

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082825AL\
 Data File : FC069782.D
 Signal(s) : FID1A.ch
 Acq On : 29 Aug 2025 00:42
 Operator : YP/AJ
 Sample : Q2960-01MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SU-03-08262025MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2025
 Supervised By :mohammad ahmed 08/30/2025

Integration File: sample.E
 Quant Time: Aug 29 01:25:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 27 12:11:00 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)	11.668	4268293	32.962 ug/ml
Spiked Amount 50.000		Recovery =	65.92%
12) S 1-chlorooctadecane (S...	13.103	3501210	36.591 ug/ml
Spiked Amount 50.000		Recovery =	73.18%
Target Compounds			
1) T n-Nonane (C9)	3.402	3878065	30.934 ug/ml
2) T n-Decane (C10)	4.473	4411512	34.621 ug/ml
3) T A~Naphthalene (C11.7)	6.067	5375427	39.959 ug/ml
4) T n-Dodecane (C12)	6.497	4947329	38.610 ug/ml
5) T A~2-methylnaphthalene...	7.127	5178417	40.434 ug/ml
6) T n-Tetradecane (C14)	8.297	5317060	41.690 ug/ml
7) T n-Hexadecane (C16)	9.900	5456618	42.253 ug/ml
8) T n-Octadecane (C18)	11.345	5265503	41.996 ug/ml
10) T n-Eicosane (C20)	12.658	5347988	46.074 ug/ml
11) T n-Heneicosane (C21)	13.271	5074077	45.377 ug/ml
13) T n-Docosane (C22)	13.859	5024129	46.038 ug/ml
14) T n-Tetracosane (C24)	14.960	9672057	92.226 ug/ml
15) T n-Hexacosane (C26)	15.989	4465539	44.559 ug/mlm
16) T n-Octacosane (C28)	16.941	4570528	47.469 ug/ml
17) T n-Tricontane (C30)	17.833	4372485	45.465 ug/ml
18) T n-Dotriacontane (C32)	18.666	4302861	46.191 ug/ml
19) T n-Tetratriacontane (C34)	19.452	4160617	48.214 ug/mlm
20) T n-Hexatriacontane (C36)	20.195	4176491	54.746 ug/mlm
21) T n-Octatriacontane (C38)	20.967	4350432	61.863 ug/mlm
22) T n-Tetracontane (C40)	21.933	3881211	58.425 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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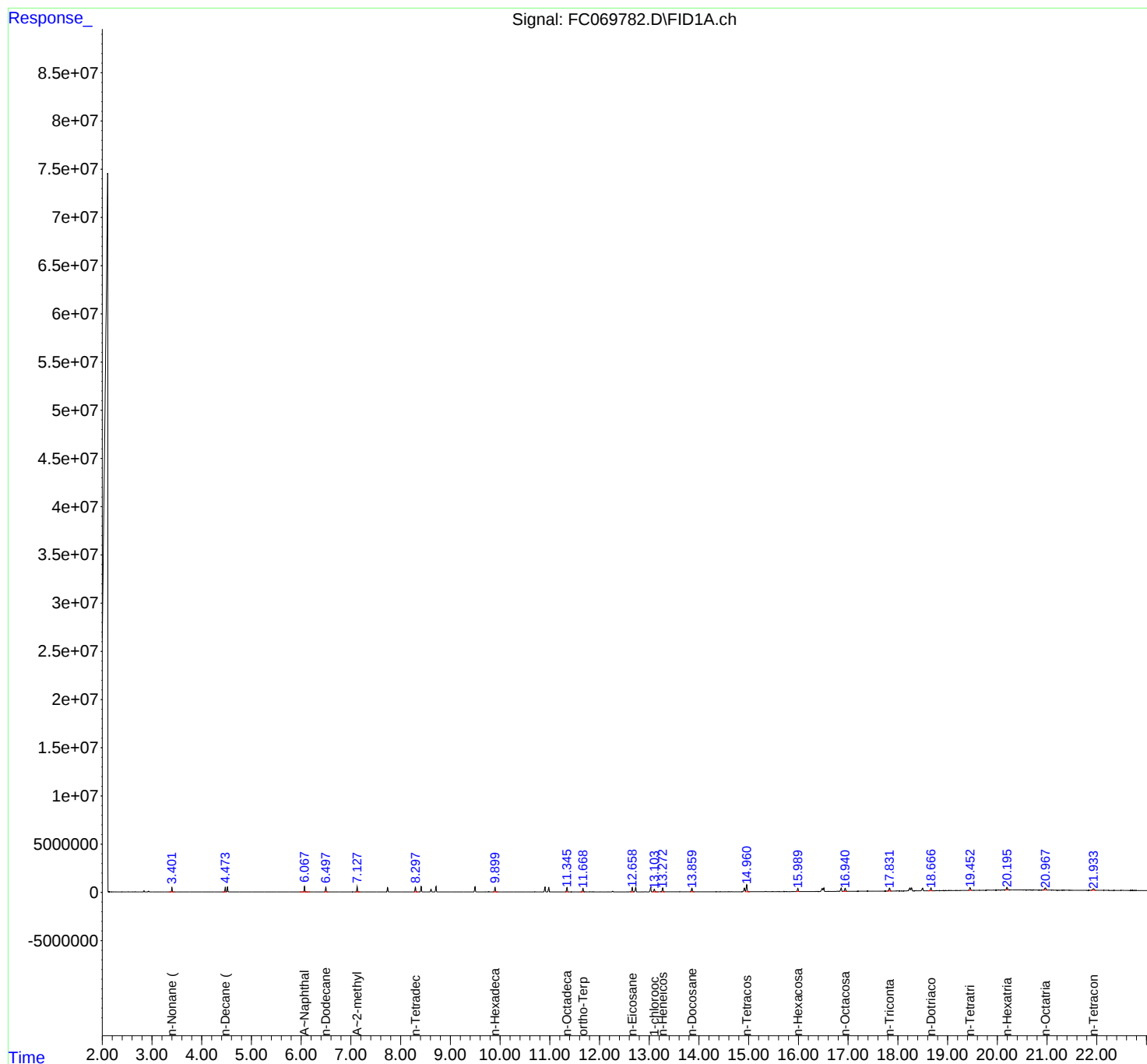
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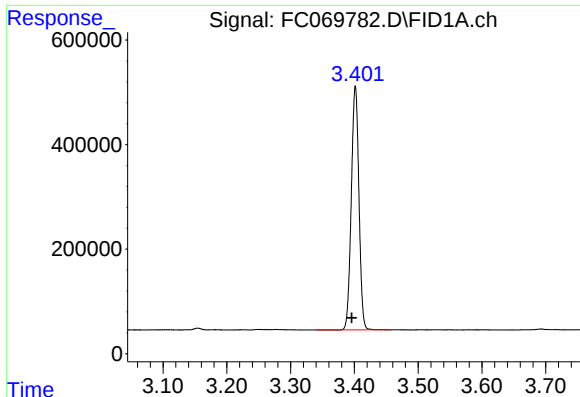
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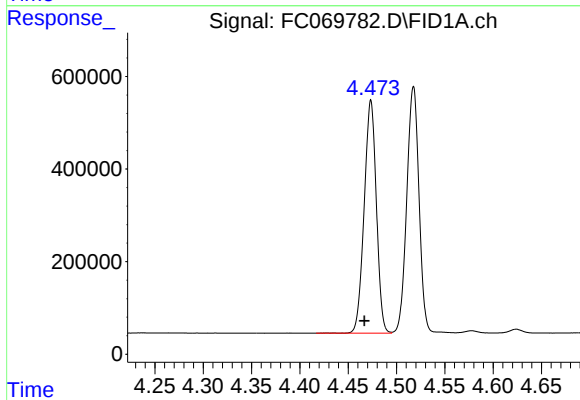
#1 n-Nonane (C9)

R.T.: 3.402 min
Delta R.T.: 0.006 min
Response: 3878065
Conc: 30.93 ug/ml

Instrument :
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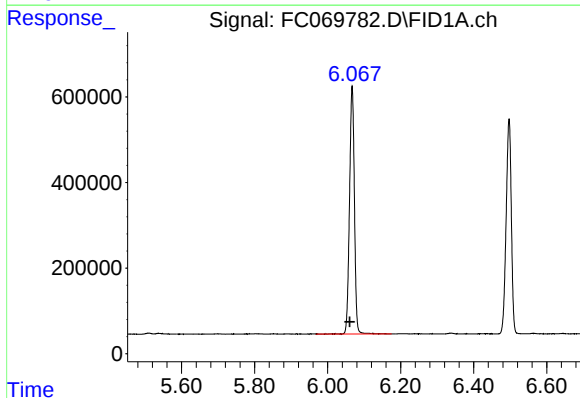
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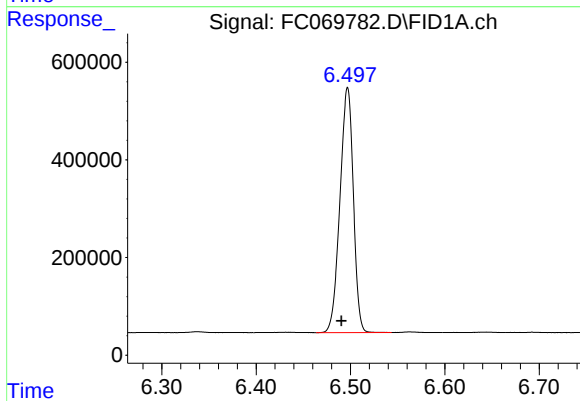
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: 0.007 min
Response: 4411512
Conc: 34.62 ug/ml



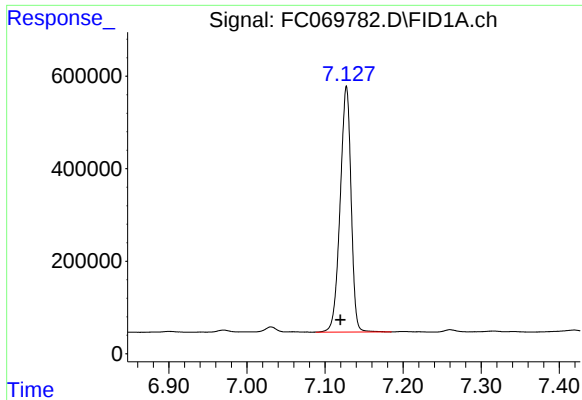
#3 A~Naphthalene (C11.7)

R.T.: 6.067 min
Delta R.T.: 0.006 min
Response: 5375427
Conc: 39.96 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.497 min
Delta R.T.: 0.007 min
Response: 4947329
Conc: 38.61 ug/ml



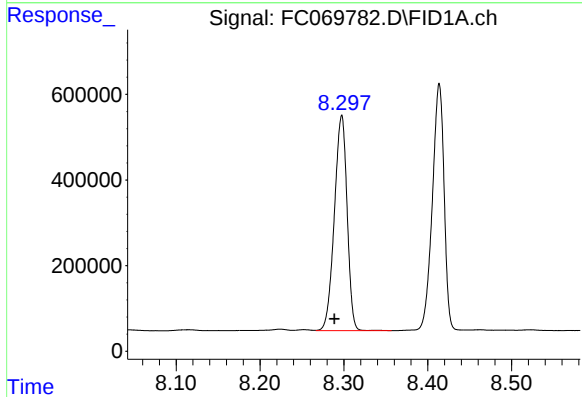
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.127 min
Delta R.T.: 0.008 min
Response: 5178417
Conc: 40.43 ug/ml

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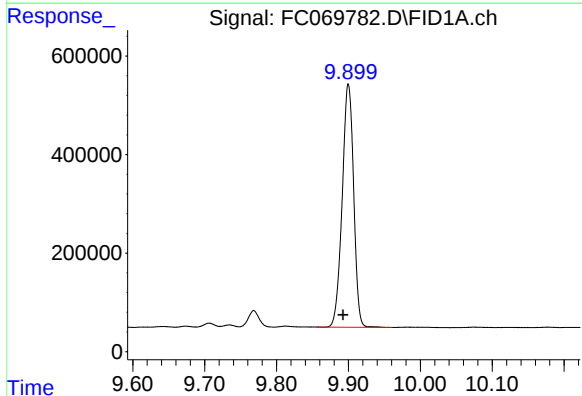
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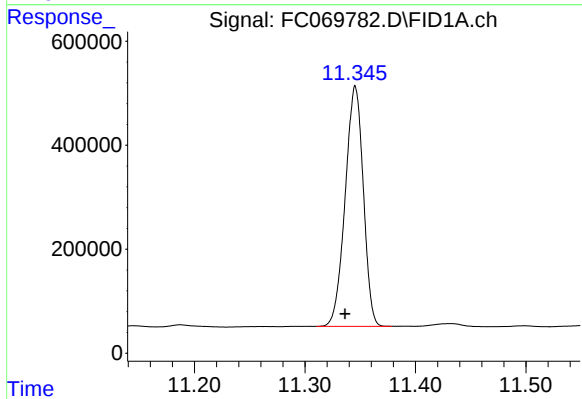
#6 n-Tetradecane (C14)

R.T.: 8.297 min
Delta R.T.: 0.008 min
Response: 5317060
Conc: 41.69 ug/ml



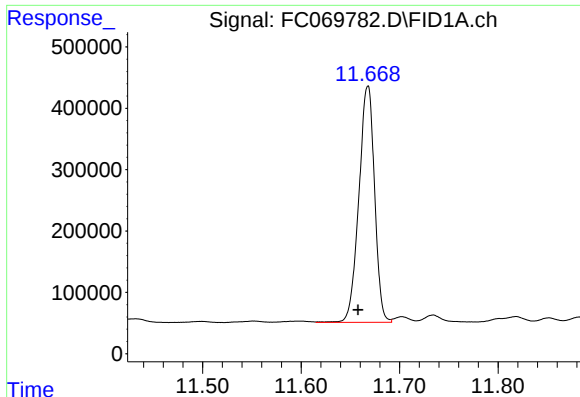
#7 n-Hexadecane (C16)

R.T.: 9.900 min
Delta R.T.: 0.008 min
Response: 5456618
Conc: 42.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.345 min
Delta R.T.: 0.009 min
Response: 5265503
Conc: 42.00 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.668 min
Delta R.T.: 0.010 min
Response: 4268293
Conc: 32.96 ug/ml

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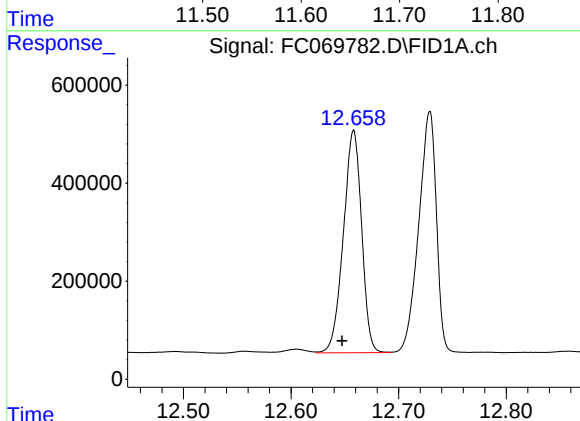
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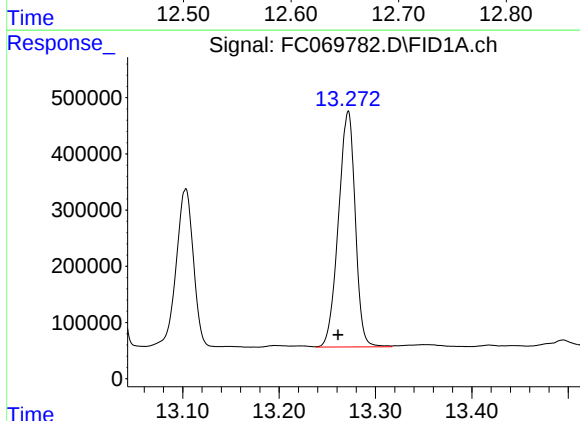
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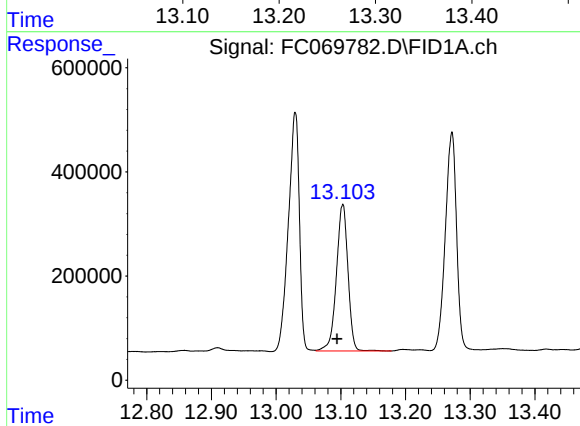
#10 n-Eicosane (C20)

R.T.: 12.658 min
Delta R.T.: 0.011 min
Response: 5347988
Conc: 46.07 ug/ml



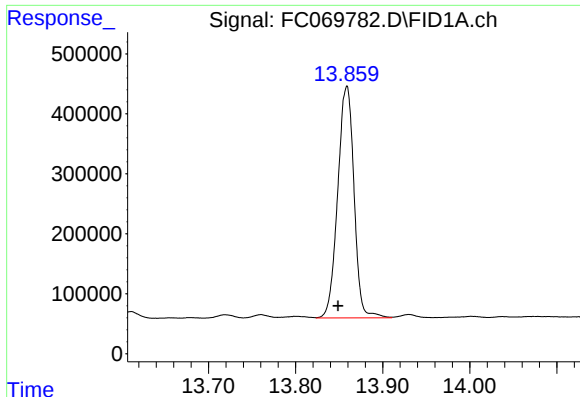
#11 n-Heneicosane (C21)

R.T.: 13.271 min
Delta R.T.: 0.010 min
Response: 5074077
Conc: 45.38 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.103 min
Delta R.T.: 0.009 min
Response: 3501210
Conc: 36.59 ug/ml



#13 n-Docosane (C22)

R.T.: 13.859 min
Delta R.T.: 0.010 min
Response: 5024129
Conc: 46.04 ug/ml

Instrument :

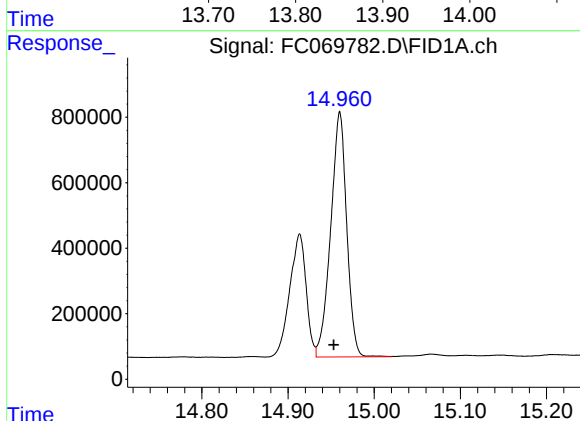
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ClientSampleId :

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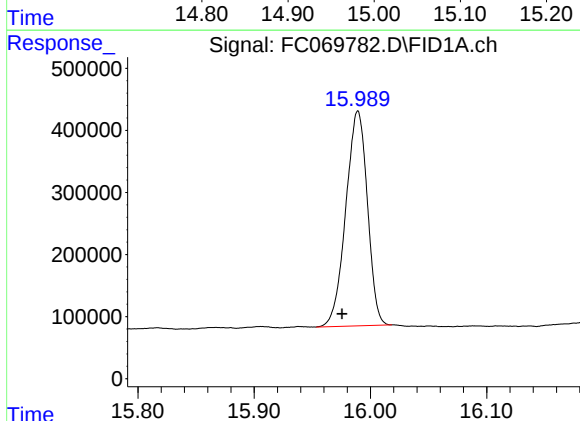
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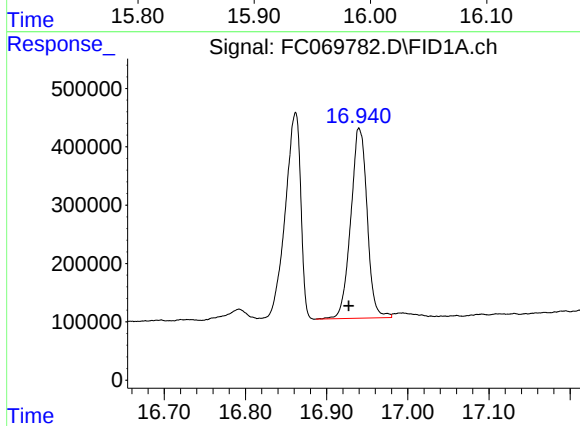
#14 n-Tetracosane (C24)

R.T.: 14.960 min
Delta R.T.: 0.007 min
Response: 9672057
Conc: 92.23 ug/ml



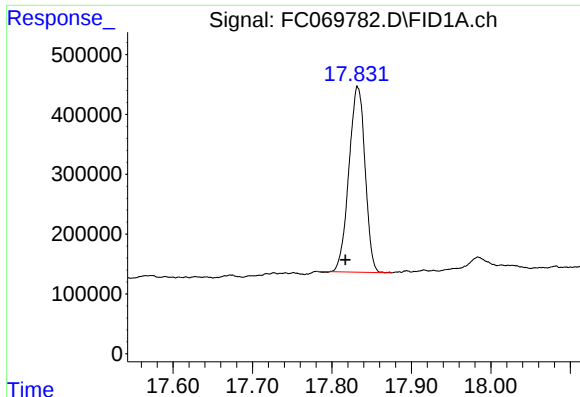
#15 n-Hexacosane (C26)

R.T.: 15.989 min
Delta R.T.: 0.013 min
Response: 4465539
Conc: 44.56 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.941 min
Delta R.T.: 0.013 min
Response: 4570528
Conc: 47.47 ug/ml



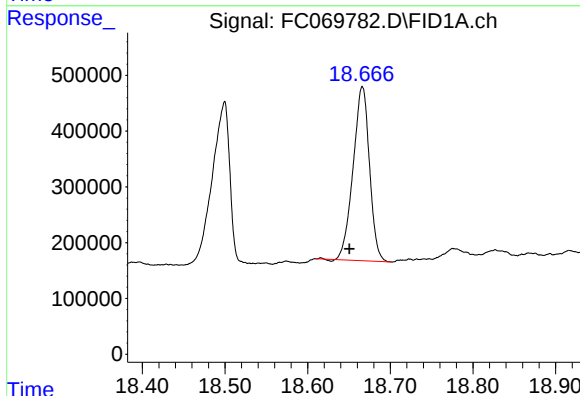
#17 n-Tricontane (C30)

R.T.: 17.833 min
Delta R.T.: 0.016 min
Response: 4372485
Conc: 45.47 ug/ml

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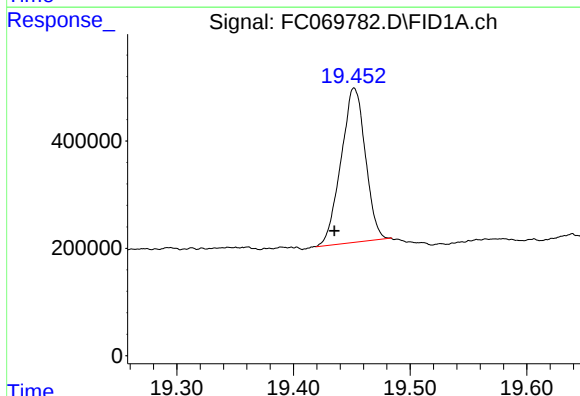
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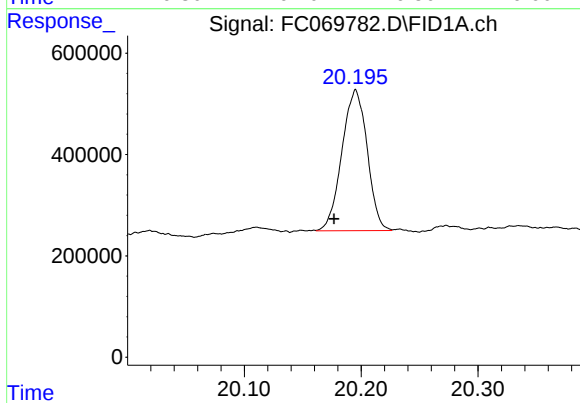
#18 n-Dotriacontane (C32)

R.T.: 18.666 min
Delta R.T.: 0.015 min
Response: 4302861
Conc: 46.19 ug/ml



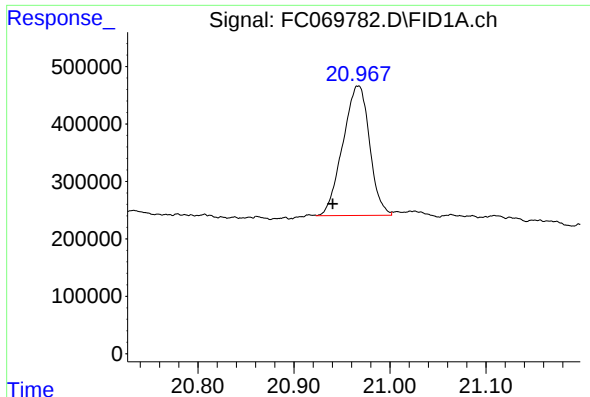
#19 n-Tetratriacontane (C34)

R.T.: 19.452 min
Delta R.T.: 0.016 min
Response: 4160617
Conc: 48.21 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.195 min
Delta R.T.: 0.018 min
Response: 4176491
Conc: 54.75 ug/ml m



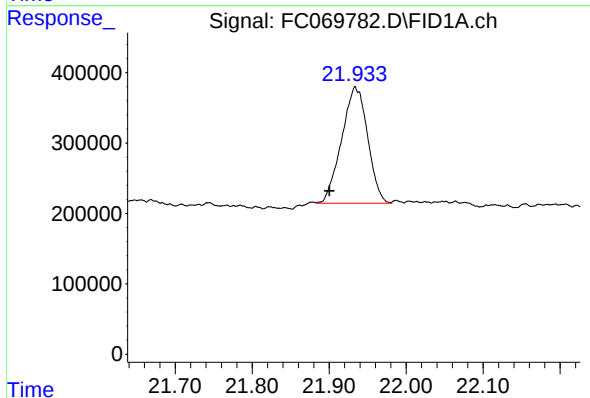
#21 n-Octatriacontane (C38)

R.T.: 20.967 min
Delta R.T.: 0.027 min
Response: 4350432
Conc: 61.86 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.933 min
Delta R.T.: 0.033 min
Response: 3881211
Conc: 58.43 ug/ml m