

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070725AL\
 Data File : FC069377.D
 Signal(s) : FID1A.ch
 Acq On : 07 Jul 2025 12:09
 Operator : YP/AJ
 Sample : PB168723BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB168723BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 07/08/2025

Supervised By :mohammad ahmed 07/08/2025

Integration File: autoint1.e

Quant Time: Jul 08 01:27:12 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M

Quant Title : GC Extractables

Qlast Update : Wed Jun 18 14:24:27 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)	11.679	6844597	39.619 ug/ml
Spiked Amount 50.000		Recovery =	79.24%
12) S 1-chlorooctadecane (S...	13.114	5362694	41.049 ug/ml
Spiked Amount 50.000		Recovery =	82.10%
Target Compounds			
1) T n-Nonane (C9)	3.415	6047079	42.520 ug/ml
2) T n-Decane (C10)	4.485	6607653	45.136 ug/ml
3) T A~Naphthalene (C11.7)	6.077	8095888	50.318 ug/ml
4) T n-Dodecane (C12)	6.506	6941100	45.839 ug/ml
5) T A~2-methylnaphthalene...	7.137	7557086	47.754 ug/ml
6) T n-Tetradecane (C14)	8.308	6972195	44.980 ug/ml
7) T n-Hexadecane (C16)	9.910	6982268	42.727 ug/ml
8) T n-Octadecane (C18)	11.356	6747949	41.330 ug/ml
10) T n-Eicosane (C20)	12.668	6686403	43.805 ug/ml
11) T n-Heneicosane (C21)	13.280	6292458	42.692 ug/ml
13) T n-Docosane (C22)	13.867	6123545	42.559 ug/ml
14) T n-Tetracosane (C24)	14.967	11893390	86.227 ug/ml
15) T n-Hexacosane (C26)	15.996	5537094	42.357 ug/ml
16) T n-Octacosane (C28)	16.946	5292867	42.917 ug/ml
17) T n-Tricontane (C30)	17.837	5175701	43.536 ug/ml
18) T n-Dotriacontane (C32)	18.668	5054922	46.232 ug/ml
19) T n-Tetratriacontane (C34)	19.453	5230784	54.168 ug/ml
20) T n-Hexatriacontane (C36)	20.194	5003858	60.717 ug/ml
21) T n-Octatriacontane (C38)	20.963	5043187	67.485 ug/ml
22) T n-Tetracontane (C40)	21.931	4903231	69.239 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB168723BS
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ALS Vial : 12 Sample Multiplier: 1

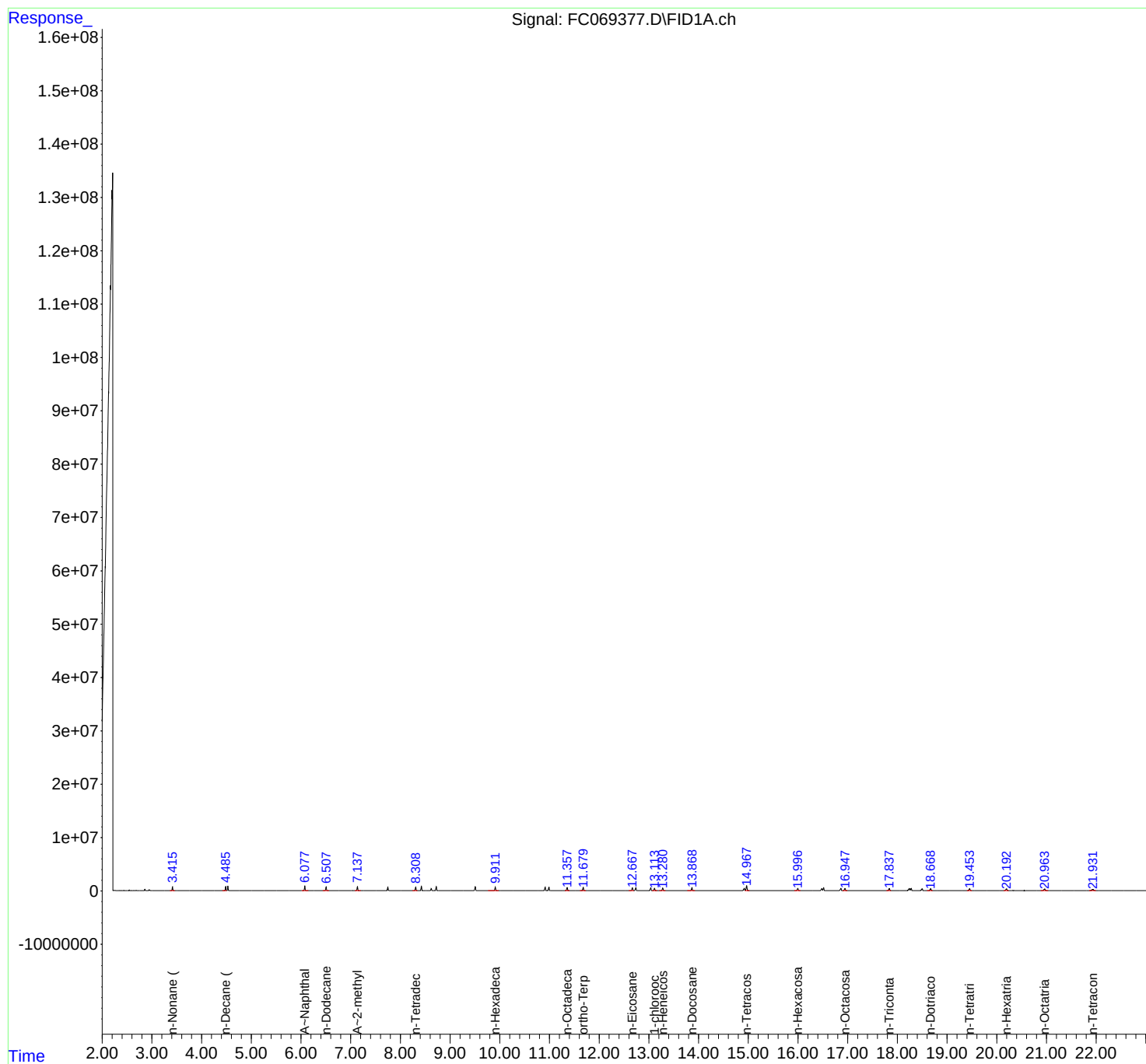
Instrument :
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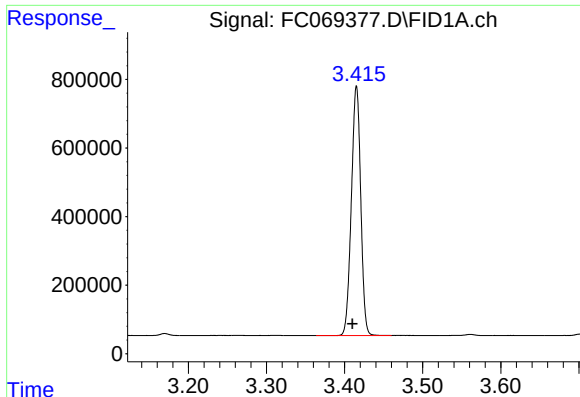
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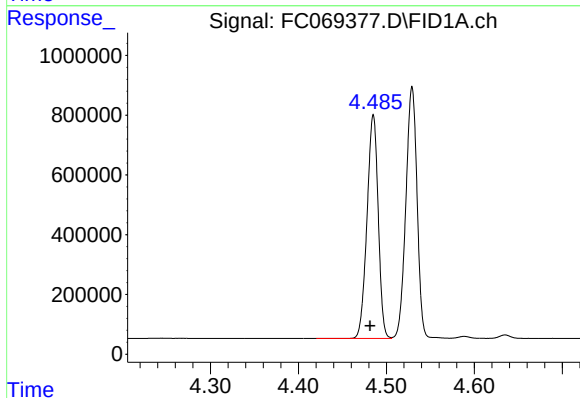
#1 n-Nonane (C9)

R.T.: 3.415 min
Delta R.T.: 0.005 min
Response: 6047079
Conc: 42.52 ug/ml

Instrument :
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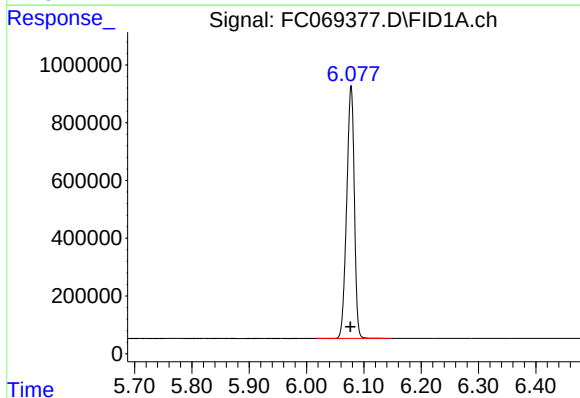
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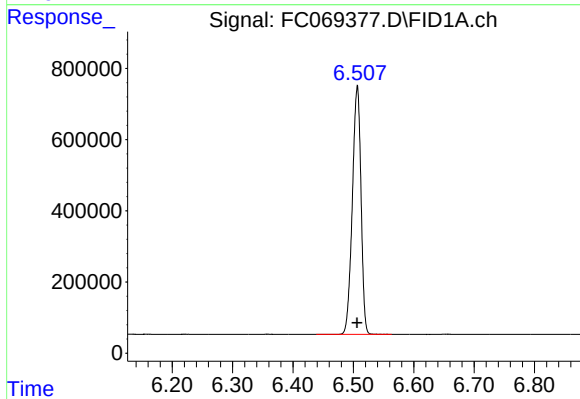
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: 0.004 min
Response: 6607653
Conc: 45.14 ug/ml



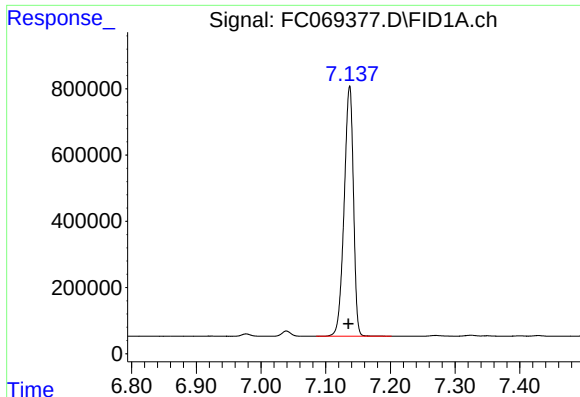
#3 A~Naphthalene (C11.7)

R.T.: 6.077 min
Delta R.T.: 0.001 min
Response: 8095888
Conc: 50.32 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 6941100
Conc: 45.84 ug/ml



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

R.T.: 7.137 min
Delta R.T.: 0.001 min
Response: 7557086
Conc: 47.75 ug/ml

Instrument :

FID_C

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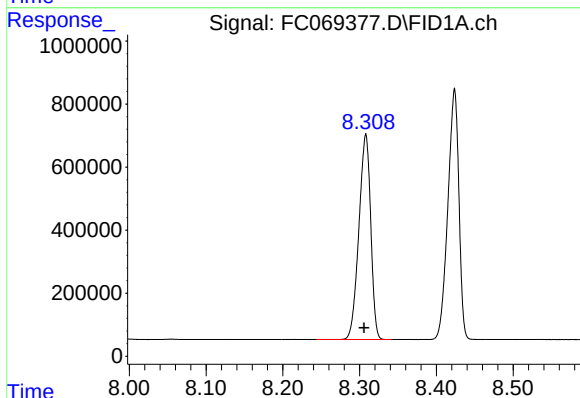
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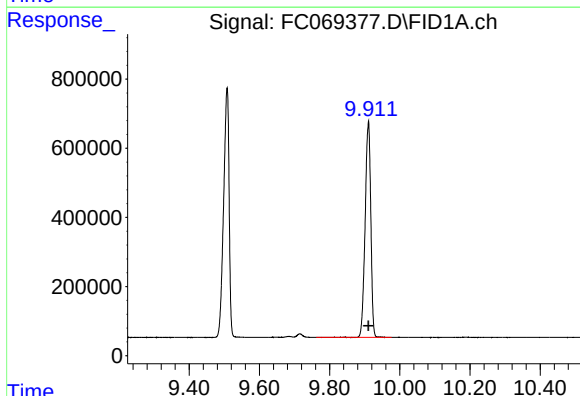
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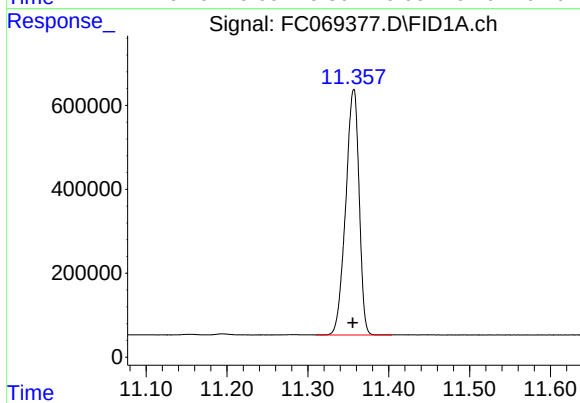
#6 n-Tetradecane (C14)

R.T.: 8.308 min
Delta R.T.: 0.002 min
Response: 6972195
Conc: 44.98 ug/ml



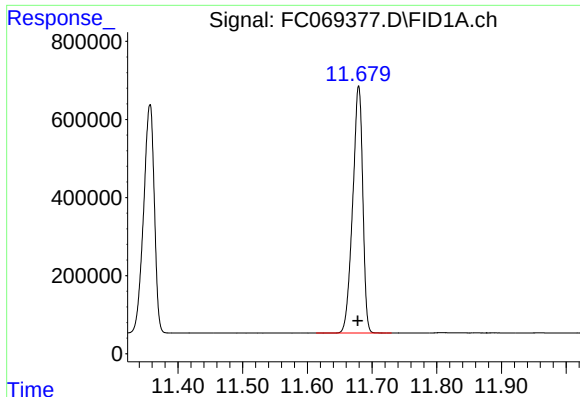
#7 n-Hexadecane (C16)

R.T.: 9.910 min
Delta R.T.: 0.000 min
Response: 6982268
Conc: 42.73 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.356 min
Delta R.T.: 0.000 min
Response: 6747949
Conc: 41.33 ug/ml



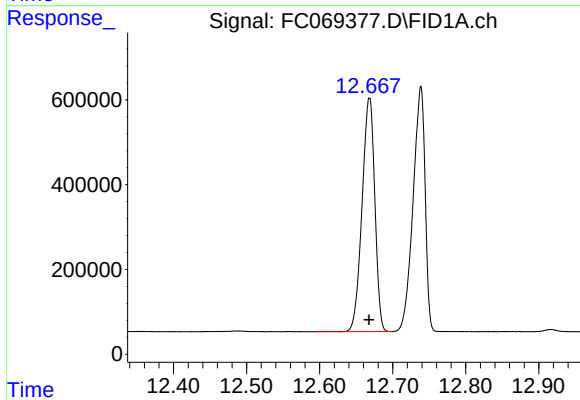
#9 ortho-Terphenyl (SURR)

R.T.: 11.679 min
Delta R.T.: 0.001 min
Response: 6844597
Conc: 39.62 ug/ml

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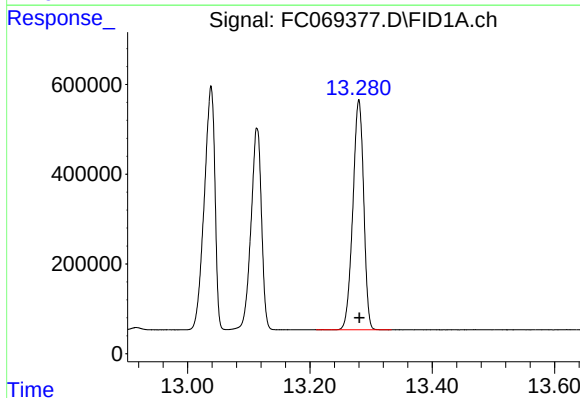
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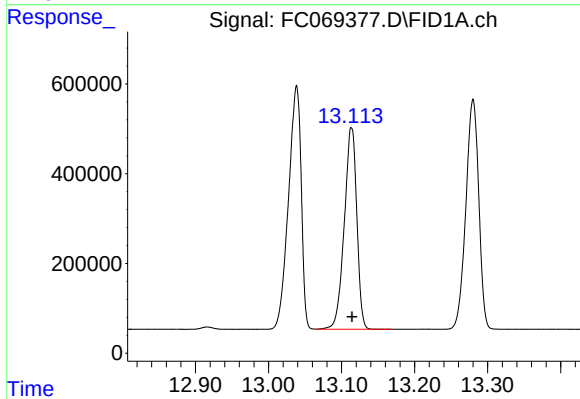
#10 n-Eicosane (C20)

R.T.: 12.668 min
Delta R.T.: 0.000 min
Response: 6686403
Conc: 43.81 ug/ml



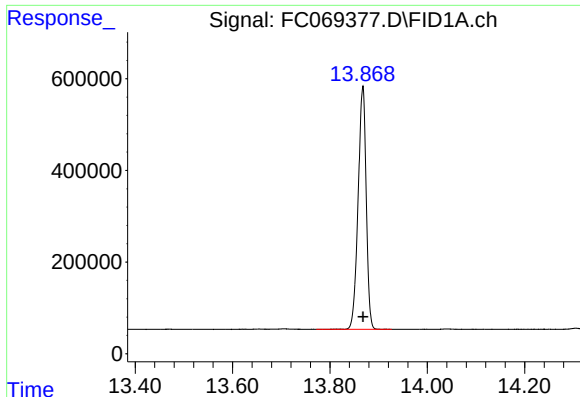
#11 n-Heneicosane (C21)

R.T.: 13.280 min
Delta R.T.: 0.000 min
Response: 6292458
Conc: 42.69 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.114 min
Delta R.T.: 0.000 min
Response: 5362694
Conc: 41.05 ug/ml



#13 n-Docosane (C22)

R.T.: 13.867 min
Delta R.T.: 0.000 min
Response: 6123545
Conc: 42.56 ug/ml

Instrument :

FID_C

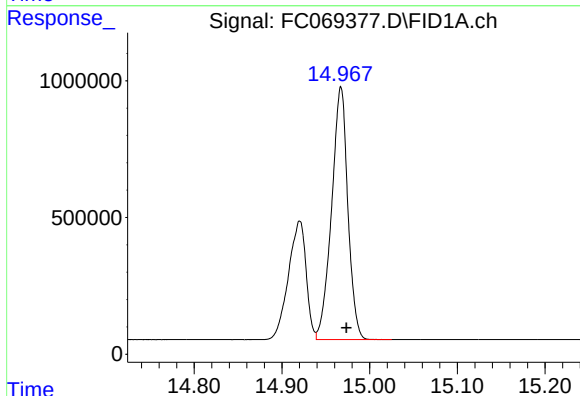
ClientSampleId :

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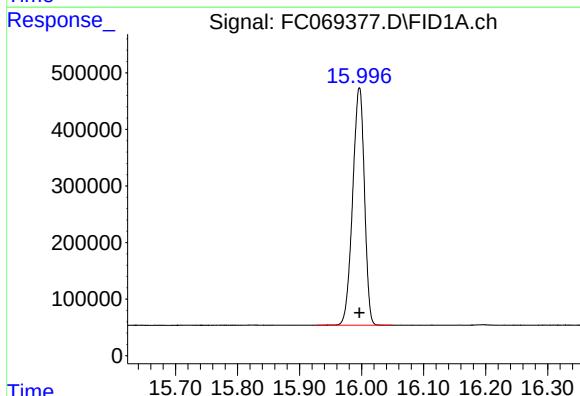
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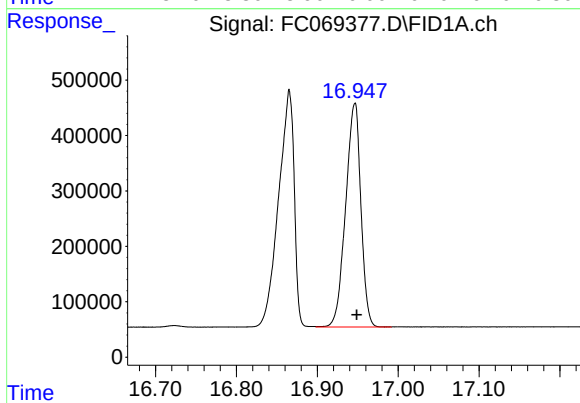
#14 n-Tetracosane (C24)

R.T.: 14.967 min
Delta R.T.: -0.007 min
Response: 11893390
Conc: 86.23 ug/ml



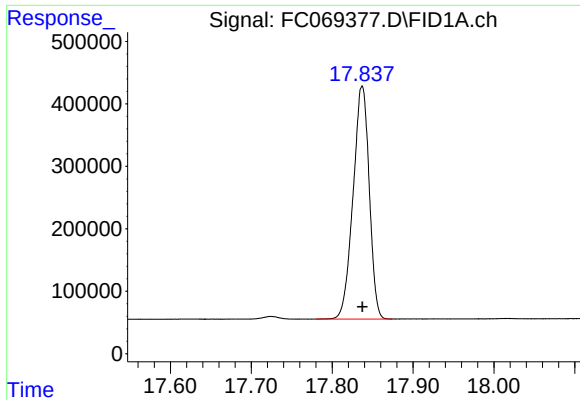
#15 n-Hexacosane (C26)

R.T.: 15.996 min
Delta R.T.: 0.000 min
Response: 5537094
Conc: 42.36 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.946 min
Delta R.T.: -0.003 min
Response: 5292867
Conc: 42.92 ug/ml



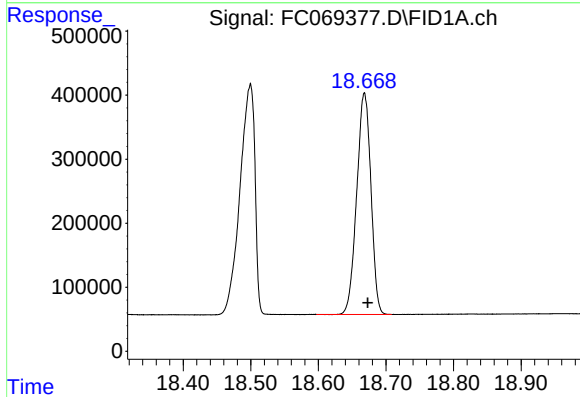
#17 n-Tricontane (C30)

R.T.: 17.837 min
Delta R.T.: 0.000 min
Response: 5175701
Conc: 43.54 ug/ml

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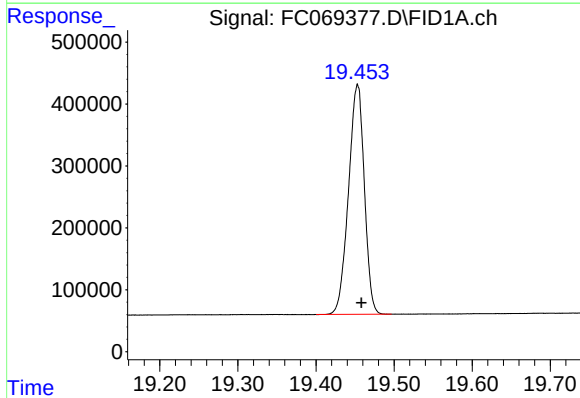
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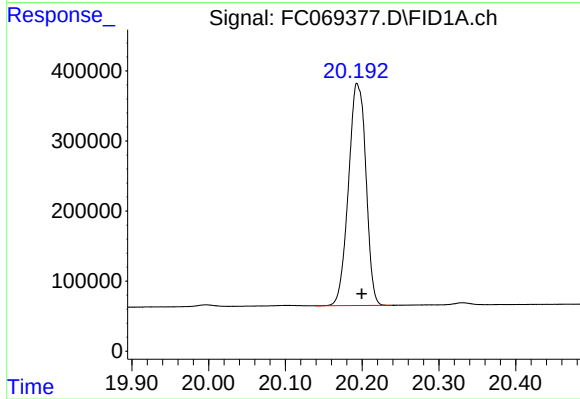
#18 n-Dotriacontane (C32)

R.T.: 18.668 min
Delta R.T.: -0.005 min
Response: 5054922
Conc: 46.23 ug/ml



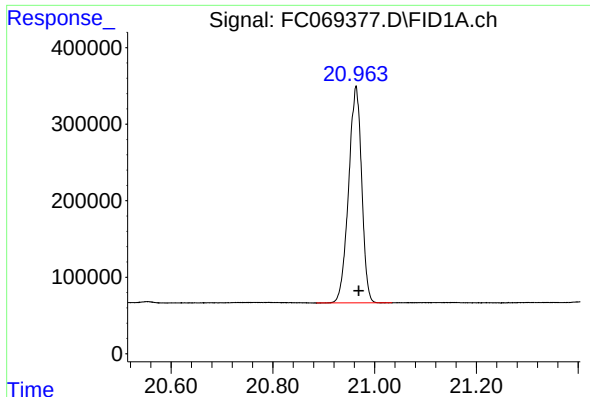
#19 n-Tetratriacontane (C34)

R.T.: 19.453 min
Delta R.T.: -0.005 min
Response: 5230784
Conc: 54.17 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.194 min
Delta R.T.: -0.005 min
Response: 5003858
Conc: 60.72 ug/ml



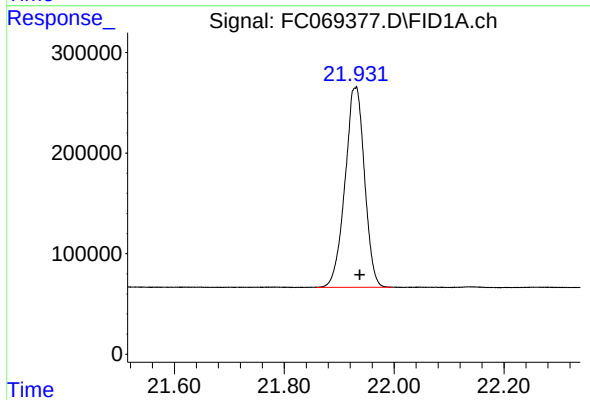
#21 n-Octatriacontane (C38)

R.T.: 20.963 min
Delta R.T.: -0.005 min
Response: 5043187
Conc: 67.49 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.931 min
Delta R.T.: -0.006 min
Response: 4903231
Conc: 69.24 ug/ml m