

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC063025AL\
 Data File : FC069333.D
 Signal(s) : FID1A.ch
 Acq On : 30 Jun 2025 17:09
 Operator : YP/AJ
 Sample : PB168656BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168656BSD

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 05:05:08 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)	11.681	5734854	33.196 ug/ml
Spiked Amount 50.000		Recovery =	66.39%
12) S 1-chlorooctadecane (S...	13.114	4514984	34.560 ug/ml
Spiked Amount 50.000		Recovery =	69.12%
Target Compounds			
1) T n-Nonane (C9)	3.412	5052730	35.528 ug/ml
2) T n-Decane (C10)	4.483	5321978	36.353 ug/ml
3) T A~Naphthalene (C11.7)	6.077	6422239	39.916 ug/ml
4) T n-Dodecane (C12)	6.506	5460382	36.060 ug/ml
5) T A~2-methylnaphthalene...	7.136	5973965	37.750 ug/ml
6) T n-Tetradecane (C14)	8.308	5454665	35.190 ug/ml
7) T n-Hexadecane (C16)	9.911	5458535	33.403 ug/ml
8) T n-Octadecane (C18)	11.357	5322757	32.601 ug/ml
10) T n-Eicosane (C20)	12.669	5307990	34.775 ug/ml
11) T n-Heneicosane (C21)	13.282	5013962	34.018 ug/ml
13) T n-Docosane (C22)	13.868	4888630	33.977 ug/ml
14) T n-Tetracosane (C24)	14.967	9510015	68.948 ug/ml
15) T n-Hexacosane (C26)	15.997	4440360	33.968 ug/ml
16) T n-Octacosane (C28)	16.947	4231364	34.310 ug/ml
17) T n-Tricontane (C30)	17.837	4101925	34.504 ug/ml
18) T n-Dotriacontane (C32)	18.670	3963120	36.247 ug/ml
19) T n-Tetratriacontane (C34)	19.456	4061905	42.063 ug/ml
20) T n-Hexatriacontane (C36)	20.197	3833914	46.521 ug/ml
21) T n-Octatriacontane (C38)	20.964	3811754	51.007 ug/ml
22) T n-Tetracontane (C40)	21.935	3687592	52.073 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC063025AL\
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Acq On : 30 Jun 2025 17:09
Operator : YP/AJ
Sample : PB168656BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

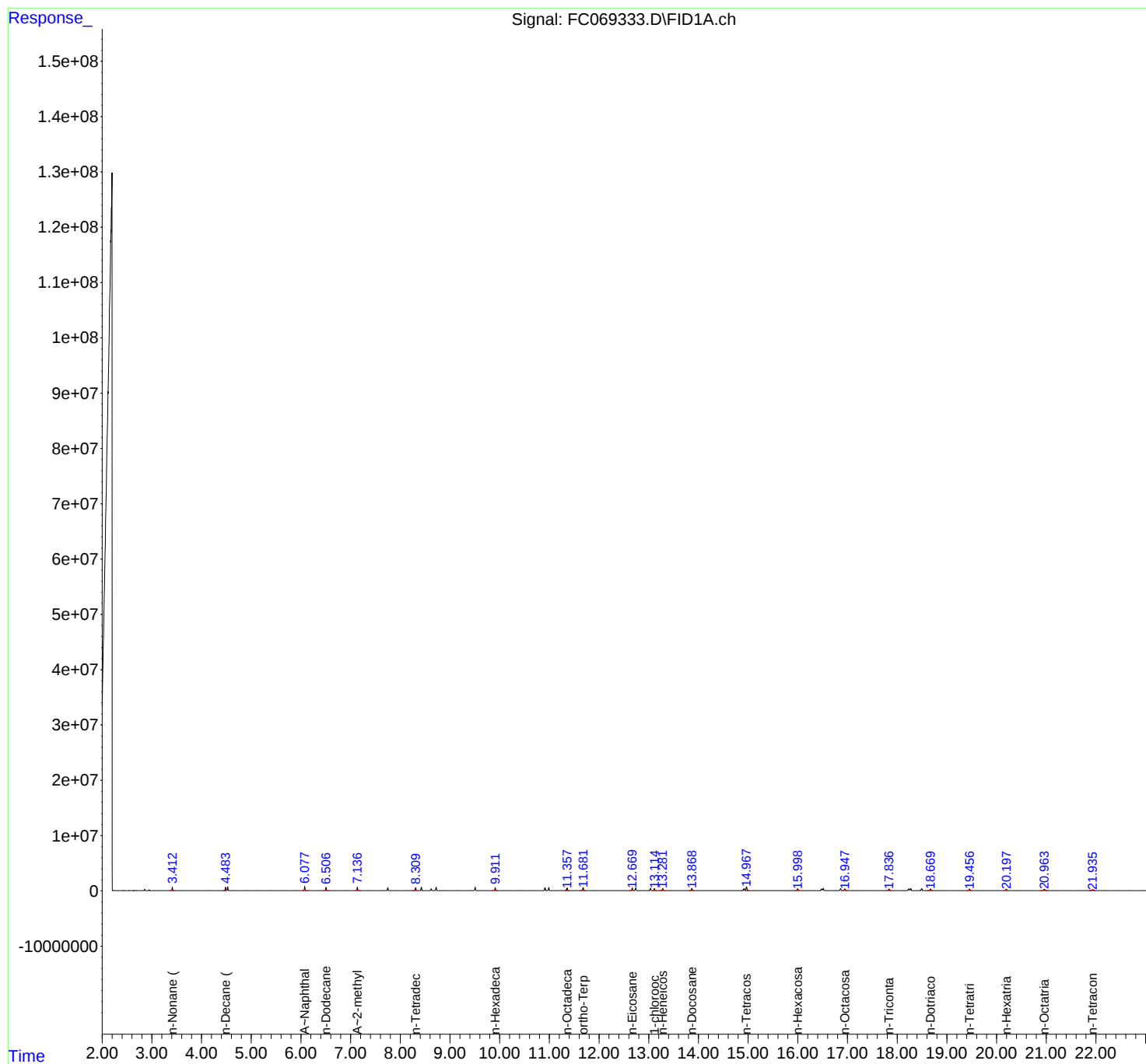
Instrument :
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ClientSampleId :
PB168656BSD

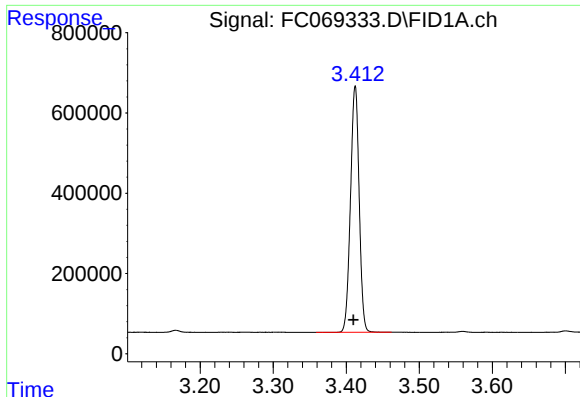
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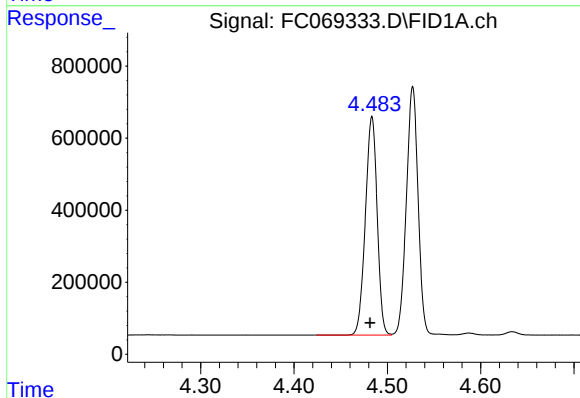
#1 n-Nonane (C9)

R.T.: 3.412 min
Delta R.T.: 0.002 min
Response: 5052730
Conc: 35.53 ug/ml

Instrument :
FID_C
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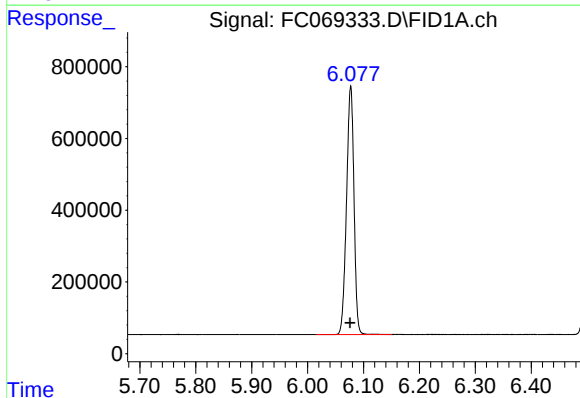
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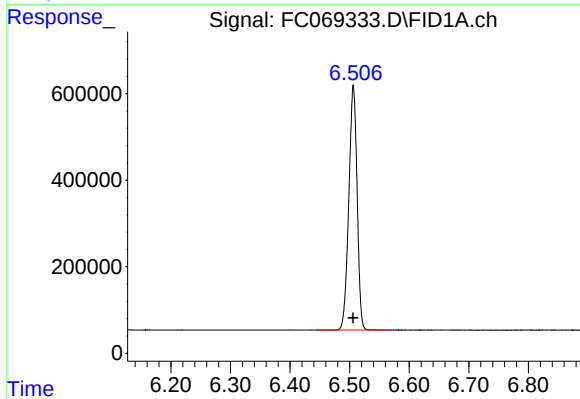
#2 n-Decane (C10)

R.T.: 4.483 min
Delta R.T.: 0.002 min
Response: 5321978
Conc: 36.35 ug/ml



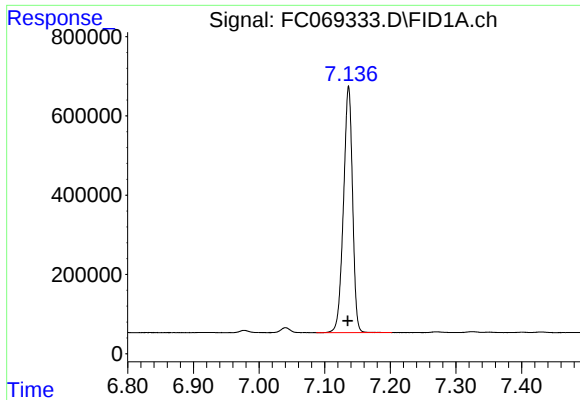
#3 A~Naphthalene (C11.7)

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 6422239
Conc: 39.92 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 5460382
Conc: 36.06 ug/ml



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

R.T.: 7.136 min
Delta R.T.: 0.001 min
Response: 5973965
Conc: 37.75 ug/ml

Instrument :

FID_C

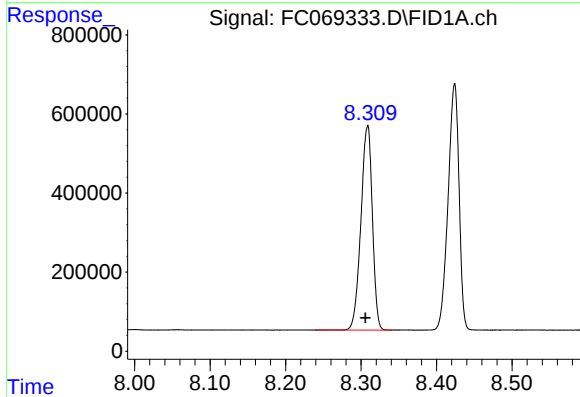
ClientSampleId :

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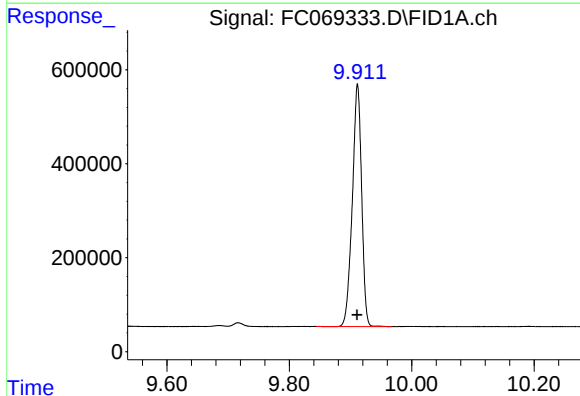
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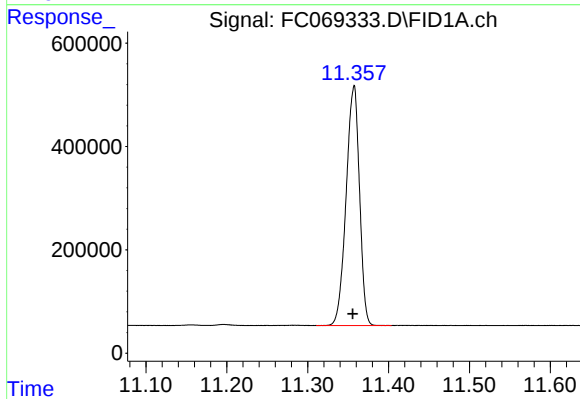
#6 n-Tetradecane (C14)

R.T.: 8.308 min
Delta R.T.: 0.002 min
Response: 5454665
Conc: 35.19 ug/ml



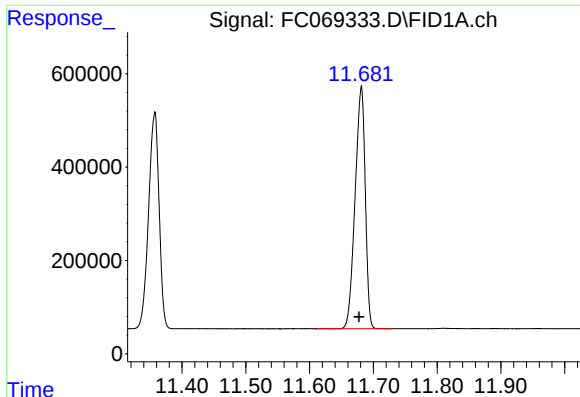
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: 0.000 min
Response: 5458535
Conc: 33.40 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.357 min
Delta R.T.: 0.001 min
Response: 5322757
Conc: 32.60 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.681 min
Delta R.T.: 0.003 min
Response: 5734854
Conc: 33.20 ug/ml

Instrument :

FID_C

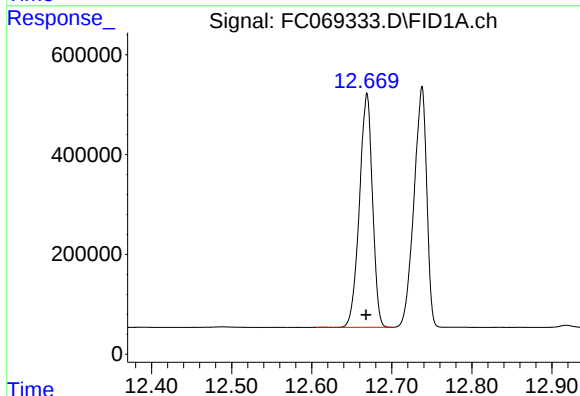
ClientSampleId :

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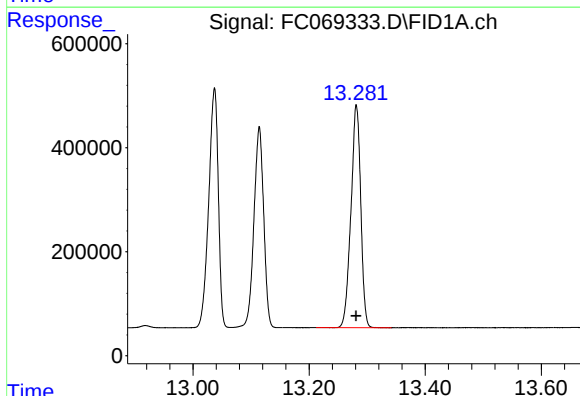
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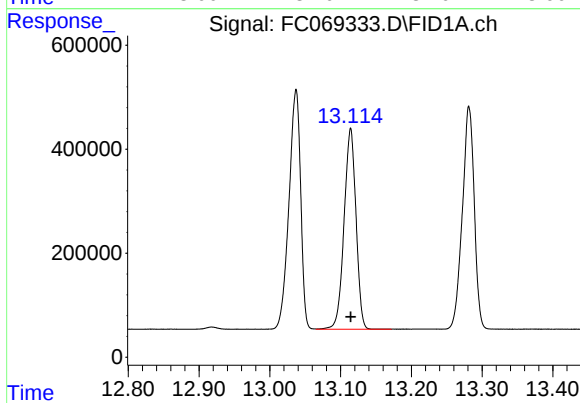
#10 n-Eicosane (C20)

R.T.: 12.669 min
Delta R.T.: 0.000 min
Response: 5307990
Conc: 34.77 ug/ml



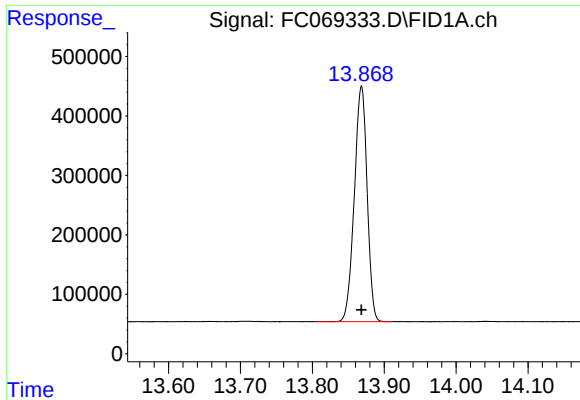
#11 n-Heneicosane (C21)

R.T.: 13.282 min
Delta R.T.: 0.000 min
Response: 5013962
Conc: 34.02 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.114 min
Delta R.T.: 0.000 min
Response: 4514984
Conc: 34.56 ug/ml



#13 n-Docosane (C22)

R.T.: 13.868 min
Delta R.T.: 0.000 min
Response: 4888630
Conc: 33.98 ug/ml

Instrument :

FID_C

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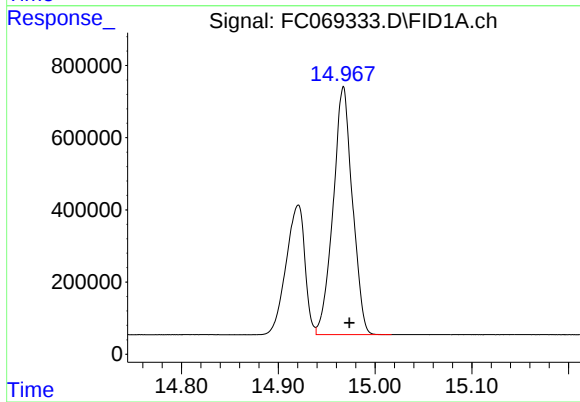
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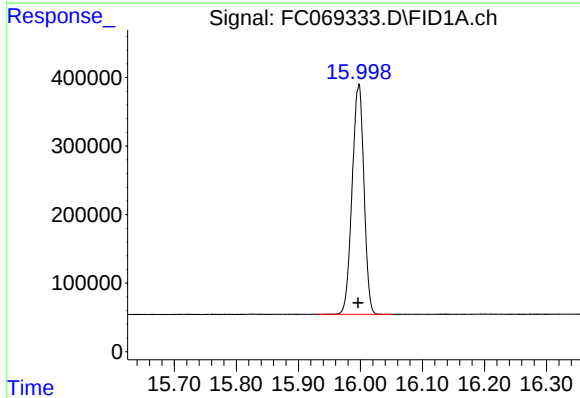
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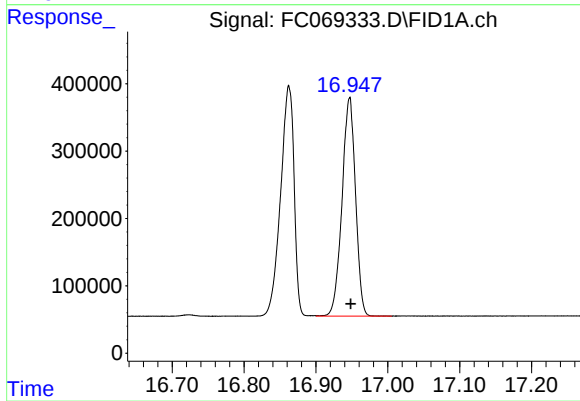
#14 n-Tetracosane (C24)

R.T.: 14.967 min
Delta R.T.: -0.006 min
Response: 9510015
Conc: 68.95 ug/ml



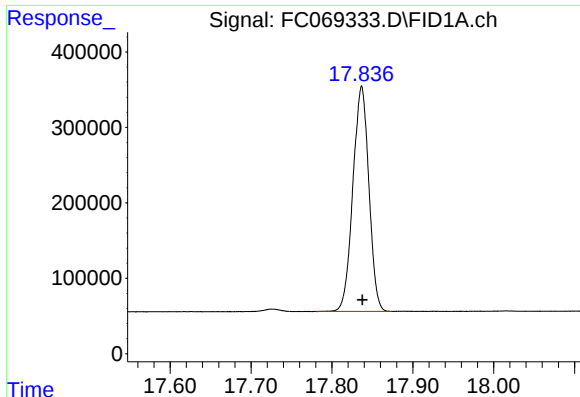
#15 n-Hexacosane (C26)

R.T.: 15.997 min
Delta R.T.: 0.000 min
Response: 4440360
Conc: 33.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.947 min
Delta R.T.: -0.002 min
Response: 4231364
Conc: 34.31 ug/ml



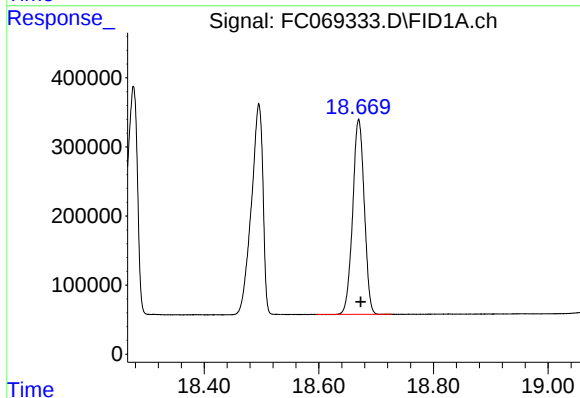
#17 n-Tricontane (C30)

R.T.: 17.837 min
Delta R.T.: 0.000 min
Response: 4101925
Conc: 34.50 ug/ml

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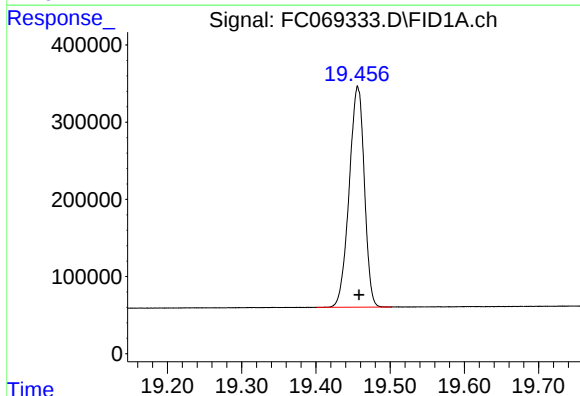
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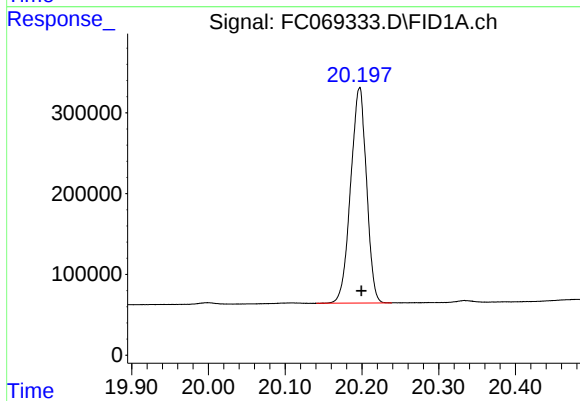
#18 n-Dotriacontane (C32)

R.T.: 18.670 min
Delta R.T.: -0.003 min
Response: 3963120
Conc: 36.25 ug/ml



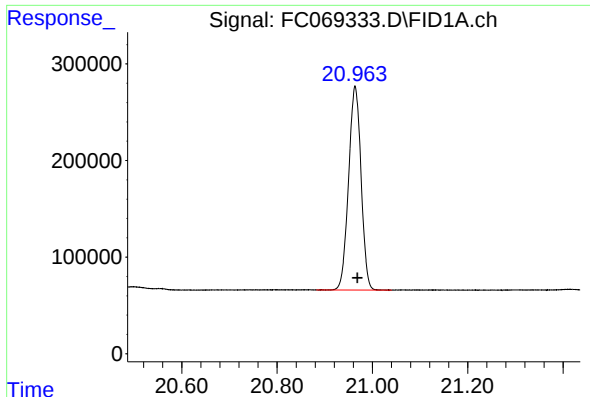
#19 n-Tetratriacontane (C34)

R.T.: 19.456 min
Delta R.T.: -0.002 min
Response: 4061905
Conc: 42.06 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.197 min
Delta R.T.: -0.003 min
Response: 3833914
Conc: 46.52 ug/ml



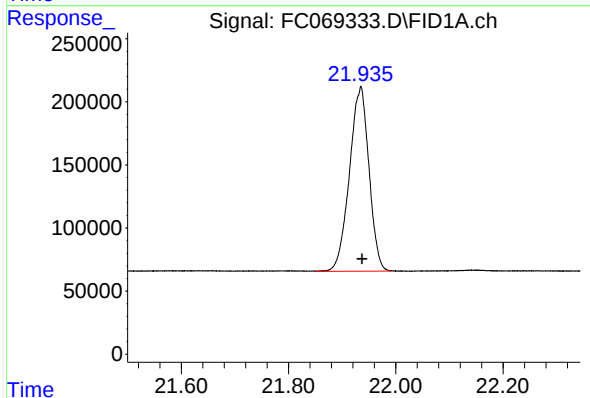
#21 n-Octatriacontane (C38)

R.T.: 20.964 min
Delta R.T.: -0.005 min
Response: 3811754
Conc: 51.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.935 min
Delta R.T.: -0.003 min
Response: 3687592
Conc: 52.07 ug/ml m