

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC063025AL\
 Data File : FC069332.D
 Signal(s) : FID1A.ch
 Acq On : 30 Jun 2025 16:17
 Operator : YP/AJ
 Sample : PB168656BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168656BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2025
 Supervised By :mohammad ahmed 07/01/2025

Integration File: autoint1.e
 Quant Time: Jul 01 05:04:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 14:24:27 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)	11.680	5834933	33.775 ug/ml
Spiked Amount 50.000		Recovery =	67.55%
12) S 1-chlorooctadecane (S...	13.115	4587299	35.114 ug/ml
Spiked Amount 50.000		Recovery =	70.23%
Target Compounds			
1) T n-Nonane (C9)	3.414	5119411	35.997 ug/ml
2) T n-Decane (C10)	4.484	5380650	36.754 ug/ml
3) T A~Naphthalene (C11.7)	6.077	6496350	40.376 ug/ml
4) T n-Dodecane (C12)	6.506	5517945	36.440 ug/ml
5) T A~2-methylnaphthalene...	7.137	6044102	38.193 ug/ml
6) T n-Tetradecane (C14)	8.308	5509376	35.543 ug/ml
7) T n-Hexadecane (C16)	9.911	5525232	33.811 ug/ml
8) T n-Octadecane (C18)	11.357	5384324	32.978 ug/ml
10) T n-Eicosane (C20)	12.669	5382255	35.261 ug/ml
11) T n-Heneicosane (C21)	13.282	5087242	34.515 ug/ml
13) T n-Docosane (C22)	13.868	4968749	34.533 ug/ml
14) T n-Tetracosane (C24)	14.967	9743843	70.643 ug/ml
15) T n-Hexacosane (C26)	15.998	4538754	34.720 ug/ml
16) T n-Octacosane (C28)	16.947	4339358	35.185 ug/ml
17) T n-Tricontane (C30)	17.837	4214859	35.454 ug/ml
18) T n-Dotriacontane (C32)	18.671	4074467	37.265 ug/ml
19) T n-Tetratriacontane (C34)	19.457	4170548	43.188 ug/ml
20) T n-Hexatriacontane (C36)	20.197	3931514	47.705 ug/ml
21) T n-Octatriacontane (C38)	20.965	3904570	52.249 ug/ml
22) T n-Tetracontane (C40)	21.935	3764518	53.159 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Integration File: autoint1.e

Quant Time: Jul 01 05:04:54 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M

Quant Title : GC Extractables

QLast Update : Wed Jun 18 14:24:27 2025

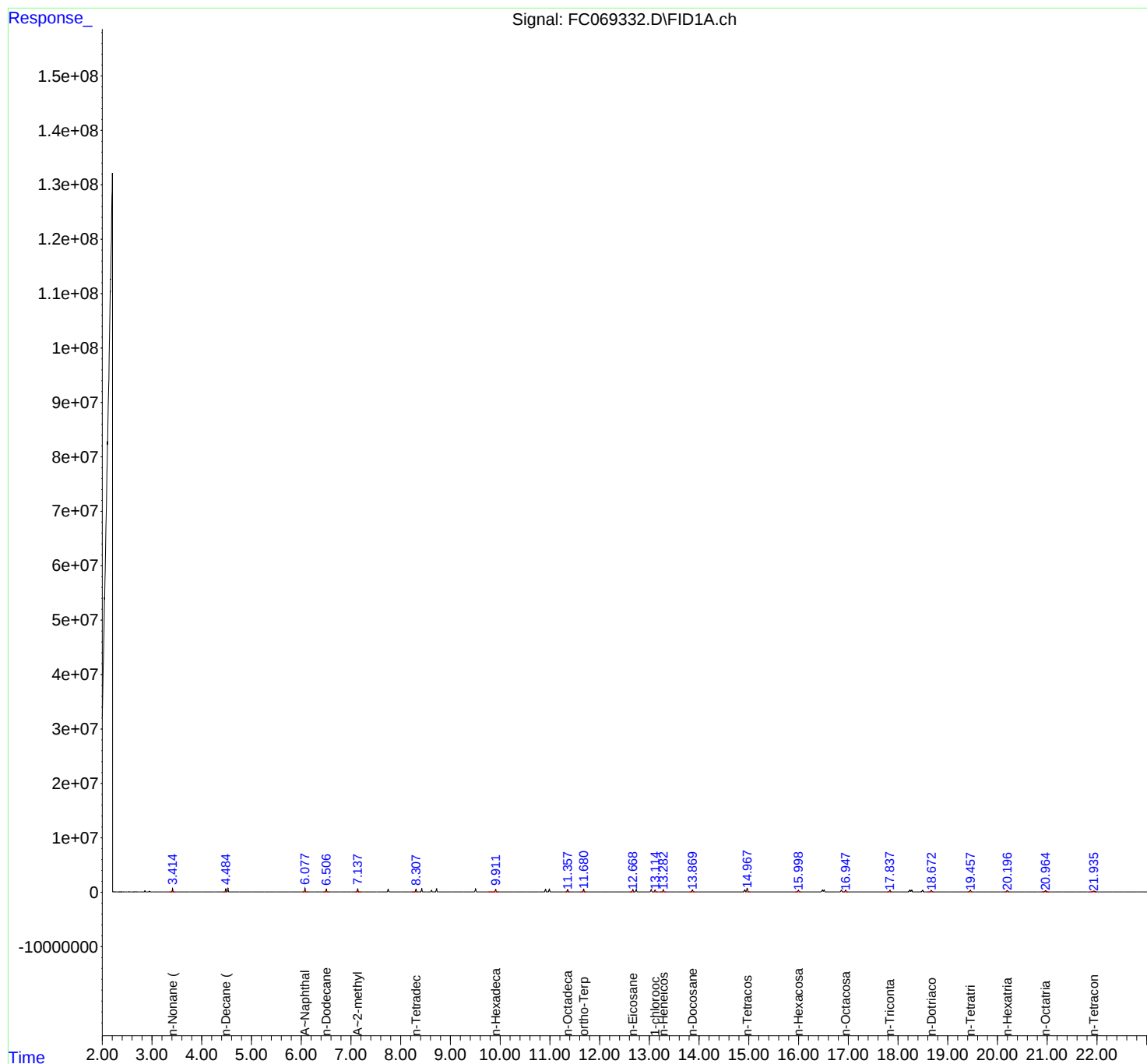
Response via : Initial Calibration

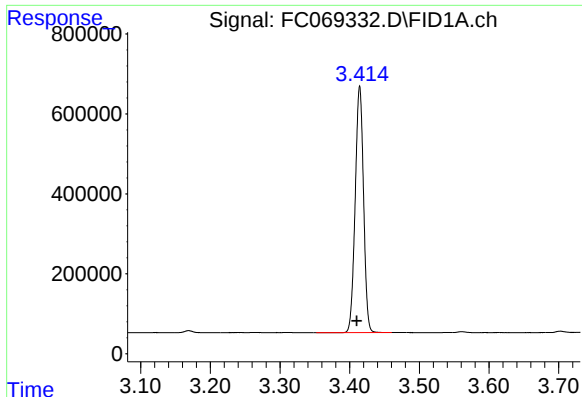
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.414 min
Delta R.T.: 0.004 min
Response: 5119411
Conc: 36.00 ug/ml

Instrument :

FID_C

ClientSampleId :

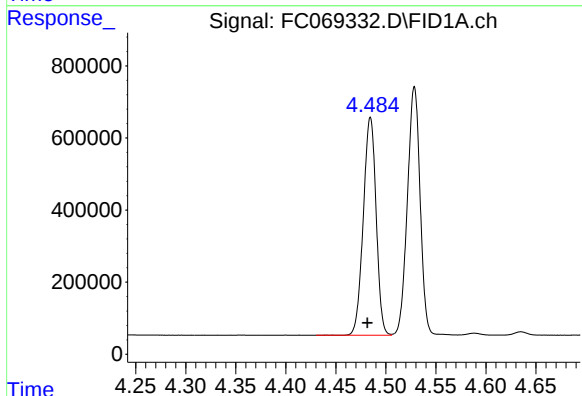
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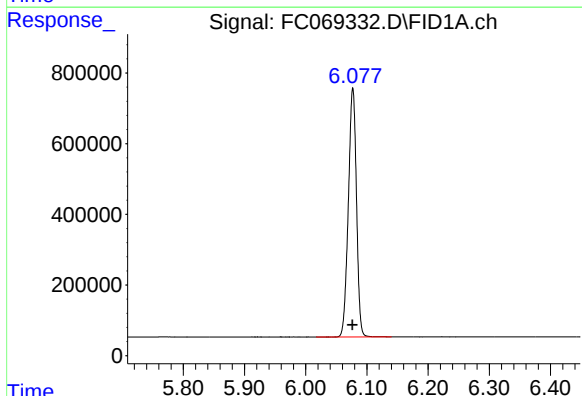
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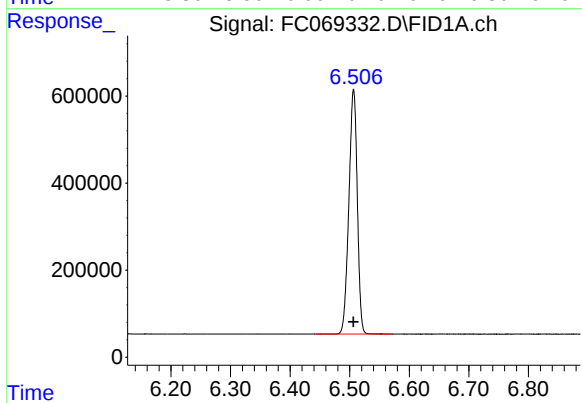
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: 0.003 min
Response: 5380650
Conc: 36.75 ug/ml



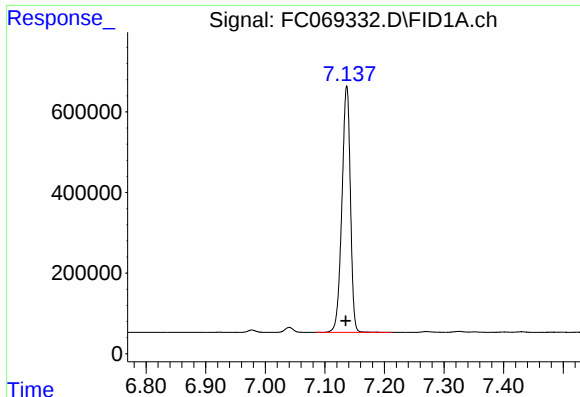
#3 A~Naphthalene (C11.7)

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 6496350
Conc: 40.38 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 5517945
Conc: 36.44 ug/ml



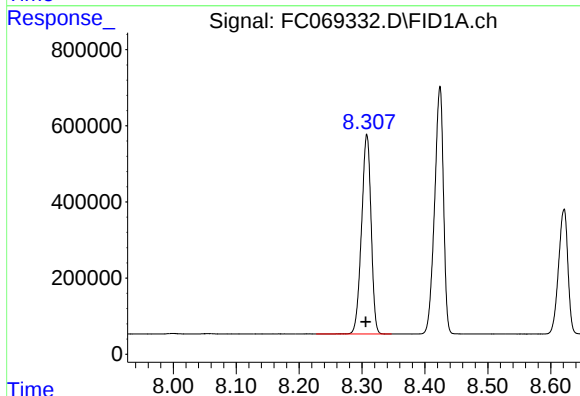
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.137 min
Delta R.T.: 0.001 min
Response: 6044102
Conc: 38.19 ug/ml

Instrument :
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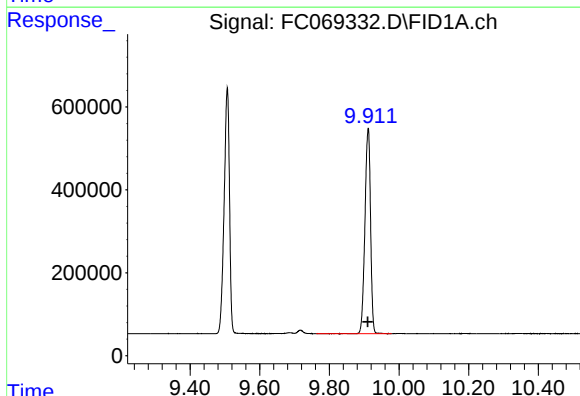
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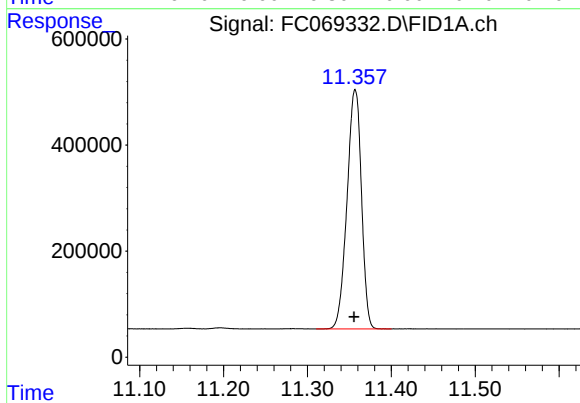
#6 n-Tetradecane (C14)

R.T.: 8.308 min
Delta R.T.: 0.002 min
Response: 5509376
Conc: 35.54 ug/ml



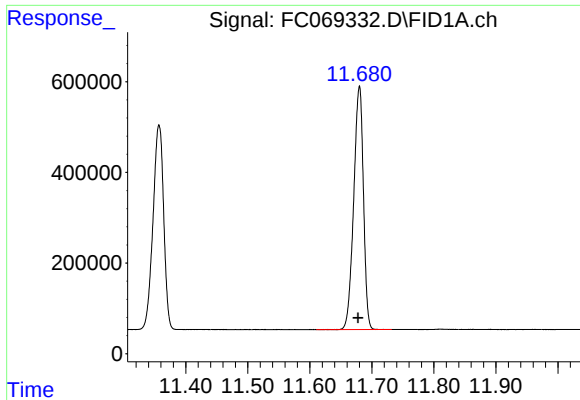
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: 0.000 min
Response: 5525232
Conc: 33.81 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.357 min
Delta R.T.: 0.001 min
Response: 5384324
Conc: 32.98 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.680 min
Delta R.T.: 0.002 min
Response: 5834933
Conc: 33.78 ug/ml

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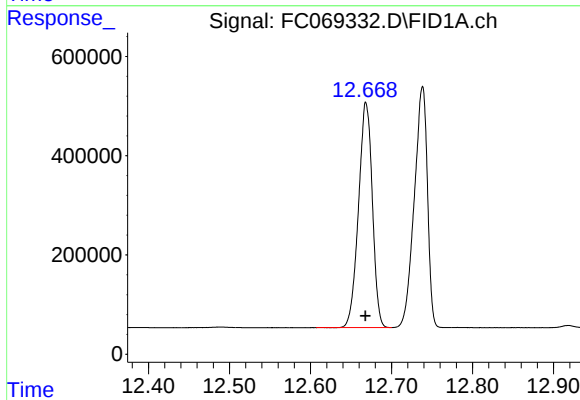
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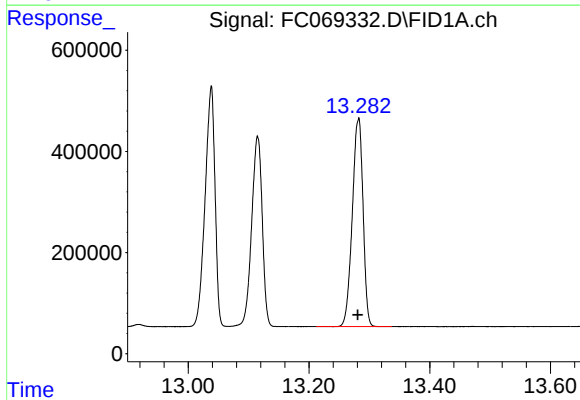
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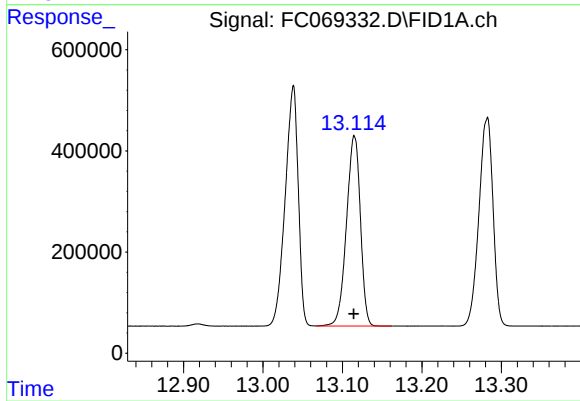
#10 n-Eicosane (C20)

R.T.: 12.669 min
Delta R.T.: 0.000 min
Response: 5382255
Conc: 35.26 ug/ml



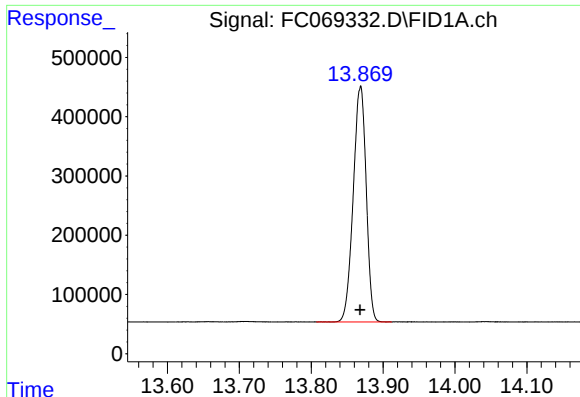
#11 n-Heneicosane (C21)

R.T.: 13.282 min
Delta R.T.: 0.001 min
Response: 5087242
Conc: 34.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.115 min
Delta R.T.: 0.000 min
Response: 4587299
Conc: 35.11 ug/ml



#13 n-Docosane (C22)

R.T.: 13.868 min
Delta R.T.: 0.000 min
Response: 4968749
Conc: 34.53 ug/ml

Instrument :

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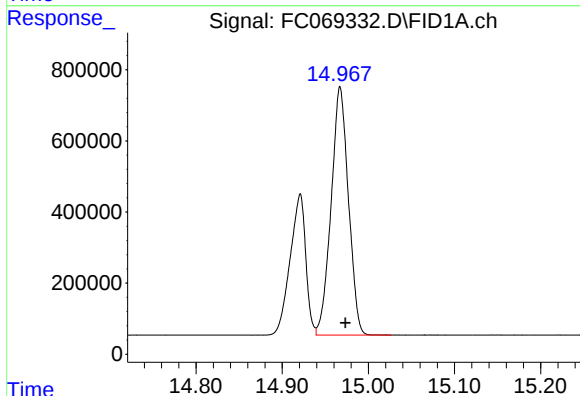
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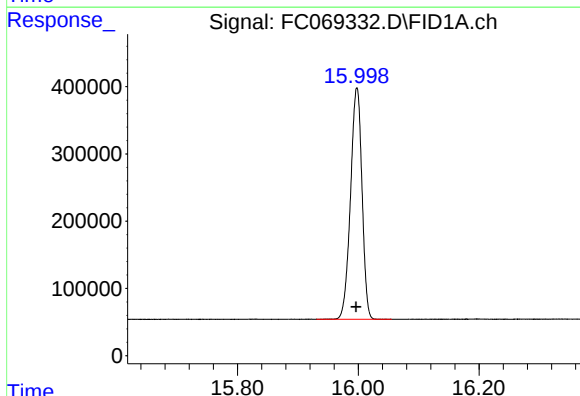
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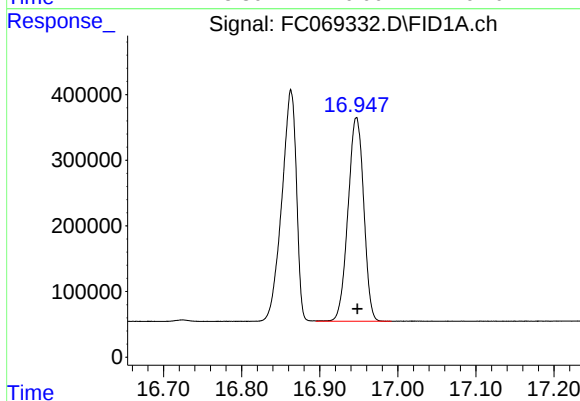
#14 n-Tetracosane (C24)

R.T.: 14.967 min
Delta R.T.: -0.006 min
Response: 9743843
Conc: 70.64 ug/ml



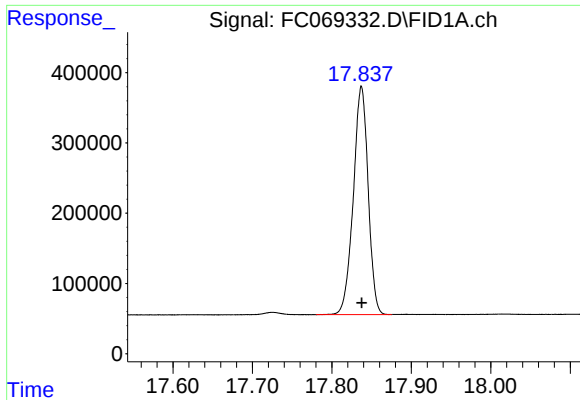
#15 n-Hexacosane (C26)

R.T.: 15.998 min
Delta R.T.: 0.001 min
Response: 4538754
Conc: 34.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.947 min
Delta R.T.: -0.001 min
Response: 4339358
Conc: 35.19 ug/ml



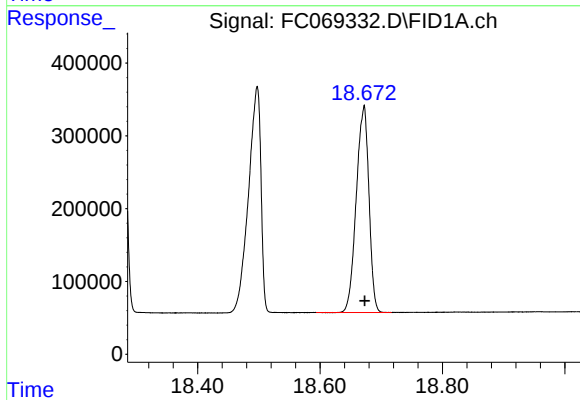
#17 n-Tricontane (C30)

R.T.: 17.837 min
Delta R.T.: 0.000 min
Response: 4214859
Conc: 35.45 ug/ml

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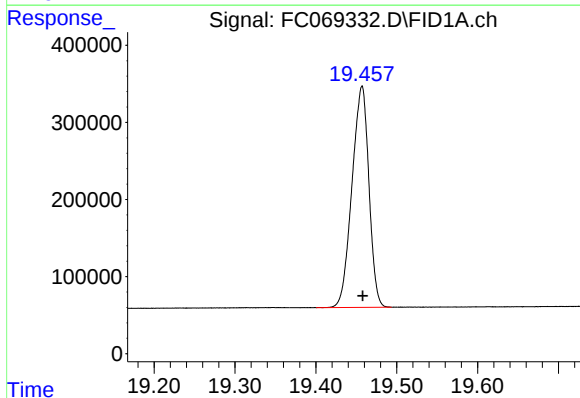
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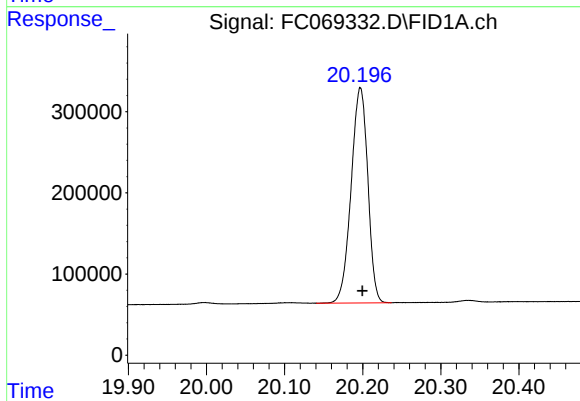
#18 n-Dotriacontane (C32)

R.T.: 18.671 min
Delta R.T.: -0.002 min
Response: 4074467
Conc: 37.27 ug/ml



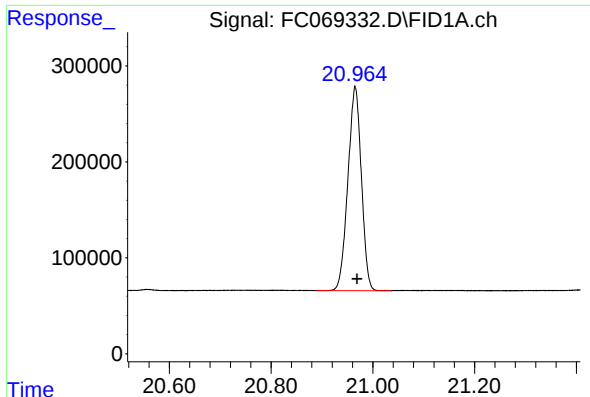
#19 n-Tetratriacontane (C34)

R.T.: 19.457 min
Delta R.T.: -0.001 min
Response: 4170548
Conc: 43.19 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.197 min
Delta R.T.: -0.003 min
Response: 3931514
Conc: 47.71 ug/ml



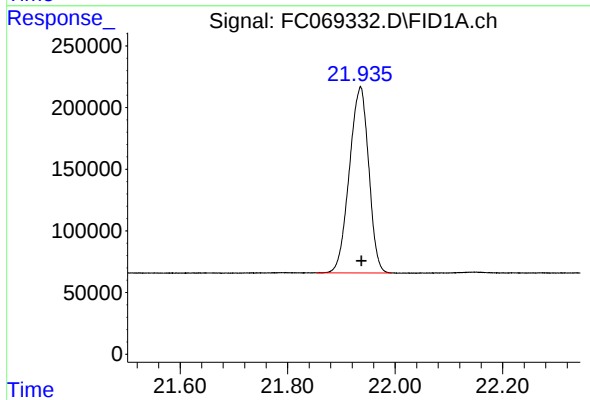
#21 n-Octatriacontane (C38)

R.T.: 20.965 min
Delta R.T.: -0.003 min
Response: 3904570
Conc: 52.25 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.935 min
Delta R.T.: -0.002 min
Response: 3764518
Conc: 53.16 ug/ml m