

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080125AL\
 Data File : FC069568.D
 Signal(s) : FID1A.ch
 Acq On : 01 Aug 2025 18:02
 Operator : YP/AJ
 Sample : Q2740-01MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 OR-02-07312025MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/04/2025
 Supervised By :mohammad ahmed 08/05/2025

Integration File: autoint1.e
 Quant Time: Aug 01 23:05:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 14:14:17 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)	11.673	3995369	26.781 ug/ml
Spiked Amount 50.000		Recovery =	53.56%
12) S 1-chlorooctadecane (S...	13.109	3621395	33.217 ug/ml
Spiked Amount 50.000		Recovery =	66.43%
Target Compounds			
1) T n-Nonane (C9)	3.404	2938853	20.628 ug/ml
2) T n-Decane (C10)	4.477	3237624	22.270 ug/ml
3) T A~Naphthalene (C11.7)	6.072	3914467	25.228 ug/ml
4) T n-Dodecane (C12)	6.501	3475775	23.777 ug/ml
5) T A~2-methylnaphthalene...	7.132	3698680	25.114 ug/ml
6) T n-Tetradecane (C14)	8.301	3629203	25.430 ug/ml
7) T n-Hexadecane (C16)	9.905	3839059	26.631 ug/ml
8) T n-Octadecane (C18)	11.351	3578676	25.307 ug/ml
10) T n-Eicosane (C20)	12.663	3859081	29.296 ug/ml
11) T n-Heneicosane (C21)	13.275	3565289	27.954 ug/ml
13) T n-Docosane (C22)	13.862	3542696	28.360 ug/ml
14) T n-Tetracosane (C24)	14.964	7562088	62.667 ug/ml
15) T n-Hexacosane (C26)	15.993	3248516	28.113 ug/ml
16) T n-Octacosane (C28)	16.944	3550336	31.674 ug/ml
17) T n-Tricontane (C30)	17.835	3165628	27.648 ug/ml
18) T n-Dotriacontane (C32)	18.668	2972756	26.762 ug/mlm
19) T n-Tetratriacontane (C34)	19.454	3029804	29.755 ug/ml
20) T n-Hexatriacontane (C36)	20.195	3107218	34.848 ug/mlm
21) T n-Octatriacontane (C38)	20.964	3090888	38.424 ug/mlm
22) T n-Tetracontane (C40)	21.931	2777593	37.093 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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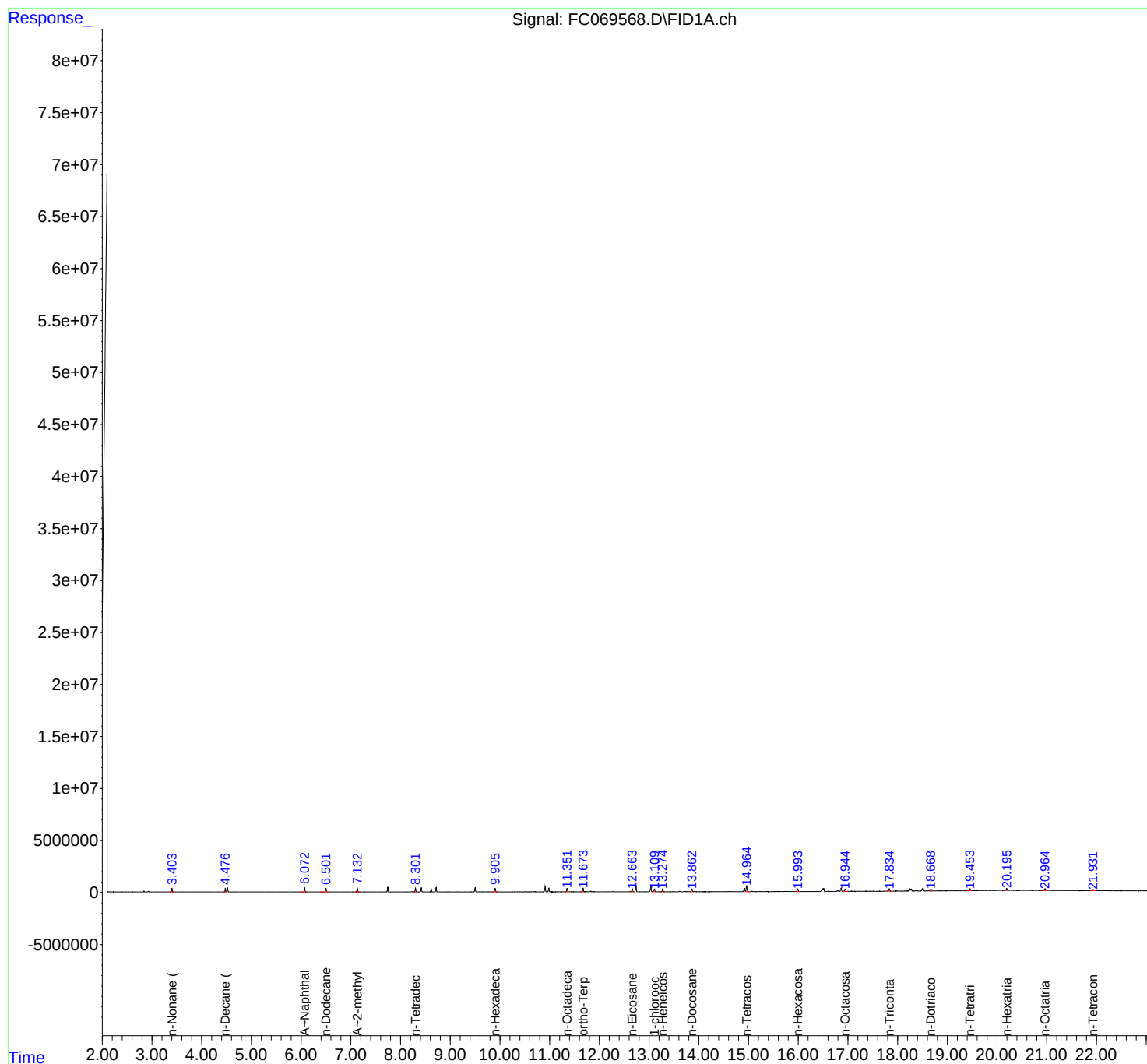
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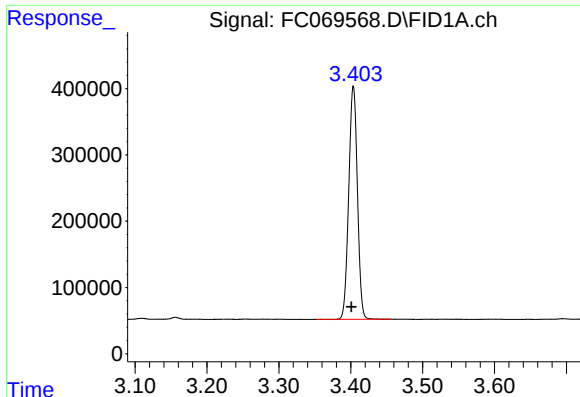
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#1 n-Nonane (C9)

R.T.: 3.404 min
Delta R.T.: 0.003 min
Response: 2938853
Conc: 20.63 ug/ml

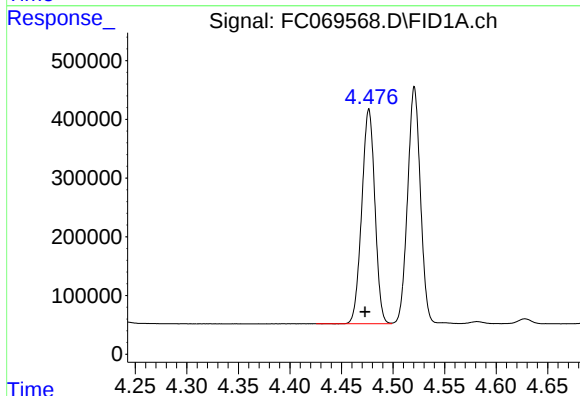
Instrument :

FID_C

ClientSampleId :
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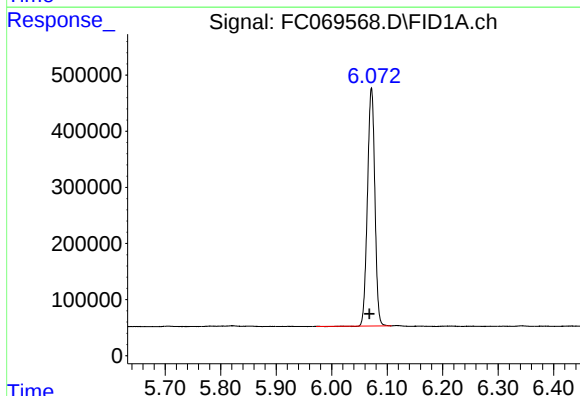
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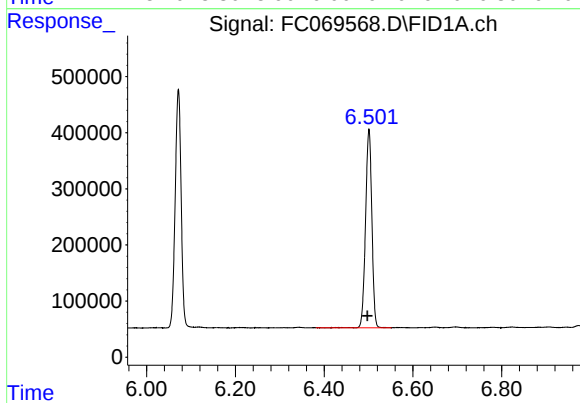
#2 n-Decane (C10)

R.T.: 4.477 min
Delta R.T.: 0.004 min
Response: 3237624
Conc: 22.27 ug/ml



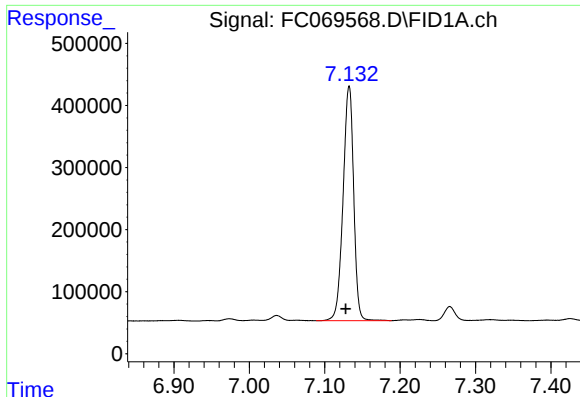
#3 A~Naphthalene (C11.7)

R.T.: 6.072 min
Delta R.T.: 0.003 min
Response: 3914467
Conc: 25.23 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.501 min
Delta R.T.: 0.004 min
Response: 3475775
Conc: 23.78 ug/ml



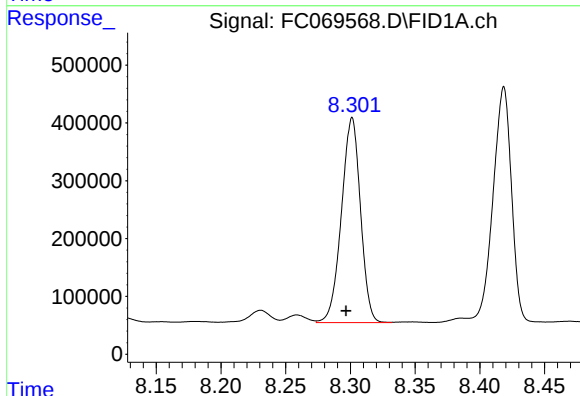
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.132 min
Delta R.T.: 0.004 min
Response: 3698680
Conc: 25.11 ug/ml

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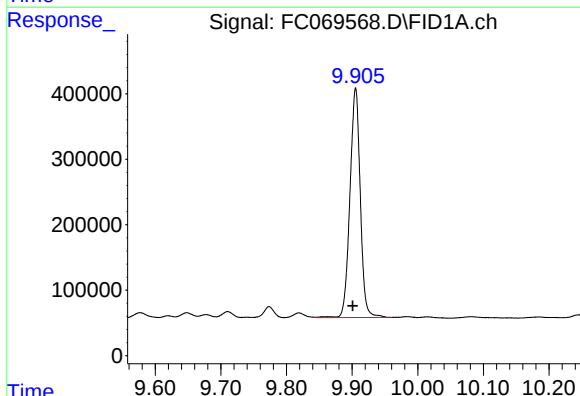
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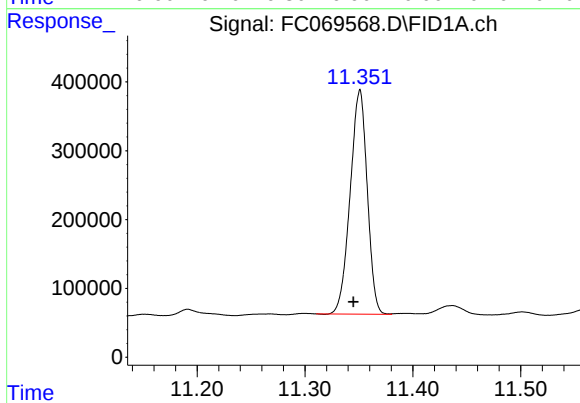
#6 n-Tetradecane (C14)

R.T.: 8.301 min
Delta R.T.: 0.005 min
Response: 3629203
Conc: 25.43 ug/ml



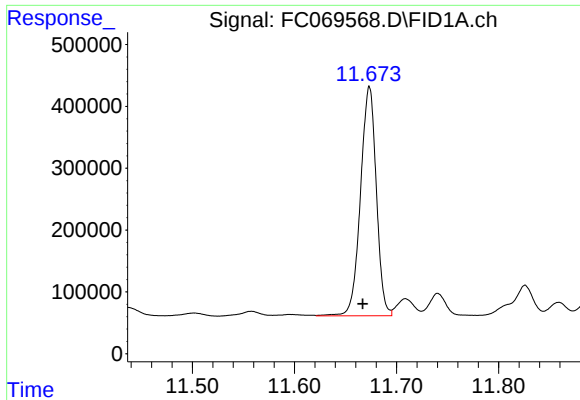
#7 n-Hexadecane (C16)

R.T.: 9.905 min
Delta R.T.: 0.004 min
Response: 3839059
Conc: 26.63 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.351 min
Delta R.T.: 0.006 min
Response: 3578676
Conc: 25.31 ug/ml



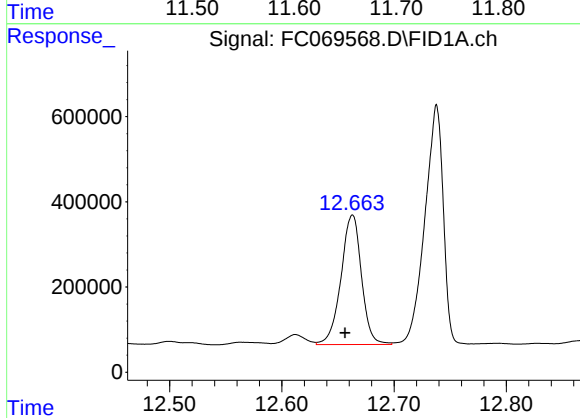
#9 ortho-Terphenyl (SURR)

R.T.: 11.673 min
Delta R.T.: 0.006 min
Response: 3995369
Conc: 26.78 ug/ml

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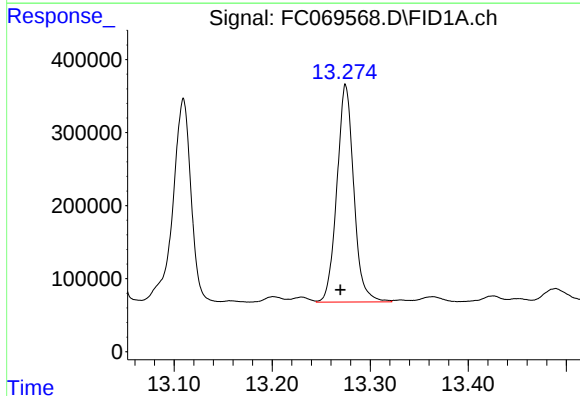
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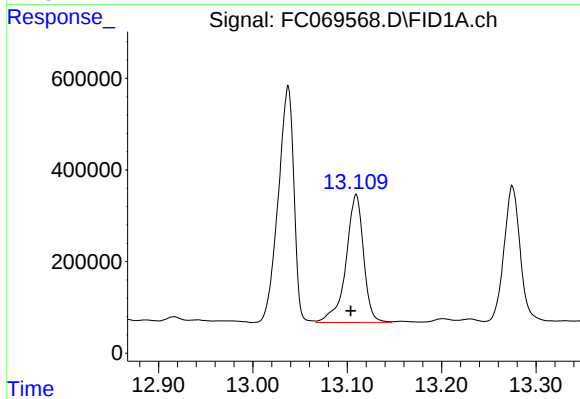
#10 n-Eicosane (C20)

R.T.: 12.663 min
Delta R.T.: 0.006 min
Response: 3859081
Conc: 29.30 ug/ml



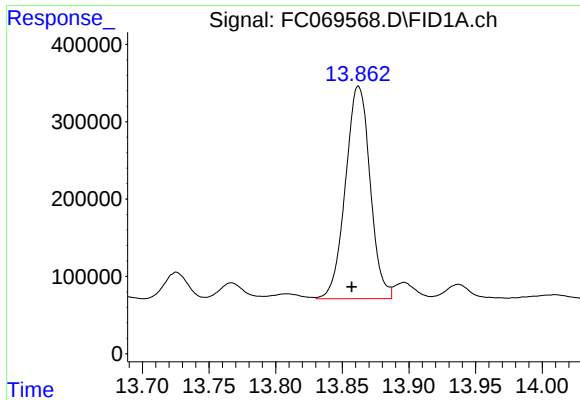
#11 n-Heneicosane (C21)

R.T.: 13.275 min
Delta R.T.: 0.005 min
Response: 3565289
Conc: 27.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.109 min
Delta R.T.: 0.006 min
Response: 3621395
Conc: 33.22 ug/ml



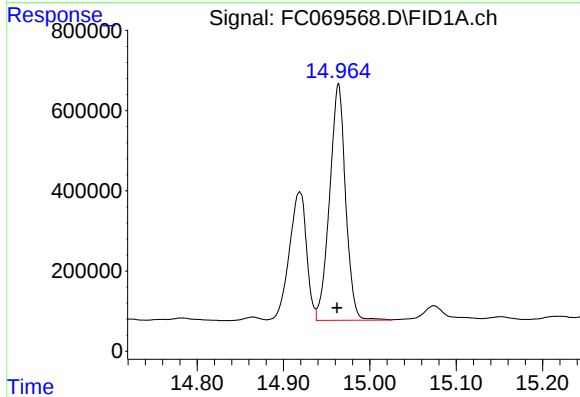
#13 n-Docosane (C22)

R.T.: 13.862 min
Delta R.T.: 0.005 min
Response: 3542696
Conc: 28.36 ug/ml

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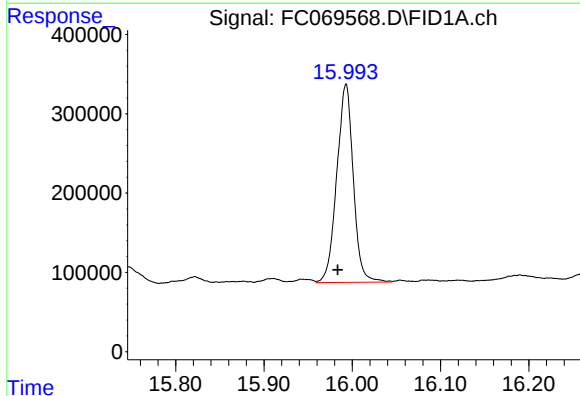
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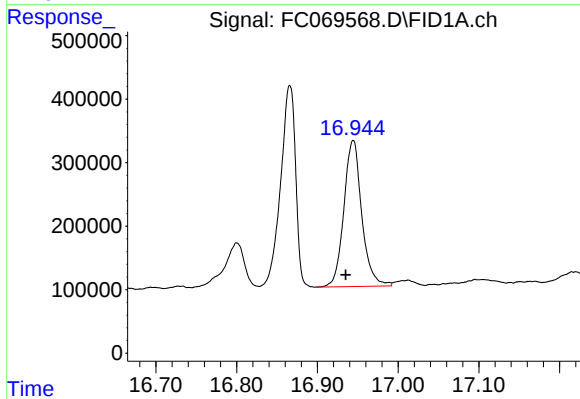
#14 n-Tetracosane (C24)

R.T.: 14.964 min
Delta R.T.: 0.001 min
Response: 7562088
Conc: 62.67 ug/ml



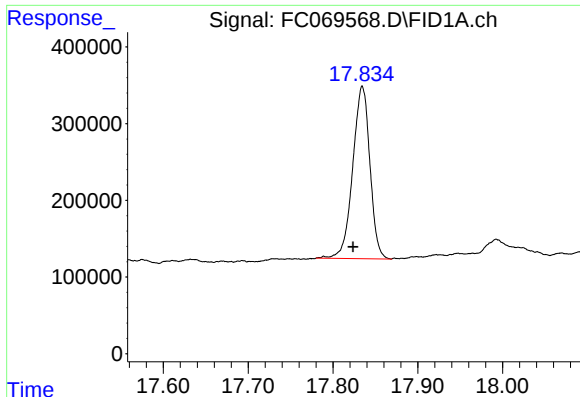
#15 n-Hexacosane (C26)

R.T.: 15.993 min
Delta R.T.: 0.009 min
Response: 3248516
Conc: 28.11 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.944 min
Delta R.T.: 0.009 min
Response: 3550336
Conc: 31.67 ug/ml



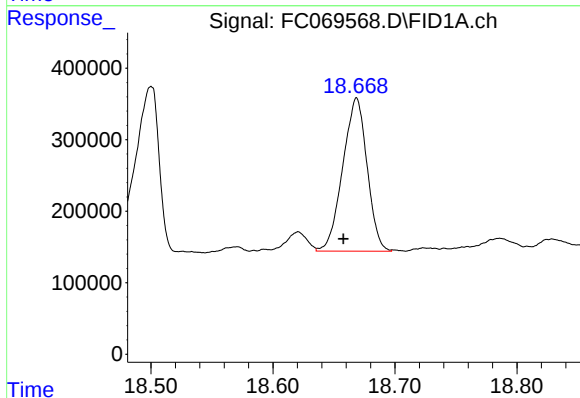
#17 n-Tricontane (C30)

R.T.: 17.835 min
Delta R.T.: 0.011 min
Response: 3165628
Conc: 27.65 ug/ml

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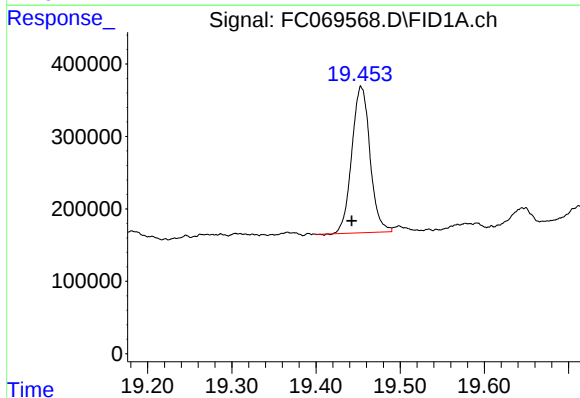
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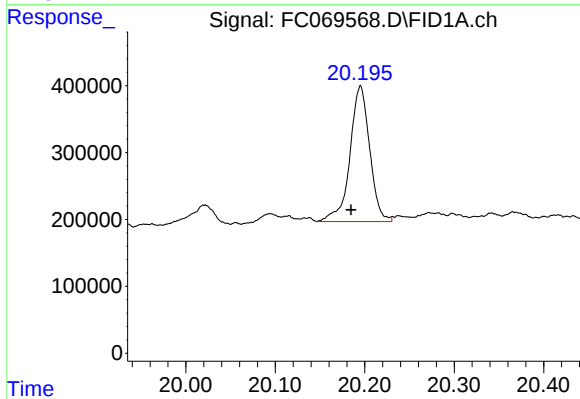
#18 n-Dotriacontane (C32)

R.T.: 18.668 min
Delta R.T.: 0.010 min
Response: 2972756
Conc: 26.76 ug/ml m



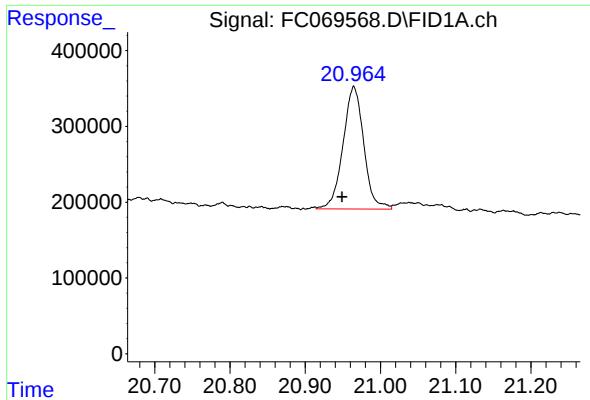
#19 n-Tetratriacontane (C34)

R.T.: 19.454 min
Delta R.T.: 0.011 min
Response: 3029804
Conc: 29.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.195 min
Delta R.T.: 0.010 min
Response: 3107218
Conc: 34.85 ug/ml m



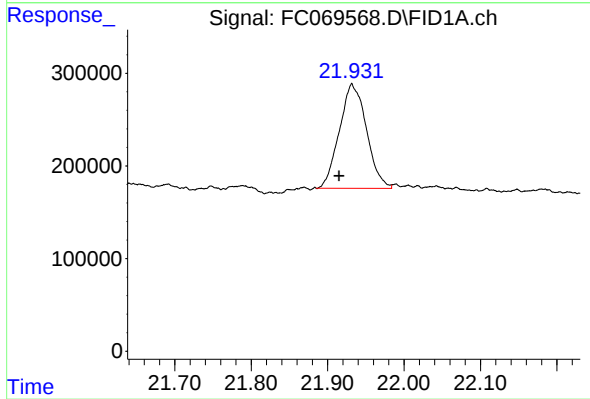
#21 n-Octatriacontane (C38)

R.T.: 20.964 min
Delta R.T.: 0.015 min
Response: 3090888
Conc: 38.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.931 min
Delta R.T.: 0.016 min
Response: 2777593
Conc: 37.09 ug/ml m