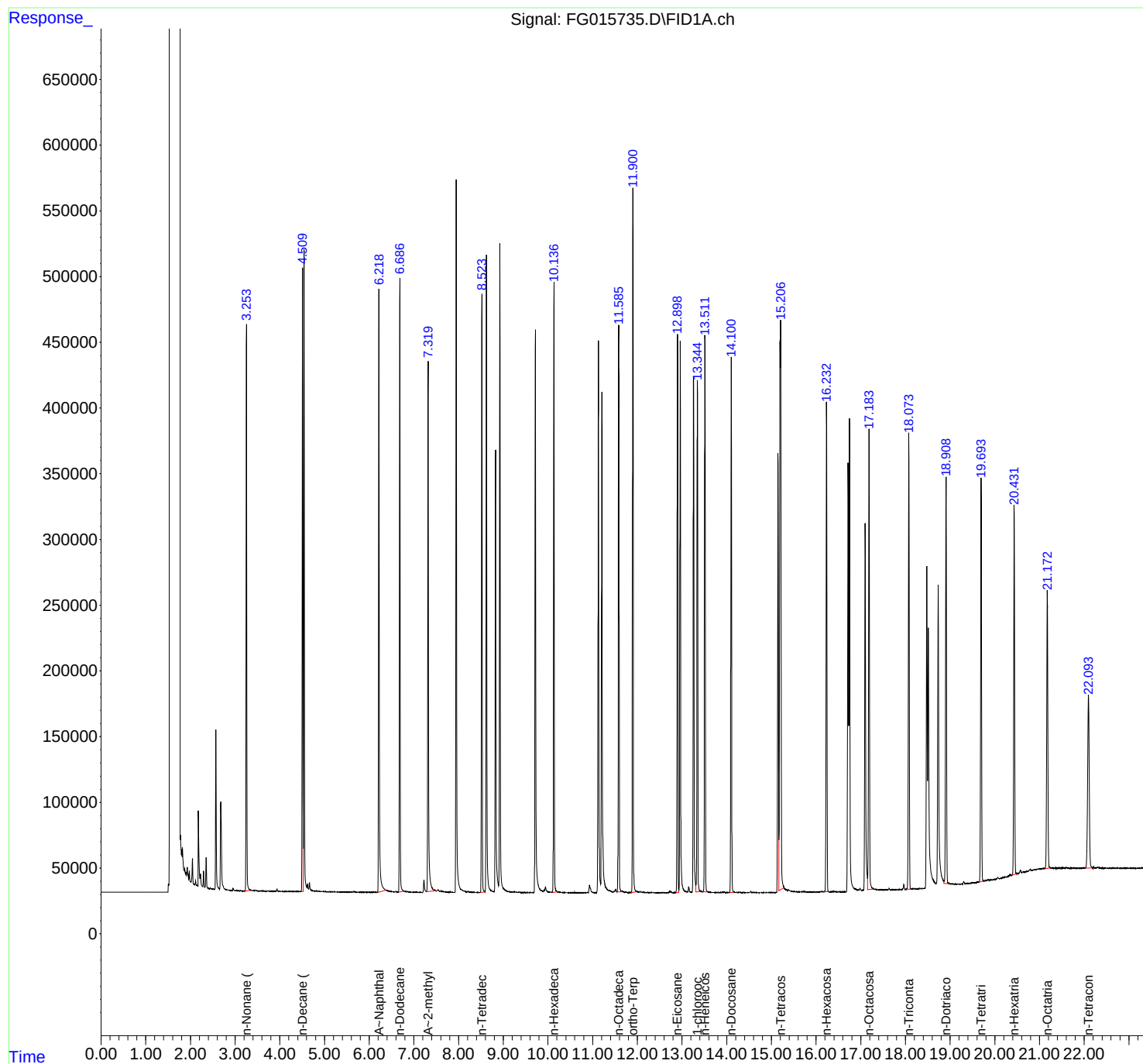
Response via : Initial Calibration

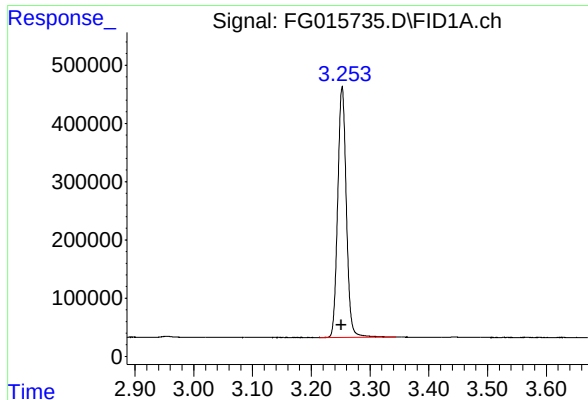
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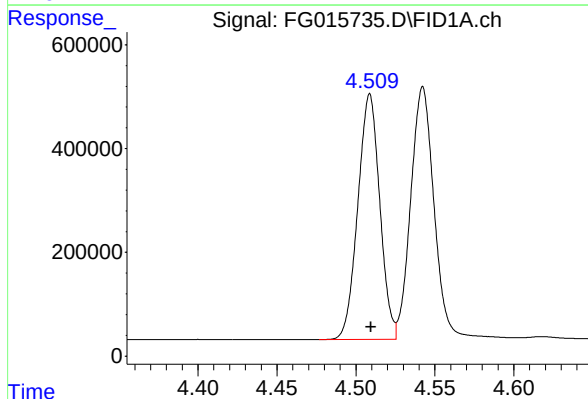
#1 n-Nonane (C9)

R.T.: 3.253 min
Delta R.T.: 0.002 min
Response: 4384772
Conc: 39.24 ug/ml

Instrument :
FID_G
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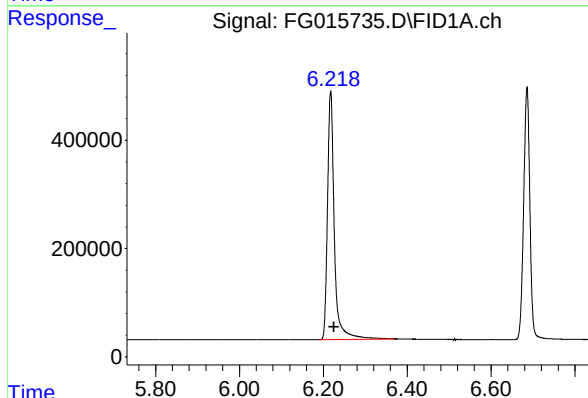
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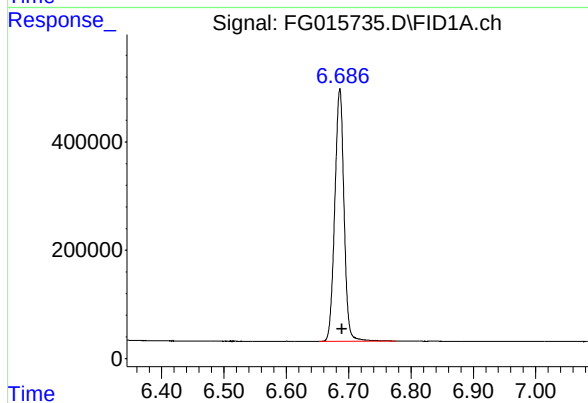
#2 n-Decane (C10)

R.T.: 4.509 min
Delta R.T.: 0.000 min
Response: 4572683
Conc: 40.78 ug/ml



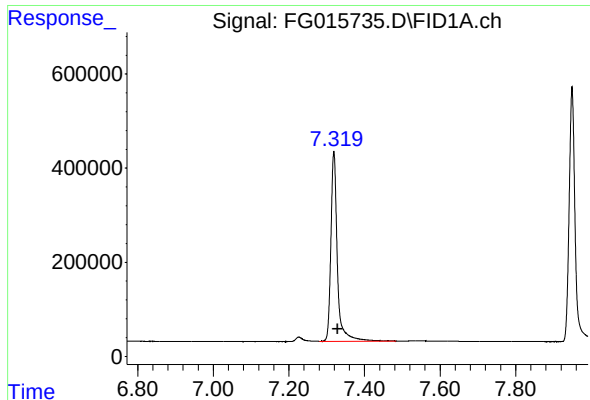
#3 A~Naphthalene (C11.7)

R.T.: 6.218 min
Delta R.T.: -0.008 min
Response: 5215413
Conc: 44.95 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.686 min
Delta R.T.: -0.003 min
Response: 4799134
Conc: 41.97 ug/ml



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

R.T.: 7.319 min
Delta R.T.: -0.010 min
Response: 4779810
Conc: 42.93 ug/ml

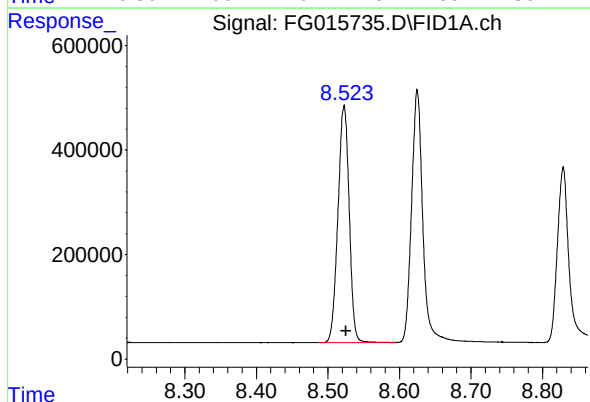
Instrument :

FID_G

ClientSampleId :
PB167690BS

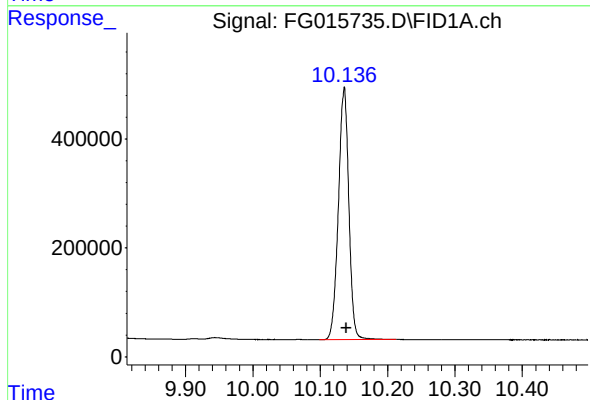
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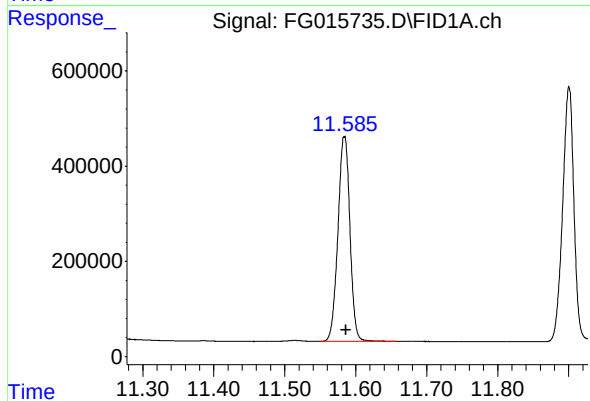
#6 n-Tetradecane (C14)

R.T.: 8.523 min
Delta R.T.: -0.003 min
Response: 4957541
Conc: 43.50 ug/ml



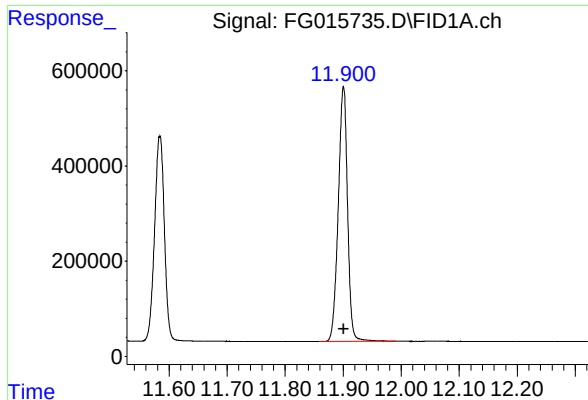
#7 n-Hexadecane (C16)

R.T.: 10.136 min
Delta R.T.: -0.003 min
Response: 4987500
Conc: 42.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.584 min
Delta R.T.: -0.002 min
Response: 5050828
Conc: 42.22 ug/ml



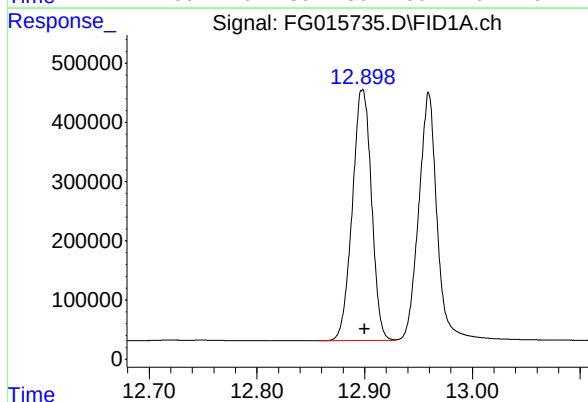
#9 ortho-Terphenyl (SURR)

R.T.: 11.901 min
Delta R.T.: 0.000 min
Response: 5947336
Conc: 41.02 ug/ml

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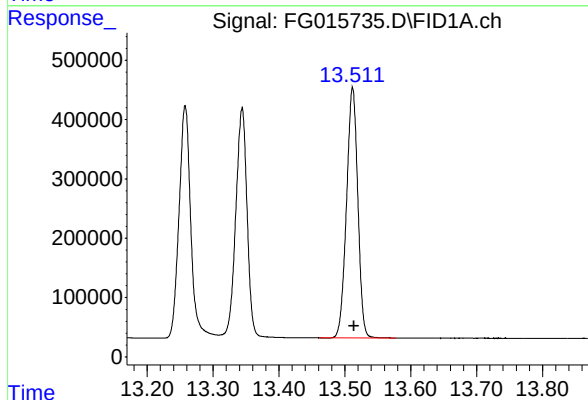
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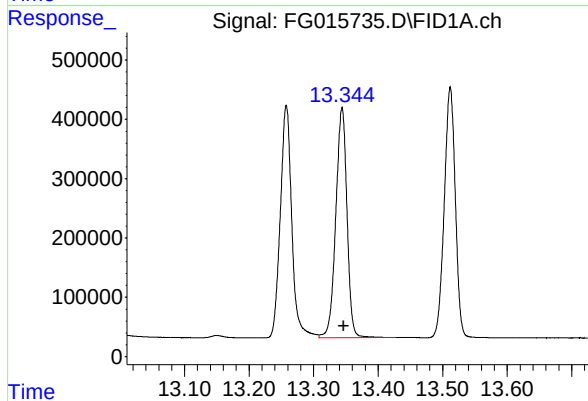
#10 n-Eicosane (C20)

R.T.: 12.898 min
Delta R.T.: -0.002 min
Response: 5242678
Conc: 44.06 ug/ml



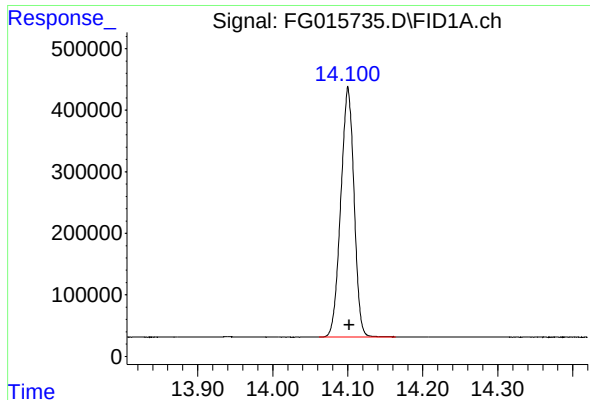
#11 n-Heneicosane (C21)

R.T.: 13.512 min
Delta R.T.: -0.002 min
Response: 5020601
Conc: 42.45 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.344 min
Delta R.T.: -0.002 min
Response: 4670863
Conc: 44.17 ug/ml



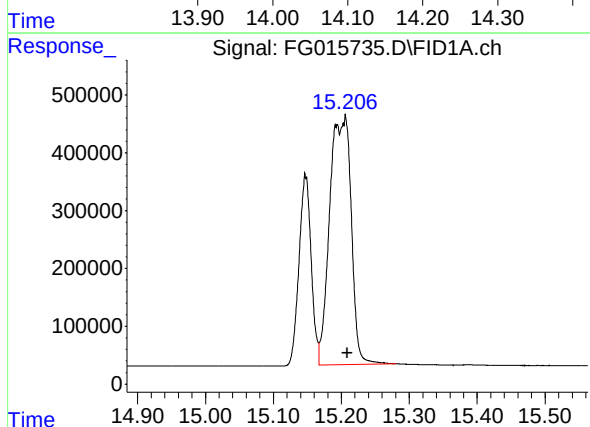
#13 n-Docosane (C22)

R.T.: 14.100 min
Delta R.T.: -0.002 min
Response: 4990954
Conc: 42.80 ug/ml

Instrument :
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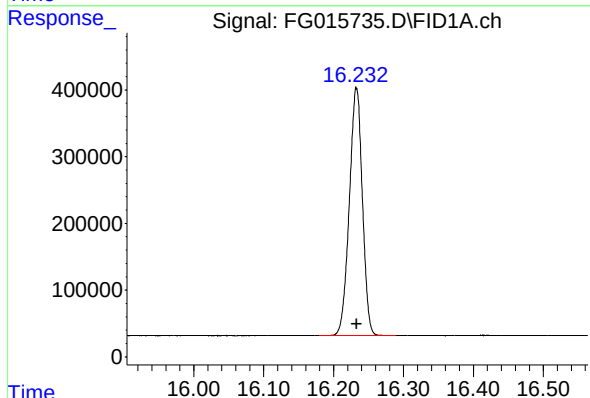
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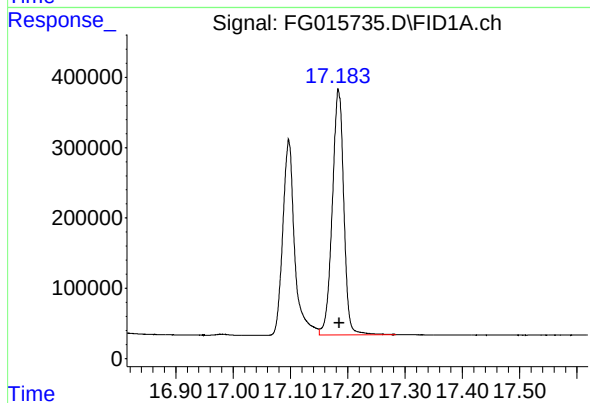
#14 n-Tetracosane (C24)

R.T.: 15.206 min
Delta R.T.: -0.003 min
Response: 9456441
Conc: 82.05 ug/ml



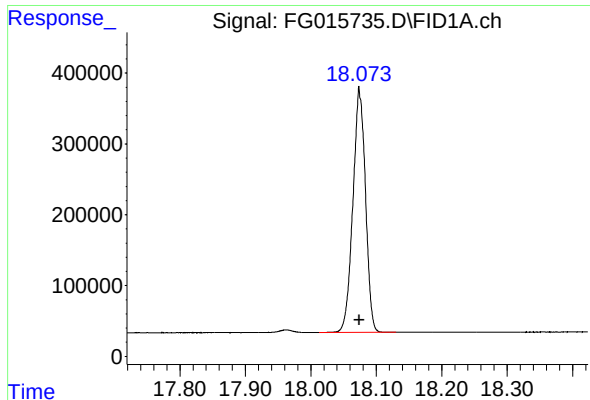
#15 n-Hexacosane (C26)

R.T.: 16.233 min
Delta R.T.: 0.000 min
Response: 4816385
Conc: 43.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.184 min
Delta R.T.: -0.001 min
Response: 4871281
Conc: 44.76 ug/ml



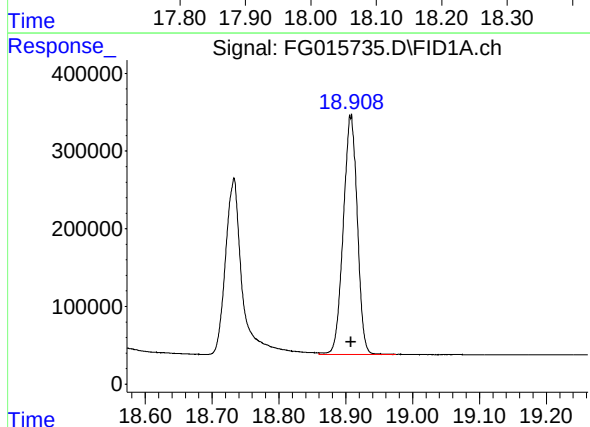
#17 n-Tricontane (C30)

R.T.: 18.074 min
Delta R.T.: 0.000 min
Response: 4606107
Conc: 42.29 ug/ml

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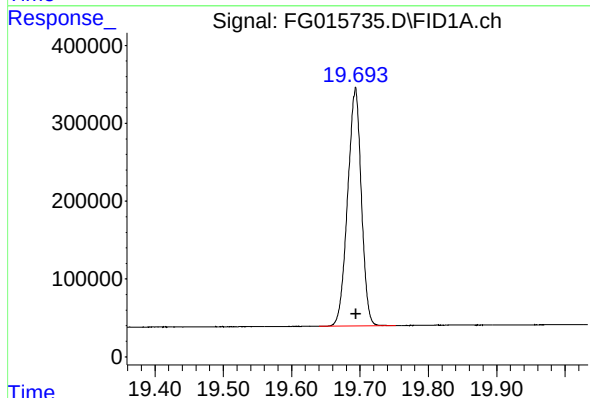
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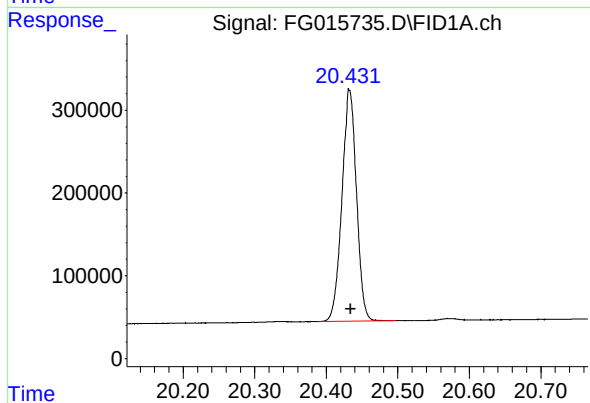
#18 n-Dotriacontane (C32)

R.T.: 18.907 min
Delta R.T.: 0.000 min
Response: 4480997
Conc: 41.65 ug/ml



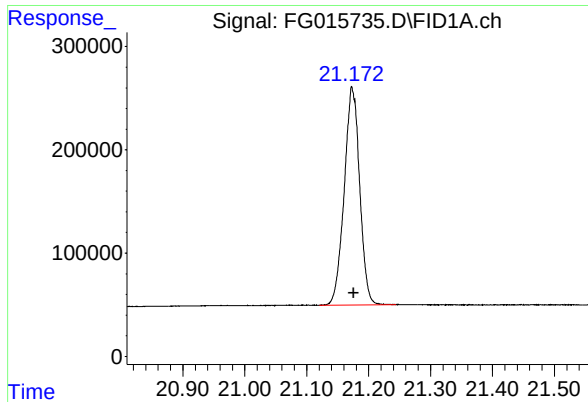
#19 n-Tetratriacontane (C34)

R.T.: 19.693 min
Delta R.T.: 0.000 min
Response: 4255446
Conc: 41.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.433 min
Delta R.T.: -0.002 min
Response: 3946799
Conc: 40.35 ug/ml



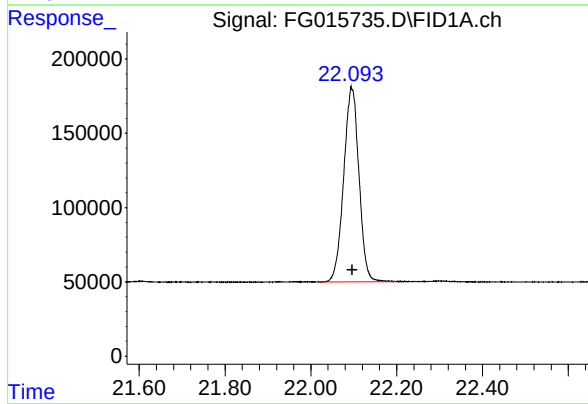
#21 n-Octatriacontane (C38)

R.T.: 21.173 min
Delta R.T.: -0.003 min
Response: 3662198
Conc: 40.12 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.094 min
Delta R.T.: -0.002 min
Response: 3228198
Conc: 38.22 ug/ml