

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070125AL\
 Data File : FC069350.D
 Signal(s) : FID1A.ch
 Acq On : 01 Jul 2025 19:17
 Operator : YP/AJ
 Sample : Q2469-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WC-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2025
 Supervised By :mohammad ahmed 07/02/2025

Integration File: autoint1.e
 Quant Time: Jul 02 00:33:23 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)	11.678	4054764	23.471 ug/ml
Spiked Amount 50.000		Recovery =	46.94%
12) S 1-chlorooctadecane (S...	13.114	3401638	26.038 ug/ml
Spiked Amount 50.000		Recovery =	52.08%
Target Compounds			
1) T n-Nonane (C9)	3.406	3763496	26.463 ug/ml
2) T n-Decane (C10)	4.480	4183357	28.576 ug/ml
3) T A~Naphthalene (C11.7)	6.075	5319201	33.060 ug/ml
4) T n-Dodecane (C12)	6.506	4587677	30.297 ug/ml
5) T A~2-methylnaphthalene...	7.135	5216767	32.965 ug/ml
6) T n-Tetradecane (C14)	8.306	5007326	32.304 ug/ml
7) T n-Hexadecane (C16)	9.911	5410487	33.109 ug/ml
8) T n-Octadecane (C18)	11.356	5373461	32.911 ug/ml
10) T n-Eicosane (C20)	12.668	5540803	36.300 ug/ml
11) T n-Heneicosane (C21)	13.282	5237347	35.533 ug/ml
13) T n-Docosane (C22)	13.869	5183324	36.025 ug/ml
14) T n-Tetracosane (C24)	14.968	10461804	75.848 ug/ml
15) T n-Hexacosane (C26)	15.998	4637232	35.474 ug/ml
16) T n-Octacosane (C28)	16.948	4515229	36.611 ug/ml
17) T n-Tricontane (C30)	17.838	4311063	36.263 ug/ml
18) T n-Dotriacontane (C32)	18.670	4282036	39.163 ug/ml
19) T n-Tetratriacontane (C34)	19.454	4420523	45.777 ug/ml
20) T n-Hexatriacontane (C36)	20.195	4148353	50.336 ug/ml
21) T n-Octatriacontane (C38)	20.965	4155943	55.612 ug/ml
22) T n-Tetracontane (C40)	21.931	4093175	57.800 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : Q2469-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

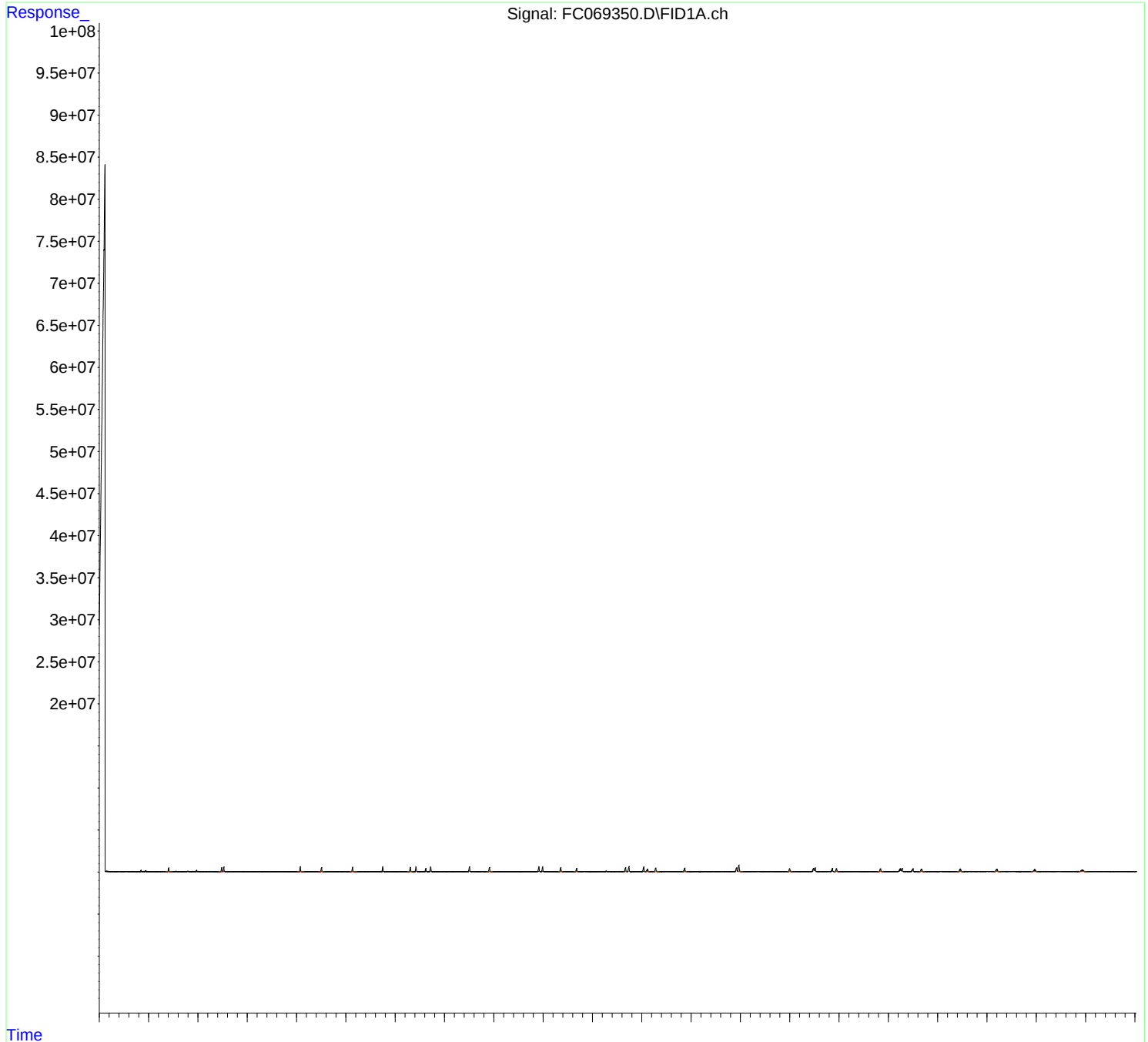
Instrument :
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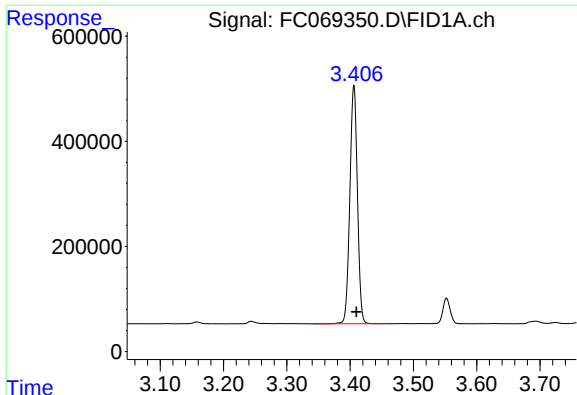
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.406 min
Delta R.T.: -0.004 min
Response: 3763496
Conc: 26.46 ug/ml

Instrument :

FID_C

ClientSampleId :

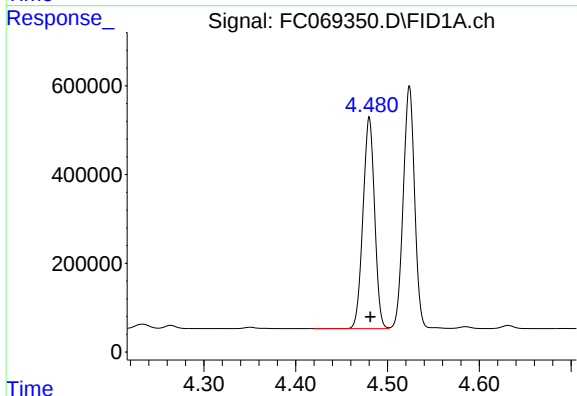
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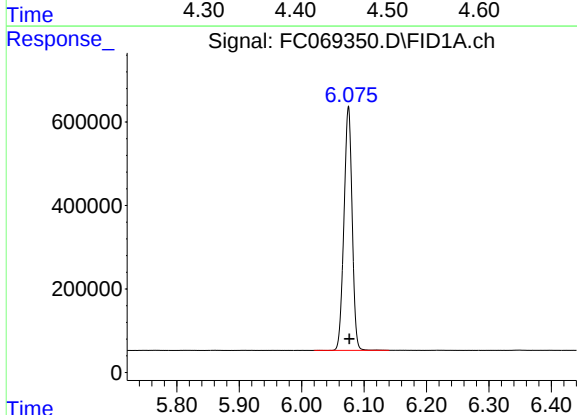
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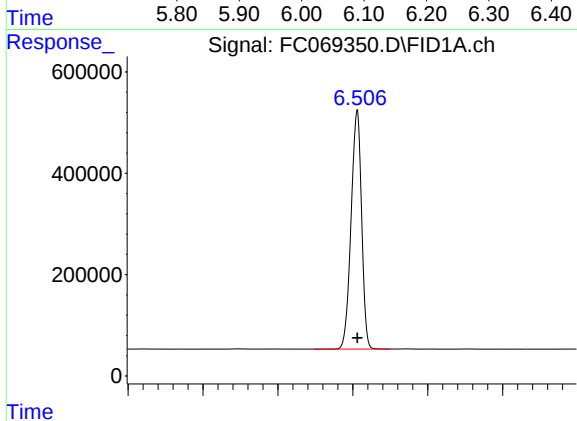
#2 n-Decane (C10)

R.T.: 4.480 min
Delta R.T.: -0.001 min
Response: 4183357
Conc: 28.58 ug/ml



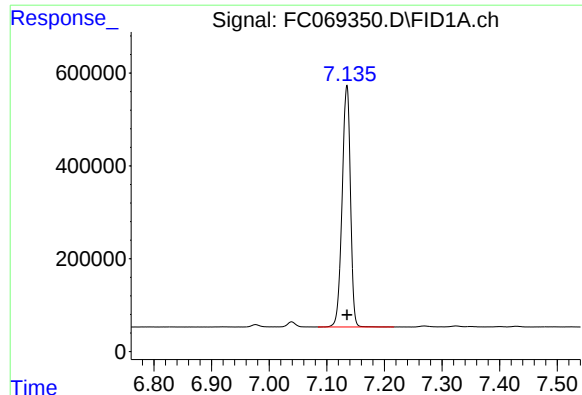
#3 A~Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: -0.001 min
Response: 5319201
Conc: 33.06 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 4587677
Conc: 30.30 ug/ml



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

R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 5216767
Conc: 32.97 ug/ml

Instrument :

FID_C

ClientSampleId :

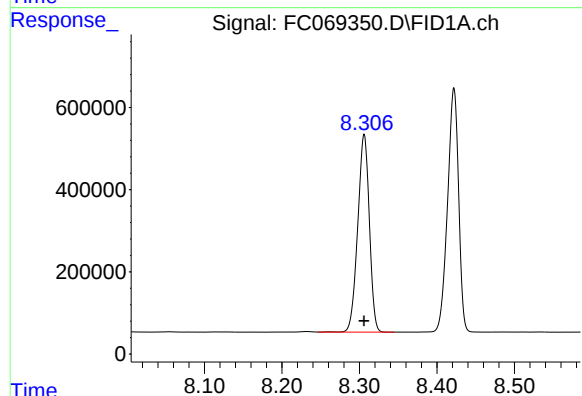
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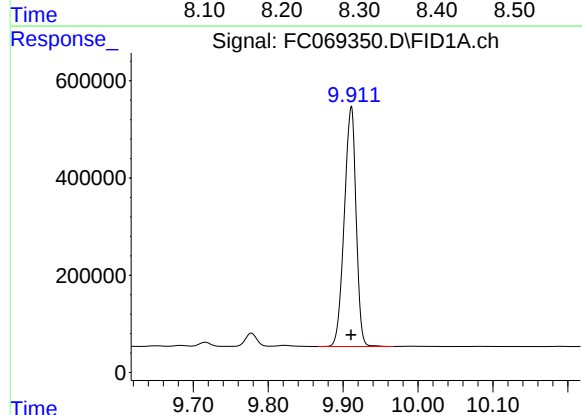
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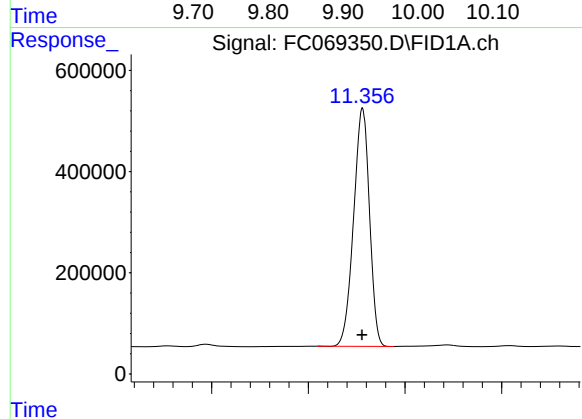
#6 n-Tetradecane (C14)

R.T.: 8.306 min
Delta R.T.: 0.000 min
Response: 5007326
Conc: 32.30 ug/ml



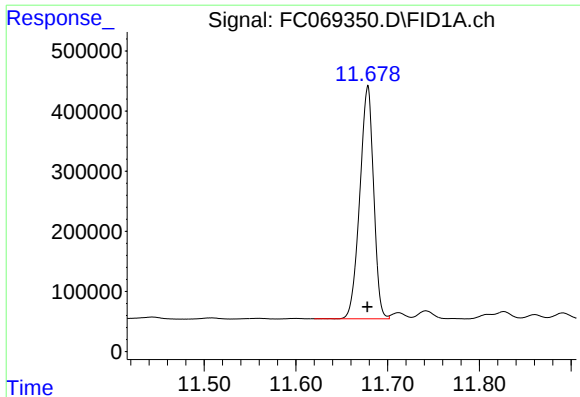
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: 0.000 min
Response: 5410487
Conc: 33.11 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.356 min
Delta R.T.: 0.000 min
Response: 5373461
Conc: 32.91 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.678 min
Delta R.T.: 0.000 min
Response: 4054764
Conc: 23.47 ug/ml

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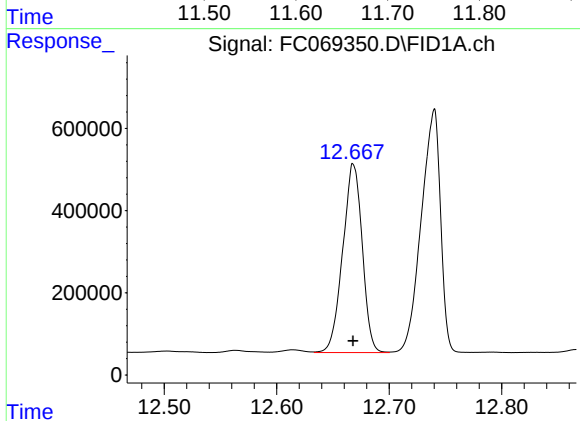
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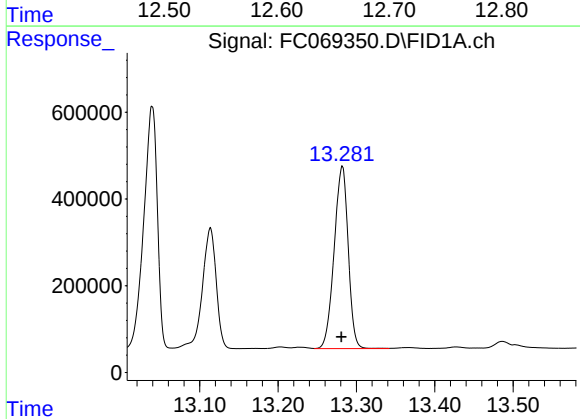
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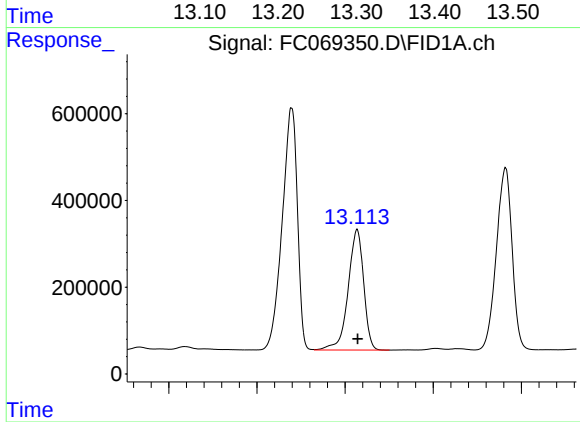
#10 n-Eicosane (C20)

R.T.: 12.668 min
Delta R.T.: 0.000 min
Response: 5540803
Conc: 36.30 ug/ml



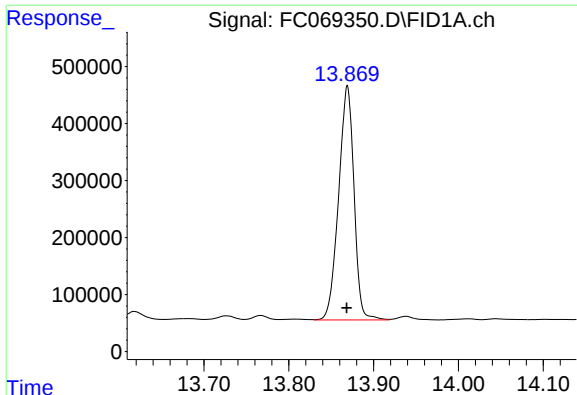
#11 n-Heneicosane (C21)

R.T.: 13.282 min
Delta R.T.: 0.001 min
Response: 5237347
Conc: 35.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.114 min
Delta R.T.: 0.000 min
Response: 3401638
Conc: 26.04 ug/ml



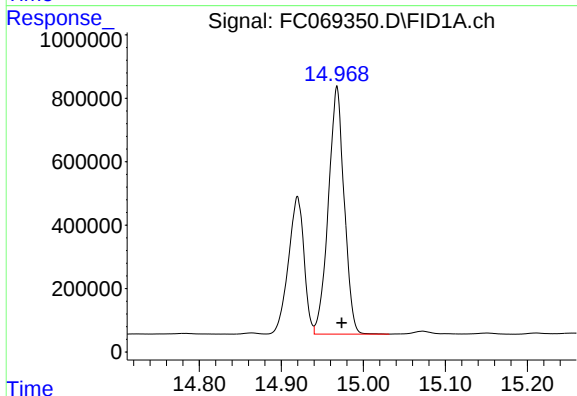
#13 n-Docosane (C22)

R.T.: 13.869 min
Delta R.T.: 0.000 min
Response: 5183324
Conc: 36.02 ug/ml

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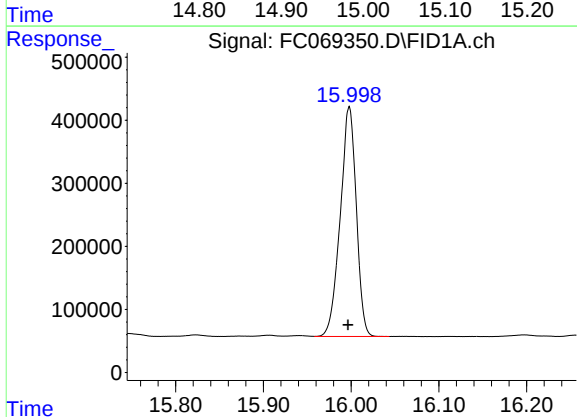
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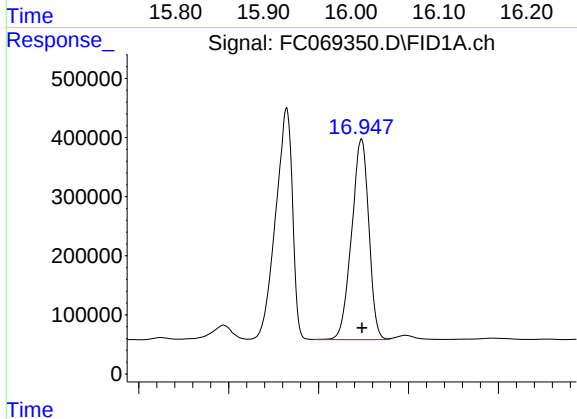
#14 n-Tetracosane (C24)

R.T.: 14.968 min
Delta R.T.: -0.006 min
Response: 10461804
Conc: 75.85 ug/ml



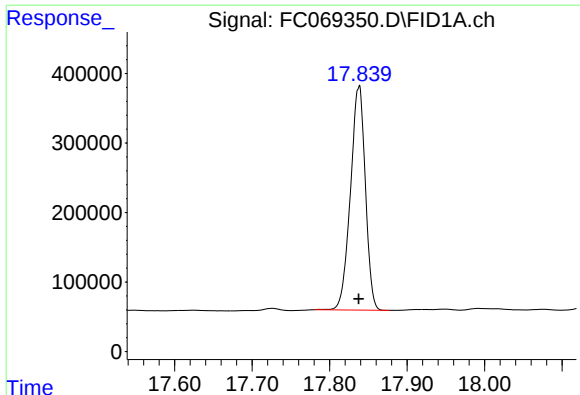
#15 n-Hexacosane (C26)

R.T.: 15.998 min
Delta R.T.: 0.001 min
Response: 4637232
Conc: 35.47 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.948 min
Delta R.T.: 0.000 min
Response: 4515229
Conc: 36.61 ug/ml



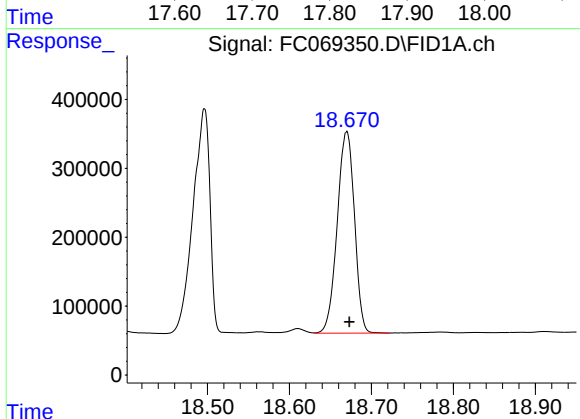
#17 n-Tricontane (C30)

R.T.: 17.838 min
Delta R.T.: 0.000 min
Response: 4311063
Conc: 36.26 ug/ml

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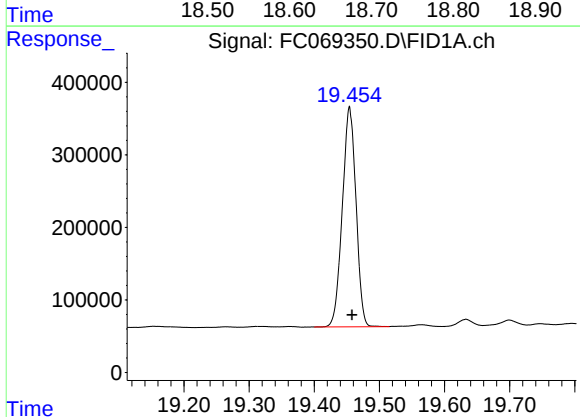
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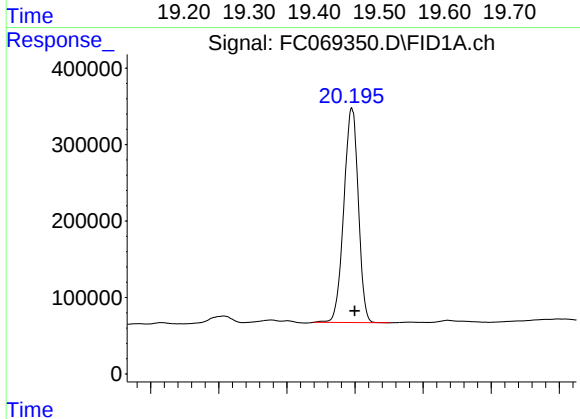
#18 n-Dotriacontane (C32)

R.T.: 18.670 min
Delta R.T.: -0.003 min
Response: 4282036
Conc: 39.16 ug/ml



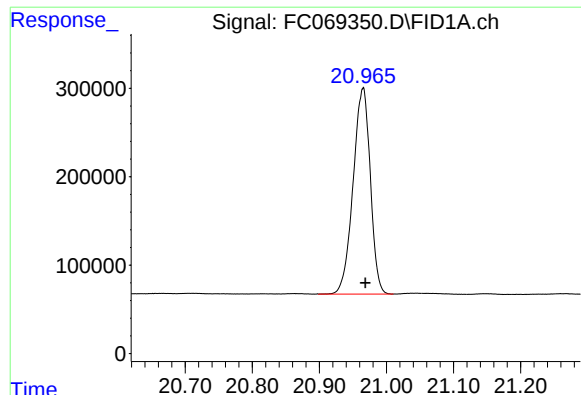
#19 n-Tetratriacontane (C34)

R.T.: 19.454 min
Delta R.T.: -0.004 min
Response: 4420523
Conc: 45.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.195 min
Delta R.T.: -0.004 min
Response: 4148353
Conc: 50.34 ug/ml



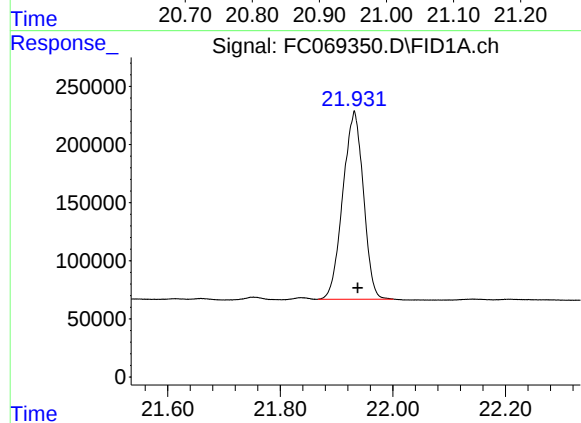
#21 n-Octatriacontane (C38)

R.T.: 20.965 min
Delta R.T.: -0.004 min
Response: 4155943
Conc: 55.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.931 min
Delta R.T.: -0.006 min
Response: 4093175
Conc: 57.80 ug/ml m