

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051225AL\
 Data File : FC068833.D
 Signal(s) : FID1A.ch
 Acq On : 12 May 2025 16:59
 Operator : YP/AJ
 Sample : Q2002-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

EO-02-05092025MSD

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 07:43:37 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)	11.709	1811437	15.870 ug/ml
Spiked Amount 50.000		Recovery =	31.74%
12) S 1-chlorooctadecane (S...	13.141	1898574	23.665 ug/ml
Spiked Amount 50.000		Recovery =	47.33%
Target Compounds			
1) T n-Nonane (C9)	3.443	3289299	32.703 ug/ml
2) T n-Decane (C10)	4.519	3673943	36.872 ug/ml
3) T A~Naphthalene (C11.7)	6.115	4363224	39.572 ug/ml
4) T n-Dodecane (C12)	6.543	3907827	40.213 ug/ml
5) T A~2-methylnaphthalene...	7.174	4142337	38.593 ug/ml
6) T n-Tetradecane (C14)	8.342	4200644	45.449 ug/ml
7) T n-Hexadecane (C16)	9.944	4479939	50.031 ug/ml
8) T n-Octadecane (C18)	11.387	4528864	51.630 ug/ml
10) T n-Eicosane (C20)	12.698	4728068	55.482 ug/ml
11) T n-Heneicosane (C21)	13.310	4476663	53.076 ug/ml
13) T n-Docosane (C22)	13.897	4562311	54.535 ug/ml
14) T n-Tetracosane (C24)	14.995	9444845	113.510 ug/ml
15) T n-Hexacosane (C26)	16.025	4393493	53.027 ug/ml
16) T n-Octacosane (C28)	16.974	4596739	55.620 ug/ml
17) T n-Tricontane (C30)	17.864	4578582	54.112 ug/ml
18) T n-Dotriacontane (C32)	18.697	4433562	51.472 ug/ml
19) T n-Tetratriacontane (C34)	19.483	4477325	52.551 ug/ml
20) T n-Hexatriacontane (C36)	20.222	4274205	49.730 ug/ml
21) T n-Octatriacontane (C38)	20.999	4371135	52.109 ug/mlm
22) T n-Tetracontane (C40)	21.978	4319135	52.701 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : Q2002-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

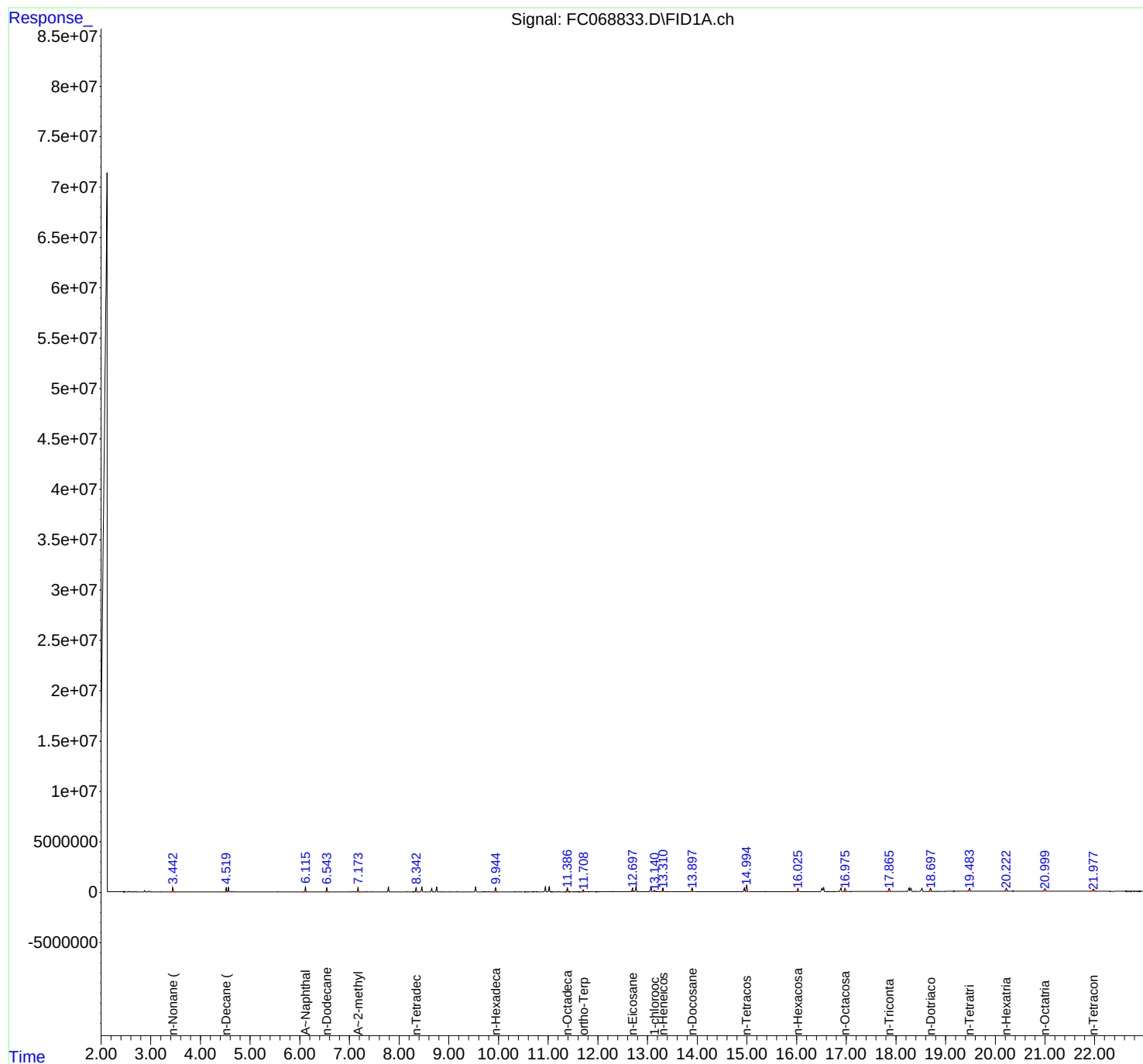
Instrument :
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ClientSampleId :
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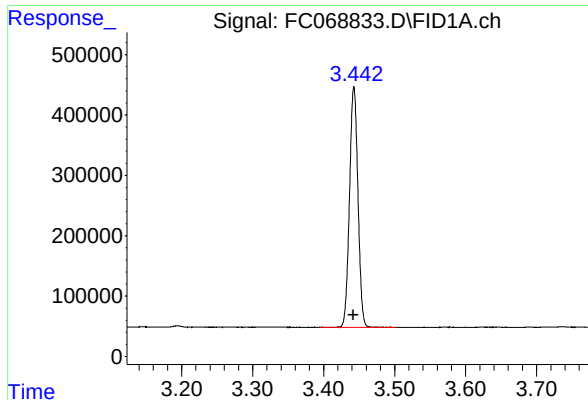
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Signal Info : 20M x 0.18mm x 0.18um





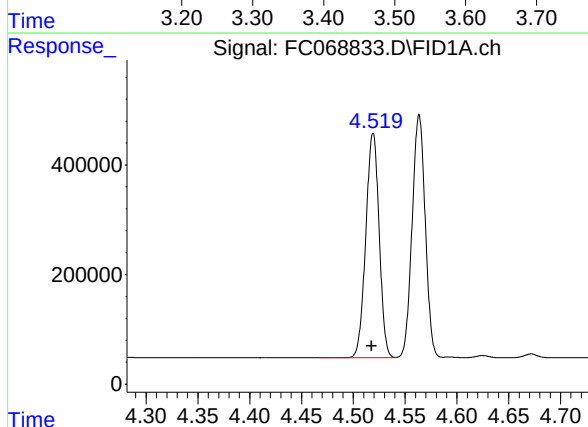
#1 n-Nonane (C9)

R.T.: 3.443 min
Delta R.T.: 0.000 min
Response: 3289299
Conc: 32.70 ug/ml

Instrument :
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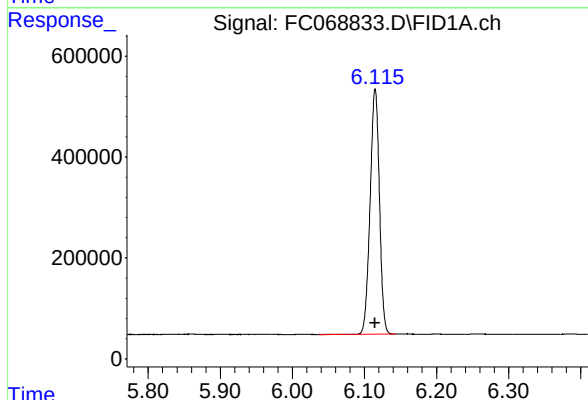
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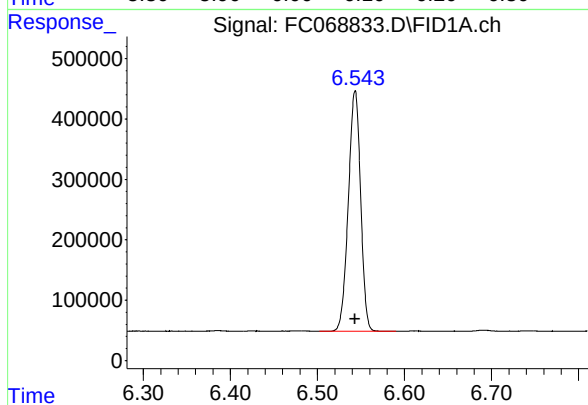
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: 0.001 min
Response: 3673943
Conc: 36.87 ug/ml



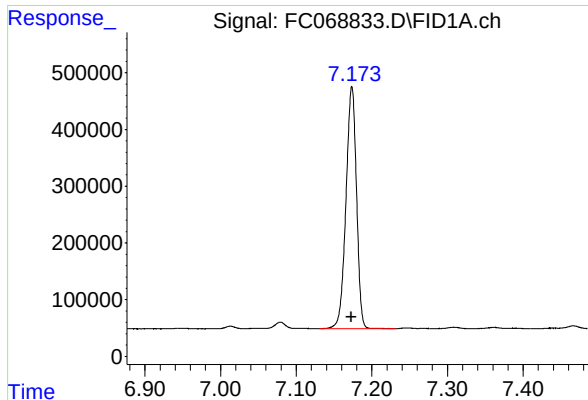
#3 A~Naphthalene (C11.7)

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 4363224
Conc: 39.57 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 3907827
Conc: 40.21 ug/ml



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

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 4142337
Conc: 38.59 ug/ml

Instrument :

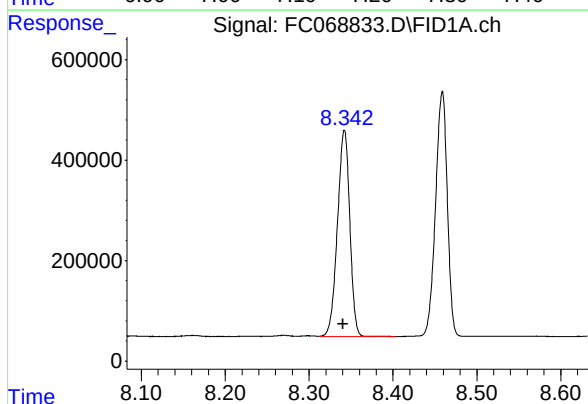
FID_C

ClientSampleId :

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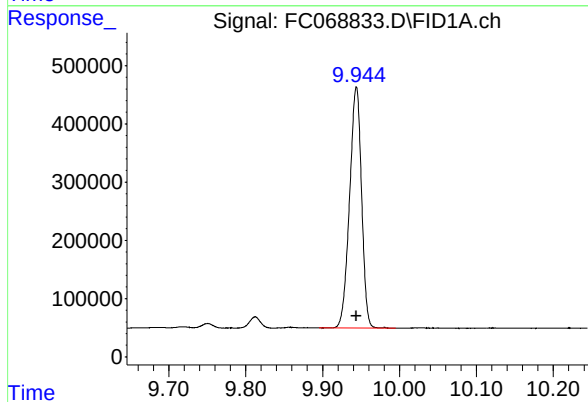
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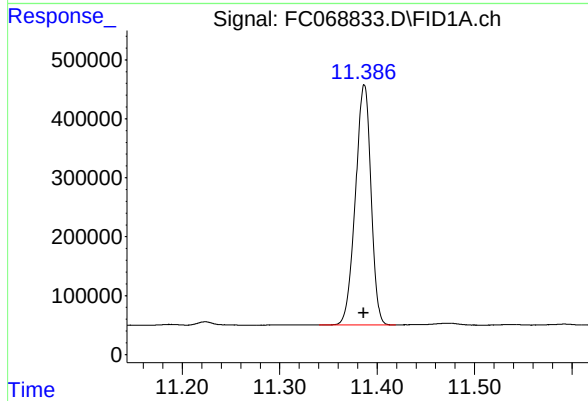
#6 n-Tetradecane (C14)

R.T.: 8.342 min
Delta R.T.: 0.001 min
Response: 4200644
Conc: 45.45 ug/ml



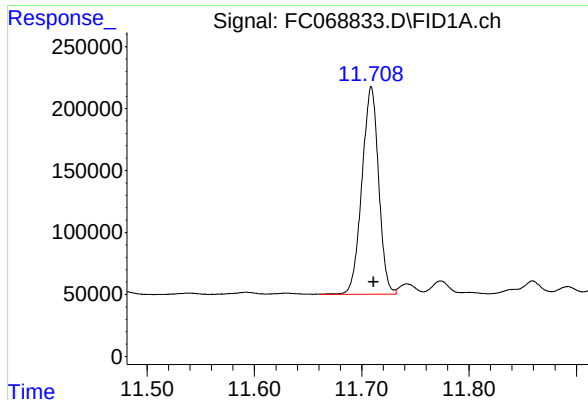
#7 n-Hexadecane (C16)

R.T.: 9.944 min
Delta R.T.: 0.000 min
Response: 4479939
Conc: 50.03 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.387 min
Delta R.T.: 0.000 min
Response: 4528864
Conc: 51.63 ug/ml



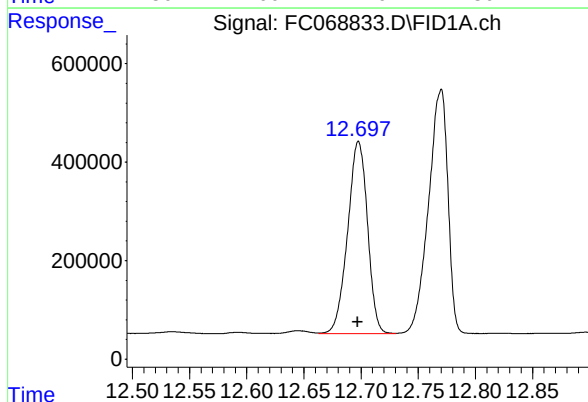
#9 ortho-Terphenyl (SURR)

R.T.: 11.709 min
Delta R.T.: -0.002 min
Response: 1811437
Conc: 15.87 ug/ml

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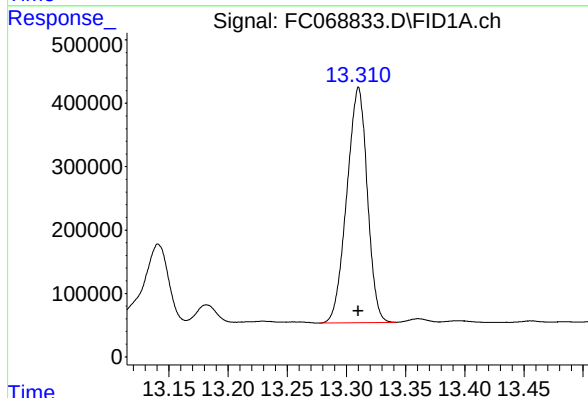
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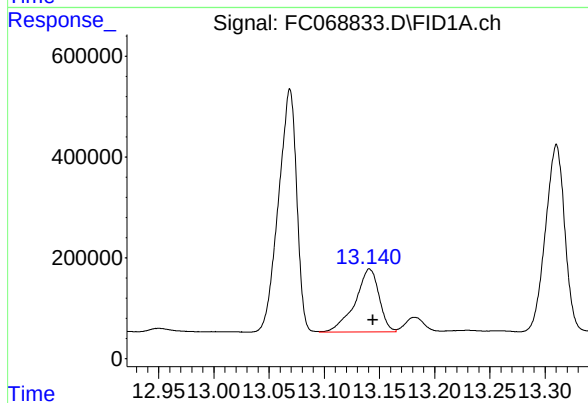
#10 n-Eicosane (C20)

R.T.: 12.698 min
Delta R.T.: 0.000 min
Response: 4728068
Conc: 55.48 ug/ml



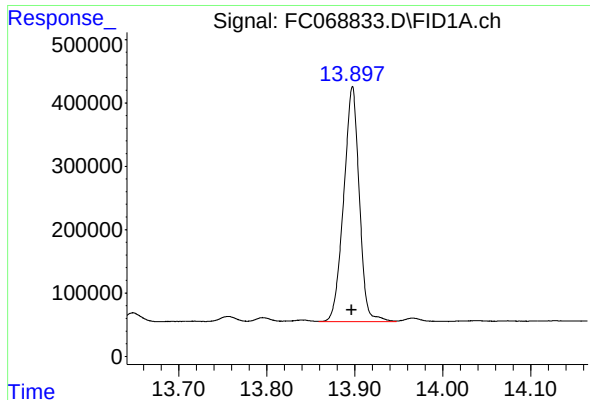
#11 n-Heneicosane (C21)

R.T.: 13.310 min
Delta R.T.: 0.000 min
Response: 4476663
Conc: 53.08 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.141 min
Delta R.T.: -0.003 min
Response: 1898574
Conc: 23.67 ug/ml



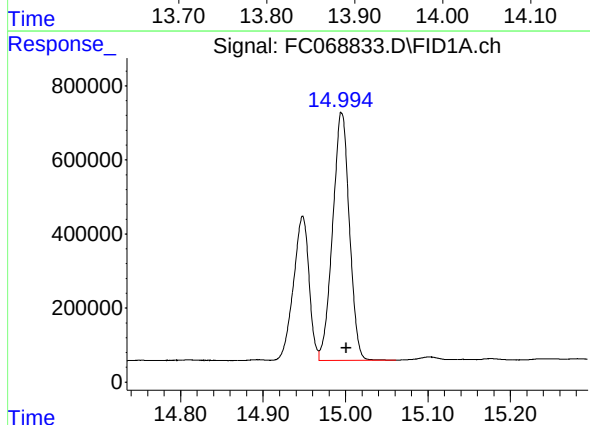
#13 n-Docosane (C22)

R.T.: 13.897 min
Delta R.T.: 0.000 min
Response: 4562311
Conc: 54.54 ug/ml

Instrument :
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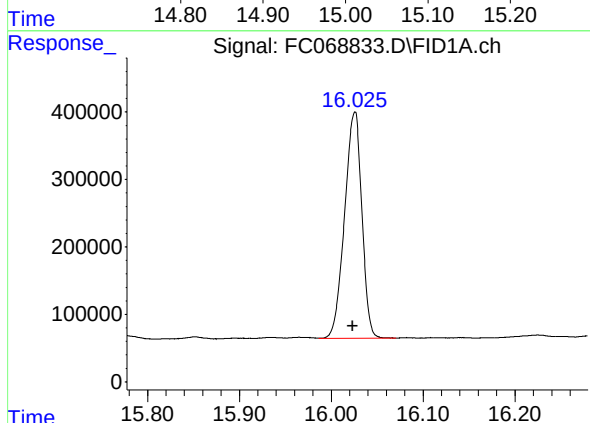
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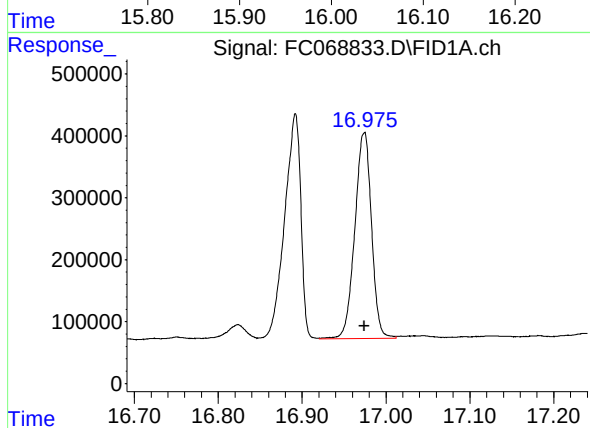
#14 n-Tetracosane (C24)

R.T.: 14.995 min
Delta R.T.: -0.005 min
Response: 9444845
Conc: 113.51 ug/ml



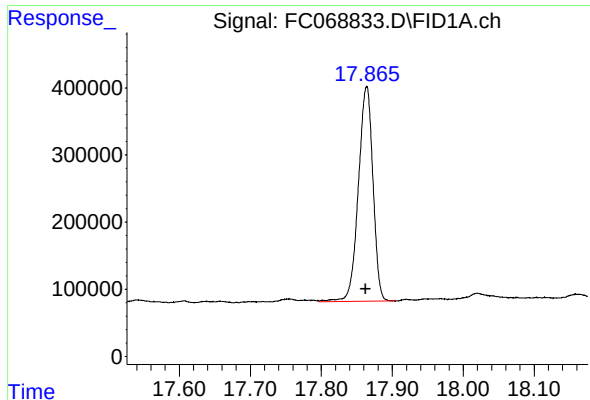
#15 n-Hexacosane (C26)

R.T.: 16.025 min
Delta R.T.: 0.002 min
Response: 4393493
Conc: 53.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.974 min
Delta R.T.: 0.000 min
Response: 4596739
Conc: 55.62 ug/ml



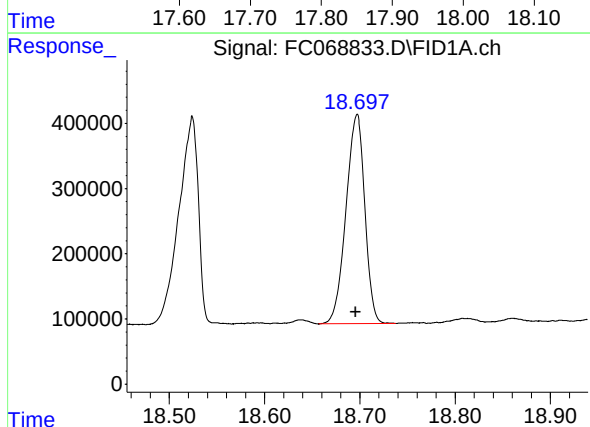
#17 n-Tricontane (C30)

R.T.: 17.864 min
Delta R.T.: 0.001 min
Response: 4578582
Conc: 54.11 ug/ml

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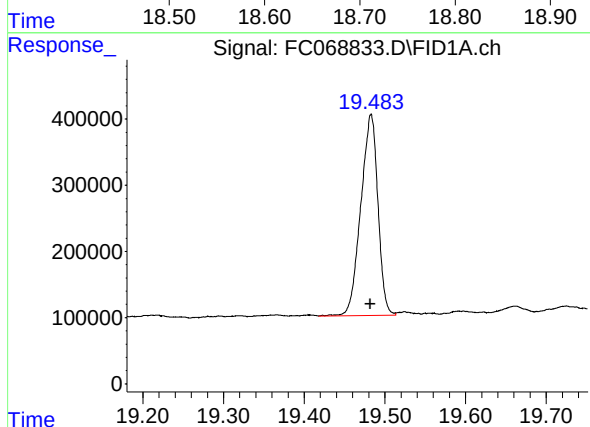
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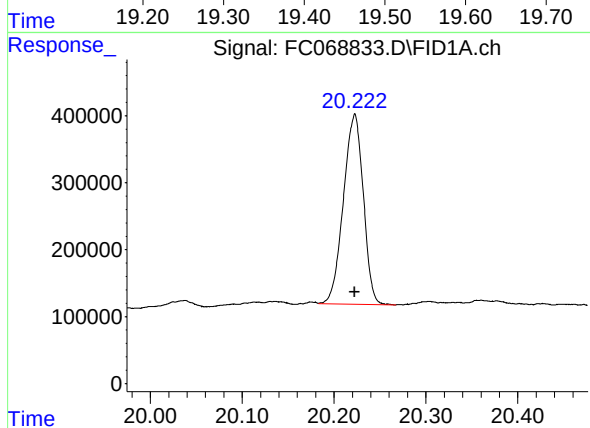
#18 n-Dotriacontane (C32)

R.T.: 18.697 min
Delta R.T.: 0.001 min
Response: 4433562
Conc: 51.47 ug/ml



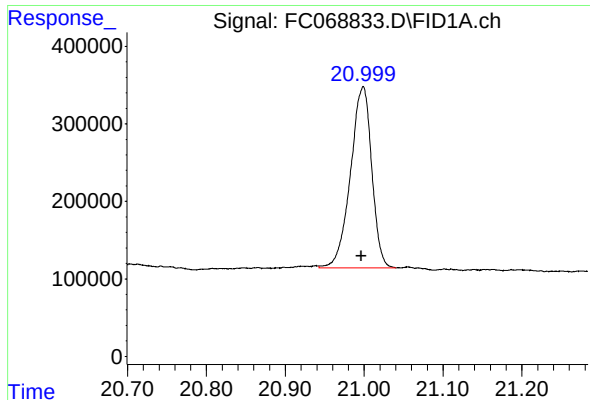
#19 n-Tetratriacontane (C34)

R.T.: 19.483 min
Delta R.T.: 0.000 min
Response: 4477325
Conc: 52.55 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.222 min
Delta R.T.: 0.000 min
Response: 4274205
Conc: 49.73 ug/ml



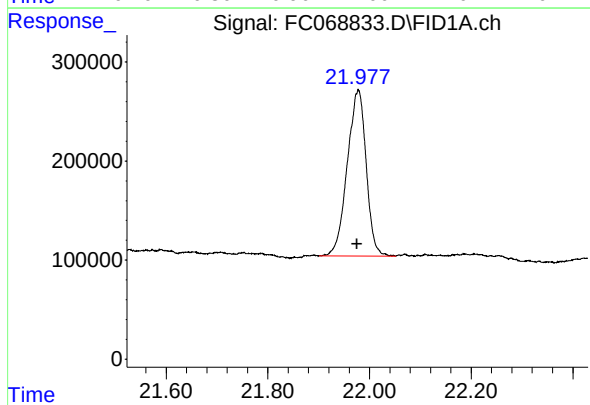
#21 n-Octatriacontane (C38)

R.T.: 20.999 min
Delta R.T.: 0.002 min
Response: 4371135
Conc: 52.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.978 min
Delta R.T.: 0.002 min
Response: 4319135
Conc: 52.70 ug/ml