

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051225AL\
 Data File : FC068832.D
 Signal(s) : FID1A.ch
 Acq On : 12 May 2025 16:21
 Operator : YP/AJ
 Sample : Q2002-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

EO-02-05092025MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/13/2025

Supervised By :mohammad ahmed 05/14/2025

Integration File: sample.E

Quant Time: May 13 07:43:12 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M

Quant Title : GC Extractables

QLast Update : Wed May 07 08:52:03 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)	11.707	1752479	15.354 ug/ml
Spiked Amount 50.000		Recovery =	30.71%
12) S 1-chlorooctadecane (S...	13.140	1820952	22.698 ug/ml
Spiked Amount 50.000		Recovery =	45.40%
Target Compounds			
1) T n-Nonane (C9)	3.442	3204494	31.860 ug/ml
2) T n-Decane (C10)	4.518	3585253	35.981 ug/ml
3) T A~Naphthalene (C11.7)	6.113	4236059	38.418 ug/ml
4) T n-Dodecane (C12)	6.542	3818470	39.294 ug/ml
5) T A~2-methylnaphthalene...	7.172	4038354	37.625 ug/ml
6) T n-Tetradecane (C14)	8.341	4121931	44.598 ug/ml
7) T n-Hexadecane (C16)	9.942	4395864	49.092 ug/ml
8) T n-Octadecane (C18)	11.386	4429199	50.494 ug/ml
10) T n-Eicosane (C20)	12.697	4593144	53.899 ug/ml
11) T n-Heneicosane (C21)	13.308	4354323	51.625 ug/ml
13) T n-Docosane (C22)	13.895	4408005	52.691 ug/ml
14) T n-Tetracosane (C24)	14.993	9068690	108.990 ug/ml
15) T n-Hexacosane (C26)	16.024	4222772	50.967 ug/ml
16) T n-Octacosane (C28)	16.973	4461340	53.981 ug/ml
17) T n-Tricontane (C30)	17.864	4390134	51.885 ug/ml
18) T n-Dotriacontane (C32)	18.696	4268053	49.550 ug/ml
19) T n-Tetratriacontane (C34)	19.482	4385456	51.472 ug/ml
20) T n-Hexatriacontane (C36)	20.222	4096074	47.657 ug/ml
21) T n-Octatriacontane (C38)	20.995	4431167	52.825 ug/ml
22) T n-Tetracontane (C40)	21.974	4186345	51.081 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 16 Sample Multiplier: 1

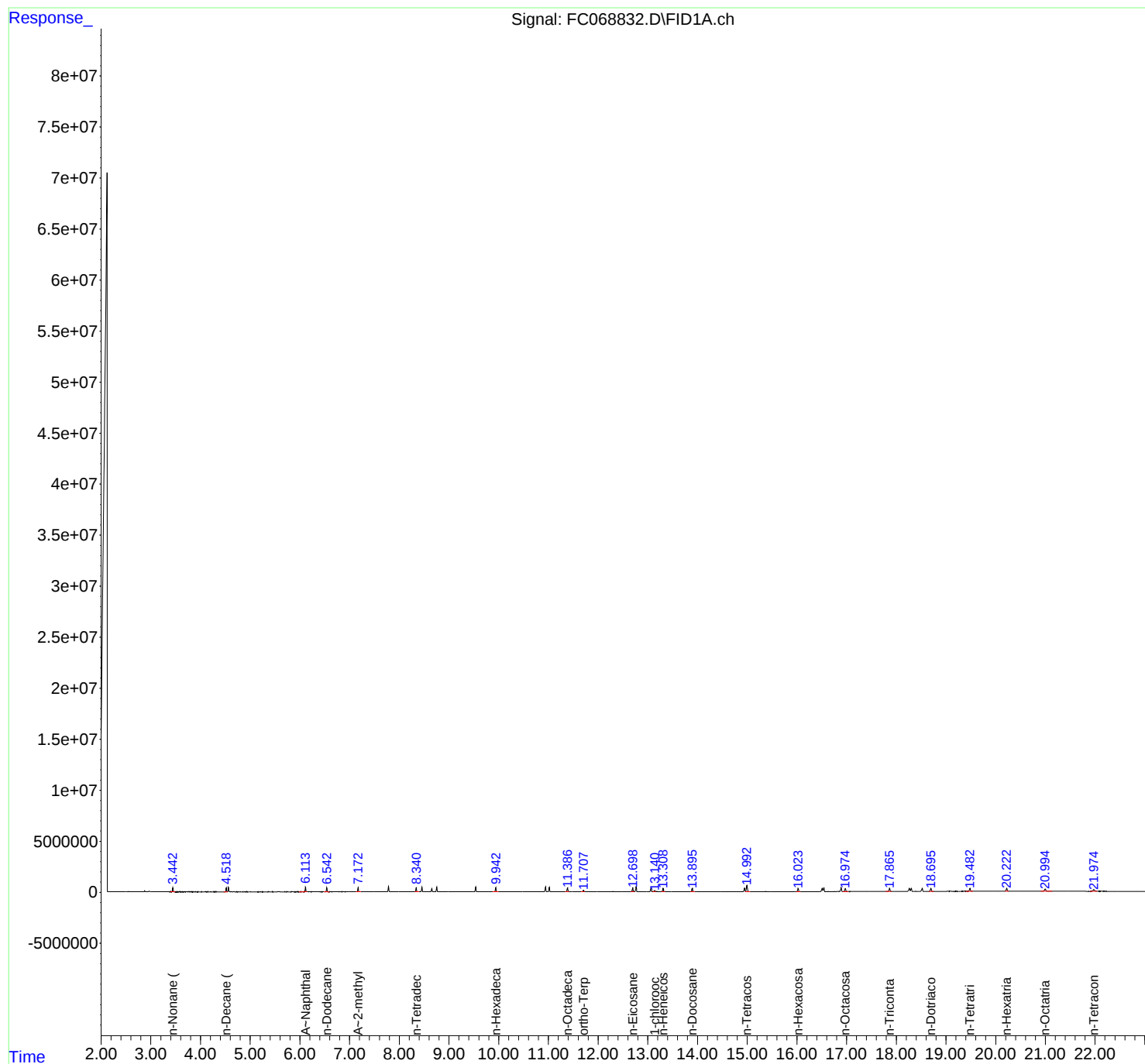
Instrument :
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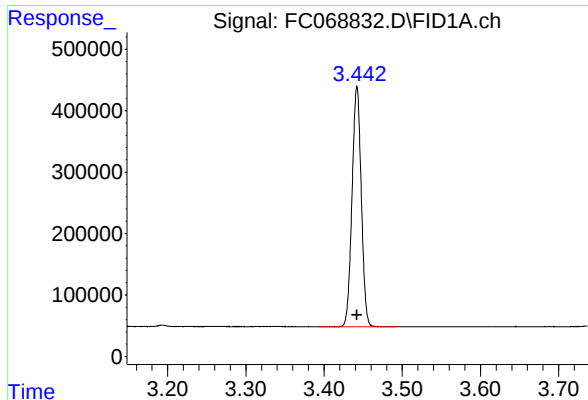
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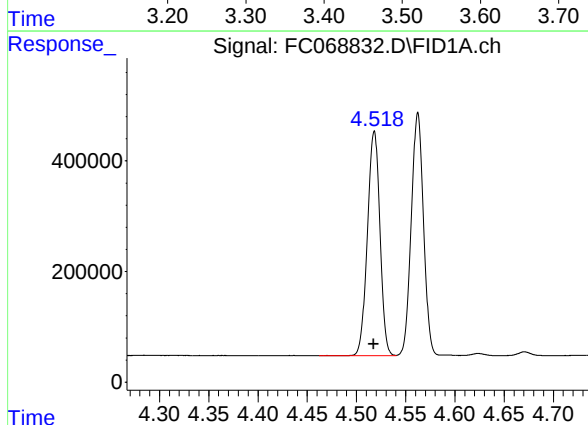
#1 n-Nonane (C9)

R.T.: 3.442 min
Delta R.T.: 0.000 min
Response: 3204494
Conc: 31.86 ug/ml

Instrument :
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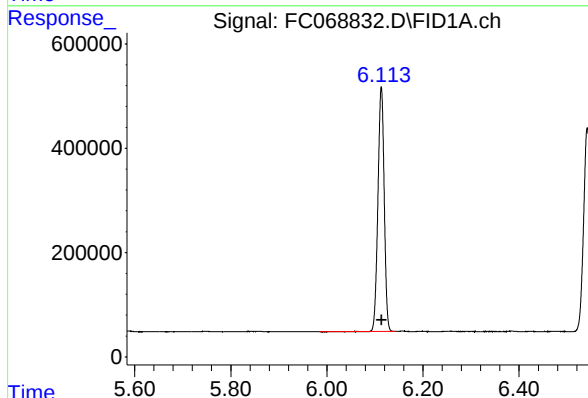
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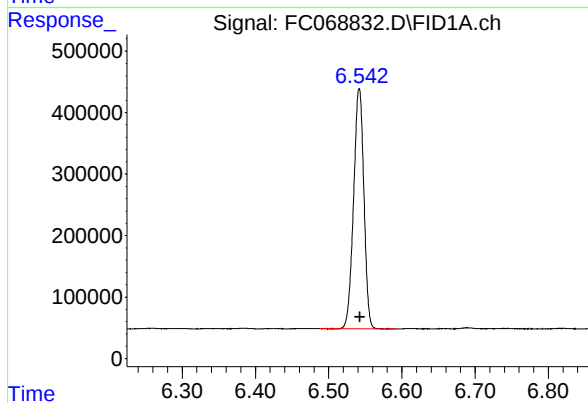
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: 0.000 min
Response: 3585253
Conc: 35.98 ug/ml



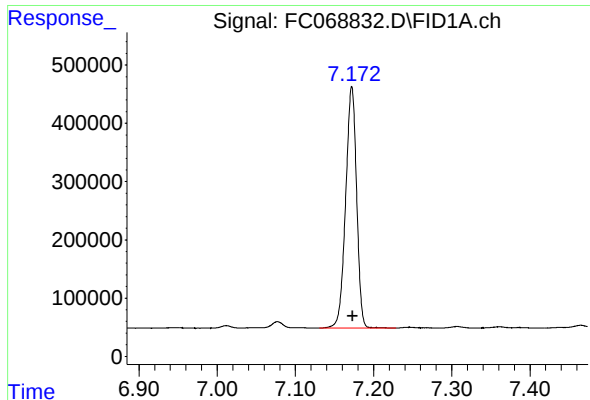
#3 A~Naphthalene (C11.7)

R.T.: 6.113 min
Delta R.T.: -0.001 min
Response: 4236059
Conc: 38.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.542 min
Delta R.T.: -0.001 min
Response: 3818470
Conc: 39.29 ug/ml



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

R.T.: 7.172 min
Delta R.T.: -0.001 min
Response: 4038354
Conc: 37.62 ug/ml

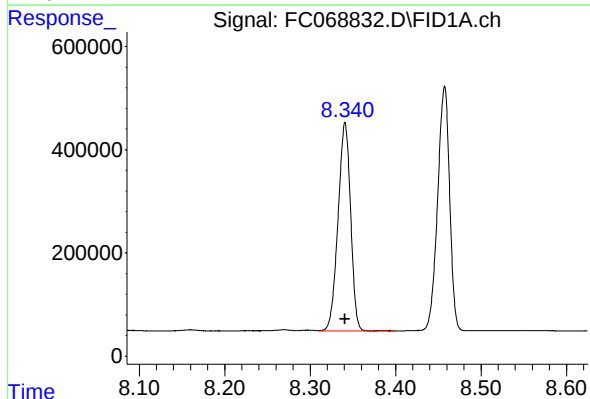
Instrument :

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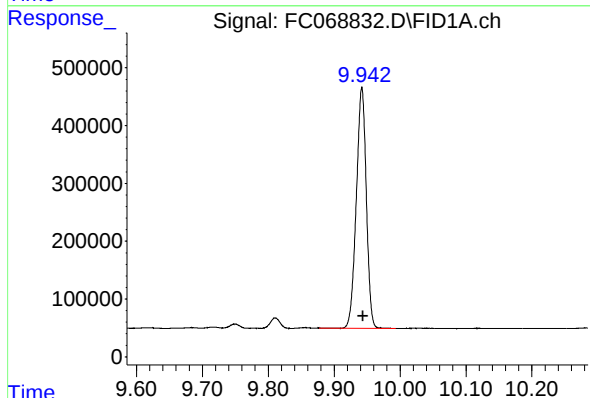
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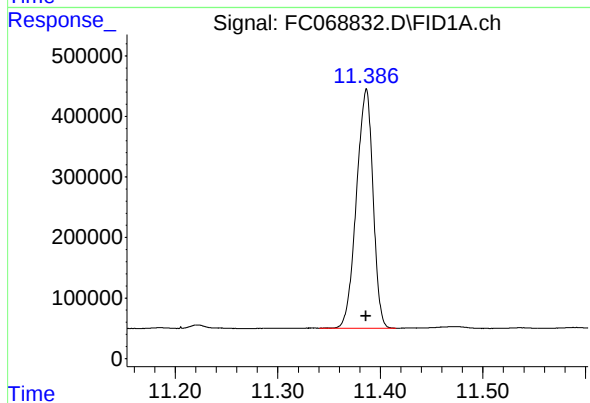
#6 n-Tetradecane (C14)

R.T.: 8.341 min
Delta R.T.: 0.000 min
Response: 4121931
Conc: 44.60 ug/ml



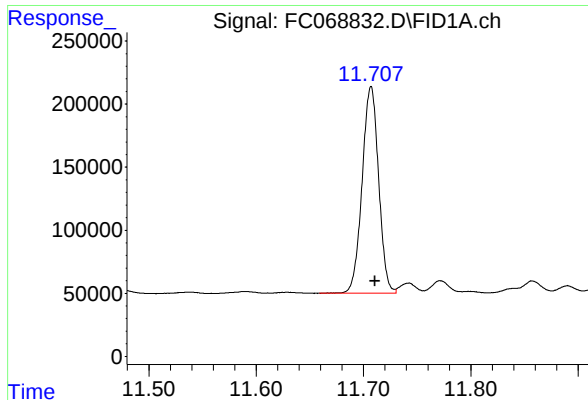
#7 n-Hexadecane (C16)

R.T.: 9.942 min
Delta R.T.: -0.002 min
Response: 4395864
Conc: 49.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.386 min
Delta R.T.: 0.000 min
Response: 4429199
Conc: 50.49 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.707 min
Delta R.T.: -0.004 min
Response: 1752479
Conc: 15.35 ug/ml

Instrument :

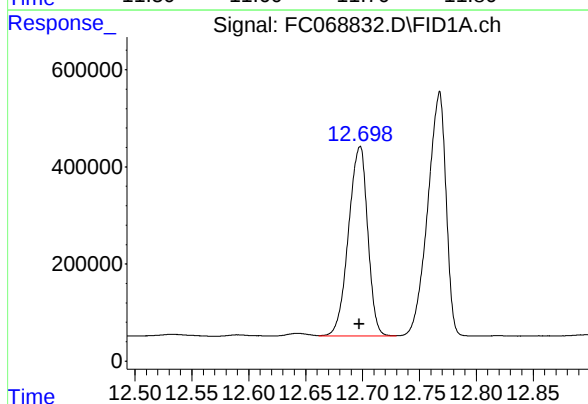
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ClientSampleId :

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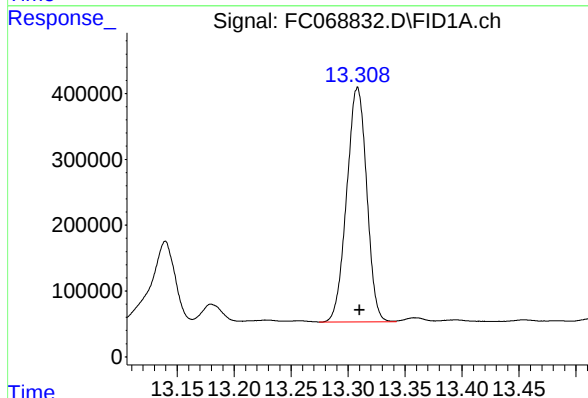
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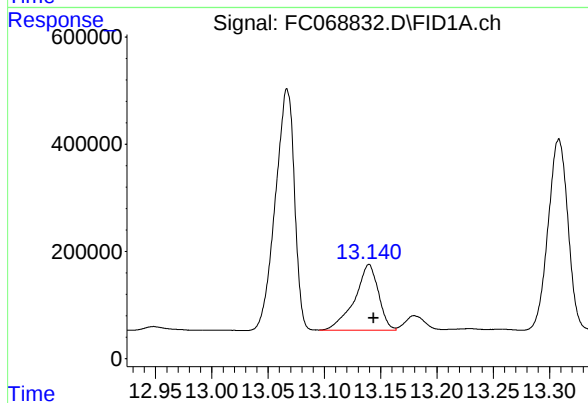
#10 n-Eicosane (C20)

R.T.: 12.697 min
Delta R.T.: 0.000 min
Response: 4593144
Conc: 53.90 ug/ml



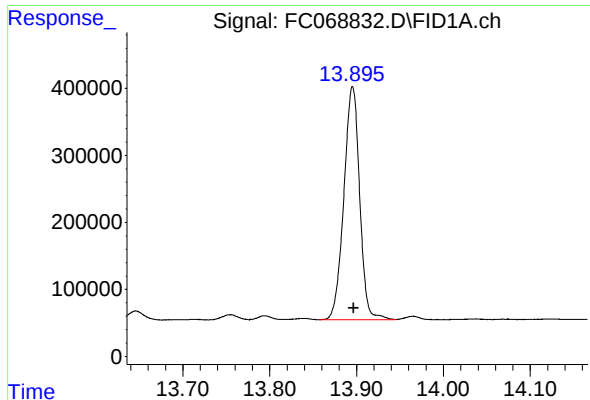
#11 n-Heneicosane (C21)

R.T.: 13.308 min
Delta R.T.: -0.002 min
Response: 4354323
Conc: 51.63 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.140 min
Delta R.T.: -0.004 min
Response: 1820952
Conc: 22.70 ug/ml



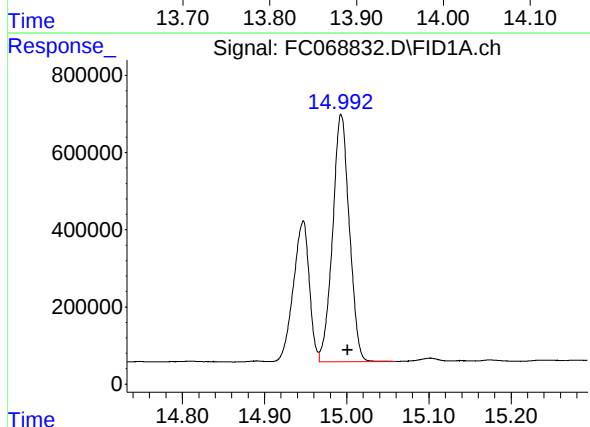
#13 n-Docosane (C22)

R.T.: 13.895 min
Delta R.T.: -0.001 min
Response: 4408005
Conc: 52.69 ug/ml

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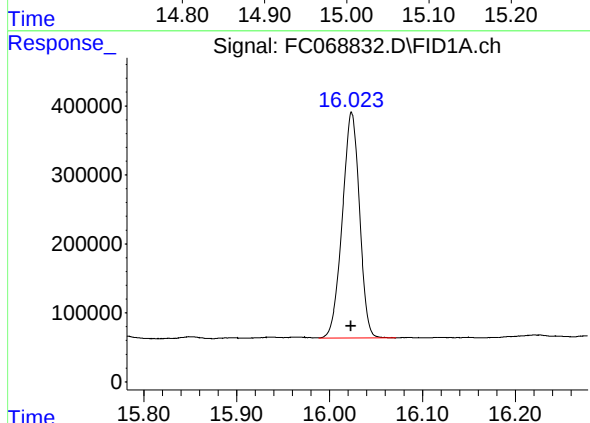
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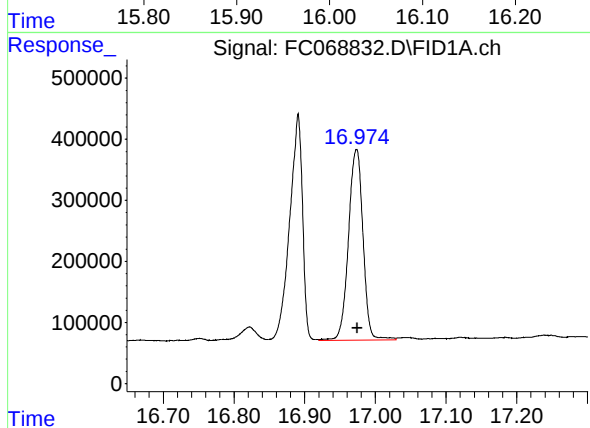
#14 n-Tetracosane (C24)

R.T.: 14.993 min
Delta R.T.: -0.008 min
Response: 9068690
Conc: 108.99 ug/ml



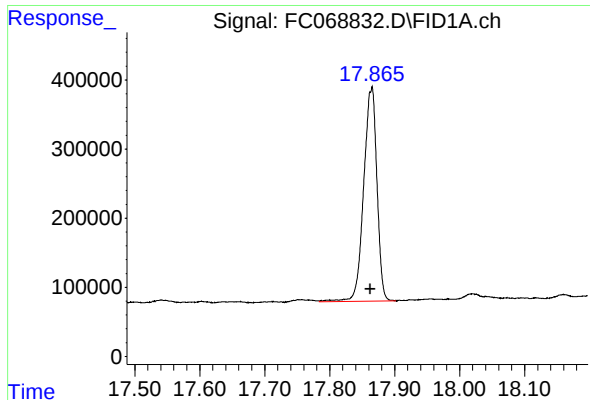
#15 n-Hexacosane (C26)

R.T.: 16.024 min
Delta R.T.: 0.000 min
Response: 4222772
Conc: 50.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.973 min
Delta R.T.: -0.001 min
Response: 4461340
Conc: 53.98 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.864 min
Delta R.T.: 0.002 min
Response: 4390134
Conc: 51.89 ug/ml

Instrument :

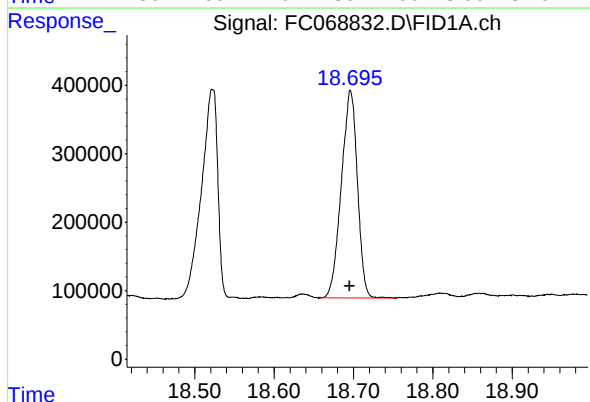
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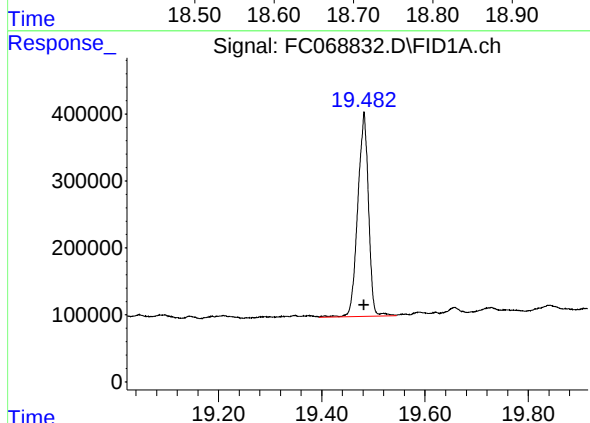
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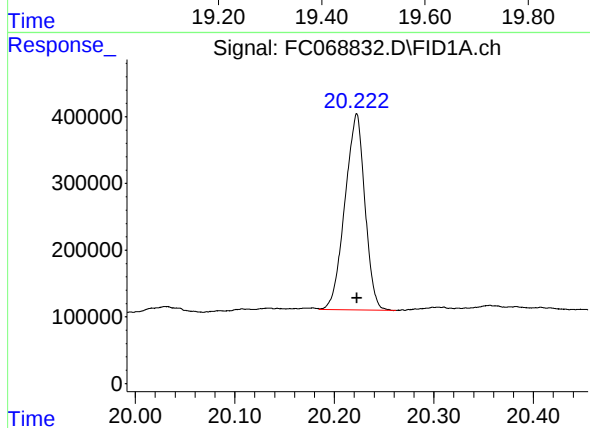
#18 n-Dotriacontane (C32)

R.T.: 18.696 min
Delta R.T.: 0.000 min
Response: 4268053
Conc: 49.55 ug/ml



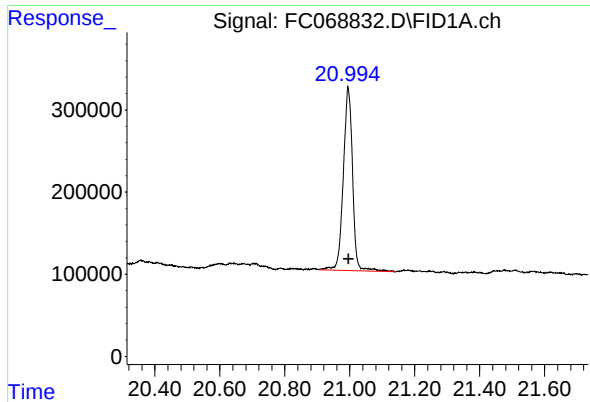
#19 n-Tetratriacontane (C34)

R.T.: 19.482 min
Delta R.T.: 0.000 min
Response: 4385456
Conc: 51.47 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.222 min
Delta R.T.: 0.000 min
Response: 4096074
Conc: 47.66 ug/ml



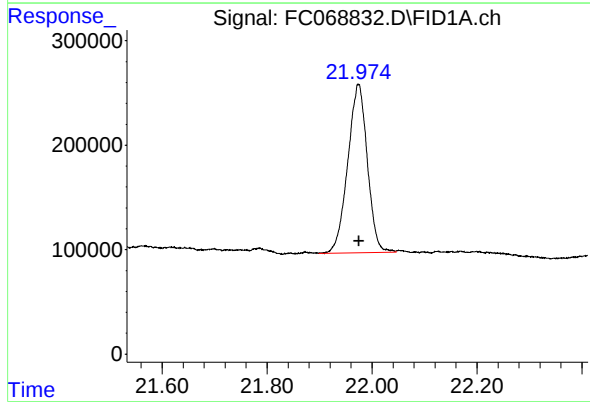
#21 n-Octatriacontane (C38)

R.T.: 20.995 min
Delta R.T.: -0.001 min
Response: 4431167
Conc: 52.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.974 min
Delta R.T.: -0.001 min
Response: 4186345
Conc: 51.08 ug/ml m