

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062625AL\
 Data File : FC069291.D
 Signal(s) : FID1A.ch
 Acq On : 26 Jun 2025 14:47
 Operator : YP/AJ
 Sample : PB168624BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB168624BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/27/2025

Supervised By :mohammad ahmed 06/30/2025

Integration File: sample.E

Quant Time: Jun 27 01:16:57 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	6081382	35.202 ug/ml
Spiked Amount 50.000		Recovery =	70.40%
12) S 1-chlorooctadecane (S...	13.112	4823965	36.925 ug/ml
Spiked Amount 50.000		Recovery =	73.85%
Target Compounds			
1) T n-Nonane (C9)	3.419	5225691	36.744 ug/ml
2) T n-Decane (C10)	4.487	5530961	37.781 ug/ml
3) T A~Naphthalene (C11.7)	6.077	6645034	41.301 ug/ml
4) T n-Dodecane (C12)	6.507	5778816	38.163 ug/ml
5) T A~2-methylnaphthalene...	7.136	6241966	39.444 ug/ml
6) T n-Tetradecane (C14)	8.308	5872668	37.887 ug/ml
7) T n-Hexadecane (C16)	9.910	5930733	36.292 ug/ml
8) T n-Octadecane (C18)	11.355	5777525	35.386 ug/ml
10) T n-Eicosane (C20)	12.667	5718757	37.466 ug/ml
11) T n-Heneicosane (C21)	13.279	5384598	36.532 ug/ml
13) T n-Docosane (C22)	13.866	5234353	36.379 ug/ml
14) T n-Tetracosane (C24)	14.962	10085387	73.119 ug/ml
15) T n-Hexacosane (C26)	15.996	4729112	36.177 ug/ml
16) T n-Octacosane (C28)	16.945	4498251	36.474 ug/ml
17) T n-Tricontane (C30)	17.834	4299224	36.163 ug/ml
18) T n-Dotriacontane (C32)	18.667	4157250	38.022 ug/ml
19) T n-Tetratriacontane (C34)	19.453	4230342	43.808 ug/mlm
20) T n-Hexatriacontane (C36)	20.192	3981508	48.312 ug/mlm
21) T n-Octatriacontane (C38)	20.962	3946165	52.805 ug/ml
22) T n-Tetracontane (C40)	21.930	3812253	53.833 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062625AL\
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Operator : YP/AJ
Sample : PB168624BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

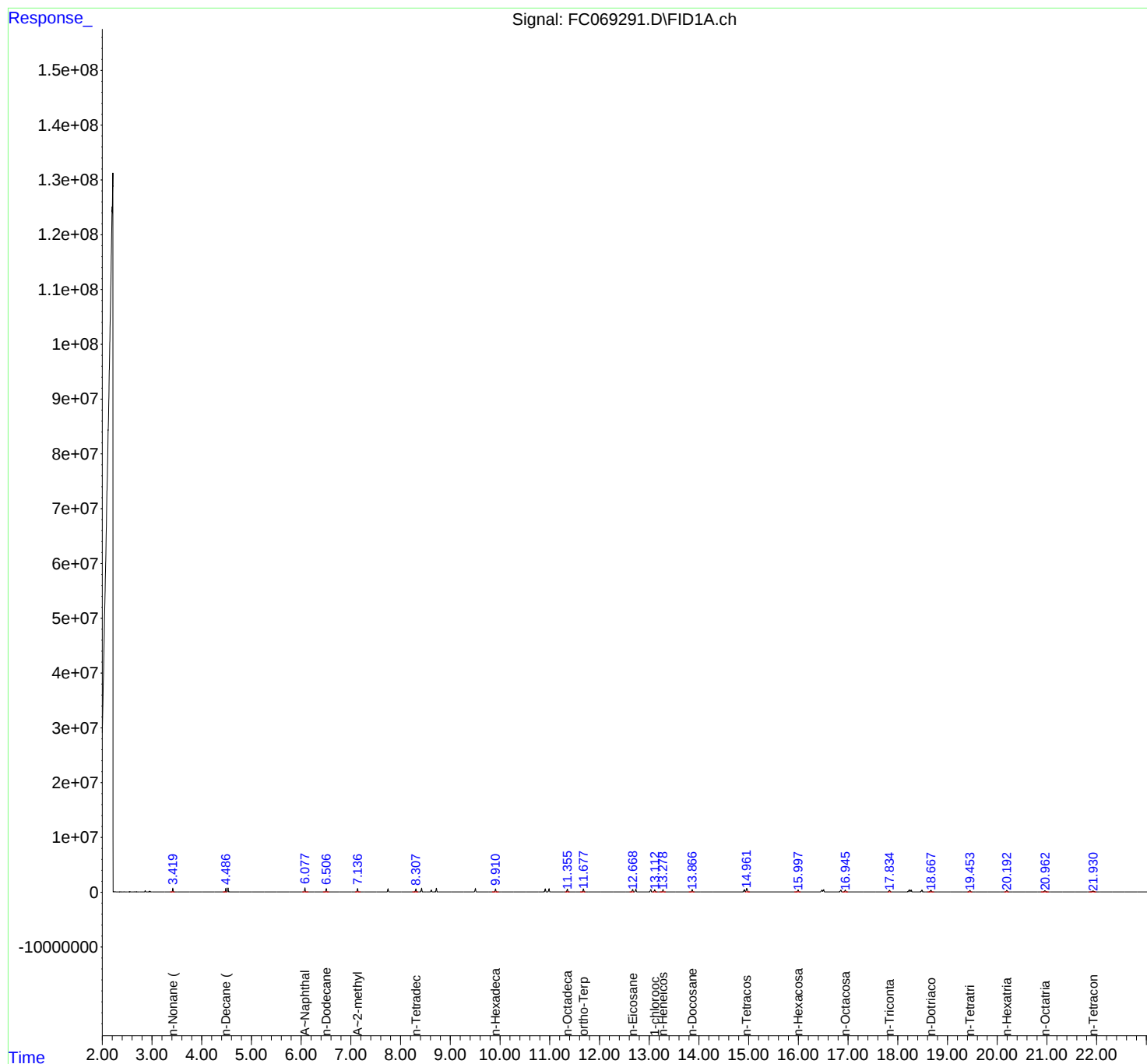
Instrument :
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ClientSampleId :
PB168624BS

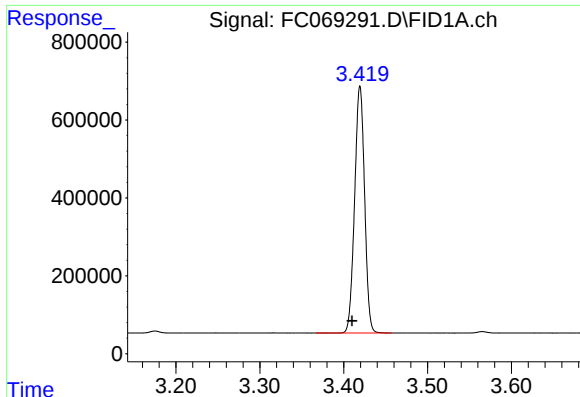
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Quant Title : GC Extractables
QLast Update : Wed Jun 18 14:24:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





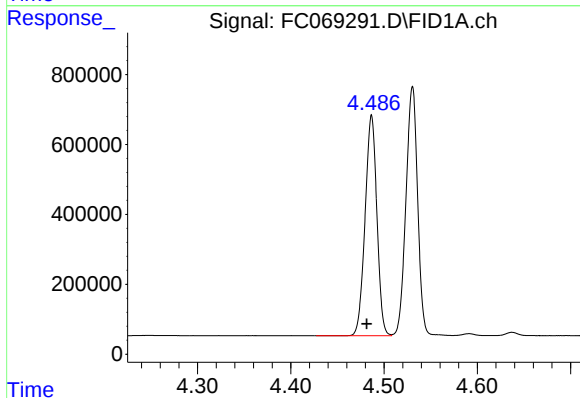
#1 n-Nonane (C9)

R.T.: 3.419 min
Delta R.T.: 0.009 min
Response: 5225691
Conc: 36.74 ug/ml

Instrument :
FID_C
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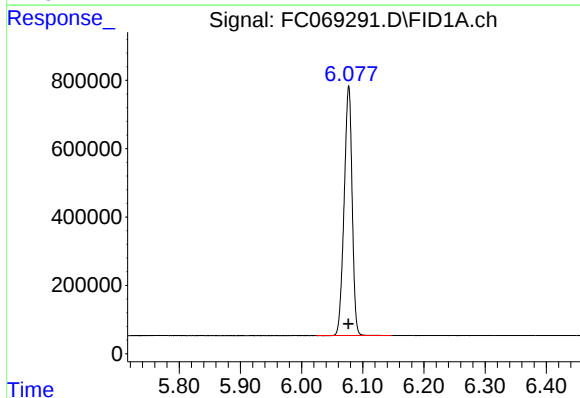
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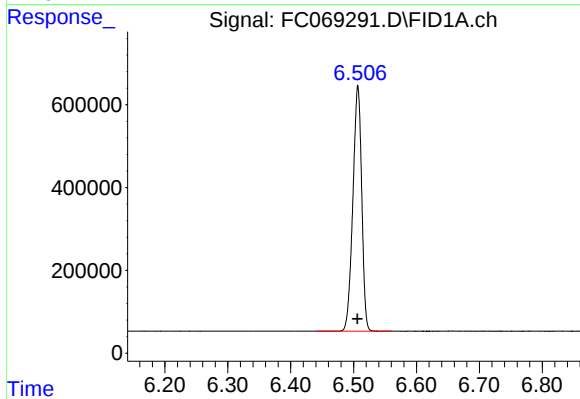
#2 n-Decane (C10)

R.T.: 4.487 min
Delta R.T.: 0.005 min
Response: 5530961
Conc: 37.78 ug/ml



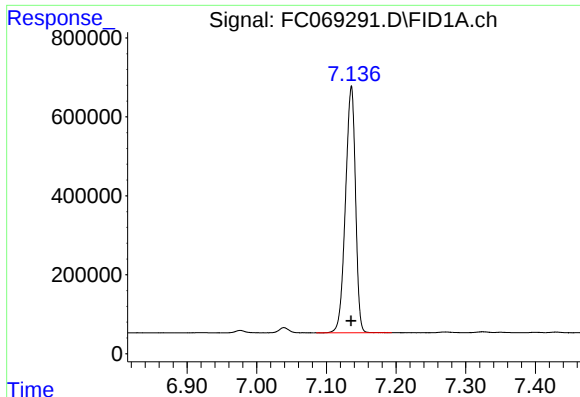
#3 A~Naphthalene (C11.7)

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 6645034
Conc: 41.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.507 min
Delta R.T.: 0.000 min
Response: 5778816
Conc: 38.16 ug/ml



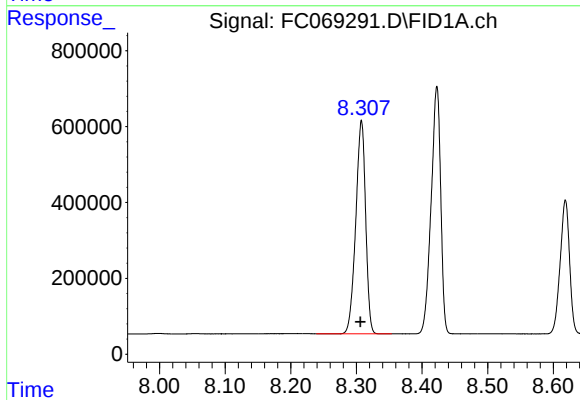
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.136 min
Delta R.T.: 0.000 min
Response: 6241966
Conc: 39.44 ug/ml

Instrument :
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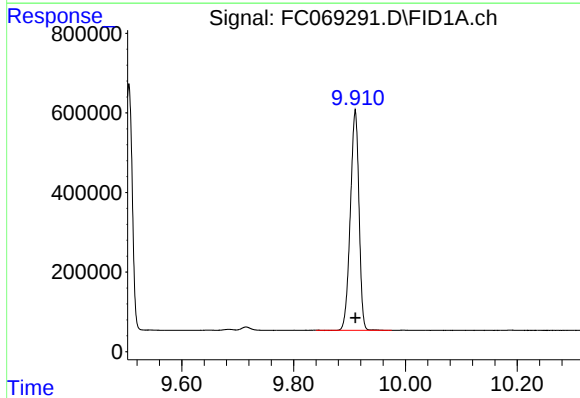
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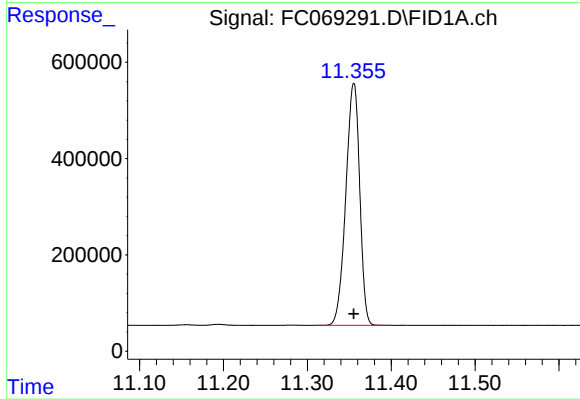
#6 n-Tetradecane (C14)

R.T.: 8.308 min
Delta R.T.: 0.002 min
Response: 5872668
Conc: 37.89 ug/ml



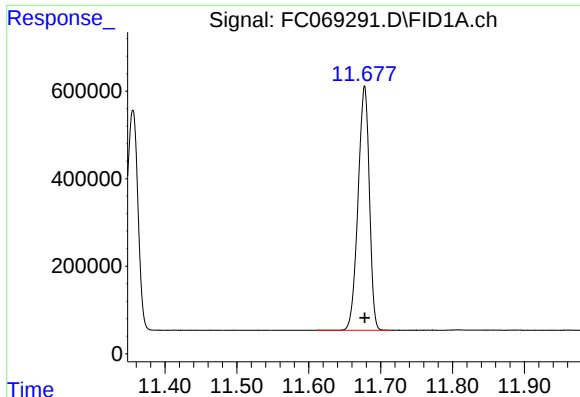
#7 n-Hexadecane (C16)

R.T.: 9.910 min
Delta R.T.: 0.000 min
Response: 5930733
Conc: 36.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.355 min
Delta R.T.: 0.000 min
Response: 5777525
Conc: 35.39 ug/ml



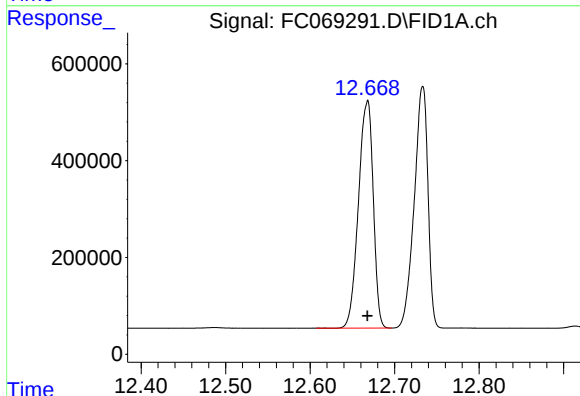
#9 ortho-Terphenyl (SURR)

R.T.: 11.678 min
Delta R.T.: 0.000 min
Response: 6081382
Conc: 35.20 ug/ml

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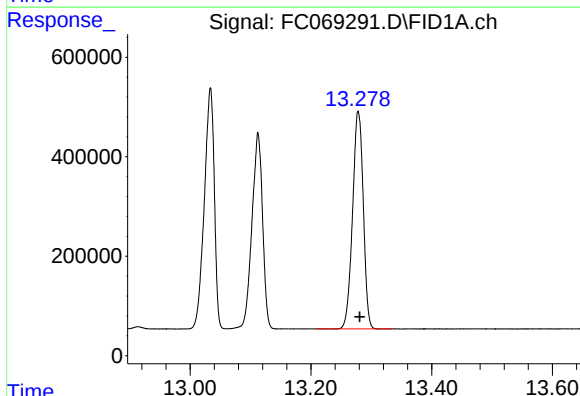
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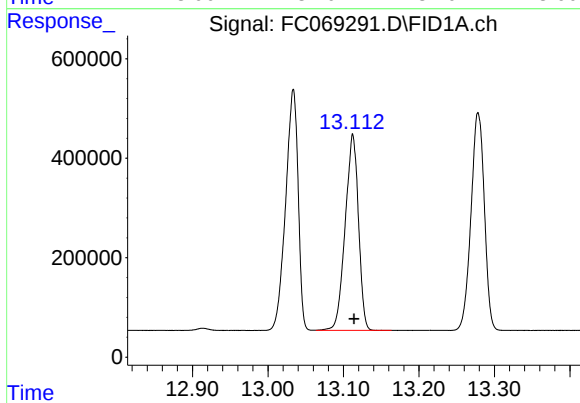
#10 n-Eicosane (C20)

R.T.: 12.667 min
Delta R.T.: 0.000 min
Response: 5718757
Conc: 37.47 ug/ml



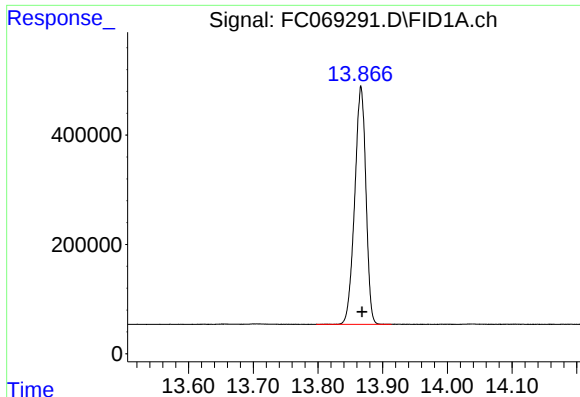
#11 n-Heneicosane (C21)

R.T.: 13.279 min
Delta R.T.: -0.002 min
Response: 5384598
Conc: 36.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.112 min
Delta R.T.: -0.002 min
Response: 4823965
Conc: 36.93 ug/ml



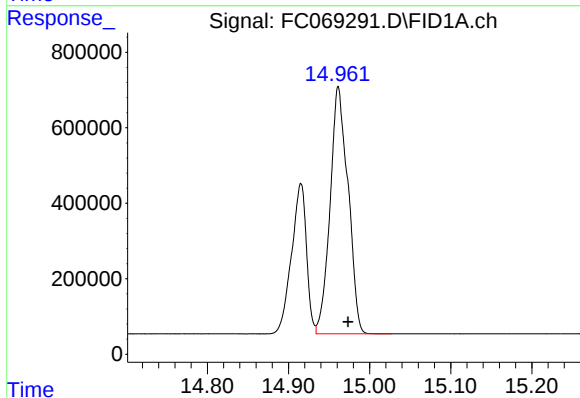
#13 n-Docosane (C22)

R.T.: 13.866 min
Delta R.T.: -0.002 min
Response: 5234353
Conc: 36.38 ug/ml

Instrument :
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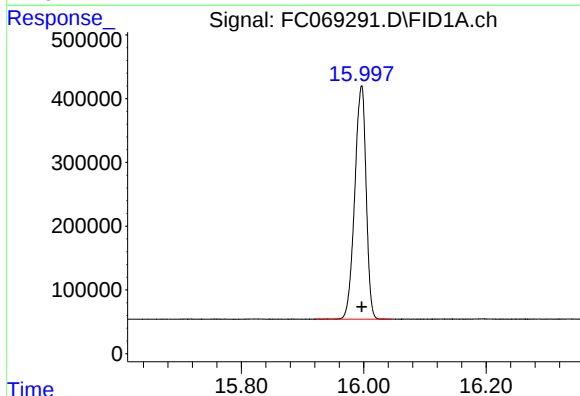
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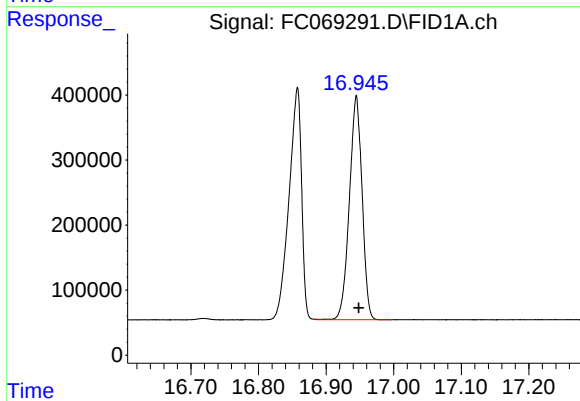
#14 n-Tetracosane (C24)

R.T.: 14.962 min
Delta R.T.: -0.012 min
Response: 10085387
Conc: 73.12 ug/ml



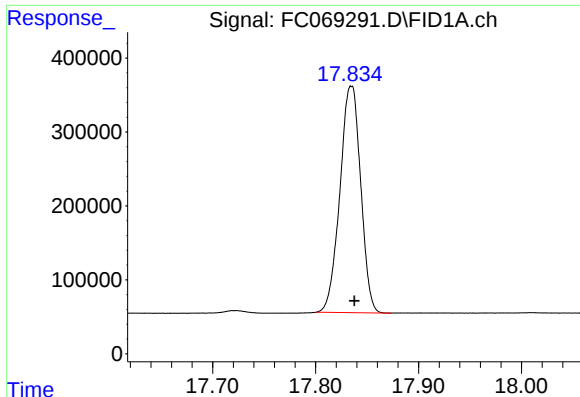
#15 n-Hexacosane (C26)

R.T.: 15.996 min
Delta R.T.: 0.000 min
Response: 4729112
Conc: 36.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.945 min
Delta R.T.: -0.004 min
Response: 4498251
Conc: 36.47 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.834 min
Delta R.T.: -0.003 min
Response: 4299224
Conc: 36.16 ug/ml

Instrument :

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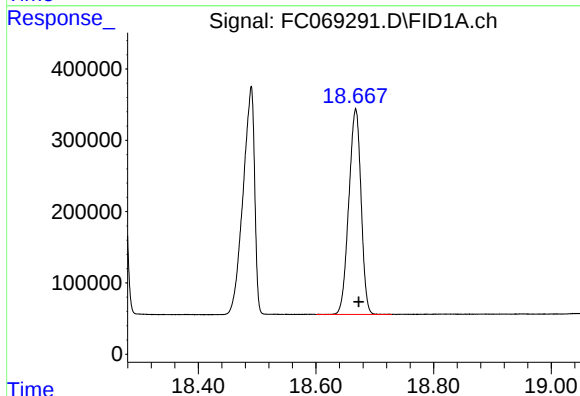
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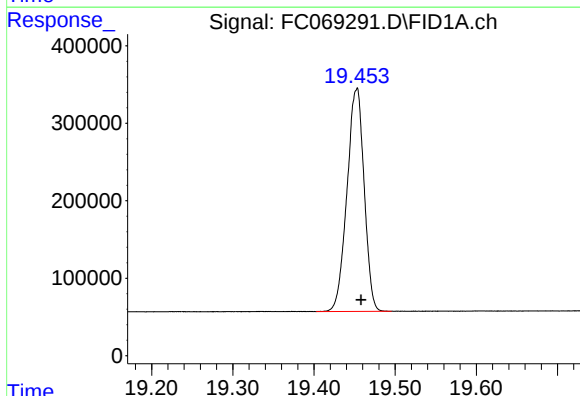
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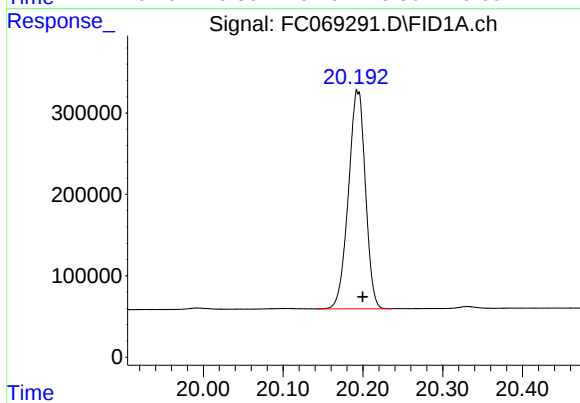
#18 n-Dotriacontane (C32)

R.T.: 18.667 min
Delta R.T.: -0.006 min
Response: 4157250
Conc: 38.02 ug/ml



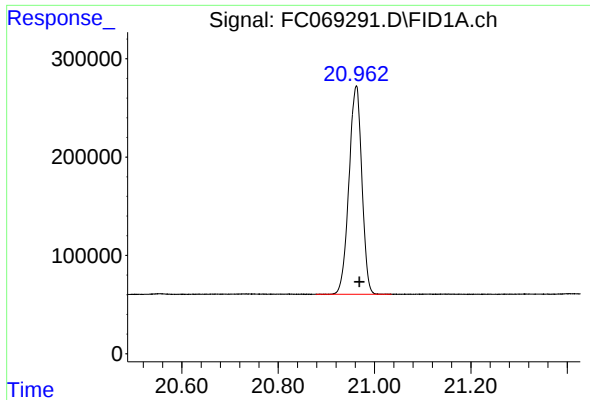
#19 n-Tetratriacontane (C34)

R.T.: 19.453 min
Delta R.T.: -0.005 min
Response: 4230342
Conc: 43.81 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.192 min
Delta R.T.: -0.008 min
Response: 3981508
Conc: 48.31 ug/ml m



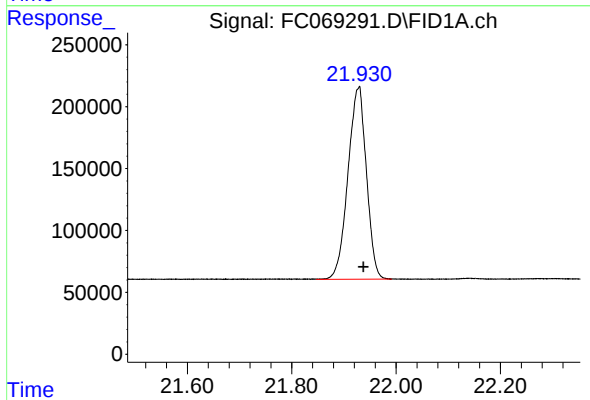
#21 n-Octatriacontane (C38)

R.T.: 20.962 min
Delta R.T.: -0.007 min
Response: 3946165
Conc: 52.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.930 min
Delta R.T.: -0.008 min
Response: 3812253
Conc: 53.83 ug/ml m