

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070925AL\
 Data File : FC069403.D
 Signal(s) : FID1A.ch
 Acq On : 09 Jul 2025 16:39
 Operator : YP/AJ
 Sample : PB168768BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168768BSD

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 03:40:23 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)	11.676	6138977	35.535 ug/ml
Spiked Amount 50.000		Recovery =	71.07%
12) S 1-chlorooctadecane (S...	13.110	4838575	37.037 ug/ml
Spiked Amount 50.000		Recovery =	74.07%
Target Compounds			
1) T n-Nonane (C9)	3.414	4039355	28.402 ug/ml
2) T n-Decane (C10)	4.482	4481845	30.615 ug/ml
3) T A~Naphthalene (C11.7)	6.074	6047879	37.589 ug/ml
4) T n-Dodecane (C12)	6.504	5300104	35.002 ug/ml
5) T A~2-methylnaphthalene...	7.133	6330789	40.005 ug/ml
6) T n-Tetradecane (C14)	8.305	6512908	42.017 ug/ml
7) T n-Hexadecane (C16)	9.908	7011495	42.906 ug/ml
8) T n-Octadecane (C18)	11.354	6880595	42.142 ug/ml
10) T n-Eicosane (C20)	12.666	6843160	44.832 ug/ml
11) T n-Heneicosane (C21)	13.278	6452733	43.779 ug/ml
13) T n-Docosane (C22)	13.866	6283642	43.672 ug/ml
14) T n-Tetracosane (C24)	14.965	12165657	88.201 ug/ml
15) T n-Hexacosane (C26)	15.994	5683172	43.475 ug/ml
16) T n-Octacosane (C28)	16.943	5411090	43.875 ug/ml
17) T n-Tricontane (C30)	17.834	5252968	44.186 ug/ml
18) T n-Dotriacontane (C32)	18.665	5105665	46.696 ug/ml
19) T n-Tetratriacontane (C34)	19.450	5293194	54.814 ug/ml
20) T n-Hexatriacontane (C36)	20.191	5079294	61.633 ug/ml
21) T n-Octatriacontane (C38)	20.958	5147643	68.883 ug/ml
22) T n-Tetracontane (C40)	21.923	5079903	71.734 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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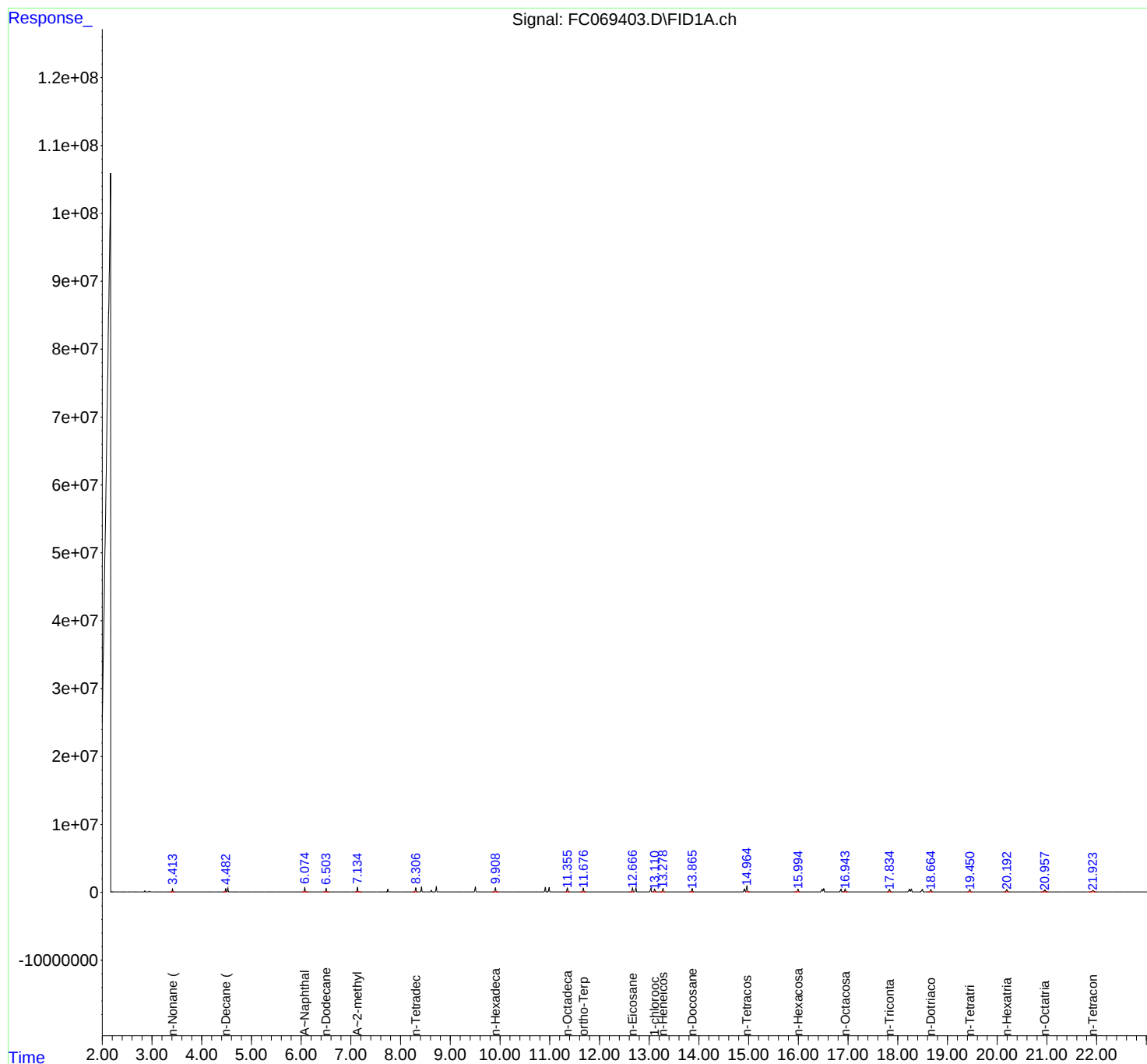
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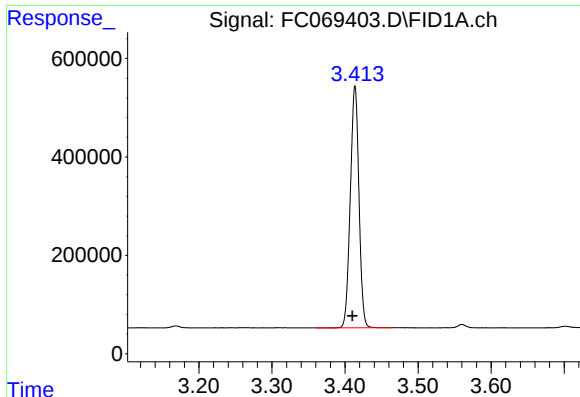
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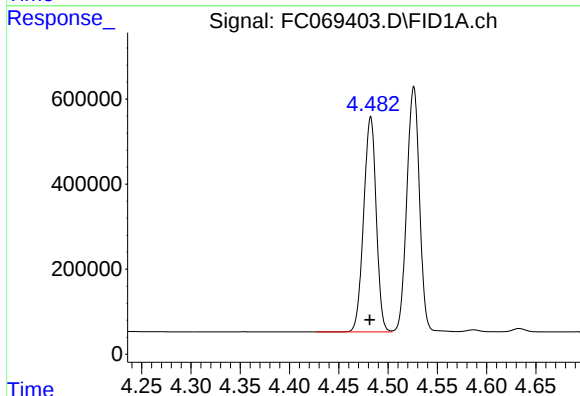
#1 n-Nonane (C9)

R.T.: 3.414 min
Delta R.T.: 0.004 min
Response: 4039355
Conc: 28.40 ug/ml

Instrument :
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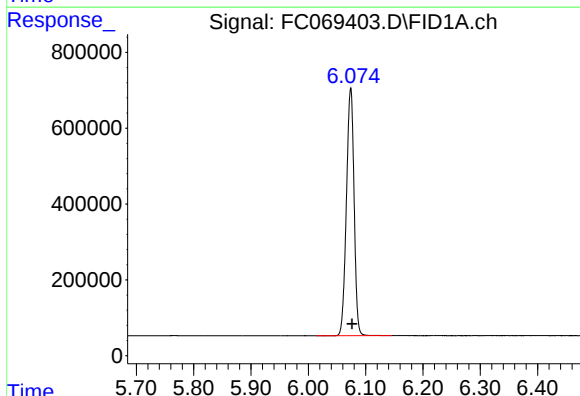
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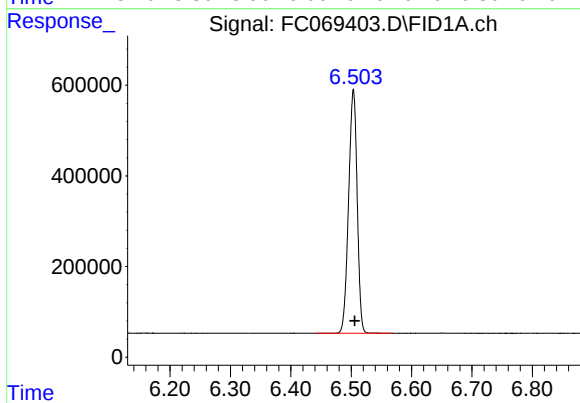
#2 n-Decane (C10)

R.T.: 4.482 min
Delta R.T.: 0.000 min
Response: 4481845
Conc: 30.61 ug/ml



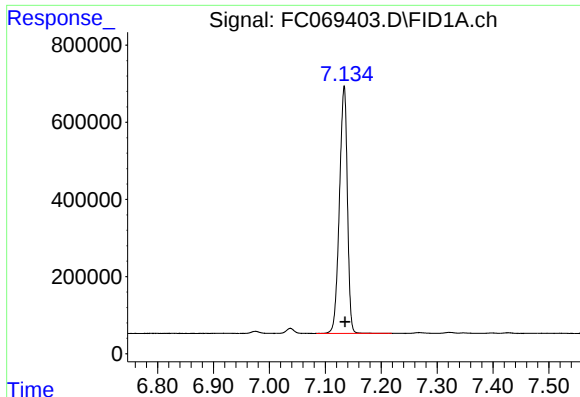
#3 A~Naphthalene (C11.7)

R.T.: 6.074 min
Delta R.T.: -0.003 min
Response: 6047879
Conc: 37.59 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.504 min
Delta R.T.: -0.003 min
Response: 5300104
Conc: 35.00 ug/ml



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

R.T.: 7.133 min
Delta R.T.: -0.002 min
Response: 6330789
Conc: 40.01 ug/ml

Instrument :

FID_C

ClientSampleId :

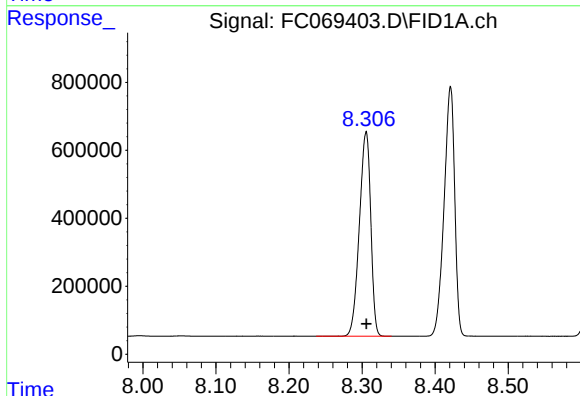
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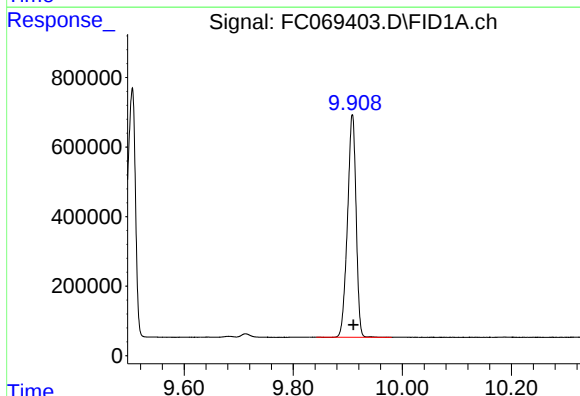
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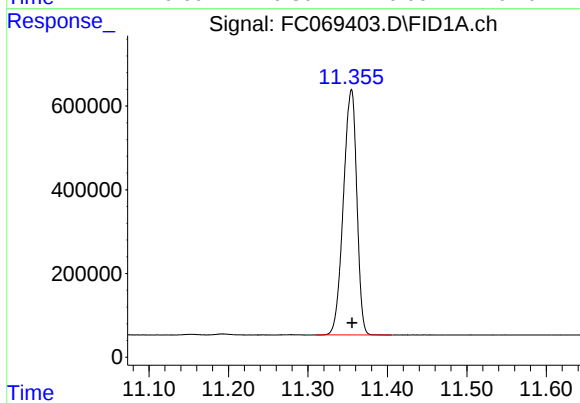
#6 n-Tetradecane (C14)

R.T.: 8.305 min
Delta R.T.: 0.000 min
Response: 6512908
Conc: 42.02 ug/ml



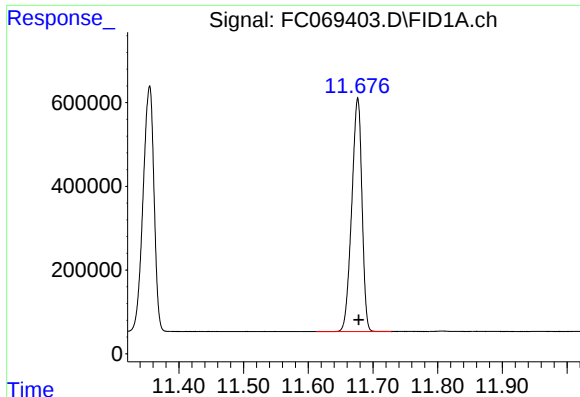
#7 n-Hexadecane (C16)

R.T.: 9.908 min
Delta R.T.: -0.002 min
Response: 7011495
Conc: 42.91 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.354 min
Delta R.T.: -0.001 min
Response: 6880595
Conc: 42.14 ug/ml



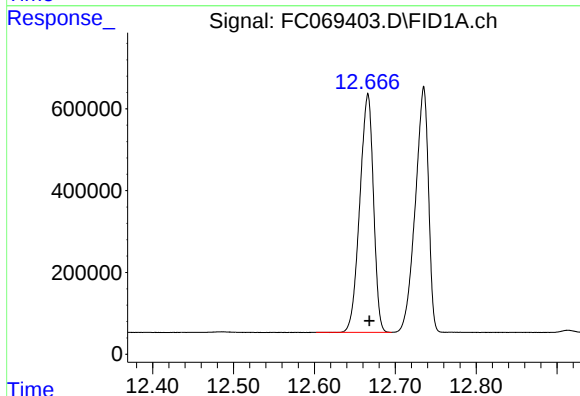
#9 ortho-Terphenyl (SURR)

R.T.: 11.676 min
Delta R.T.: -0.002 min
Response: 6138977
Conc: 35.53 ug/ml

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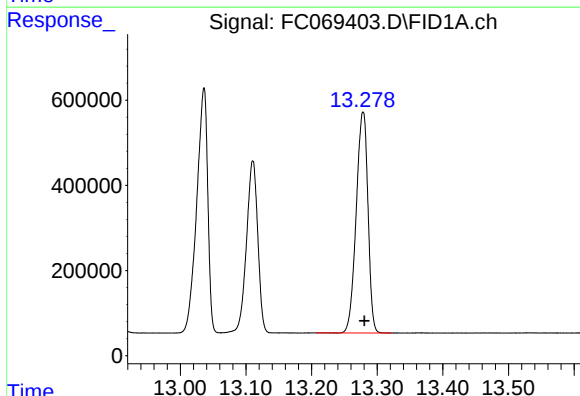
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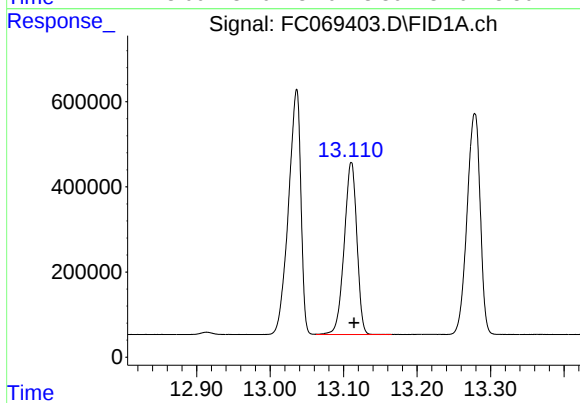
#10 n-Eicosane (C20)

R.T.: 12.666 min
Delta R.T.: -0.002 min
Response: 6843160
Conc: 44.83 ug/ml



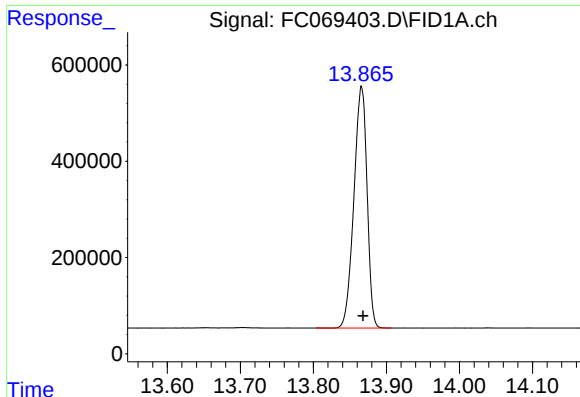
#11 n-Heneicosane (C21)

R.T.: 13.278 min
Delta R.T.: -0.002 min
Response: 6452733
Conc: 43.78 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.110 min
Delta R.T.: -0.004 min
Response: 4838575
Conc: 37.04 ug/ml



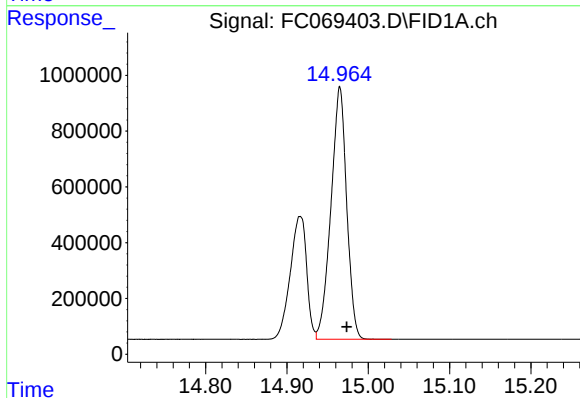
#13 n-Docosane (C22)

R.T.: 13.866 min
Delta R.T.: -0.002 min
Response: 6283642
Conc: 43.67 ug/ml

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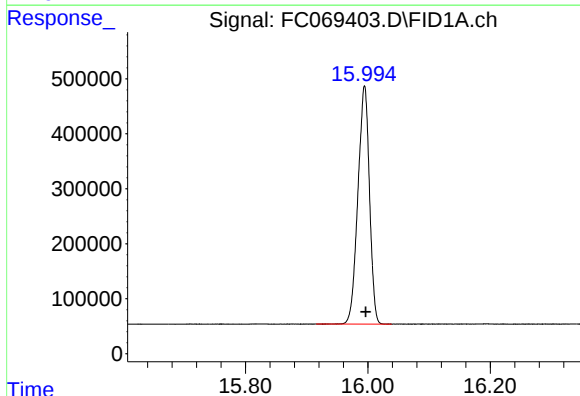
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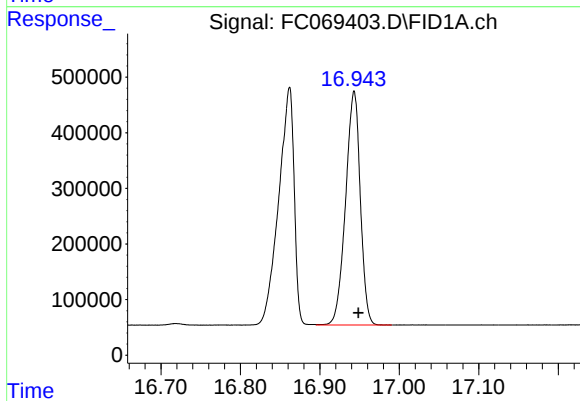
#14 n-Tetracosane (C24)

R.T.: 14.965 min
Delta R.T.: -0.009 min
Response: 12165657
Conc: 88.20 ug/ml



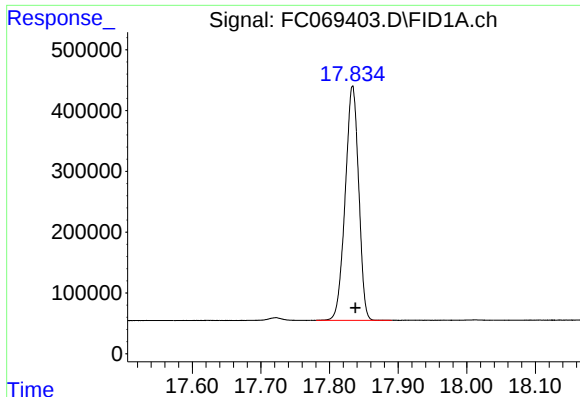
#15 n-Hexacosane (C26)

R.T.: 15.994 min
Delta R.T.: -0.002 min
Response: 5683172
Conc: 43.47 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.943 min
Delta R.T.: -0.006 min
Response: 5411090
Conc: 43.88 ug/ml



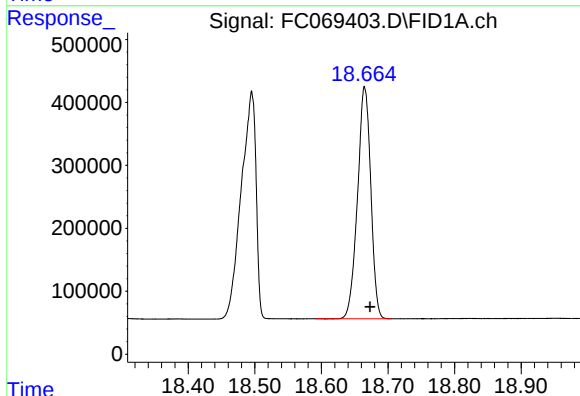
#17 n-Tricontane (C30)

R.T.: 17.834 min
Delta R.T.: -0.004 min
Response: 5252968
Conc: 44.19 ug/ml

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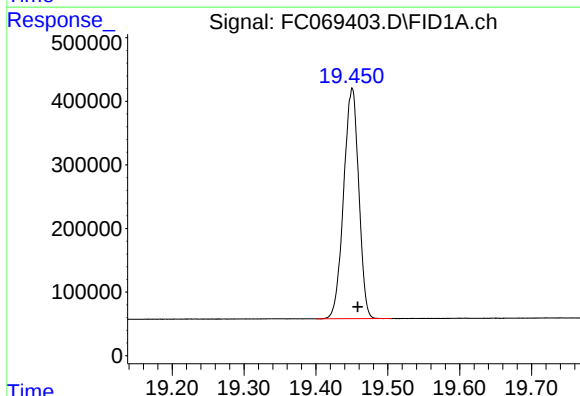
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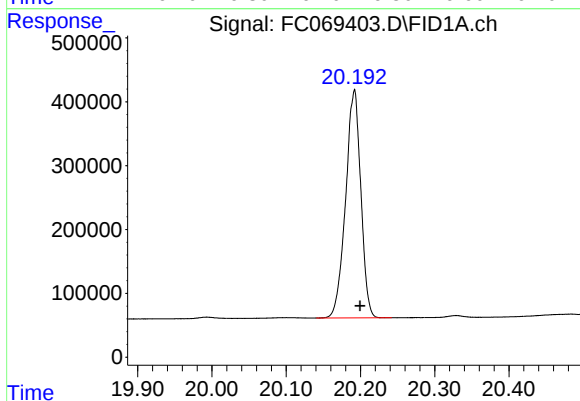
#18 n-Dotriacontane (C32)

R.T.: 18.665 min
Delta R.T.: -0.008 min
Response: 5105665
Conc: 46.70 ug/ml



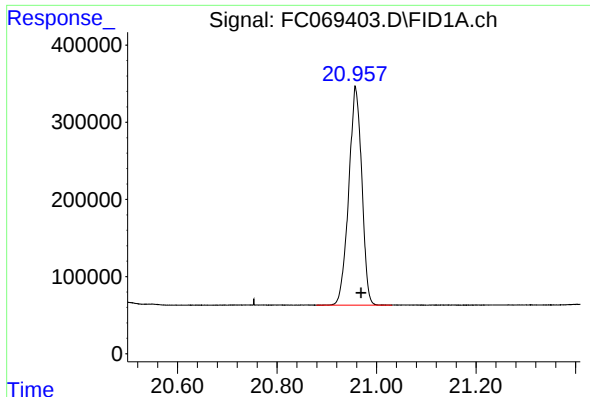
#19 n-Tetratriacontane (C34)

R.T.: 19.450 min
Delta R.T.: -0.008 min
Response: 5293194
Conc: 54.81 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.191 min
Delta R.T.: -0.008 min
Response: 5079294
Conc: 61.63 ug/ml



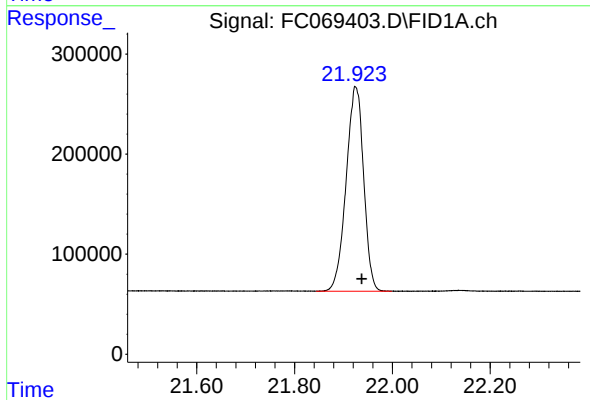
#21 n-Octatriacontane (C38)

R.T.: 20.958 min
Delta R.T.: -0.011 min
Response: 5147643
Conc: 68.88 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.923 min
Delta R.T.: -0.015 min
Response: 5079903
Conc: 71.73 ug/ml m