

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071625AL\
 Data File : FC069466.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jul 2025 20:39
 Operator : YP/AJ
 Sample : Q2600-05MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 STOCK-PILEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2025
 Supervised By :mohammad ahmed 07/18/2025

Integration File: sample.E
 Quant Time: Jul 17 06:51:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:35:59 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			
12) S 1-chlorooctadecane (S...	13.110	3917888	34.668 ug/mlm
Spiked Amount 50.000		Recovery =	69.34%
Target Compounds			
1) T n-Nonane (C9)	3.402	2480837	18.231 ug/mlm
2) T n-Decane (C10)	4.476	4067352	29.223 ug/ml
4) T n-Dodecane (C12)	6.501	4809773	33.935 ug/ml
6) T n-Tetradecane (C14)	8.300	4851035	34.118 ug/ml
7) T n-Hexadecane (C16)	9.905	5299600	36.308 ug/ml
8) T n-Octadecane (C18)	11.351	5174758	35.974 ug/ml
10) T n-Eicosane (C20)	12.665	5364835	39.961 ug/mlm
11) T n-Heneicosane (C21)	13.278	4939957	38.031 ug/mlm
13) T n-Docosane (C22)	13.866	5039838	39.681 ug/mlm
14) T n-Tetracosane (C24)	14.974	4915532	40.274 ug/mlm
15) T n-Hexacosane (C26)	15.996	4539062	39.069 ug/mlm
16) T n-Octacosane (C28)	16.947	4366334	39.438 ug/mlm
17) T n-Tricontane (C30)	17.833	4270932	39.004 ug/mlm
18) T n-Dotriacontane (C32)	18.666	4060662	39.131 ug/ml
19) T n-Tetratriacontane (C34)	19.450	4187655	44.442 ug/ml
20) T n-Hexatriacontane (C36)	20.189	3783236	45.803 ug/ml
21) T n-Octatriacontane (C38)	20.955	3853118	50.729 ug/ml
22) T n-Tetracontane (C40)	21.920	3744586	51.122 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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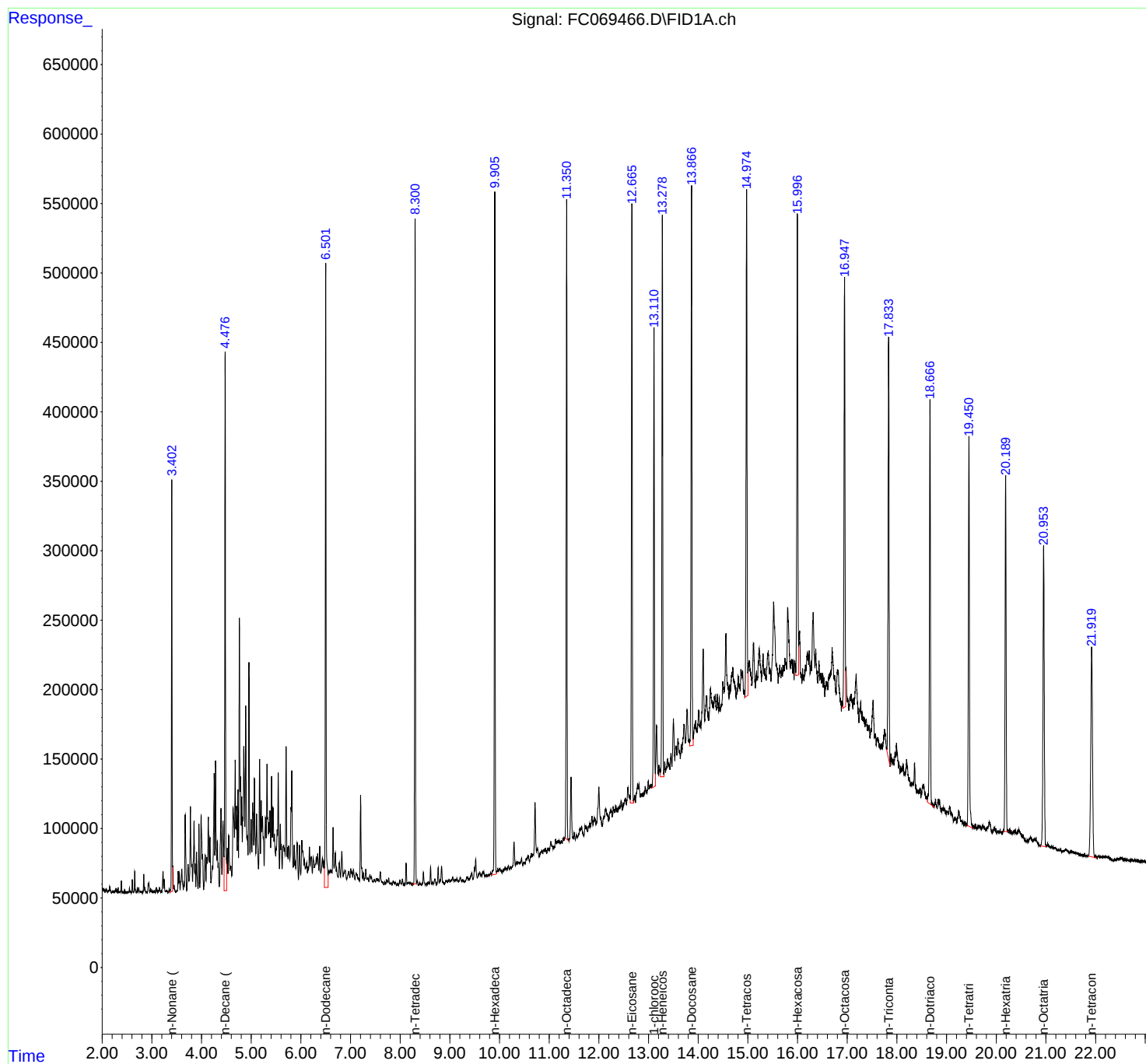
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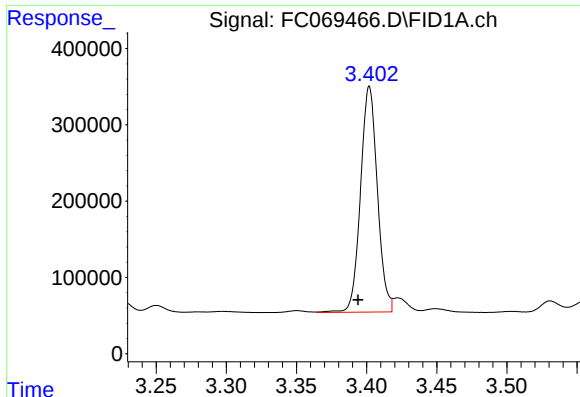
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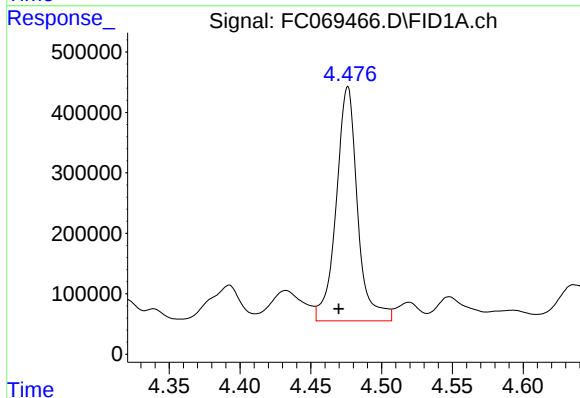
#1 n-Nonane (C9)

R.T.: 3.402 min
Delta R.T.: 0.008 min
Response: 2480837
Conc: 18.23 ug/ml

Instrument :
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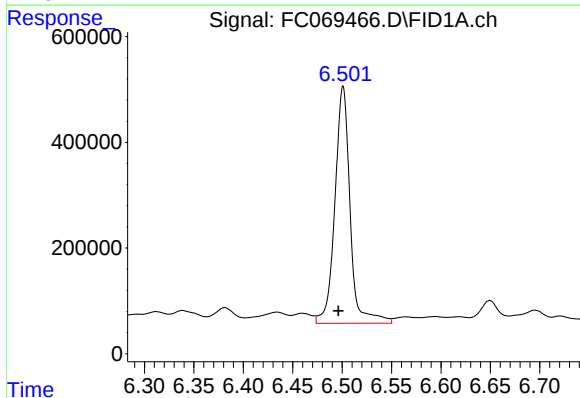
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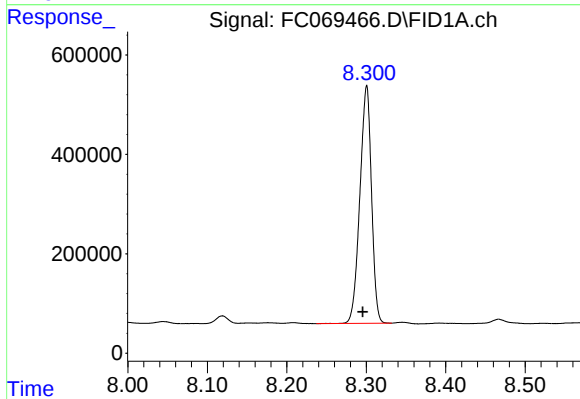
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: 0.006 min
Response: 4067352
Conc: 29.22 ug/ml



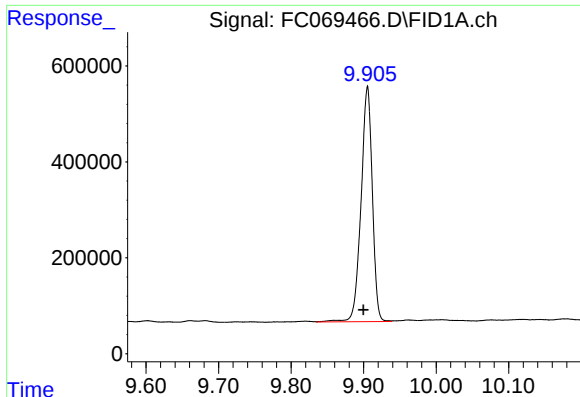
#4 n-Dodecane (C12)

R.T.: 6.501 min
Delta R.T.: 0.005 min
Response: 4809773
Conc: 33.93 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.300 min
Delta R.T.: 0.005 min
Response: 4851035
Conc: 34.12 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.905 min
Delta R.T.: 0.005 min
Response: 5299600
Conc: 36.31 ug/ml

Instrument :

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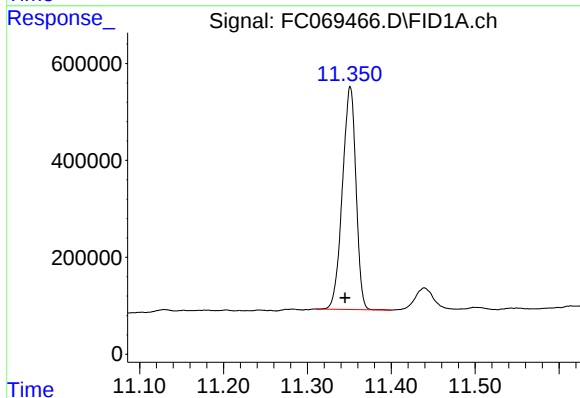
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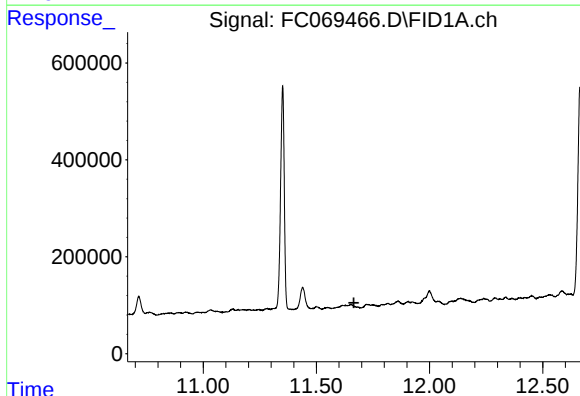
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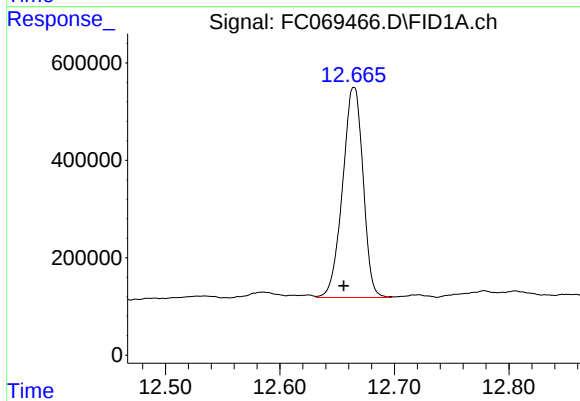
#8 n-Octadecane (C18)

R.T.: 11.351 min
Delta R.T.: 0.006 min
Response: 5174758
Conc: 35.97 ug/ml



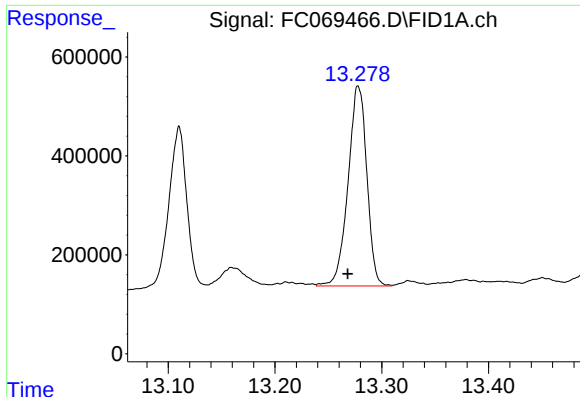
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.666 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.665 min
Delta R.T.: 0.009 min
Response: 5364835
Conc: 39.96 ug/ml m



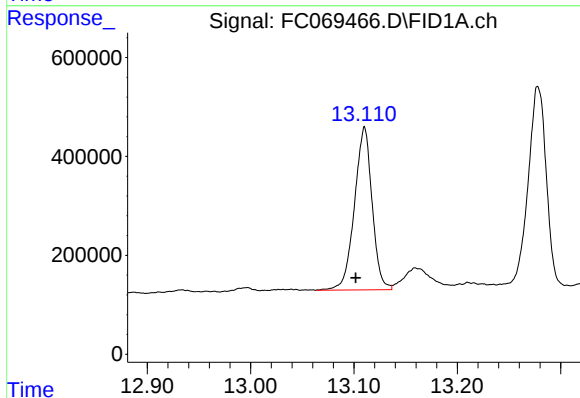
#11 n-Heneicosane (C21)

R.T.: 13.278 min
Delta R.T.: 0.009 min
Response: 4939957
Conc: 38.03 ug/ml

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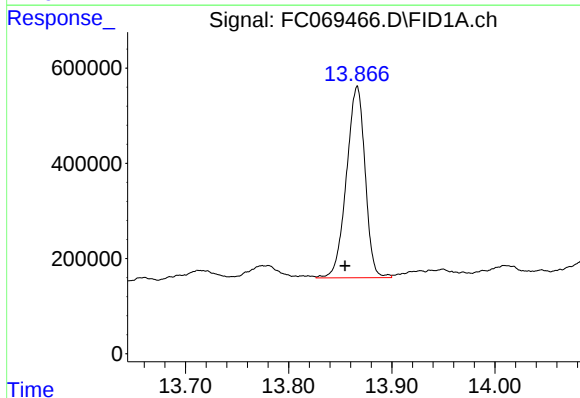
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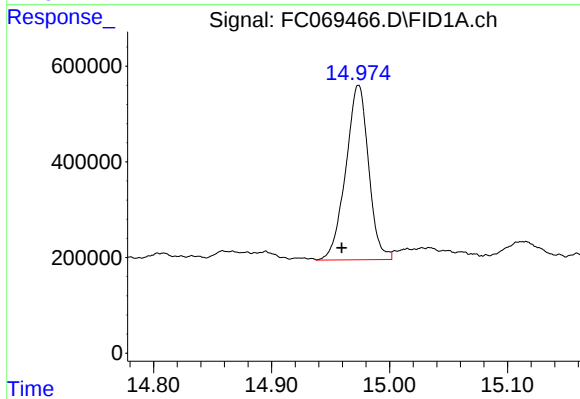
#12 1-chlorooctadecane (SURR)

R.T.: 13.110 min
Delta R.T.: 0.008 min
Response: 3917888
Conc: 34.67 ug/ml m



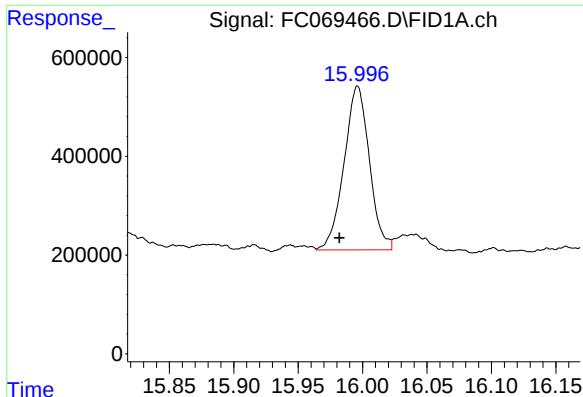
#13 n-Docosane (C22)

R.T.: 13.866 min
Delta R.T.: 0.012 min
Response: 5039838
Conc: 39.68 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.974 min
Delta R.T.: 0.014 min
Response: 4915532
Conc: 40.27 ug/ml m



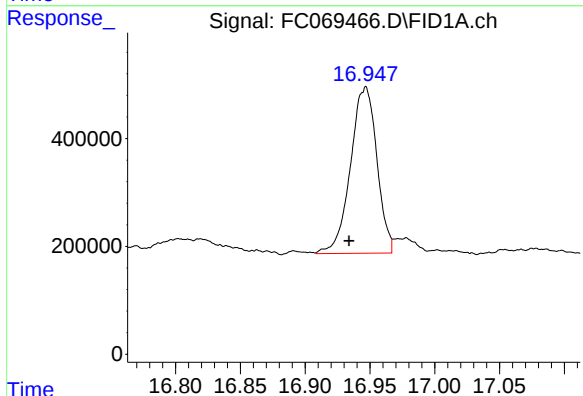
#15 n-Hexacosane (C26)

R.T.: 15.996 min
Delta R.T.: 0.014 min
Response: 4539062
Conc: 39.07 ug/ml

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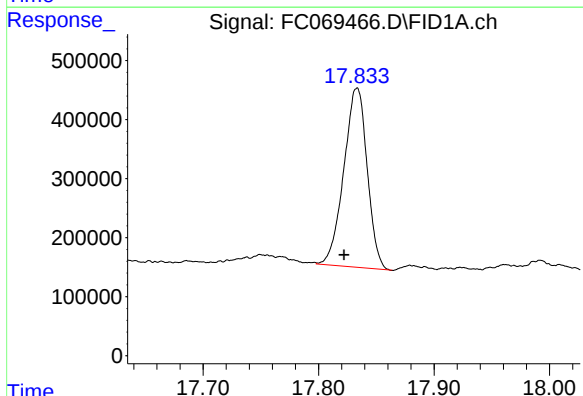
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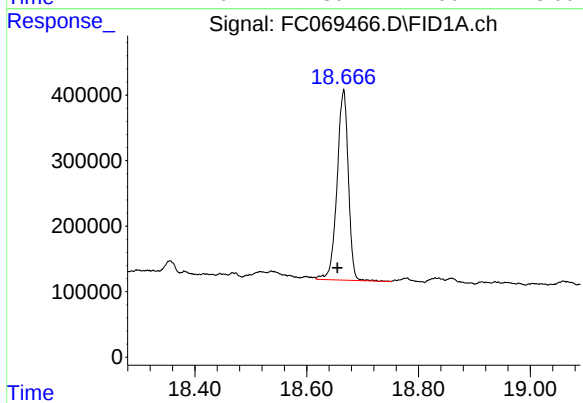
#16 n-Octacosane (C28)

R.T.: 16.947 min
Delta R.T.: 0.013 min
Response: 4366334
Conc: 39.44 ug/ml m



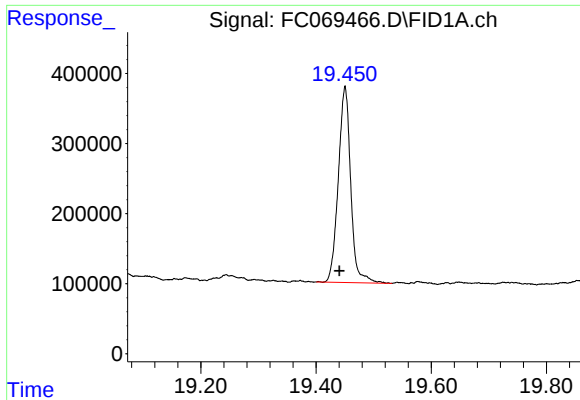
#17 n-Tricontane (C30)

R.T.: 17.833 min
Delta R.T.: 0.011 min
Response: 4270932
Conc: 39.00 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.666 min
Delta R.T.: 0.010 min
Response: 4060662
Conc: 39.13 ug/ml



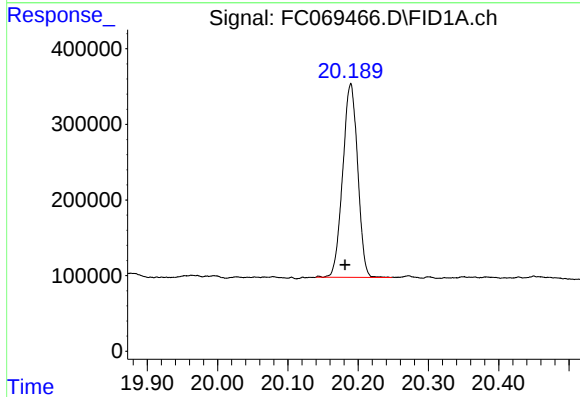
#19 n-Tetratriacontane (C34)

R.T.: 19.450 min
Delta R.T.: 0.010 min
Response: 4187655
Conc: 44.44 ug/ml

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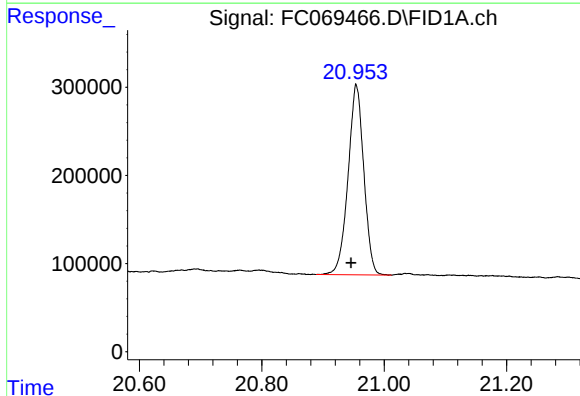
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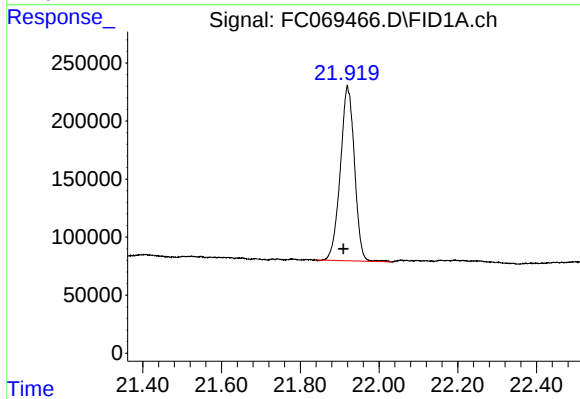
#20 n-Hexatriacontane (C36)

R.T.: 20.189 min
Delta R.T.: 0.008 min
Response: 3783236
Conc: 45.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.955 min
Delta R.T.: 0.008 min
Response: 3853118
Conc: 50.73 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.920 min
Delta R.T.: 0.011 min
Response: 3744586
Conc: 51.12 ug/ml