

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070925AL\
 Data File : FC069402.D
 Signal(s) : FID1A.ch
 Acq On : 09 Jul 2025 15:50
 Operator : YP/AJ
 Sample : PB168768BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB168768BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 07/10/2025

Supervised By :mohammad ahmed 07/11/2025

Integration File: autoint1.e

Quant Time: Jul 10 03:40:08 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)	11.677	6060915	35.083 ug/ml
Spiked Amount 50.000		Recovery =	70.17%
12) S 1-chlorooctadecane (S...	13.111	4776272	36.560 ug/ml
Spiked Amount 50.000		Recovery =	73.12%
Target Compounds			
1) T n-Nonane (C9)	3.411	3910324	27.495 ug/ml
2) T n-Decane (C10)	4.480	4344370	29.676 ug/ml
3) T A~Naphthalene (C11.7)	6.073	5888706	36.600 ug/ml
4) T n-Dodecane (C12)	6.503	5149735	34.009 ug/ml
5) T A~2-methylnaphthalene...	7.133	6181442	39.061 ug/ml
6) T n-Tetradecane (C14)	8.305	6367523	41.079 ug/ml
7) T n-Hexadecane (C16)	9.909	6894254	42.188 ug/ml
8) T n-Octadecane (C18)	11.354	6789183	41.582 ug/ml
10) T n-Eicosane (C20)	12.666	6755055	44.255 ug/ml
11) T n-Heneicosane (C21)	13.278	6376875	43.264 ug/ml
13) T n-Docosane (C22)	13.865	6196384	43.066 ug/ml
14) T n-Tetracosane (C24)	14.965	11950801	86.643 ug/ml
15) T n-Hexacosane (C26)	15.994	5590460	42.766 ug/ml
16) T n-Octacosane (C28)	16.943	5320423	43.140 ug/ml
17) T n-Tricontane (C30)	17.834	5157306	43.381 ug/ml
18) T n-Dotriacontane (C32)	18.666	5007732	45.801 ug/ml
19) T n-Tetratriacontane (C34)	19.451	5179316	53.635 ug/ml
20) T n-Hexatriacontane (C36)	20.192	4967548	60.277 ug/ml
21) T n-Octatriacontane (C38)	20.959	5033624	67.357 ug/ml
22) T n-Tetracontane (C40)	21.926	4957019	69.998 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB168768BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

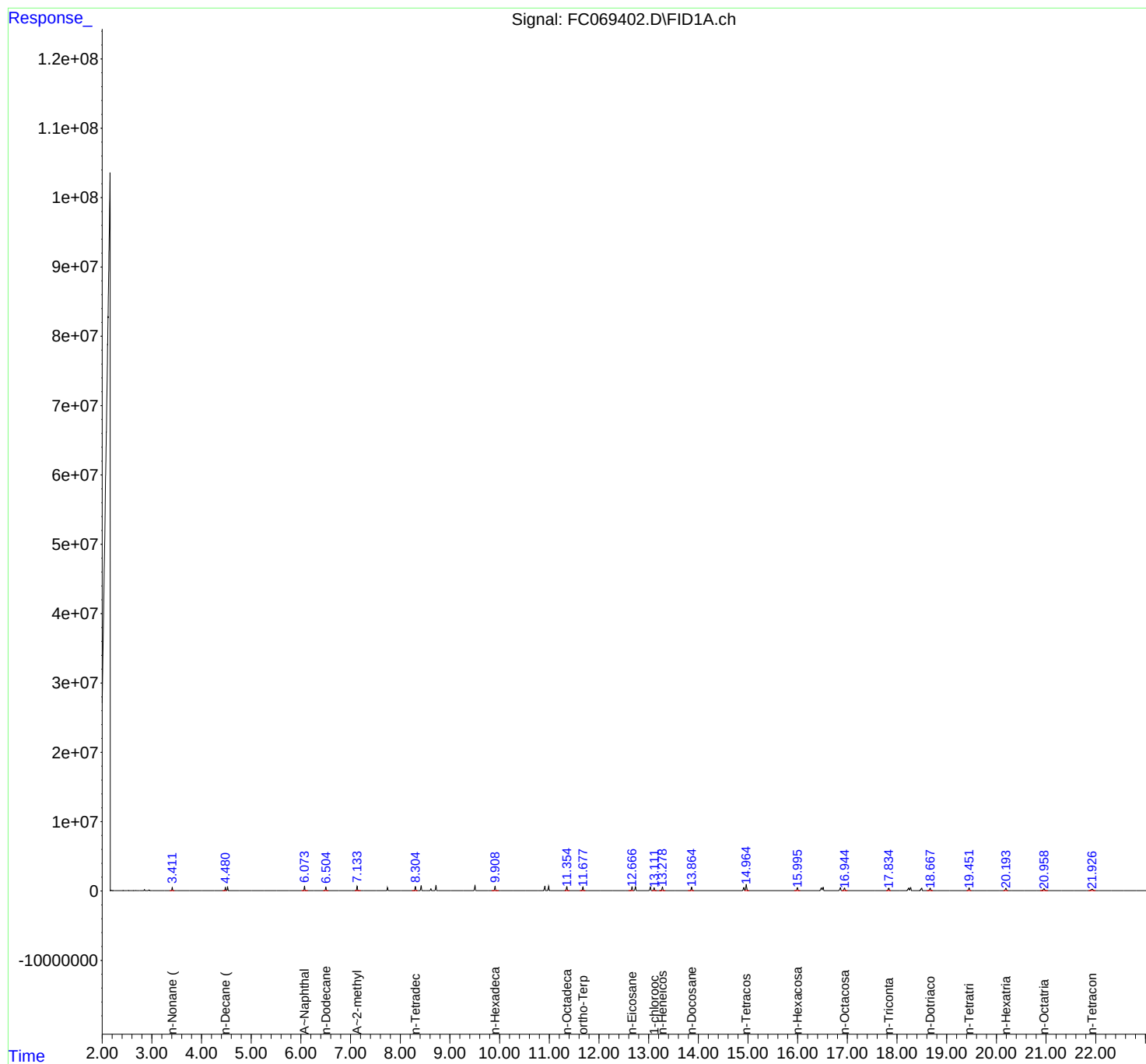
Instrument :
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PB168768BS

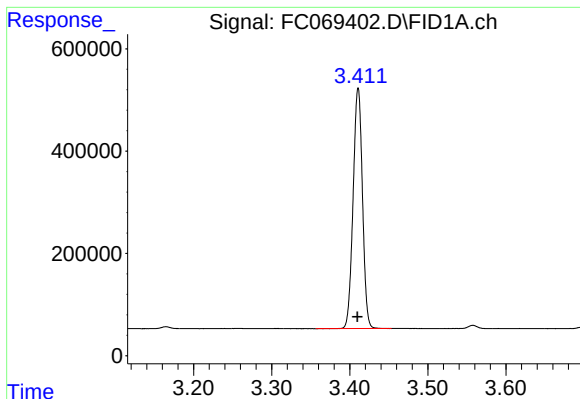
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Signal Info : 20M x 0.18mm x 0.18um





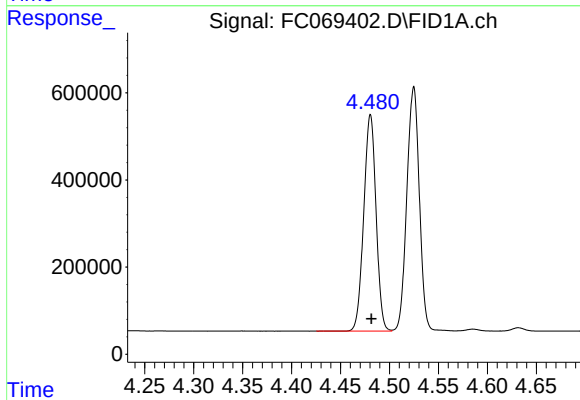
#1 n-Nonane (C9)

R.T.: 3.411 min
Delta R.T.: 0.000 min
Response: 3910324
Conc: 27.50 ug/ml

Instrument :
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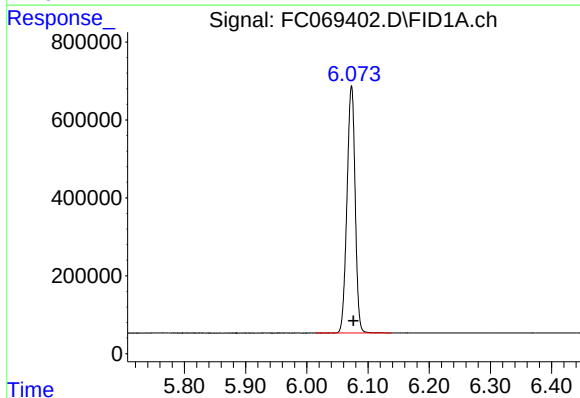
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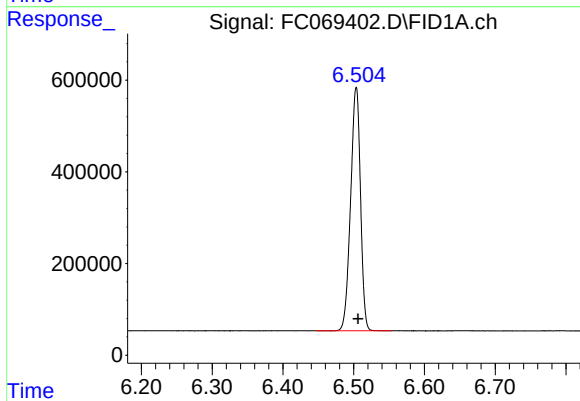
#2 n-Decane (C10)

R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 4344370
Conc: 29.68 ug/ml



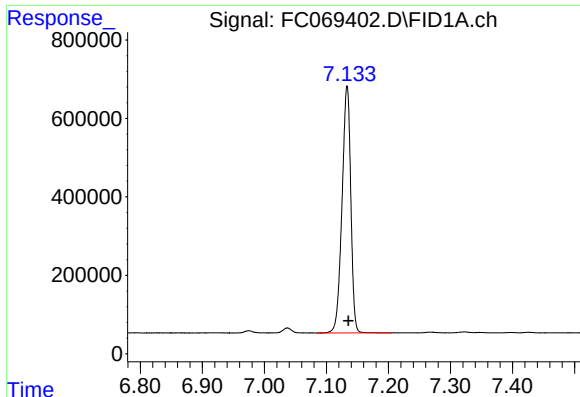
#3 A~Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 5888706
Conc: 36.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.503 min
Delta R.T.: -0.003 min
Response: 5149735
Conc: 34.01 ug/ml



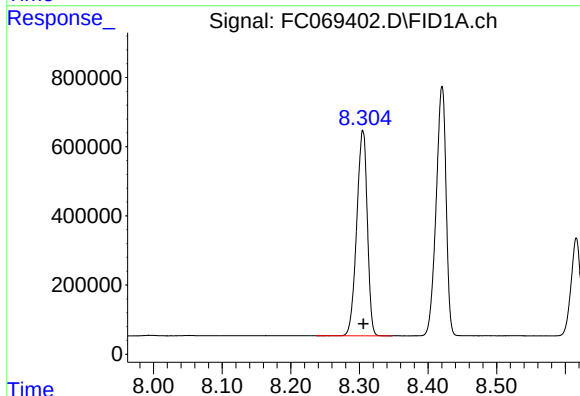
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.133 min
Delta R.T.: -0.002 min
Response: 6181442
Conc: 39.06 ug/ml

Instrument :
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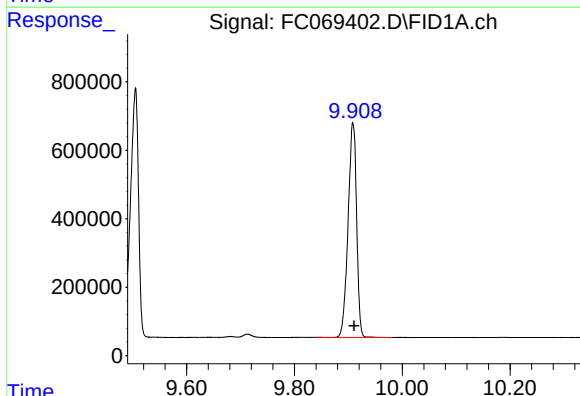
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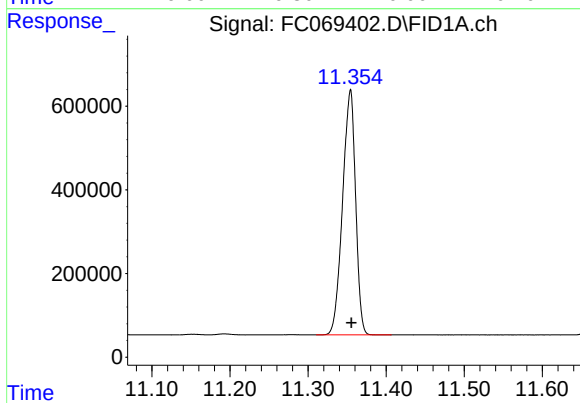
#6 n-Tetradecane (C14)

R.T.: 8.305 min
Delta R.T.: -0.001 min
Response: 6367523
Conc: 41.08 ug/ml



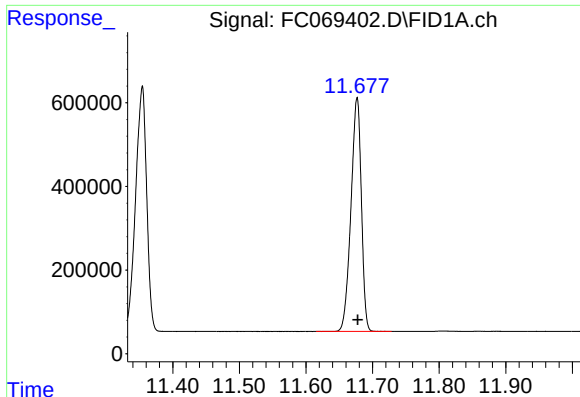
#7 n-Hexadecane (C16)

R.T.: 9.909 min
Delta R.T.: -0.002 min
Response: 6894254
Conc: 42.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.354 min
Delta R.T.: -0.002 min
Response: 6789183
Conc: 41.58 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.677 min
Delta R.T.: -0.001 min
Response: 6060915
Conc: 35.08 ug/ml

Instrument :

FID_C

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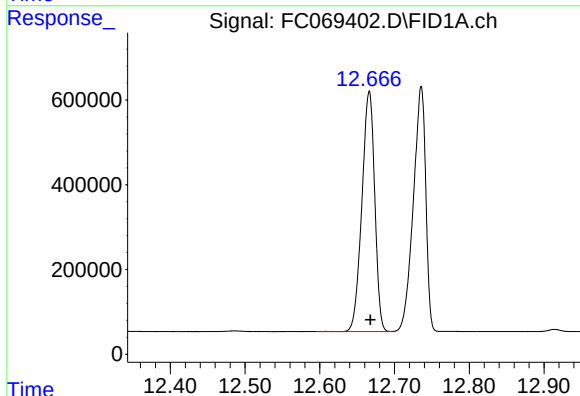
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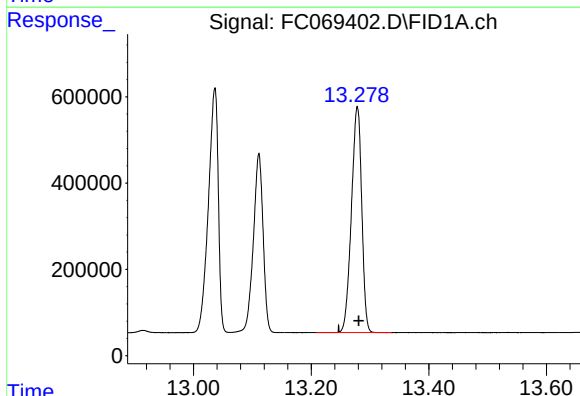
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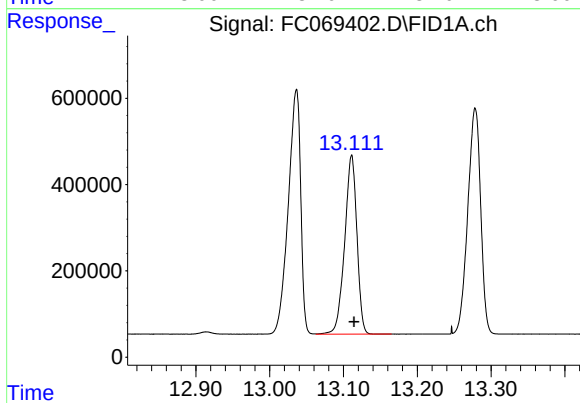
#10 n-Eicosane (C20)

R.T.: 12.666 min
Delta R.T.: -0.002 min
Response: 6755055
Conc: 44.25 ug/ml



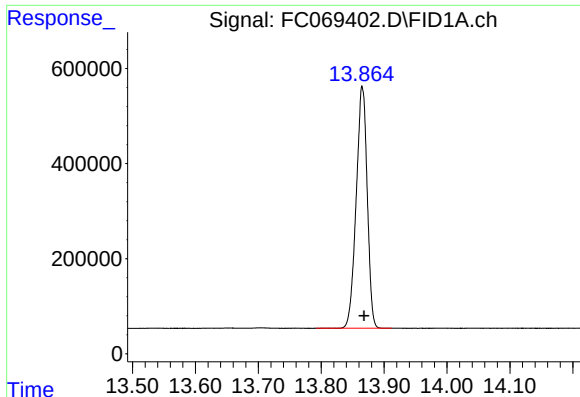
#11 n-Heneicosane (C21)

R.T.: 13.278 min
Delta R.T.: -0.002 min
Response: 6376875
Conc: 43.26 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.111 min
Delta R.T.: -0.003 min
Response: 4776272
Conc: 36.56 ug/ml



#13 n-Docosane (C22)

R.T.: 13.865 min
Delta R.T.: -0.003 min
Response: 6196384
Conc: 43.07 ug/ml

Instrument :

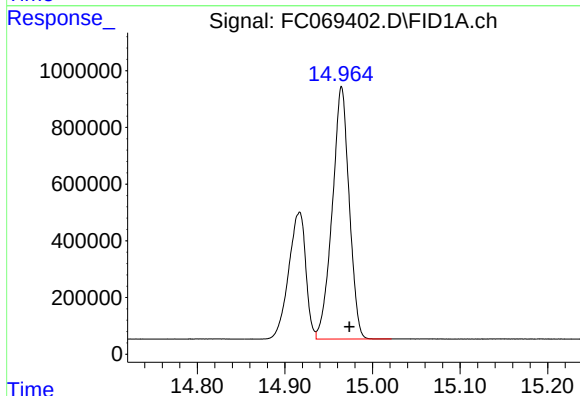
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ClientSampleId :

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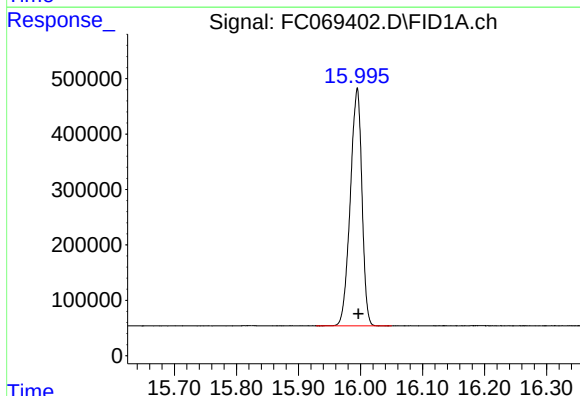
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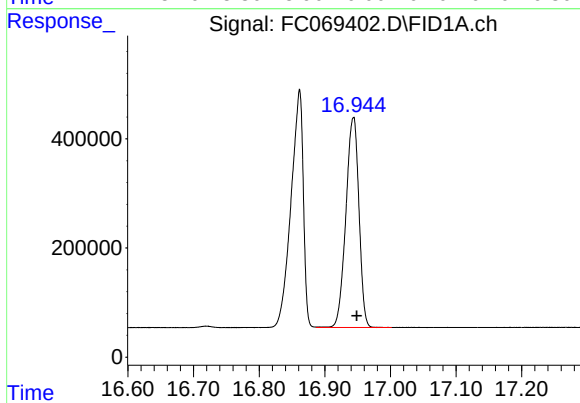
#14 n-Tetracosane (C24)

R.T.: 14.965 min
Delta R.T.: -0.009 min
Response: 11950801
Conc: 86.64 ug/ml



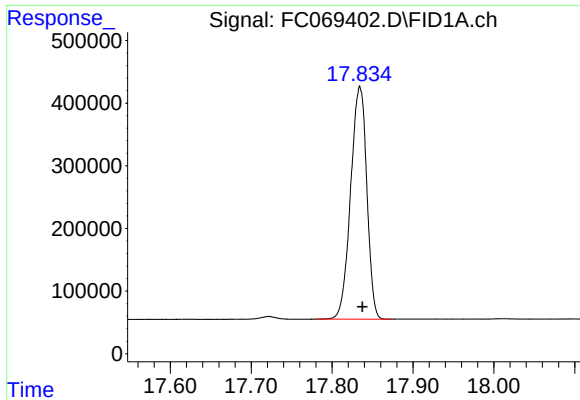
#15 n-Hexacosane (C26)

R.T.: 15.994 min
Delta R.T.: -0.002 min
Response: 5590460
Conc: 42.77 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.943 min
Delta R.T.: -0.005 min
Response: 5320423
Conc: 43.14 ug/ml



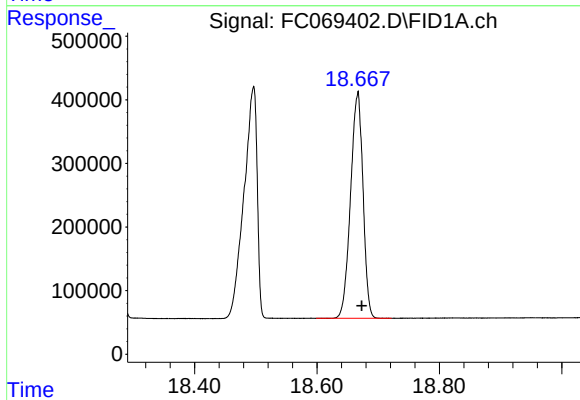
#17 n-Tricontane (C30)

R.T.: 17.834 min
Delta R.T.: -0.003 min
Response: 5157306
Conc: 43.38 ug/ml

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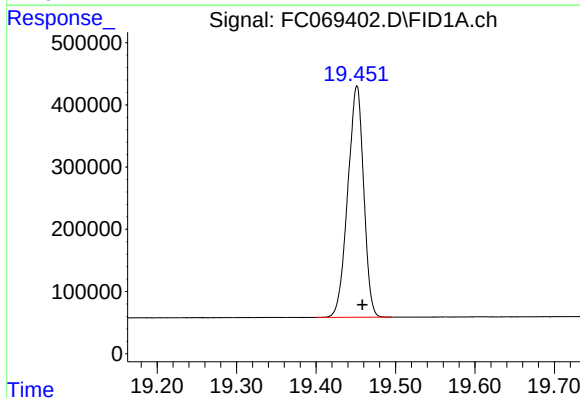
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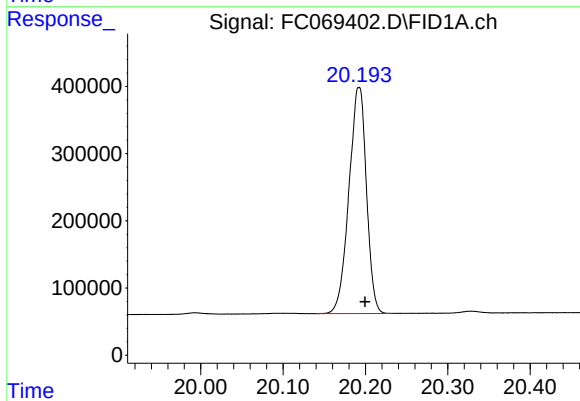
#18 n-Dotriacontane (C32)

R.T.: 18.666 min
Delta R.T.: -0.007 min
Response: 5007732
Conc: 45.80 ug/ml



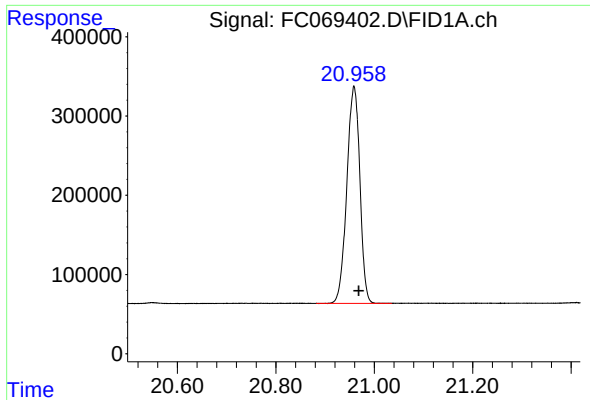
#19 n-Tetratriacontane (C34)

R.T.: 19.451 min
Delta R.T.: -0.007 min
Response: 5179316
Conc: 53.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.192 min
Delta R.T.: -0.008 min
Response: 4967548
Conc: 60.28 ug/ml



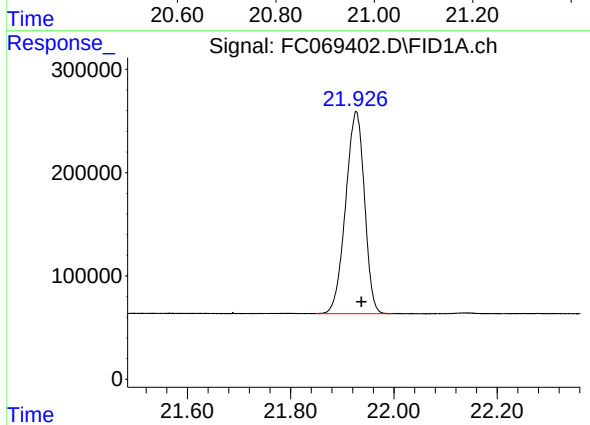
#21 n-Octatriacontane (C38)

R.T.: 20.959 min
Delta R.T.: -0.010 min
Response: 5033624
Conc: 67.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.926 min
Delta R.T.: -0.012 min
Response: 4957019
Conc: 70.00 ug/ml m