

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062625AL\
 Data File : FC069292.D
 Signal(s) : FID1A.ch
 Acq On : 26 Jun 2025 15:33
 Operator : YP/AJ
 Sample : PB168624BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168624BSD

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 01:17:14 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)	11.677	5981449	34.623 ug/ml
Spiked Amount 50.000		Recovery =	69.25%
12) S 1-chlorooctadecane (S...	13.112	4740638	36.287 ug/ml
Spiked Amount 50.000		Recovery =	72.57%
Target Compounds			
1) T n-Nonane (C9)	3.416	5156630	36.258 ug/ml
2) T n-Decane (C10)	4.484	5443183	37.181 ug/ml
3) T A~Naphthalene (C11.7)	6.075	6517894	40.510 ug/ml
4) T n-Dodecane (C12)	6.505	5652625	37.330 ug/ml
5) T A~2-methylnaphthalene...	7.134	6104493	38.575 ug/ml
6) T n-Tetradecane (C14)	8.306	5726356	36.943 ug/ml
7) T n-Hexadecane (C16)	9.908	5773440	35.330 ug/ml
8) T n-Octadecane (C18)	11.354	5634981	34.513 ug/ml
10) T n-Eicosane (C20)	12.666	5600998	36.694 ug/ml
11) T n-Heneicosane (C21)	13.280	5281729	35.834 ug/ml
13) T n-Docosane (C22)	13.866	5136385	35.698 ug/ml
14) T n-Tetracosane (C24)	14.962	9960011	72.210 ug/ml
15) T n-Hexacosane (C26)	15.996	4643161	35.519 ug/ml
16) T n-Octacosane (C28)	16.945	4427472	35.900 ug/ml
17) T n-Tricontane (C30)	17.834	4256285	35.802 ug/ml
18) T n-Dotriacontane (C32)	18.667	4130722	37.780 ug/ml
19) T n-Tetratriacontane (C34)	19.452	4213121	43.629 ug/mlm
20) T n-Hexatriacontane (C36)	20.194	3960215	48.054 ug/mlm
21) T n-Octatriacontane (C38)	20.963	3929760	52.586 ug/ml
22) T n-Tetracontane (C40)	21.926	3797385	53.623 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB168624BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

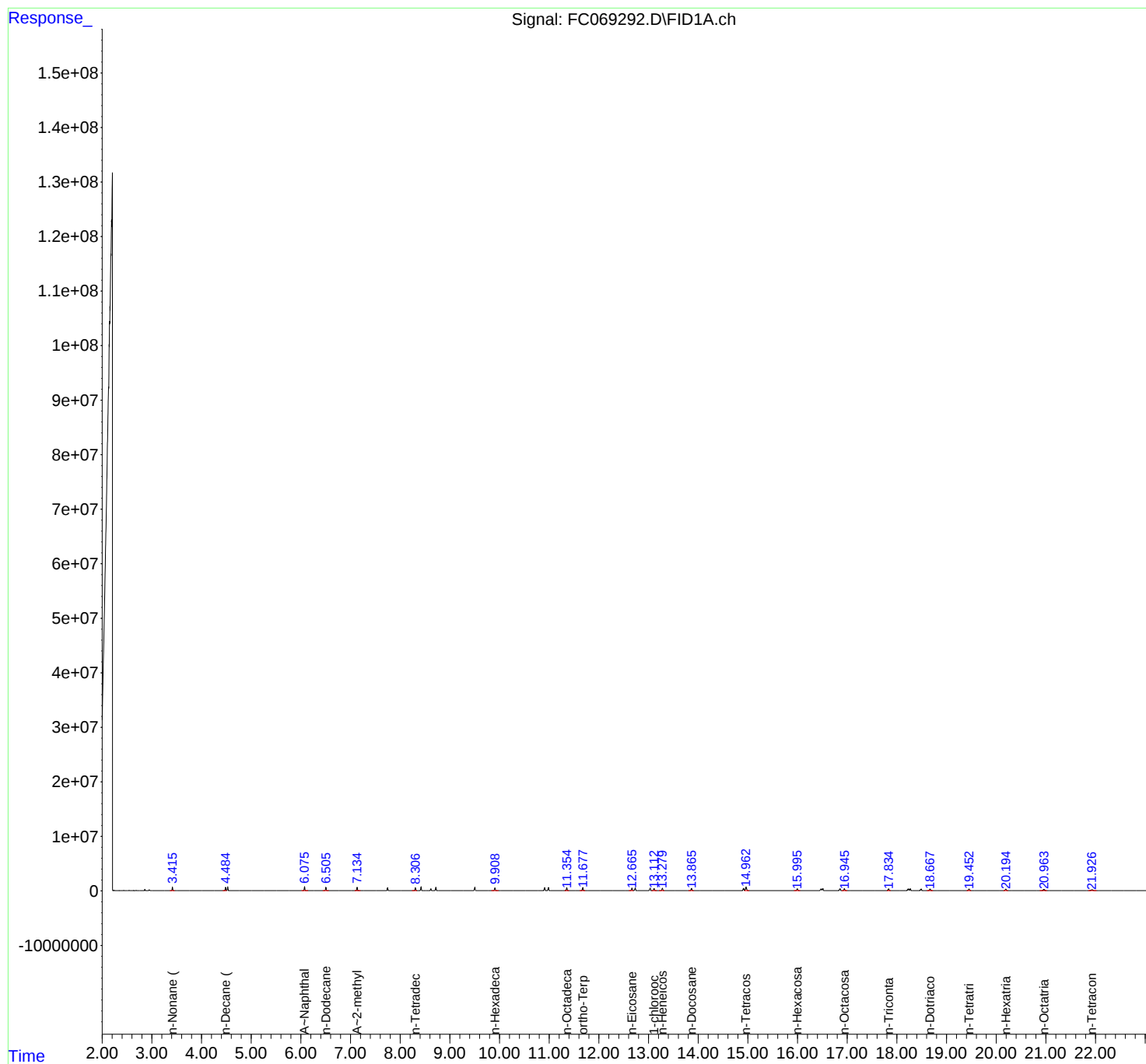
Instrument :
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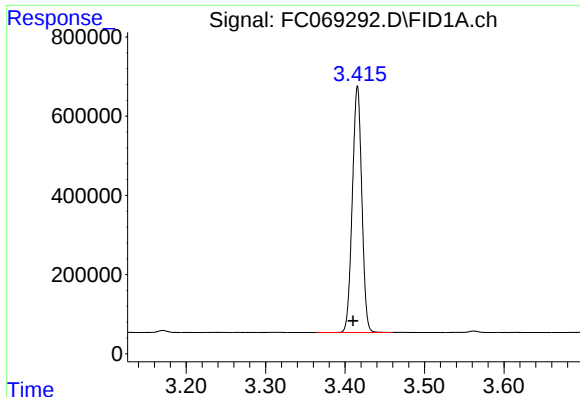
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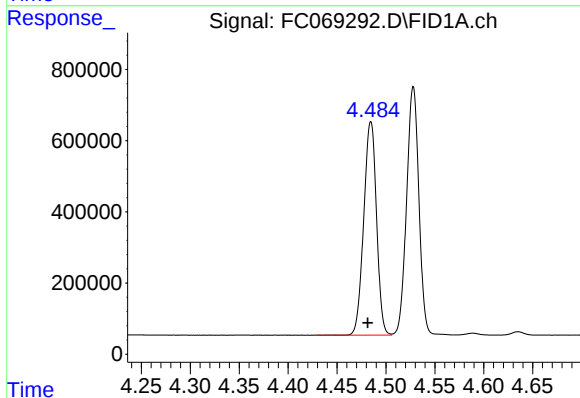
#1 n-Nonane (C9)

R.T.: 3.416 min
Delta R.T.: 0.006 min
Response: 5156630
Conc: 36.26 ug/ml

Instrument :
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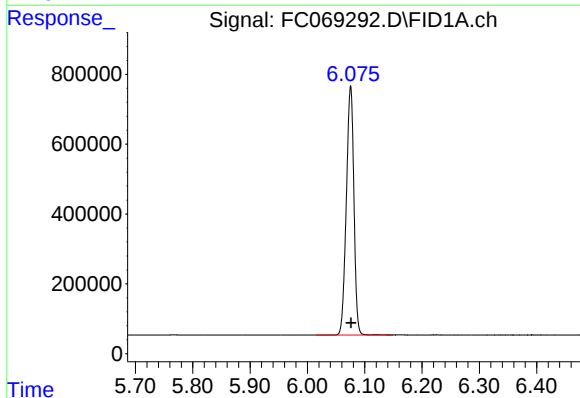
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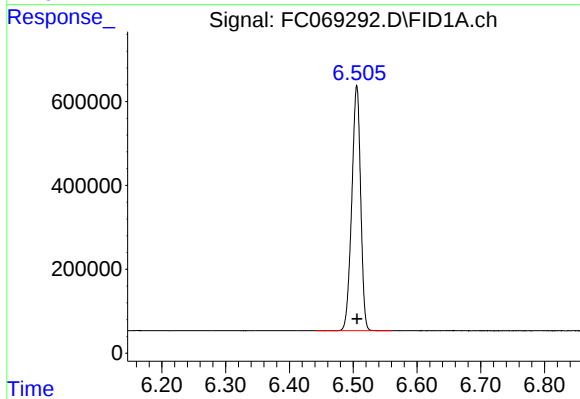
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: 0.003 min
Response: 5443183
Conc: 37.18 ug/ml



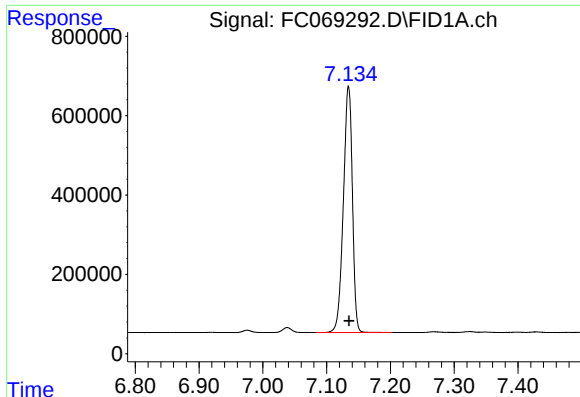
#3 A~Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: -0.001 min
Response: 6517894
Conc: 40.51 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.505 min
Delta R.T.: 0.000 min
Response: 5652625
Conc: 37.33 ug/ml



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

R.T.: 7.134 min
Delta R.T.: -0.001 min
Response: 6104493
Conc: 38.58 ug/ml

Instrument :

FID_C

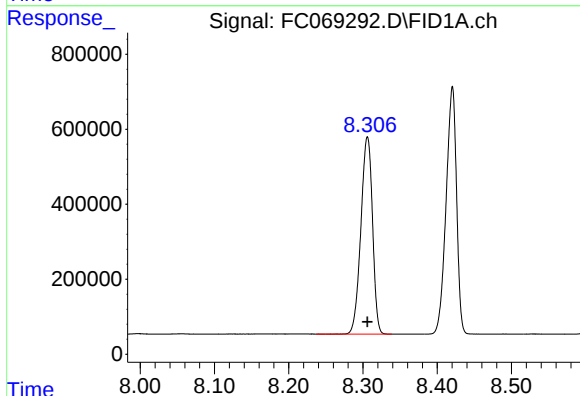
ClientSampleId :

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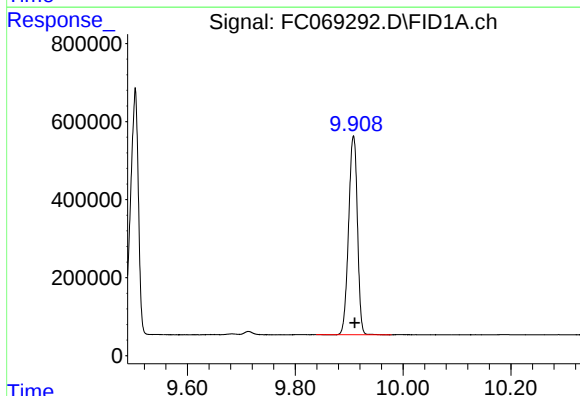
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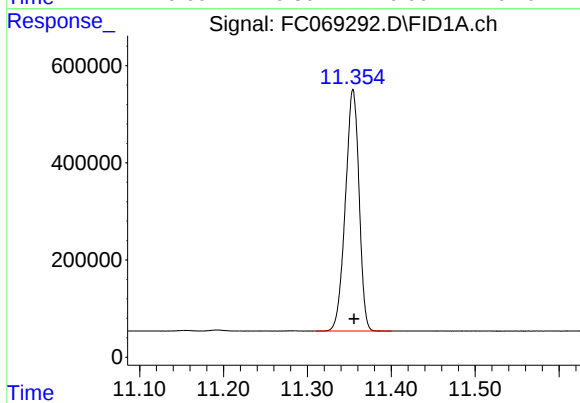
#6 n-Tetradecane (C14)

R.T.: 8.306 min
Delta R.T.: 0.000 min
Response: 5726356
Conc: 36.94 ug/ml



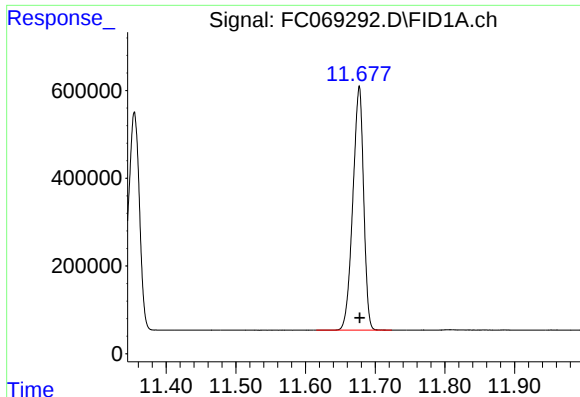
#7 n-Hexadecane (C16)

R.T.: 9.908 min
Delta R.T.: -0.003 min
Response: 5773440
Conc: 35.33 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.354 min
Delta R.T.: -0.001 min
Response: 5634981
Conc: 34.51 ug/ml



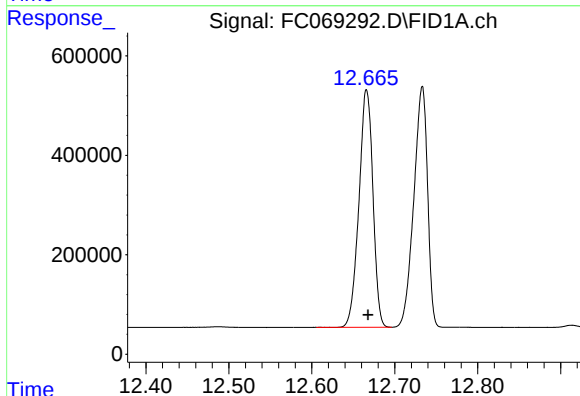
#9 ortho-Terphenyl (SURR)

R.T.: 11.677 min
Delta R.T.: 0.000 min
Response: 5981449
Conc: 34.62 ug/ml

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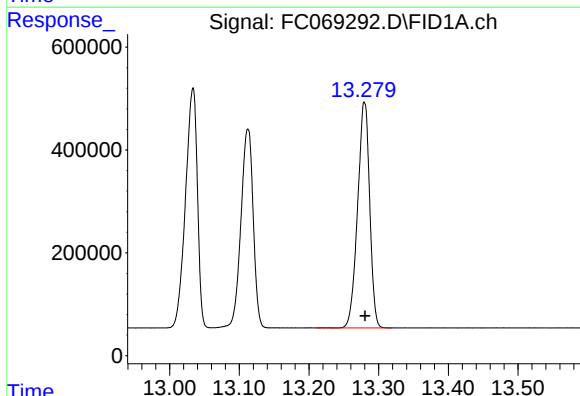
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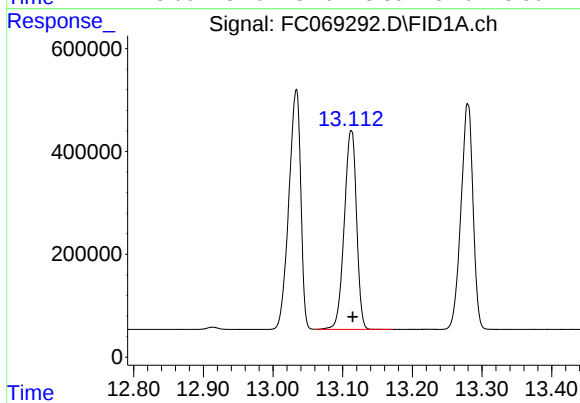
#10 n-Eicosane (C20)

R.T.: 12.666 min
Delta R.T.: -0.002 min
Response: 5600998
Conc: 36.69 ug/ml



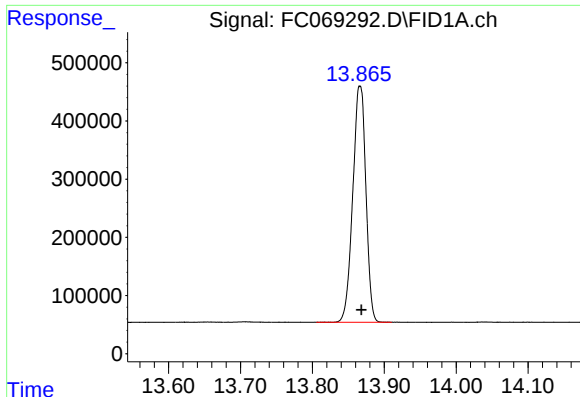
#11 n-Heneicosane (C21)

R.T.: 13.280 min
Delta R.T.: -0.001 min
Response: 5281729
Conc: 35.83 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.112 min
Delta R.T.: -0.002 min
Response: 4740638
Conc: 36.29 ug/ml



#13 n-Docosane (C22)

R.T.: 13.866 min
Delta R.T.: -0.002 min
Response: 5136385
Conc: 35.70 ug/ml

Instrument :

FID_C

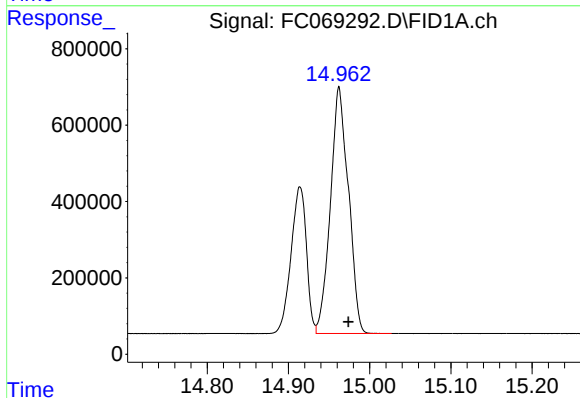
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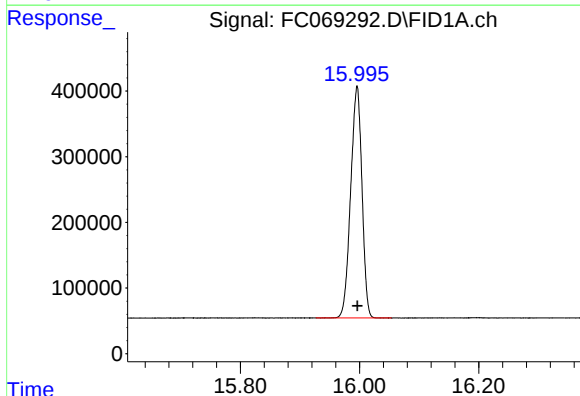
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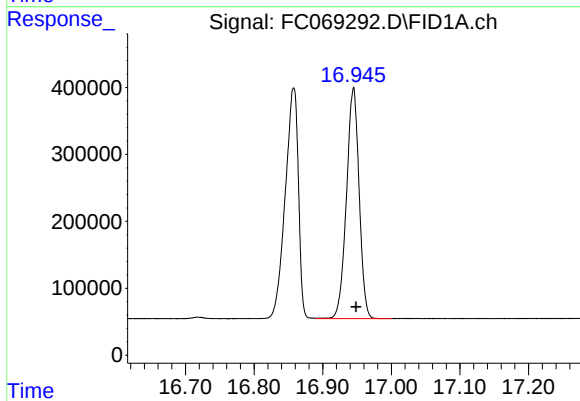
#14 n-Tetracosane (C24)

R.T.: 14.962 min
Delta R.T.: -0.011 min
Response: 9960011
Conc: 72.21 ug/ml



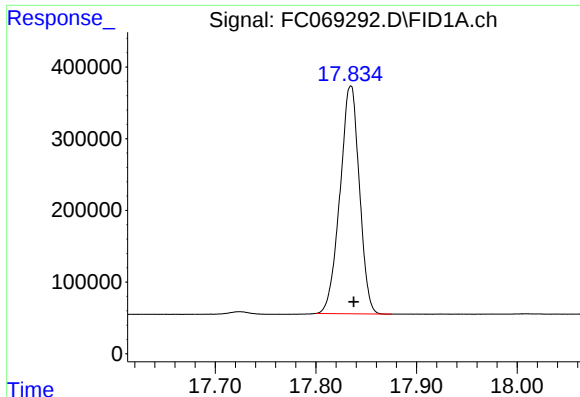
#15 n-Hexacosane (C26)

R.T.: 15.996 min
Delta R.T.: 0.000 min
Response: 4643161
Conc: 35.52 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.945 min
Delta R.T.: -0.004 min
Response: 4427472
Conc: 35.90 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.834 min
Delta R.T.: -0.003 min
Response: 4256285
Conc: 35.80 ug/ml

Instrument :

FID_C

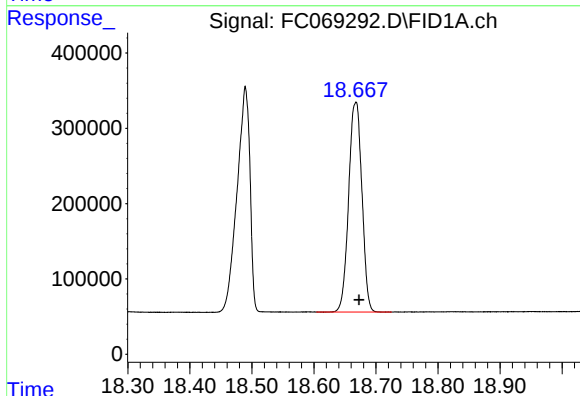
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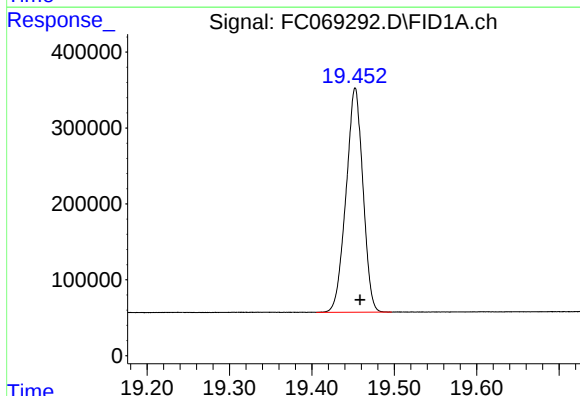
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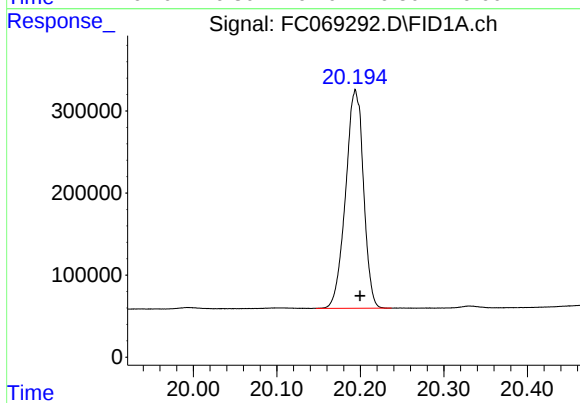
#18 n-Dotriacontane (C32)

R.T.: 18.667 min
Delta R.T.: -0.006 min
Response: 4130722
Conc: 37.78 ug/ml



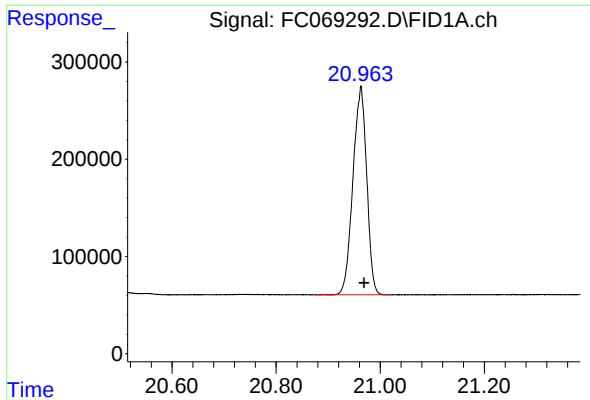
#19 n-Tetratriacontane (C34)

R.T.: 19.452 min
Delta R.T.: -0.006 min
Response: 4213121
Conc: 43.63 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.194 min
Delta R.T.: -0.006 min
Response: 3960215
Conc: 48.05 ug/ml m



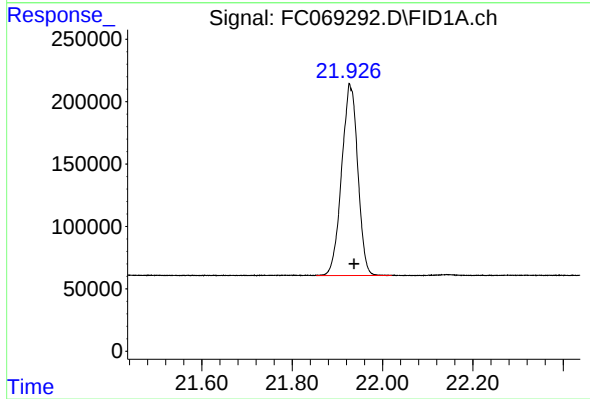
#21 n-Octatriacontane (C38)

R.T.: 20.963 min
Delta R.T.: -0.006 min
Response: 3929760
Conc: 52.59 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.926 min
Delta R.T.: -0.012 min
Response: 3797385
Conc: 53.62 ug/ml m