

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100225AL\
 Data File : FC069901.D
 Signal(s) : FID1A.ch
 Acq On : 01 Oct 2025 17:54
 Operator : YP/AJ
 Sample : PB169929BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB169929BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/03/2025

Supervised By :mohammad ahmed 10/04/2025

Integration File: autoint1.e

Quant Time: Oct 03 04:30:21 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M

Quant Title : GC Extractables

Qlast Update : Tue Sep 23 14:56:40 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)	11.649	7904324	42.201 ug/ml
Spiked Amount 50.000		Recovery =	84.40%
12) S 1-chlorooctadecane (S...	13.082	6349382	40.207 ug/ml
Spiked Amount 50.000		Recovery =	80.41%
Target Compounds			
1) T n-Nonane (C9)	3.397	6744802	52.615 ug/ml
2) T n-Decane (C10)	4.464	7402294	55.707 ug/ml
3) T A~Naphthalene (C11.7)	6.053	8531925	57.474 ug/ml
4) T n-Dodecane (C12)	6.482	8098644	58.056 ug/ml
5) T A~2-methylnaphthalene...	7.111	8145221	55.168 ug/ml
6) T n-Tetradecane (C14)	8.281	8448662	56.963 ug/ml
7) T n-Hexadecane (C16)	9.882	8904203	53.956 ug/ml
8) T n-Octadecane (C18)	11.328	8902778	49.954 ug/ml
10) T n-Eicosane (C20)	12.638	9030510	50.138 ug/ml
11) T n-Heneicosane (C21)	13.250	8545644	47.393 ug/ml
13) T n-Docosane (C22)	13.836	8330804	45.856 ug/ml
14) T n-Tetracosane (C24)	14.935	15442767	83.927 ug/ml
15) T n-Hexacosane (C26)	15.964	7527916	41.462 ug/ml
16) T n-Octacosane (C28)	16.914	7150092	40.504 ug/mlm
17) T n-Tricontane (C30)	17.803	7010248	40.052 ug/ml
18) T n-Dotriacontane (C32)	18.633	6624558	40.947 ug/mlm
19) T n-Tetratriacontane (C34)	19.418	6608715	47.289 ug/ml
20) T n-Hexatriacontane (C36)	20.157	5627634	49.846 ug/ml
21) T n-Octatriacontane (C38)	20.915	5121865	53.095 ug/mlm
22) T n-Tetracontane (C40)	21.869	4743708	55.078 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB169929BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

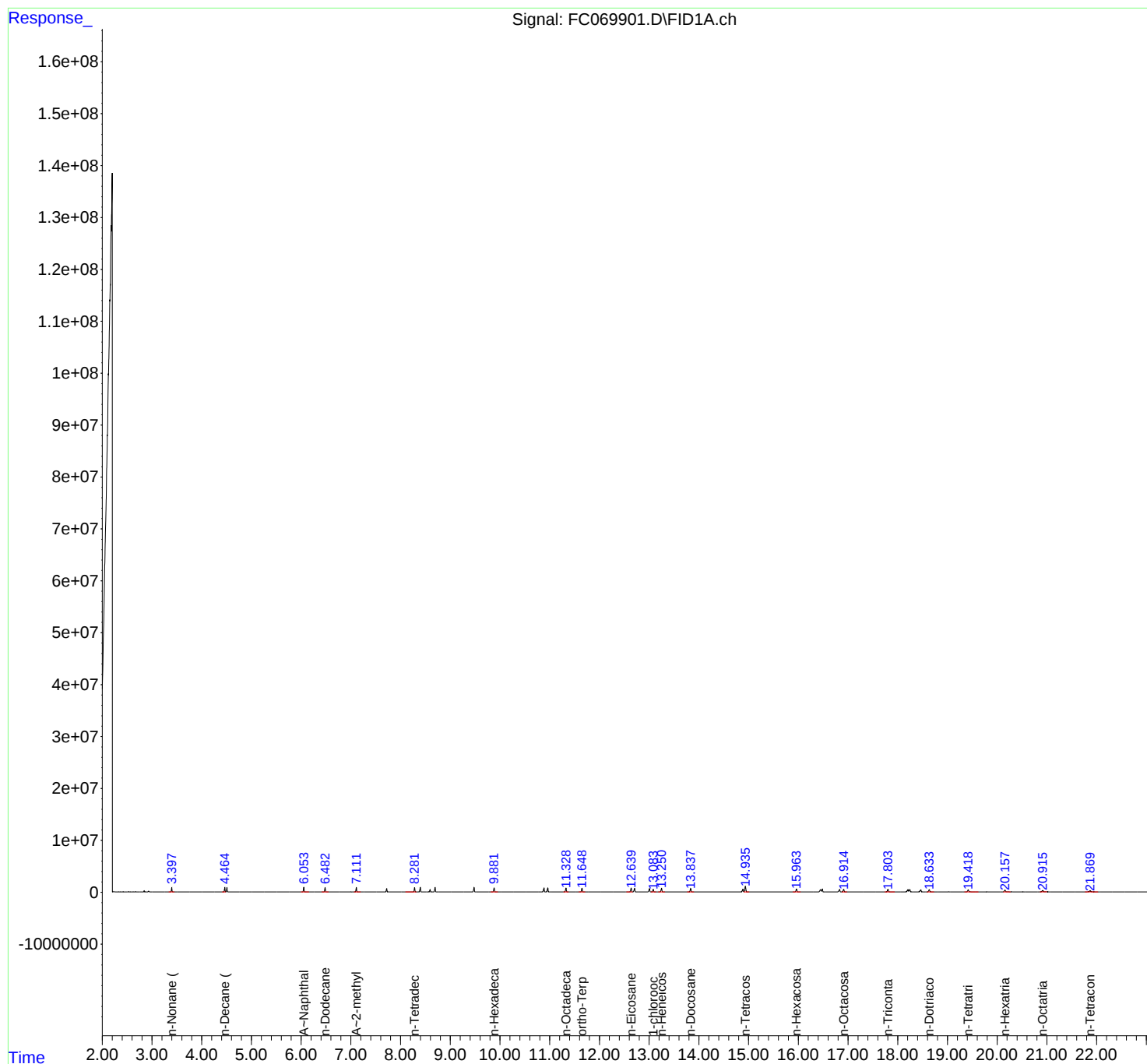
Instrument :
FID_C
ClientSampleId :
PB169929BS

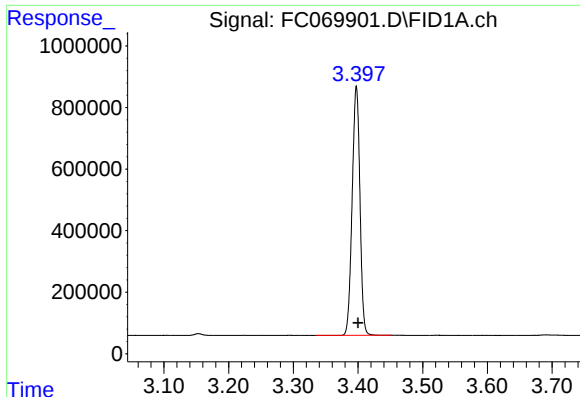
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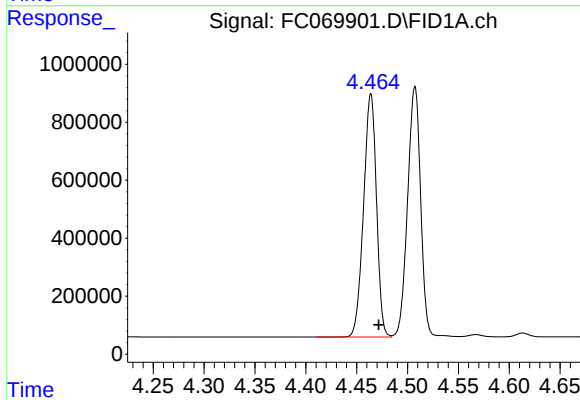
#1 n-Nonane (C9)

R.T.: 3.397 min
Delta R.T.: -0.003 min
Response: 6744802
Conc: 52.61 ug/ml

Instrument :
FID_C
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PB169929BS

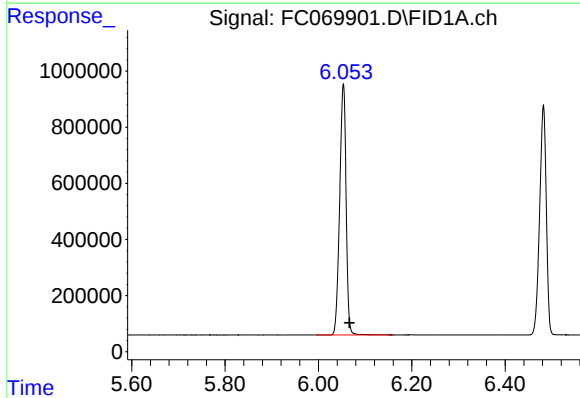
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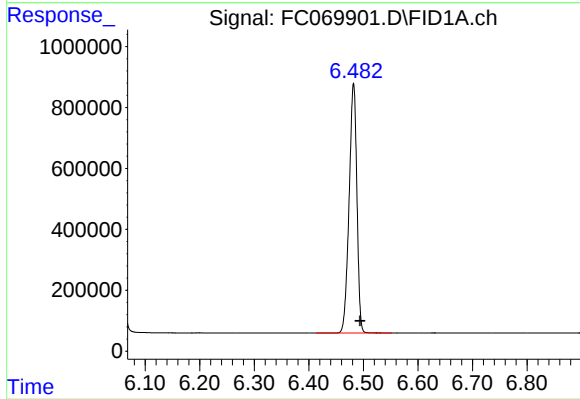
#2 n-Decane (C10)

R.T.: 4.464 min
Delta R.T.: -0.008 min
Response: 7402294
Conc: 55.71 ug/ml



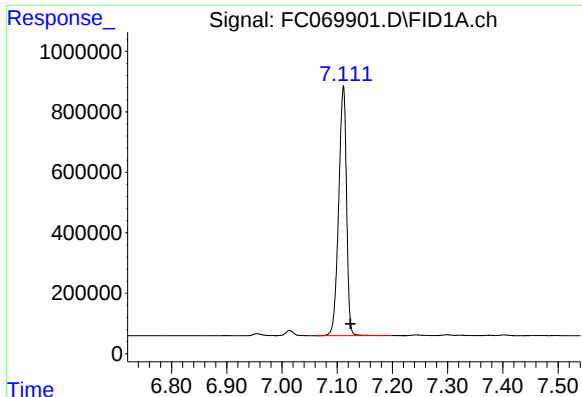
#3 A~Naphthalene (C11.7)

R.T.: 6.053 min
Delta R.T.: -0.013 min
Response: 8531925
Conc: 57.47 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.482 min
Delta R.T.: -0.012 min
Response: 8098644
Conc: 58.06 ug/ml



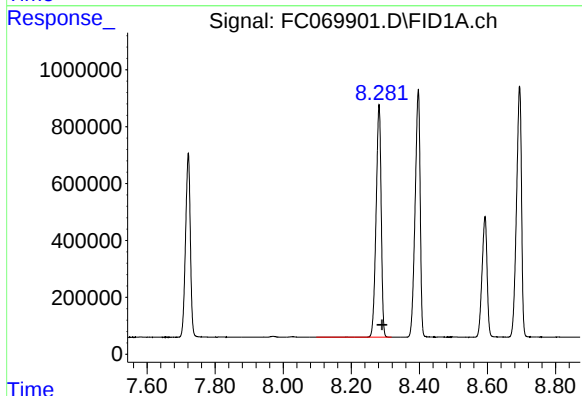
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.111 min
Delta R.T.: -0.013 min
Response: 8145221
Conc: 55.17 ug/ml

Instrument :
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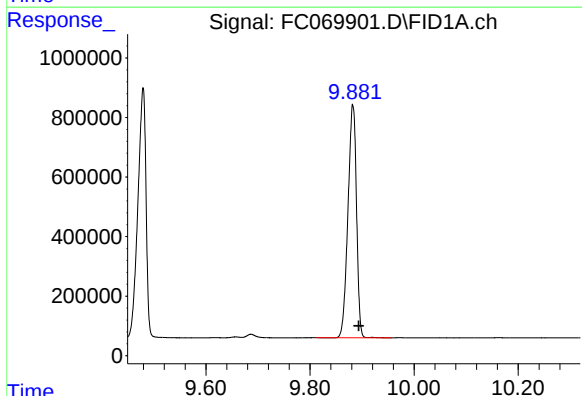
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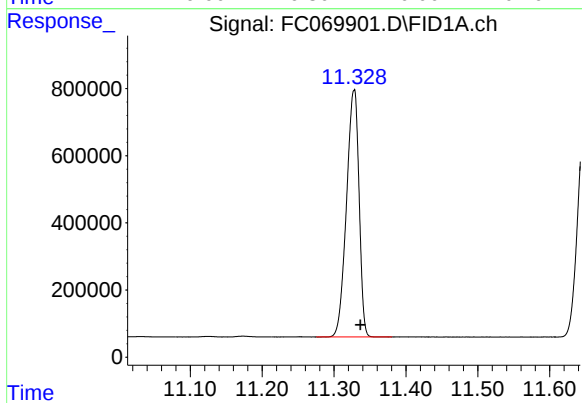
#6 n-Tetradecane (C14)

R.T.: 8.281 min
Delta R.T.: -0.009 min
Response: 8448662
Conc: 56.96 ug/ml



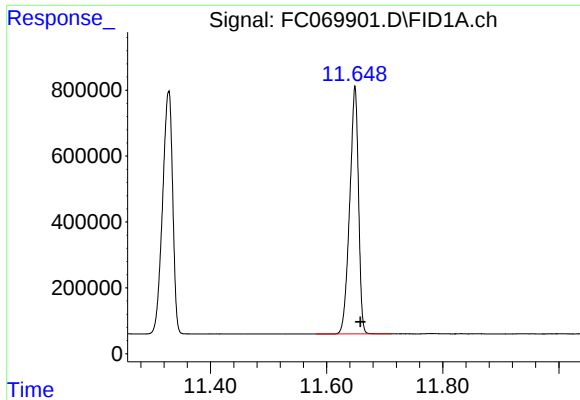
#7 n-Hexadecane (C16)

R.T.: 9.882 min
Delta R.T.: -0.011 min
Response: 8904203
Conc: 53.96 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.328 min
Delta R.T.: -0.009 min
Response: 8902778
Conc: 49.95 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.649 min
Delta R.T.: -0.010 min
Response: 7904324
Conc: 42.20 ug/ml

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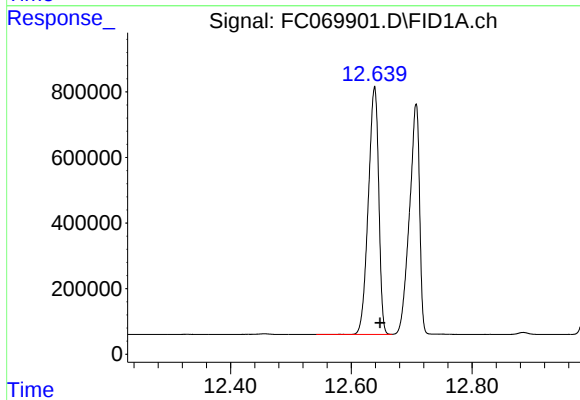
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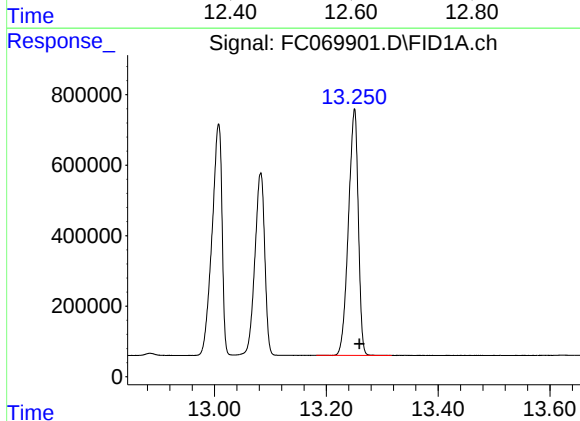
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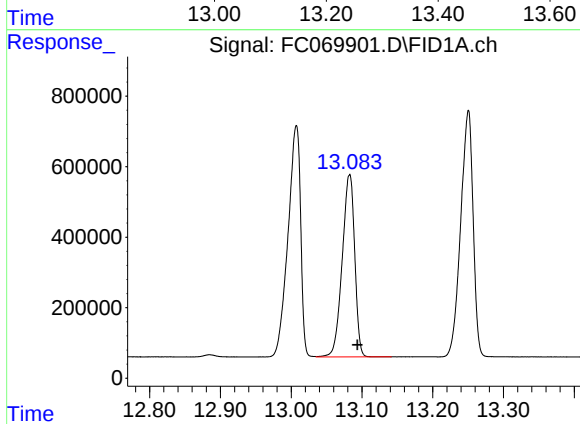
#10 n-Eicosane (C20)

R.T.: 12.638 min
Delta R.T.: -0.009 min
Response: 9030510
Conc: 50.14 ug/ml



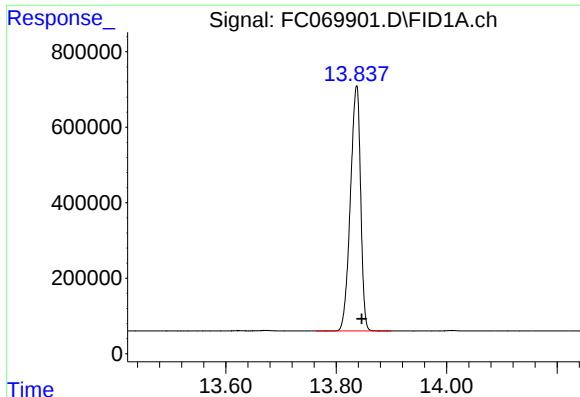
#11 n-Heneicosane (C21)

R.T.: 13.250 min
Delta R.T.: -0.009 min
Response: 8545644
Conc: 47.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.082 min
Delta R.T.: -0.011 min
Response: 6349382
Conc: 40.21 ug/ml



#13 n-Docosane (C22)

R.T.: 13.836 min
Delta R.T.: -0.010 min
Response: 8330804
Conc: 45.86 ug/ml

Instrument :

FID_C

ClientSampleId :

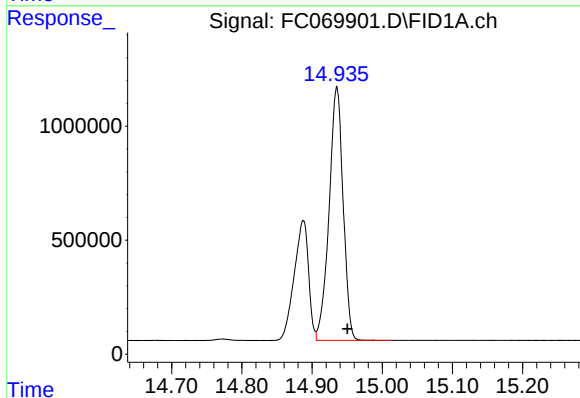
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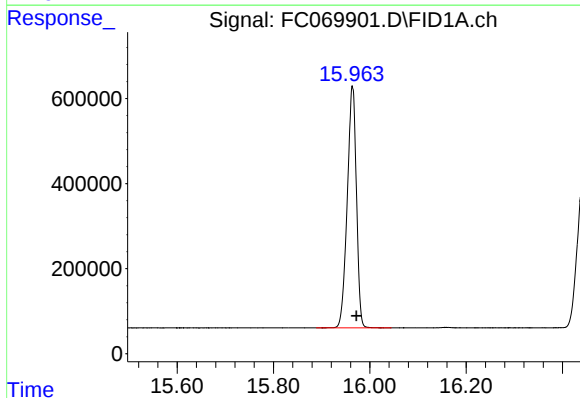
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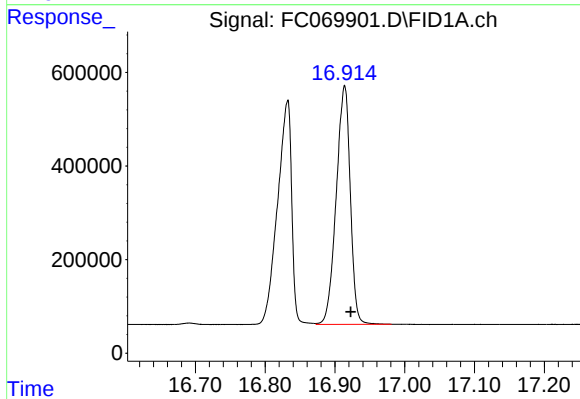
#14 n-Tetracosane (C24)

R.T.: 14.935 min
Delta R.T.: -0.015 min
Response: 15442767
Conc: 83.93 ug/ml



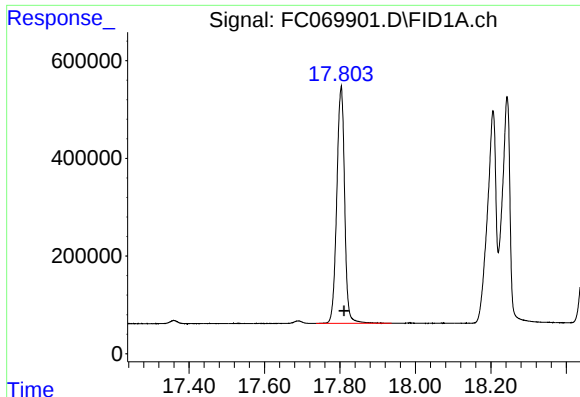
#15 n-Hexacosane (C26)

R.T.: 15.964 min
Delta R.T.: -0.008 min
Response: 7527916
Conc: 41.46 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.914 min
Delta R.T.: -0.009 min
Response: 7150092
Conc: 40.50 ug/ml m



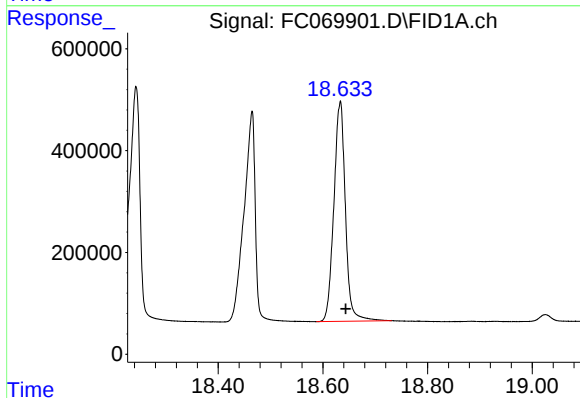
#17 n-Tricontane (C30)

R.T.: 17.803 min
Delta R.T.: -0.008 min
Response: 7010248
Conc: 40.05 ug/ml

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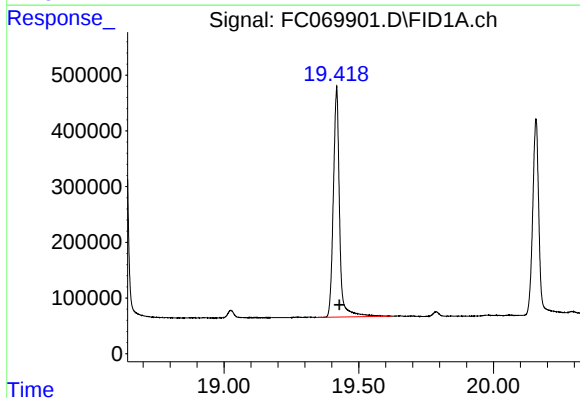
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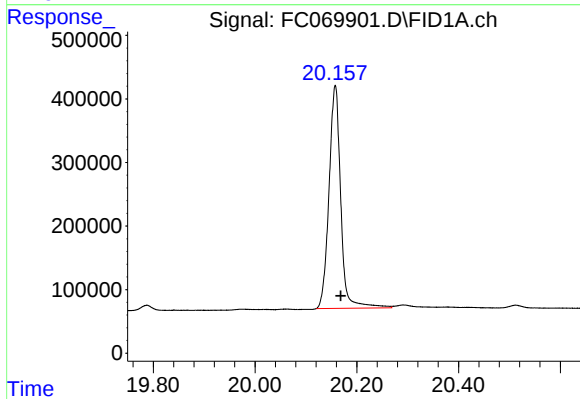
#18 n-Dotriacontane (C32)

R.T.: 18.633 min
Delta R.T.: -0.010 min
Response: 6624558
Conc: 40.95 ug/ml m



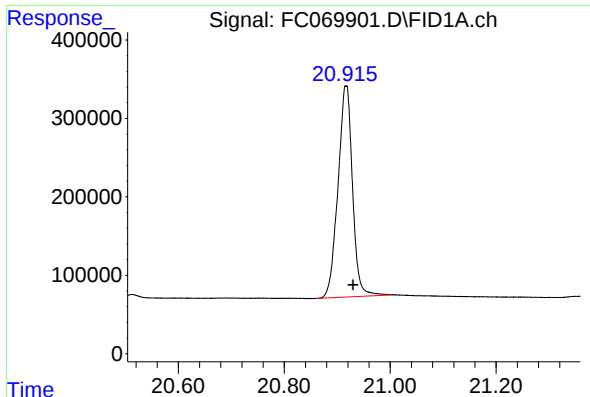
#19 n-Tetratriacontane (C34)

R.T.: 19.418 min
Delta R.T.: -0.010 min
Response: 6608715
Conc: 47.29 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.157 min
Delta R.T.: -0.011 min
Response: 5627634
Conc: 49.85 ug/ml



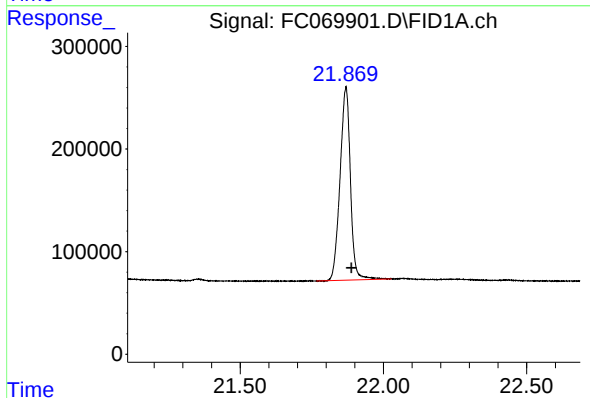
#21 n-Octatriacontane (C38)

R.T.: 20.915 min
Delta R.T.: -0.015 min
Response: 5121865
Conc: 53.09 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.869 min
Delta R.T.: -0.019 min
Response: 4743708
Conc: 55.08 ug/ml