

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060525AL\
 Data File : FC069087.D
 Signal(s) : FID1A.ch
 Acq On : 05 Jun 2025 17:09
 Operator : YP/AJ
 Sample : PB168297BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB168297BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/06/2025

Supervised By :mohammad ahmed 06/09/2025

Integration File: autoint1.e

Quant Time: Jun 06 04:11:06 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M

Quant Title : GC Extractables

QLast Update : Tue May 27 01:48:55 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)	11.678	3962437	32.125 ug/ml
Spiked Amount 50.000		Recovery =	64.25%
12) S 1-chlorooctadecane (S...	13.114	3065737	34.172 ug/ml
Spiked Amount 50.000		Recovery =	68.34%
Target Compounds			
1) T n-Nonane (C9)	3.401	3680278	34.679 ug/ml
2) T n-Decane (C10)	4.477	3820631	36.075 ug/mlm
3) T A~Naphthalene (C11.7)	6.072	4428305	38.295 ug/ml
4) T n-Dodecane (C12)	6.504	3805336	36.199 ug/ml
5) T A~2-methylnaphthalene...	7.132	4012425	35.392 ug/ml
6) T n-Tetradecane (C14)	8.305	3647055	35.580 ug/ml
7) T n-Hexadecane (C16)	9.909	3576393	35.247 ug/ml
8) T n-Octadecane (C18)	11.355	3479934	34.819 ug/mlm
10) T n-Eicosane (C20)	12.668	3526405	36.206 ug/ml
11) T n-Heneicosane (C21)	13.281	3382622	35.143 ug/ml
13) T n-Docosane (C22)	13.868	3351685	35.181 ug/ml
14) T n-Tetracosane (C24)	14.963	7136244	75.794 ug/ml
15) T n-Hexacosane (C26)	15.999	3314741	35.703 ug/ml
16) T n-Octacosane (C28)	16.950	3328467	35.808 ug/ml
17) T n-Tricontane (C30)	17.841	3324596	34.360 ug/ml
18) T n-Dotriacontane (C32)	18.675	3349965	33.805 ug/ml
19) T n-Tetratriacontane (C34)	19.460	3510123	36.420 ug/ml
20) T n-Hexatriacontane (C36)	20.202	3493009	36.796 ug/ml
21) T n-Octatriacontane (C38)	20.973	3649543	40.002 ug/ml
22) T n-Tetracontane (C40)	21.942	3692119	41.844 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB168297BS
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ALS Vial : 19 Sample Multiplier: 1

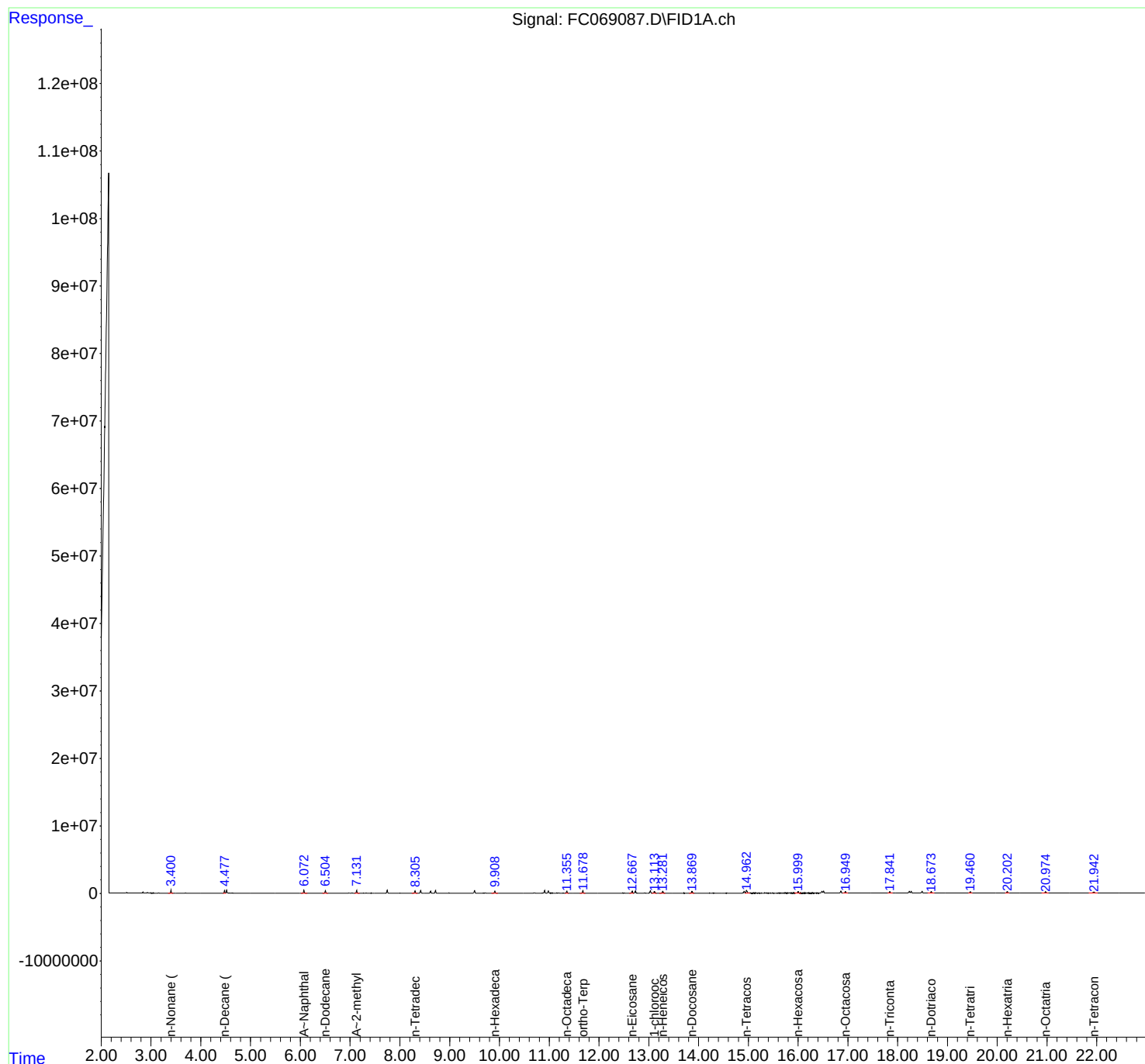
Instrument :
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ClientSampleId :
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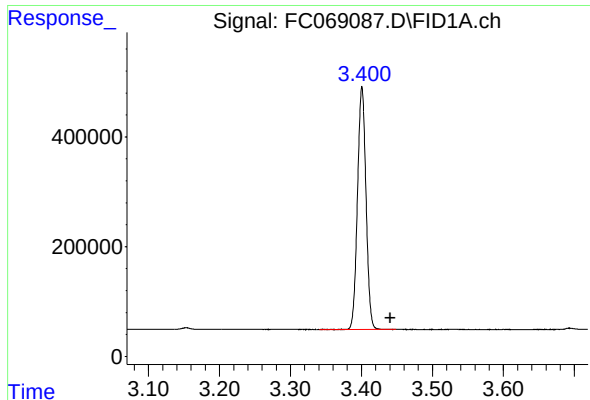
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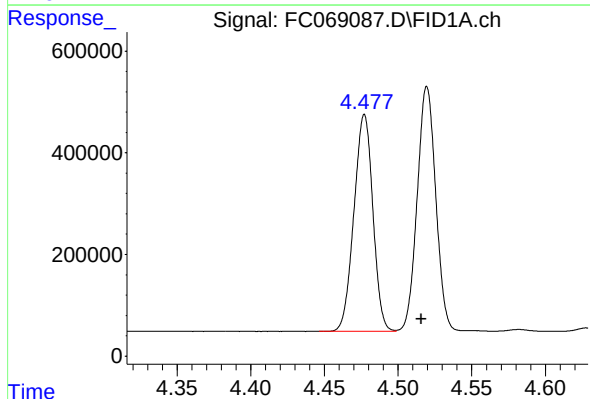
#1 n-Nonane (C9)

R.T.: 3.401 min
Delta R.T.: -0.040 min
Response: 3680278
Conc: 34.68 ug/ml

Instrument :
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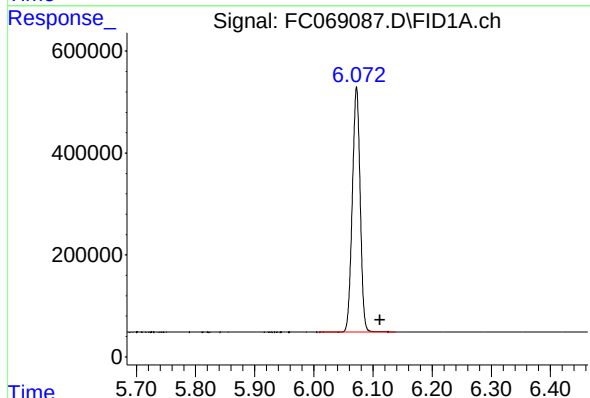
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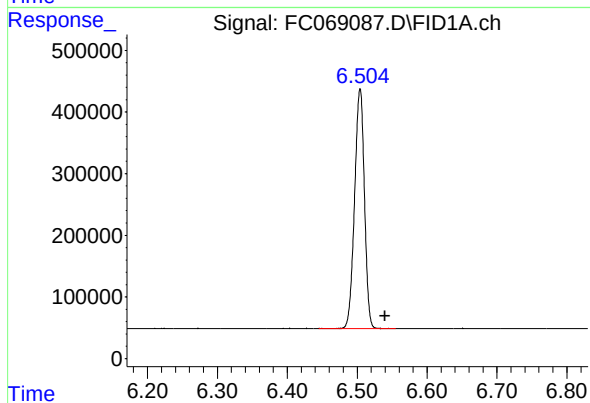
#2 n-Decane (C10)

R.T.: 4.477 min
Delta R.T.: -0.039 min
Response: 3820631
Conc: 36.08 ug/ml



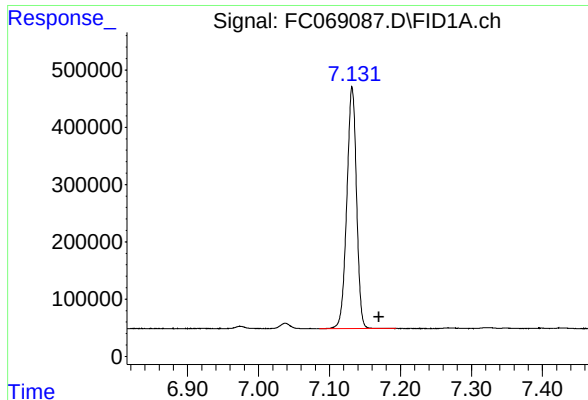
#3 A~Naphthalene (C11.7)

R.T.: 6.072 min
Delta R.T.: -0.040 min
Response: 4428305
Conc: 38.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.504 min
Delta R.T.: -0.036 min
Response: 3805336
Conc: 36.20 ug/ml



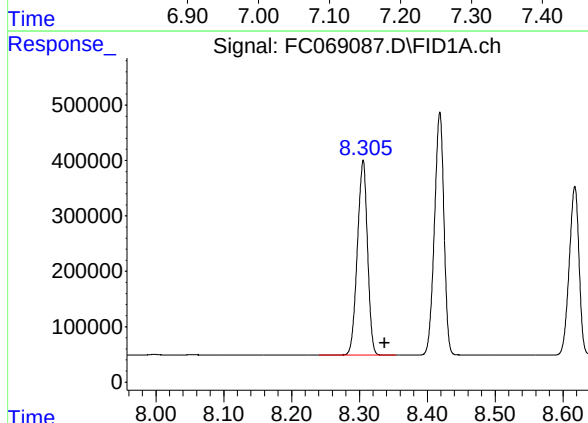
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.132 min
Delta R.T.: -0.038 min
Response: 4012425
Conc: 35.39 ug/ml

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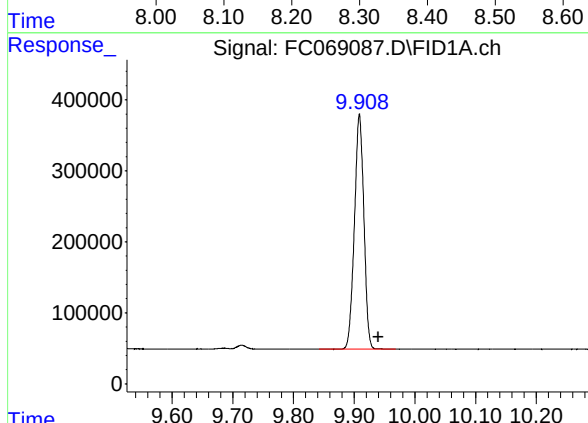
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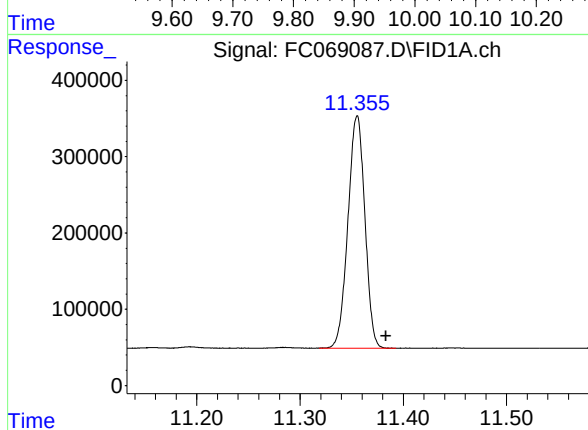
#6 n-Tetradecane (C14)

R.T.: 8.305 min
Delta R.T.: -0.032 min
Response: 3647055
Conc: 35.58 ug/ml



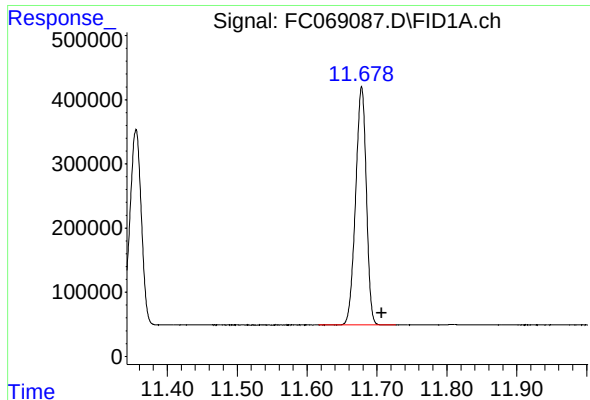
#7 n-Hexadecane (C16)

R.T.: 9.909 min
Delta R.T.: -0.031 min
Response: 3576393
Conc: 35.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.355 min
Delta R.T.: -0.028 min
Response: 3479934
Conc: 34.82 ug/ml m



#9 ortho-Terphenyl (SURR)

R.T.: 11.678 min
Delta R.T.: -0.029 min
Response: 3962437
Conc: 32.13 ug/ml

Instrument :

FID_C

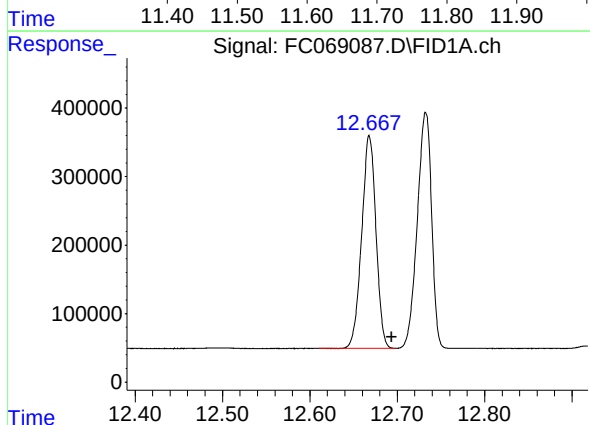
ClientSampleId :

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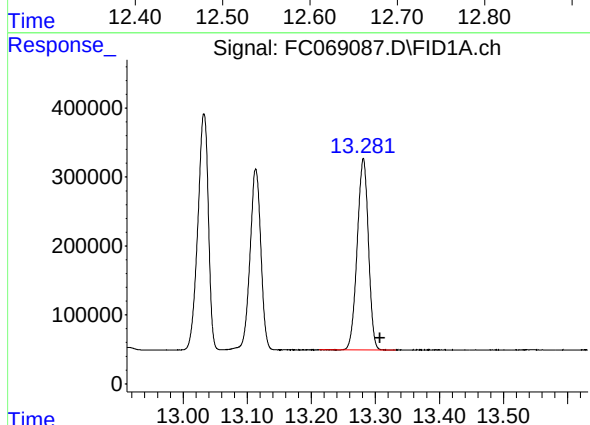
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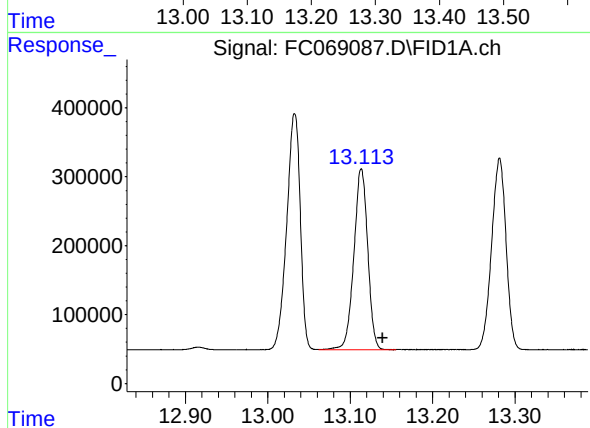
#10 n-Eicosane (C20)

R.T.: 12.668 min
Delta R.T.: -0.026 min
Response: 3526405
Conc: 36.21 ug/ml



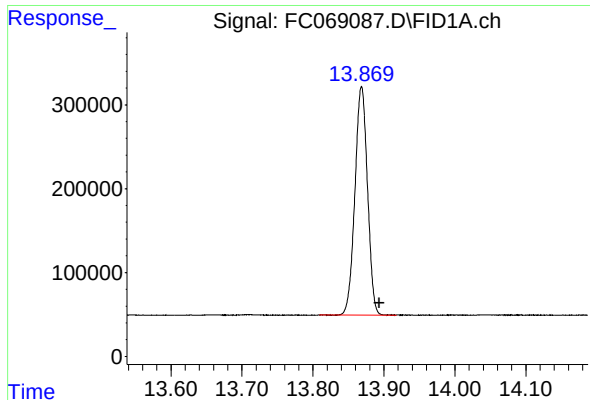
#11 n-Heneicosane (C21)

R.T.: 13.281 min
Delta R.T.: -0.026 min
Response: 3382622
Conc: 35.14 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.114 min
Delta R.T.: -0.026 min
Response: 3065737
Conc: 34.17 ug/ml



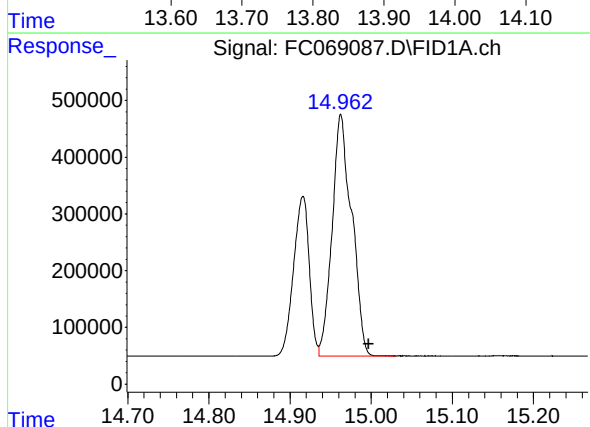
#13 n-Docosane (C22)

R.T.: 13.868 min
Delta R.T.: -0.025 min
Response: 3351685
Conc: 35.18 ug/ml

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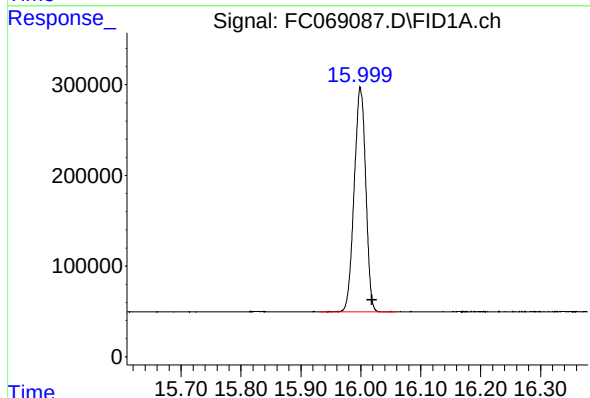
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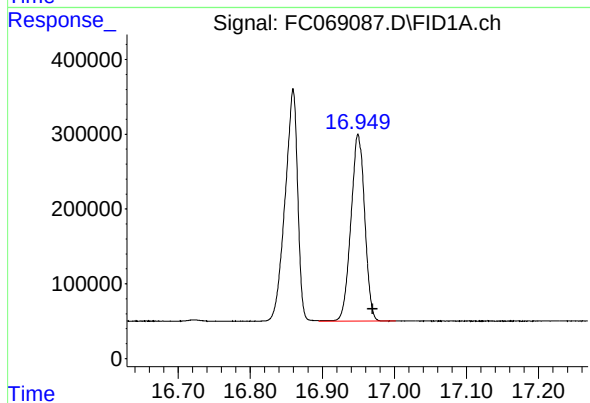
#14 n-Tetracosane (C24)

R.T.: 14.963 min
Delta R.T.: -0.034 min
Response: 7136244
Conc: 75.79 ug/ml



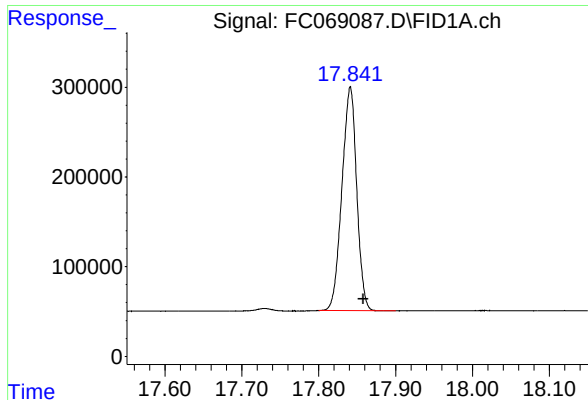
#15 n-Hexacosane (C26)

R.T.: 15.999 min
Delta R.T.: -0.019 min
Response: 3314741
Conc: 35.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.950 min
Delta R.T.: -0.020 min
Response: 3328467
Conc: 35.81 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.841 min
Delta R.T.: -0.017 min
Response: 3324596
Conc: 34.36 ug/ml

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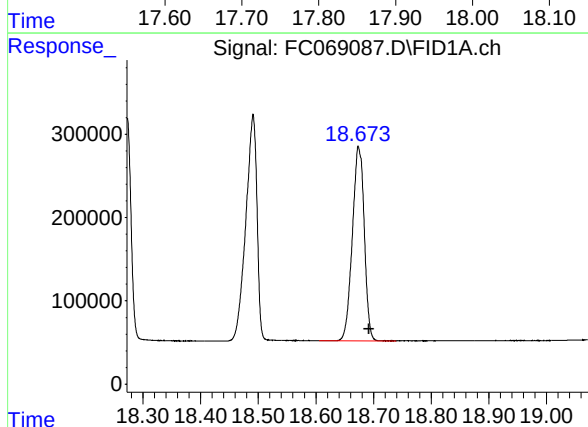
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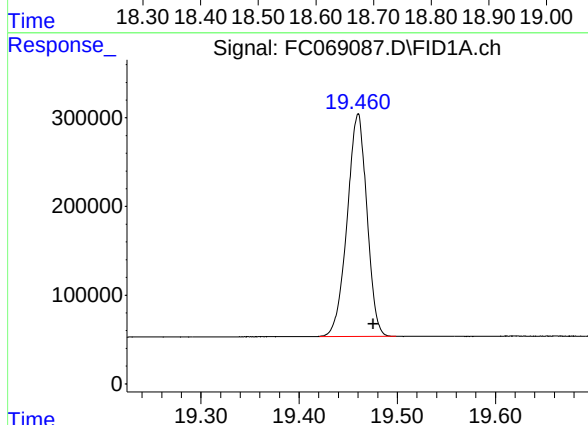
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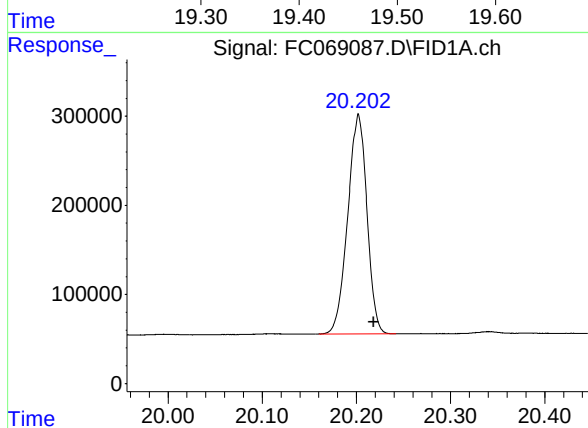
#18 n-Dotriacontane (C32)

R.T.: 18.675 min
Delta R.T.: -0.018 min
Response: 3349965
Conc: 33.80 ug/ml



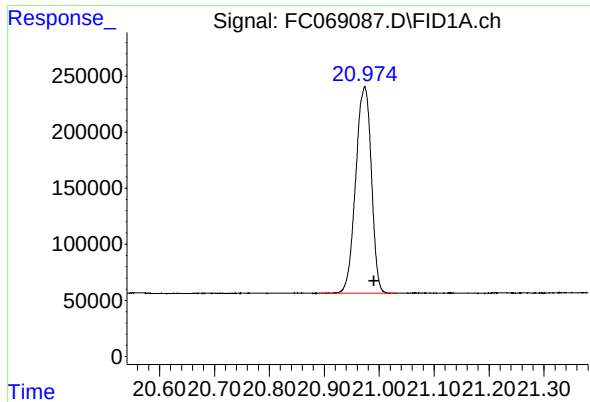
#19 n-Tetratriacontane (C34)

R.T.: 19.460 min
Delta R.T.: -0.016 min
Response: 3510123
Conc: 36.42 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.202 min
Delta R.T.: -0.016 min
Response: 3493009
Conc: 36.80 ug/ml



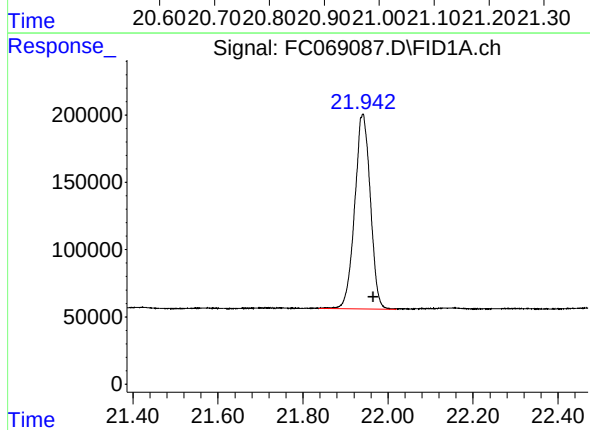
#21 n-Octatriacontane (C38)

R.T.: 20.973 min
Delta R.T.: -0.018 min
Response: 3649543
Conc: 40.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.942 min
Delta R.T.: -0.023 min
Response: 3692119
Conc: 41.84 ug/ml m