

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051625AL\
 Data File : FC068907.D
 Signal(s) : FID1A.ch
 Acq On : 16 May 2025 17:06
 Operator : YP/AJ
 Sample : Q2048-13MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 L2-WC-4MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/19/2025
 Supervised By :mohammad ahmed 05/20/2025

Integration File: autoint1.e
 Quant Time: May 19 07:18:41 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)	11.710	4735898	41.492 ug/ml
Spiked Amount 50.000		Recovery =	82.98%
12) S 1-chlorooctadecane (S...	13.143	3664286	45.674 ug/ml
Spiked Amount 50.000		Recovery =	91.35%
Target Compounds			
1) T n-Nonane (C9)	3.440	2337039	23.236 ug/ml
2) T n-Decane (C10)	4.516	2730393	27.402 ug/ml
3) T A~Naphthalene (C11.7)	6.113	3225414	29.252 ug/ml
4) T n-Dodecane (C12)	6.541	2870832	29.542 ug/ml
5) T A~2-methylnaphthalene...	7.172	3022408	28.159 ug/ml
6) T n-Tetradecane (C14)	8.339	2926381	31.662 ug/ml
7) T n-Hexadecane (C16)	9.941	3212507	35.876 ug/ml
8) T n-Octadecane (C18)	11.386	3333204	37.999 ug/ml
10) T n-Eicosane (C20)	12.696	3457135	40.568 ug/ml
11) T n-Heneicosane (C21)	13.307	3321079	39.375 ug/ml
13) T n-Docosane (C22)	13.896	3309412	39.559 ug/ml
14) T n-Tetracosane (C24)	14.992	6971611	83.786 ug/ml
15) T n-Hexacosane (C26)	16.022	3311178	39.964 ug/ml
16) T n-Octacosane (C28)	16.972	3308192	40.029 ug/ml
17) T n-Tricontane (C30)	17.861	3340373	39.479 ug/ml
18) T n-Dotriacontane (C32)	18.695	3226618	37.460 ug/ml
19) T n-Tetratriacontane (C34)	19.479	2759442	32.388 ug/ml
20) T n-Hexatriacontane (C36)	20.219	2137761	24.873 ug/ml
21) T n-Octatriacontane (C38)	20.990	1721846	20.527 ug/mlm
22) T n-Tetracontane (C40)	21.967	1480703	18.067 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 16 Sample Multiplier: 1

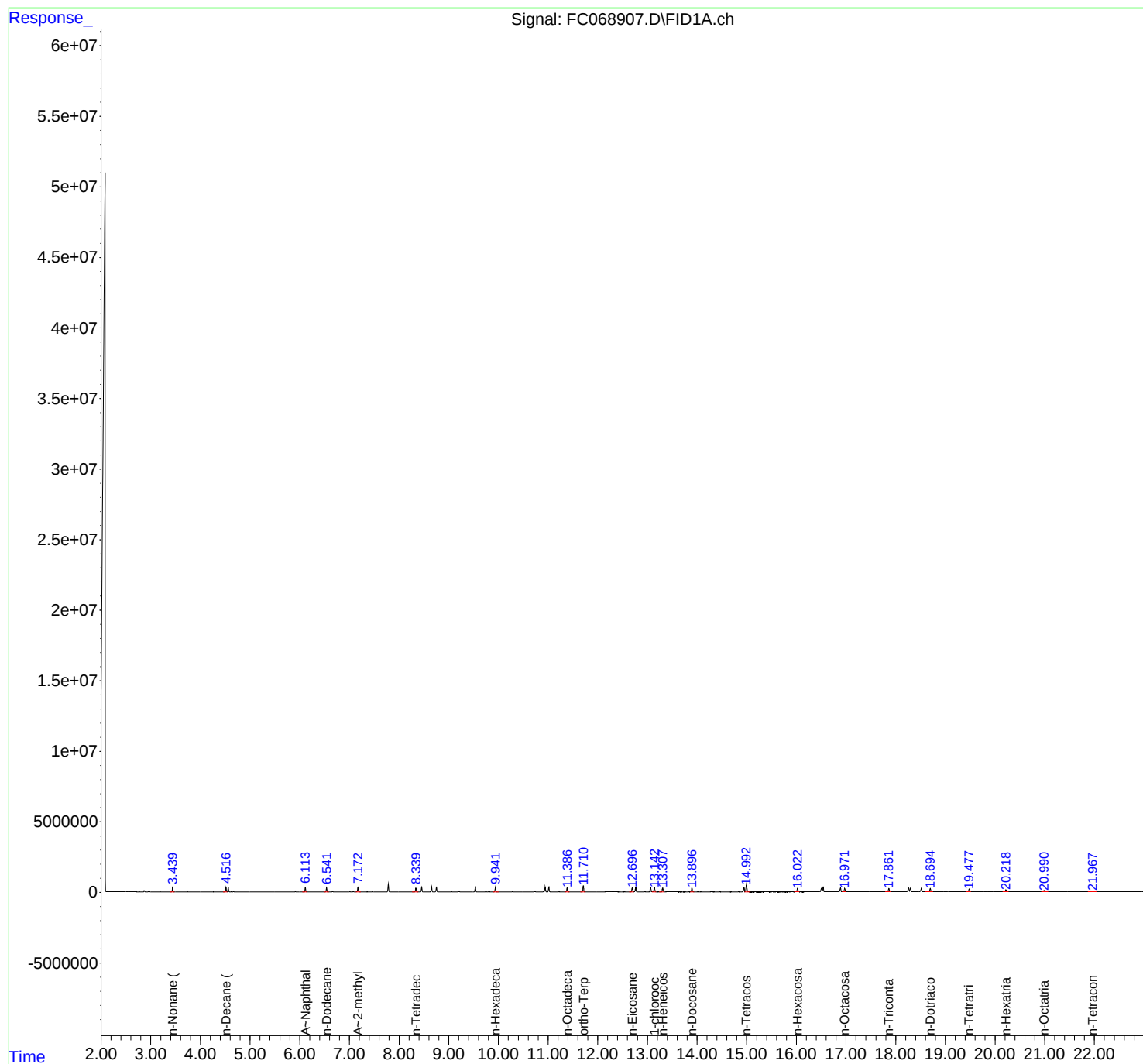
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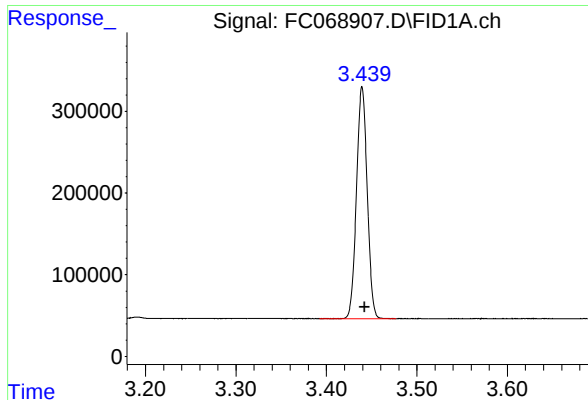
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#1 n-Nonane (C9)

R.T.: 3.440 min
Delta R.T.: -0.002 min
Response: 2337039
Conc: 23.24 ug/ml

Instrument :

FID_C

ClientSampleId :

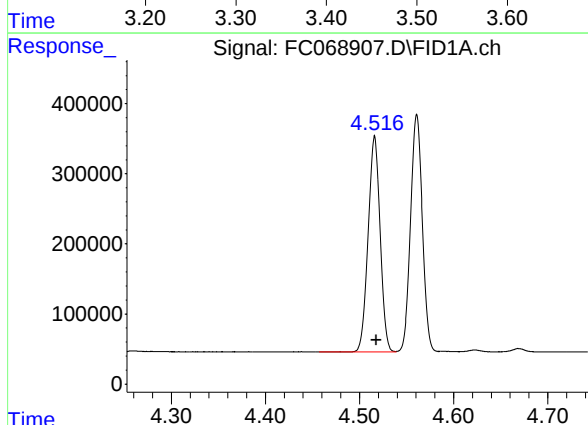
L2-WC-4MS

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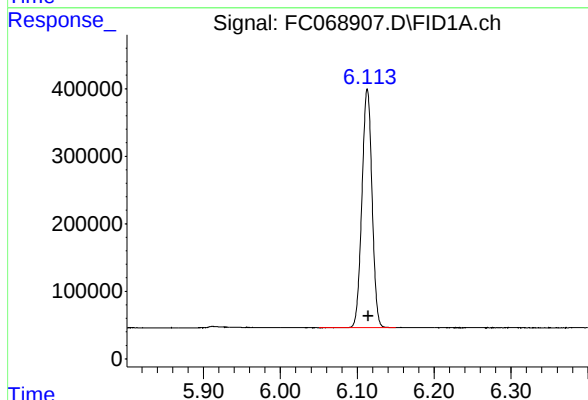
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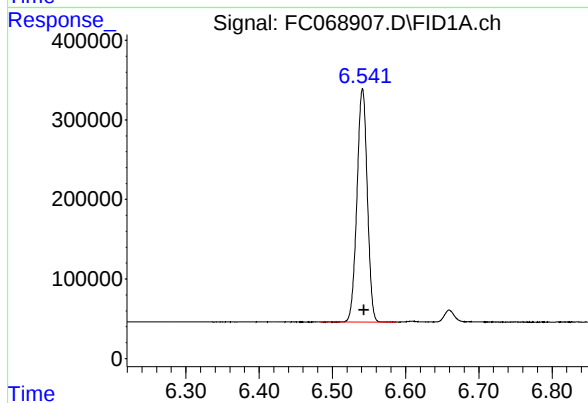
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: -0.002 min
Response: 2730393
Conc: 27.40 ug/ml



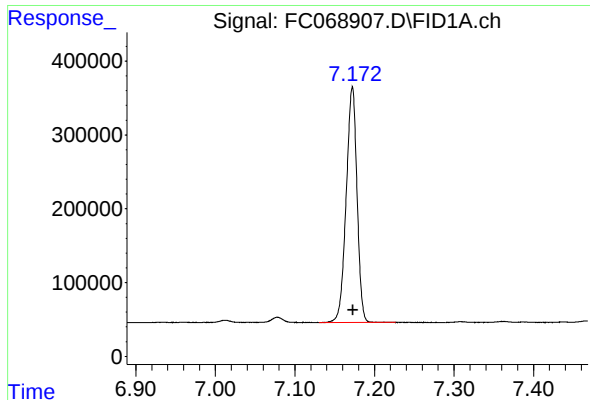
#3 A~Naphthalene (C11.7)

R.T.: 6.113 min
Delta R.T.: -0.002 min
Response: 3225414
Conc: 29.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.541 min
Delta R.T.: -0.002 min
Response: 2870832
Conc: 29.54 ug/ml



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

R.T.: 7.172 min
Delta R.T.: -0.001 min
Response: 3022408
Conc: 28.16 ug/ml

Instrument :

FID_C

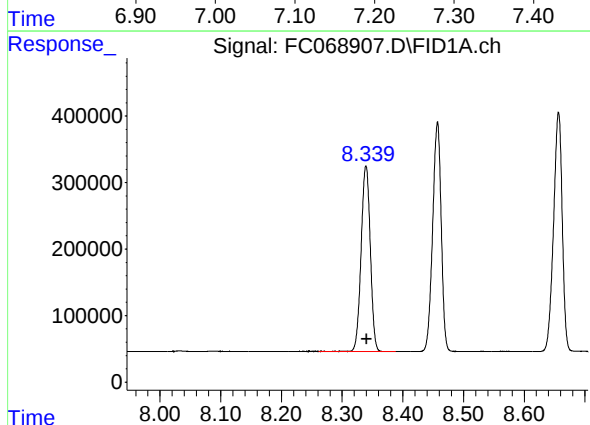
ClientSampleId :

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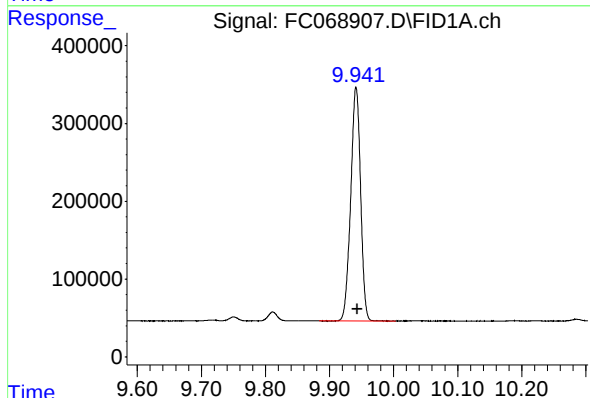
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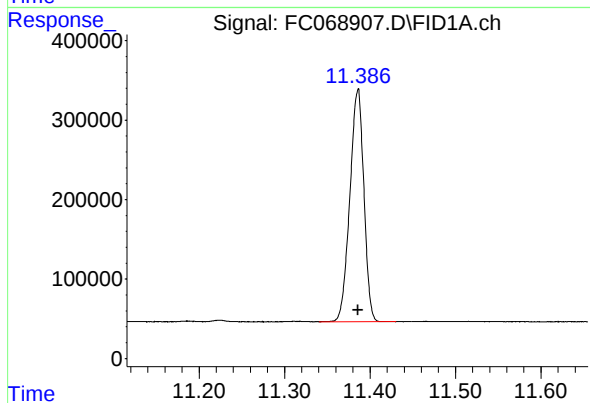
#6 n-Tetradecane (C14)

R.T.: 8.339 min
Delta R.T.: -0.001 min
Response: 2926381
Conc: 31.66 ug/ml



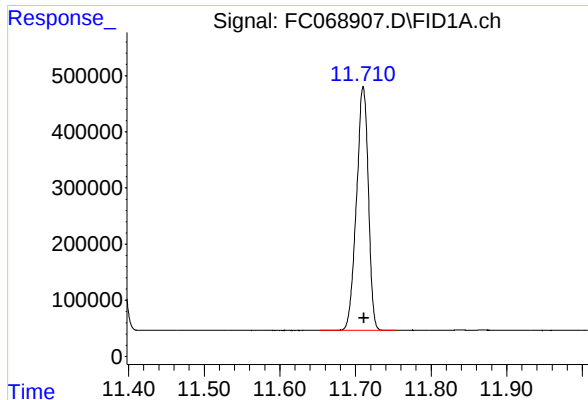
#7 n-Hexadecane (C16)

R.T.: 9.941 min
Delta R.T.: -0.002 min
Response: 3212507
Conc: 35.88 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.386 min
Delta R.T.: 0.000 min
Response: 3333204
Conc: 38.00 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.710 min
Delta R.T.: 0.000 min
Response: 4735898
Conc: 41.49 ug/ml

Instrument :

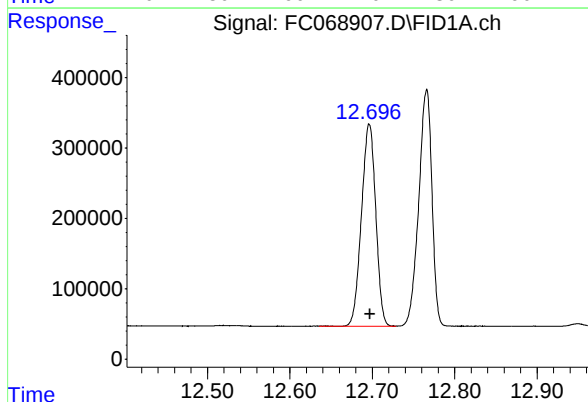
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ClientSampleId :

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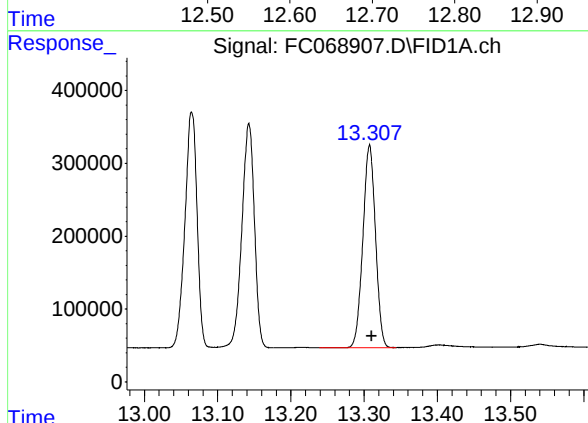
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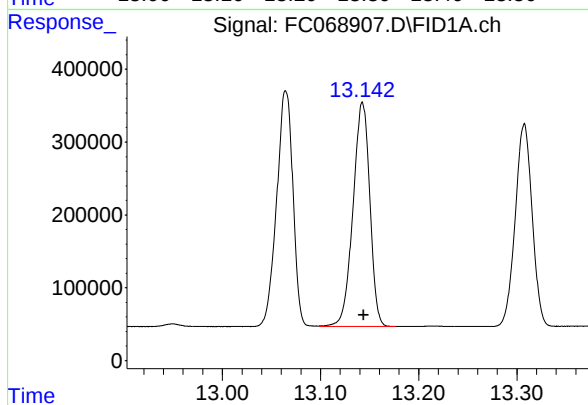
#10 n-Eicosane (C20)

R.T.: 12.696 min
Delta R.T.: -0.001 min
Response: 3457135
Conc: 40.57 ug/ml



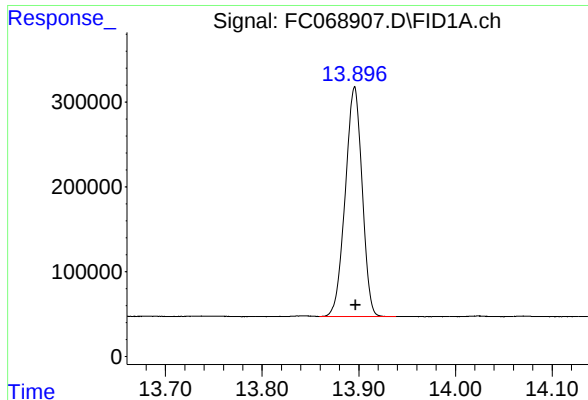
#11 n-Heneicosane (C21)

R.T.: 13.307 min
Delta R.T.: -0.003 min
Response: 3321079
Conc: 39.37 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.143 min
Delta R.T.: -0.001 min
Response: 3664286
Conc: 45.67 ug/ml



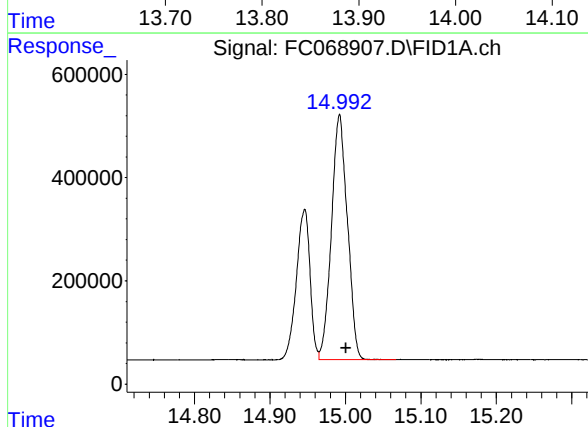
#13 n-Docosane (C22)

R.T.: 13.896 min
Delta R.T.: -0.001 min
Response: 3309412
Conc: 39.56 ug/ml

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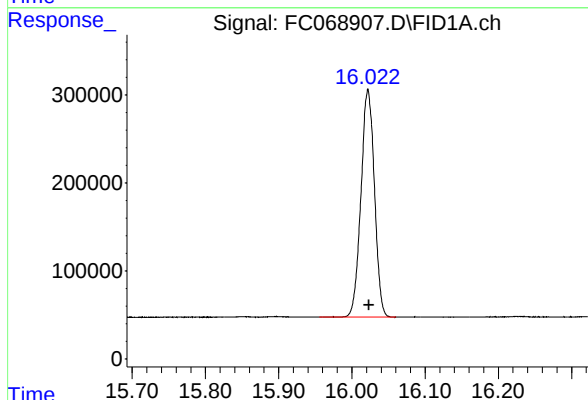
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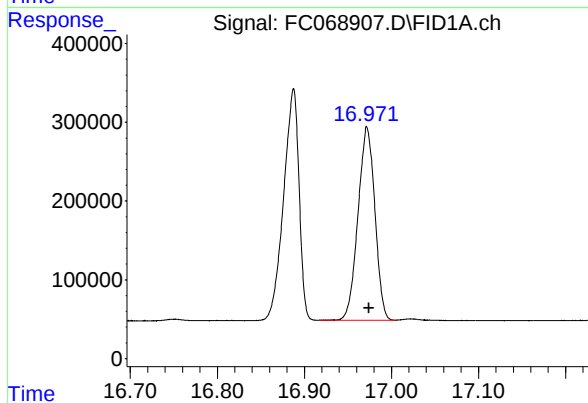
#14 n-Tetracosane (C24)

R.T.: 14.992 min
Delta R.T.: -0.009 min
Response: 6971611
Conc: 83.79 ug/ml



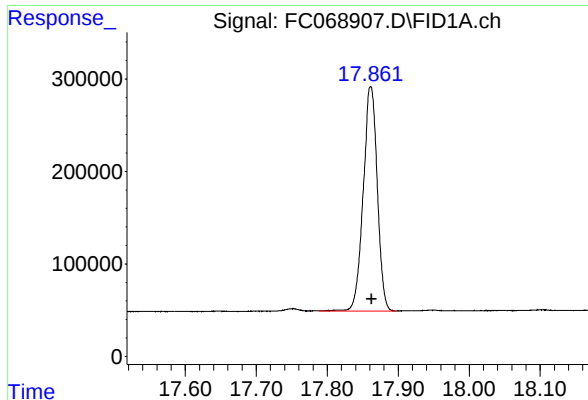
#15 n-Hexacosane (C26)

R.T.: 16.022 min
Delta R.T.: -0.001 min
Response: 3311178
Conc: 39.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.972 min
Delta R.T.: -0.002 min
Response: 3308192
Conc: 40.03 ug/ml



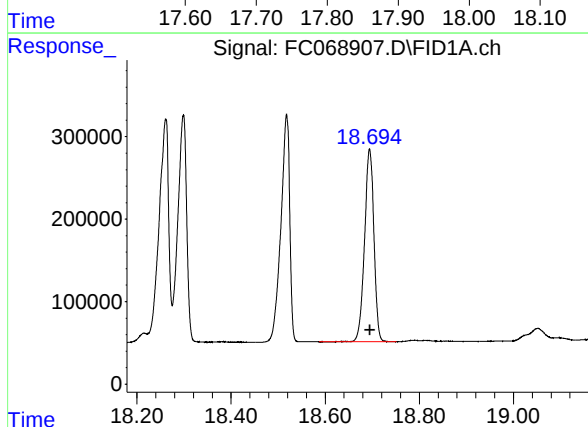
#17 n-Tricontane (C30)

R.T.: 17.861 min
Delta R.T.: 0.000 min
Response: 3340373
Conc: 39.48 ug/ml

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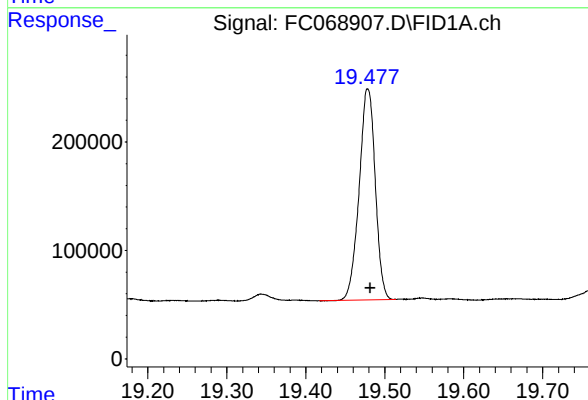
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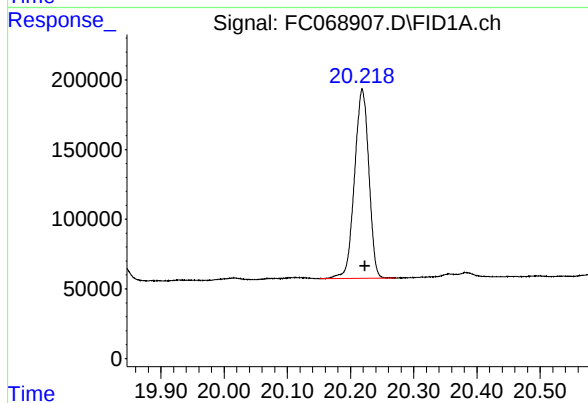
#18 n-Dotriacontane (C32)

R.T.: 18.695 min
Delta R.T.: 0.000 min
Response: 3226618
Conc: 37.46 ug/ml



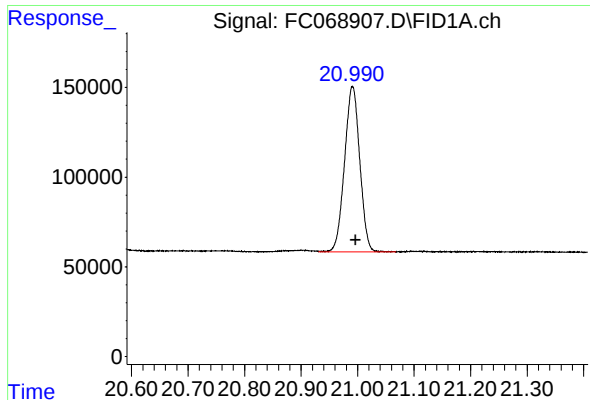
#19 n-Tetratriacontane (C34)

R.T.: 19.479 min
Delta R.T.: -0.003 min
Response: 2759442
Conc: 32.39 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.219 min
Delta R.T.: -0.004 min
Response: 2137761
Conc: 24.87 ug/ml



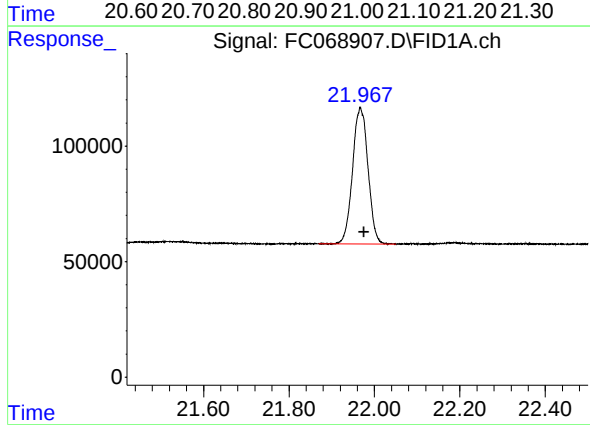
#21 n-Octatriacontane (C38)

R.T.: 20.990 min
Delta R.T.: -0.007 min
Response: 1721846
Conc: 20.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.967 min
Delta R.T.: -0.008 min
Response: 1480703
Conc: 18.07 ug/ml