

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070825AL\
 Data File : FC069391.D
 Signal(s) : FID1A.ch
 Acq On : 08 Jul 2025 14:03
 Operator : YP/AJ
 Sample : PB168752BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168752BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2025
 Supervised By :mohammad ahmed 07/10/2025

Integration File: autoint1.e
 Quant Time: Jul 09 04:44:09 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	6215634	35.979 ug/ml
Spiked Amount 50.000		Recovery =	71.96%
12) S 1-chlorooctadecane (S...	13.111	4833044	36.995 ug/ml
Spiked Amount 50.000		Recovery =	73.99%
Target Compounds			
1) T n-Nonane (C9)	3.423	6225488	43.774 ug/ml
2) T n-Decane (C10)	4.487	6617977	45.206 ug/ml
3) T A~Naphthalene (C11.7)	6.077	8150629	50.658 ug/ml
4) T n-Dodecane (C12)	6.505	6835333	45.140 ug/ml
5) T A~2-methylnaphthalene...	7.135	7522852	47.538 ug/ml
6) T n-Tetradecane (C14)	8.305	6817236	43.981 ug/ml
7) T n-Hexadecane (C16)	9.909	6745030	41.275 ug/ml
8) T n-Octadecane (C18)	11.354	6472514	39.643 ug/ml
10) T n-Eicosane (C20)	12.665	6345563	41.572 ug/ml
11) T n-Heneicosane (C21)	13.278	5945050	40.335 ug/ml
13) T n-Docosane (C22)	13.865	5751260	39.972 ug/ml
14) T n-Tetracosane (C24)	14.964	10978787	79.596 ug/ml
15) T n-Hexacosane (C26)	15.995	5101038	39.022 ug/ml
16) T n-Octacosane (C28)	16.943	4825233	39.125 ug/ml
17) T n-Tricontane (C30)	17.835	4652656	39.136 ug/ml
18) T n-Dotriacontane (C32)	18.666	4468134	40.866 ug/ml
19) T n-Tetratriacontane (C34)	19.451	4469331	46.282 ug/ml
20) T n-Hexatriacontane (C36)	20.192	3897010	47.287 ug/ml
21) T n-Octatriacontane (C38)	20.958	3436435	45.984 ug/ml
22) T n-Tetracontane (C40)	21.924	3003446	42.412 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB168752BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

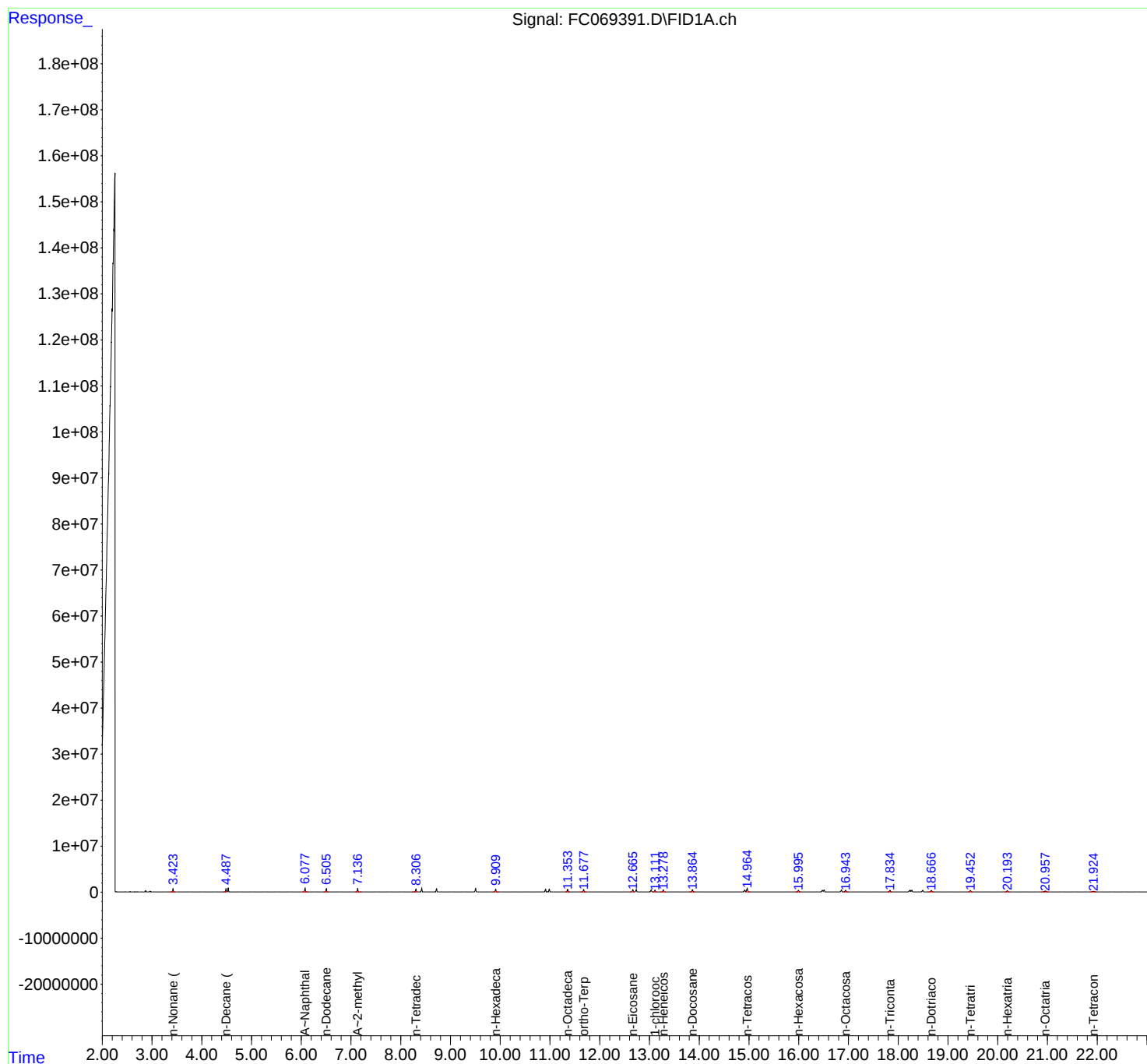
Instrument :
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PB168752BSD

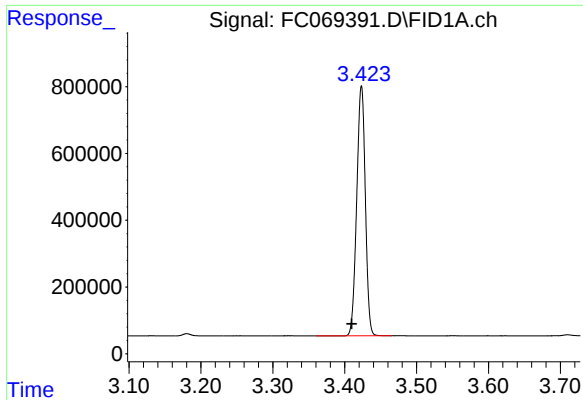
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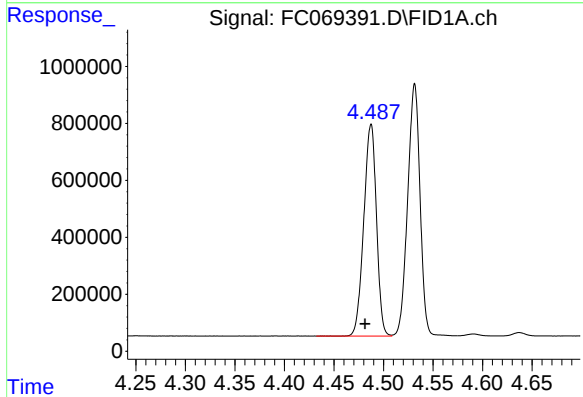
#1 n-Nonane (C9)

R.T.: 3.423 min
Delta R.T.: 0.013 min
Response: 6225488
Conc: 43.77 ug/ml

Instrument :
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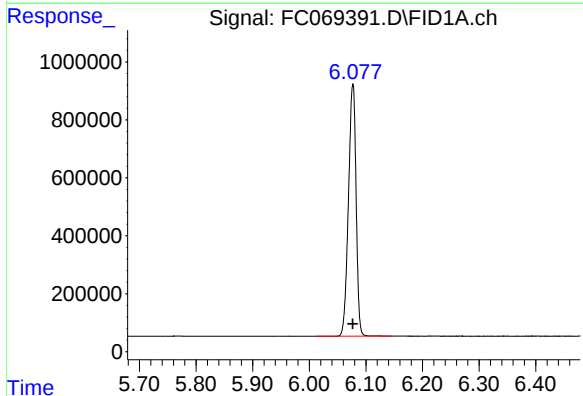
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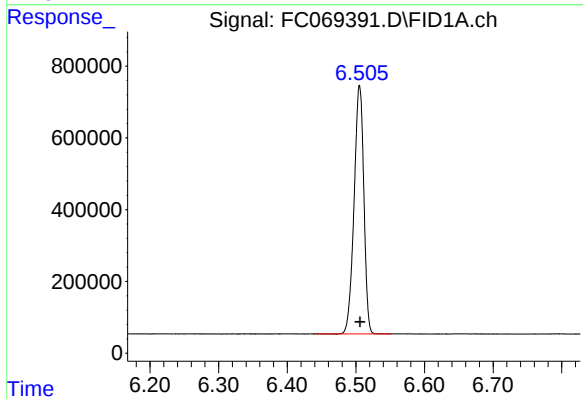
#2 n-Decane (C10)

R.T.: 4.487 min
Delta R.T.: 0.006 min
Response: 6617977
Conc: 45.21 ug/ml



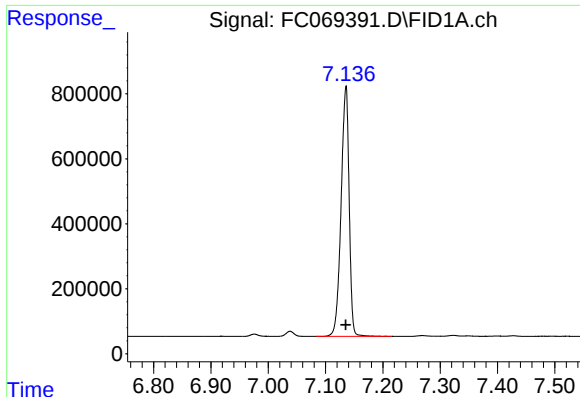
#3 A~Naphthalene (C11.7)

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 8150629
Conc: 50.66 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.505 min
Delta R.T.: 0.000 min
Response: 6835333
Conc: 45.14 ug/ml



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

R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 7522852
Conc: 47.54 ug/ml

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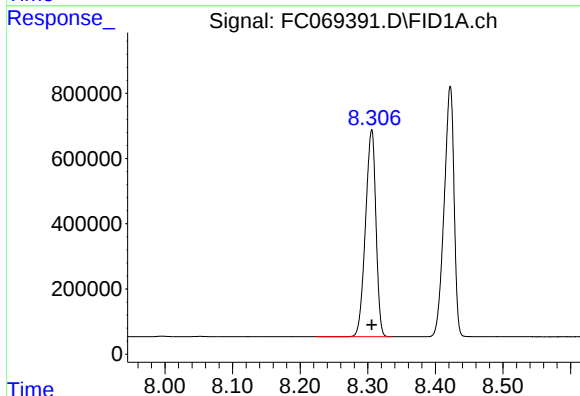
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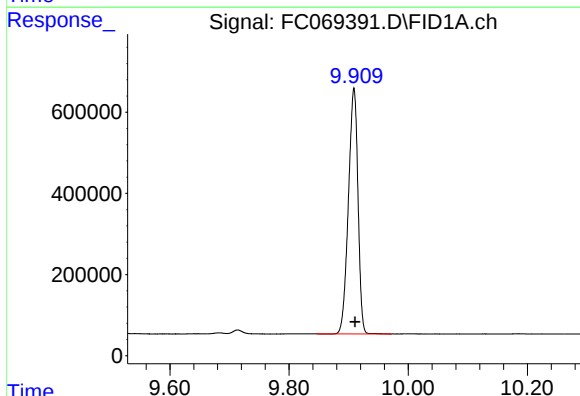
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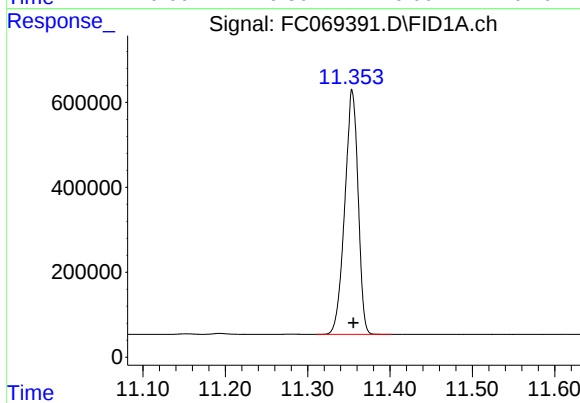
#6 n-Tetradecane (C14)

R.T.: 8.305 min
Delta R.T.: 0.000 min
Response: 6817236
Conc: 43.98 ug/ml



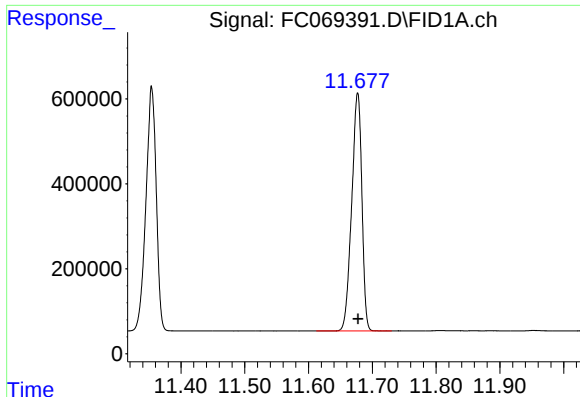
#7 n-Hexadecane (C16)

R.T.: 9.909 min
Delta R.T.: -0.002 min
Response: 6745030
Conc: 41.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.354 min
Delta R.T.: -0.001 min
Response: 6472514
Conc: 39.64 ug/ml



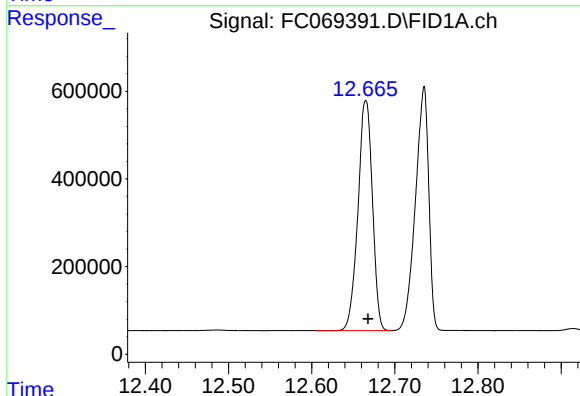
#9 ortho-Terphenyl (SURR)

R.T.: 11.677 min
Delta R.T.: 0.000 min
Response: 6215634
Conc: 35.98 ug/ml

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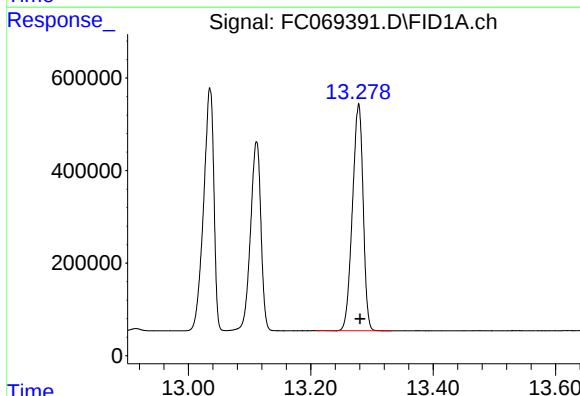
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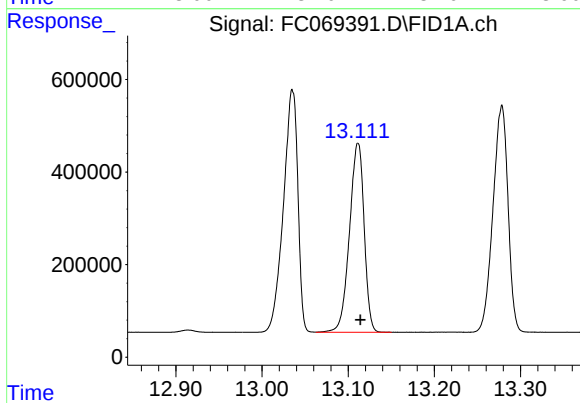
#10 n-Eicosane (C20)

R.T.: 12.665 min
Delta R.T.: -0.003 min
Response: 6345563
Conc: 41.57 ug/ml



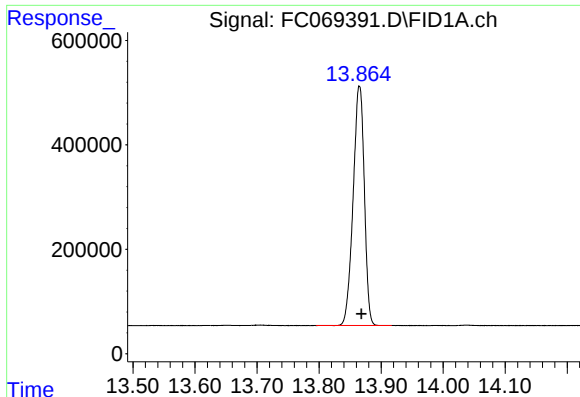
#11 n-Heneicosane (C21)

R.T.: 13.278 min
Delta R.T.: -0.003 min
Response: 5945050
Conc: 40.33 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.111 min
Delta R.T.: -0.003 min
Response: 4833044
Conc: 36.99 ug/ml



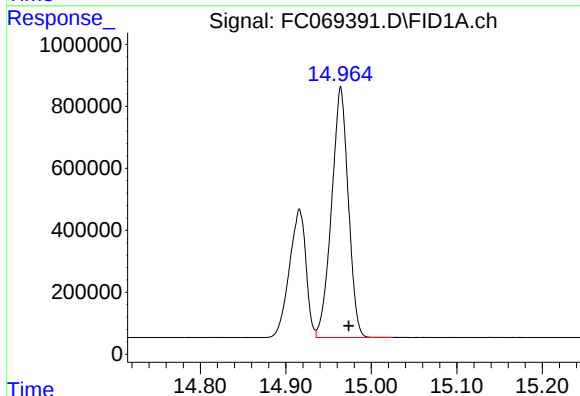
#13 n-Docosane (C22)

R.T.: 13.865 min
Delta R.T.: -0.003 min
Response: 5751260
Conc: 39.97 ug/ml

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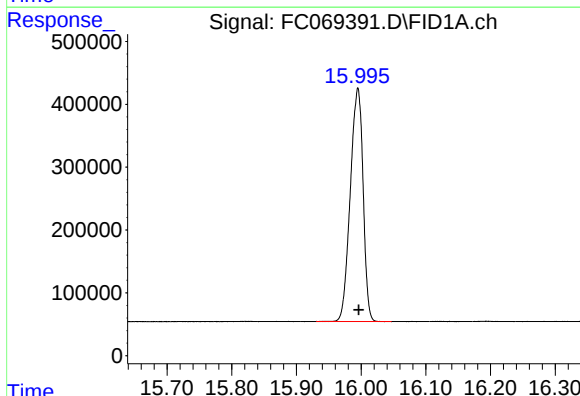
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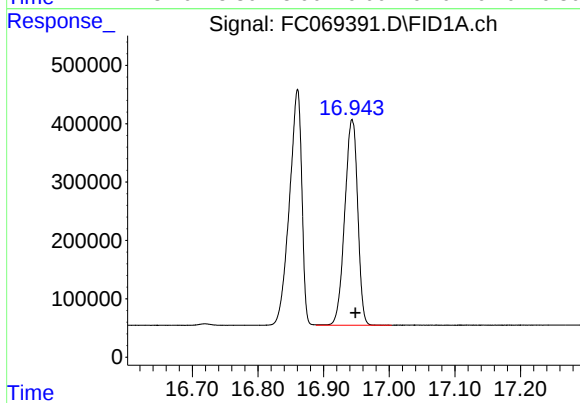
#14 n-Tetracosane (C24)

R.T.: 14.964 min
Delta R.T.: -0.009 min
Response: 10978787
Conc: 79.60 ug/ml



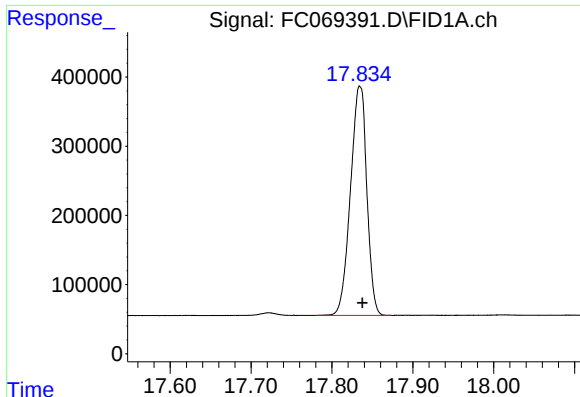
#15 n-Hexacosane (C26)

R.T.: 15.995 min
Delta R.T.: -0.002 min
Response: 5101038
Conc: 39.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.943 min
Delta R.T.: -0.005 min
Response: 4825233
Conc: 39.12 ug/ml



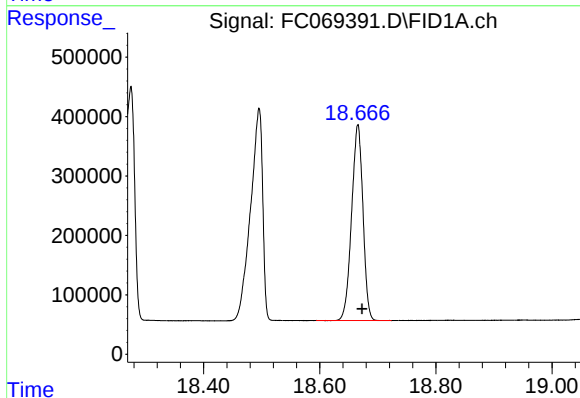
#17 n-Tricontane (C30)

R.T.: 17.835 min
Delta R.T.: -0.003 min
Response: 4652656
Conc: 39.14 ug/ml

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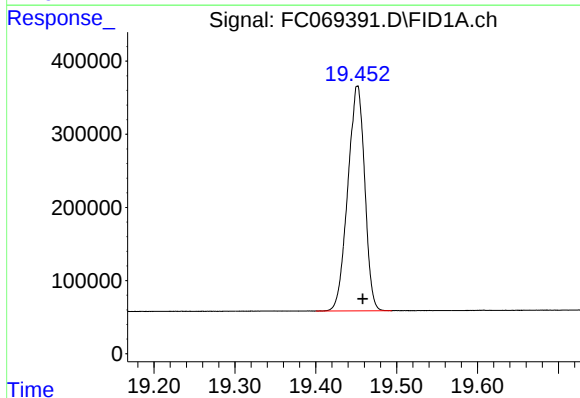
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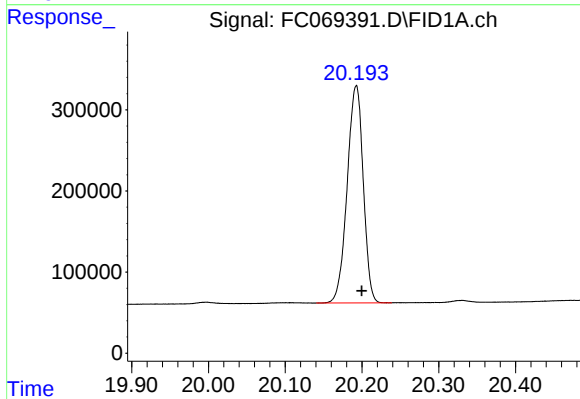
#18 n-Dotriacontane (C32)

R.T.: 18.666 min
Delta R.T.: -0.007 min
Response: 4468134
Conc: 40.87 ug/ml



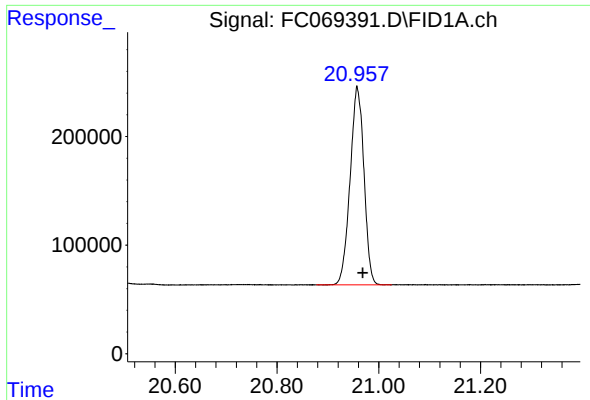
#19 n-Tetratriacontane (C34)

R.T.: 19.451 min
Delta R.T.: -0.007 min
Response: 4469331
Conc: 46.28 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.192 min
Delta R.T.: -0.007 min
Response: 3897010
Conc: 47.29 ug/ml



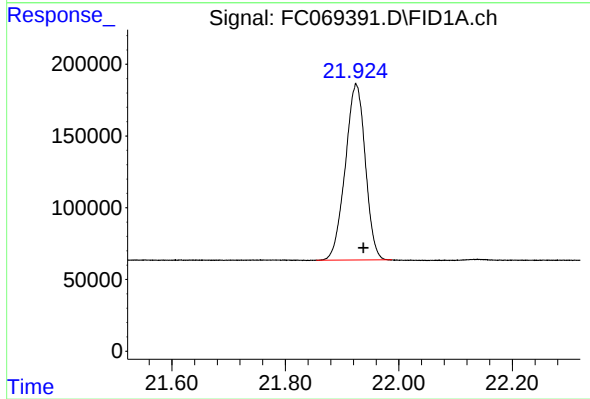
#21 n-Octatriacontane (C38)

R.T.: 20.958 min
Delta R.T.: -0.011 min
Response: 3436435
Conc: 45.98 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.924 min
Delta R.T.: -0.014 min
Response: 3003446
Conc: 42.41 ug/ml m