

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070125AL\
 Data File : FC069345.D
 Signal(s) : FID1A.ch
 Acq On : 01 Jul 2025 14:45
 Operator : YP/AJ
 Sample : PB168673BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168673BS

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 00:32:13 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)	11.680	6409225	37.099 ug/ml
Spiked Amount 50.000		Recovery =	74.20%
12) S 1-chlorooctadecane (S...	13.115	5046872	38.631 ug/ml
Spiked Amount 50.000		Recovery =	77.26%
Target Compounds			
1) T n-Nonane (C9)	3.416	5588655	39.296 ug/ml
2) T n-Decane (C10)	4.486	6040939	41.265 ug/ml
3) T A~Naphthalene (C11.7)	6.077	7417238	46.100 ug/ml
4) T n-Dodecane (C12)	6.507	6292448	41.555 ug/ml
5) T A~2-methylnaphthalene...	7.137	6924856	43.759 ug/ml
6) T n-Tetradecane (C14)	8.308	6321973	40.786 ug/ml
7) T n-Hexadecane (C16)	9.911	6359995	38.919 ug/ml
8) T n-Octadecane (C18)	11.357	6217205	38.079 ug/ml
10) T n-Eicosane (C20)	12.670	6236870	40.860 ug/ml
11) T n-Heneicosane (C21)	13.282	5896307	40.004 ug/ml
13) T n-Docosane (C22)	13.870	5756518	40.008 ug/ml
14) T n-Tetracosane (C24)	14.969	11258920	81.627 ug/ml
15) T n-Hexacosane (C26)	15.998	5239818	40.083 ug/ml
16) T n-Octacosane (C28)	16.947	4997709	40.524 ug/ml
17) T n-Tricontane (C30)	17.840	4842448	40.733 ug/ml
18) T n-Dotriacontane (C32)	18.671	4682884	42.830 ug/ml
19) T n-Tetratriacontane (C34)	19.456	4819860	49.912 ug/ml
20) T n-Hexatriacontane (C36)	20.197	4584840	55.633 ug/ml
21) T n-Octatriacontane (C38)	20.966	4605068	61.622 ug/ml
22) T n-Tetracontane (C40)	21.932	4480167	63.265 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB168673BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

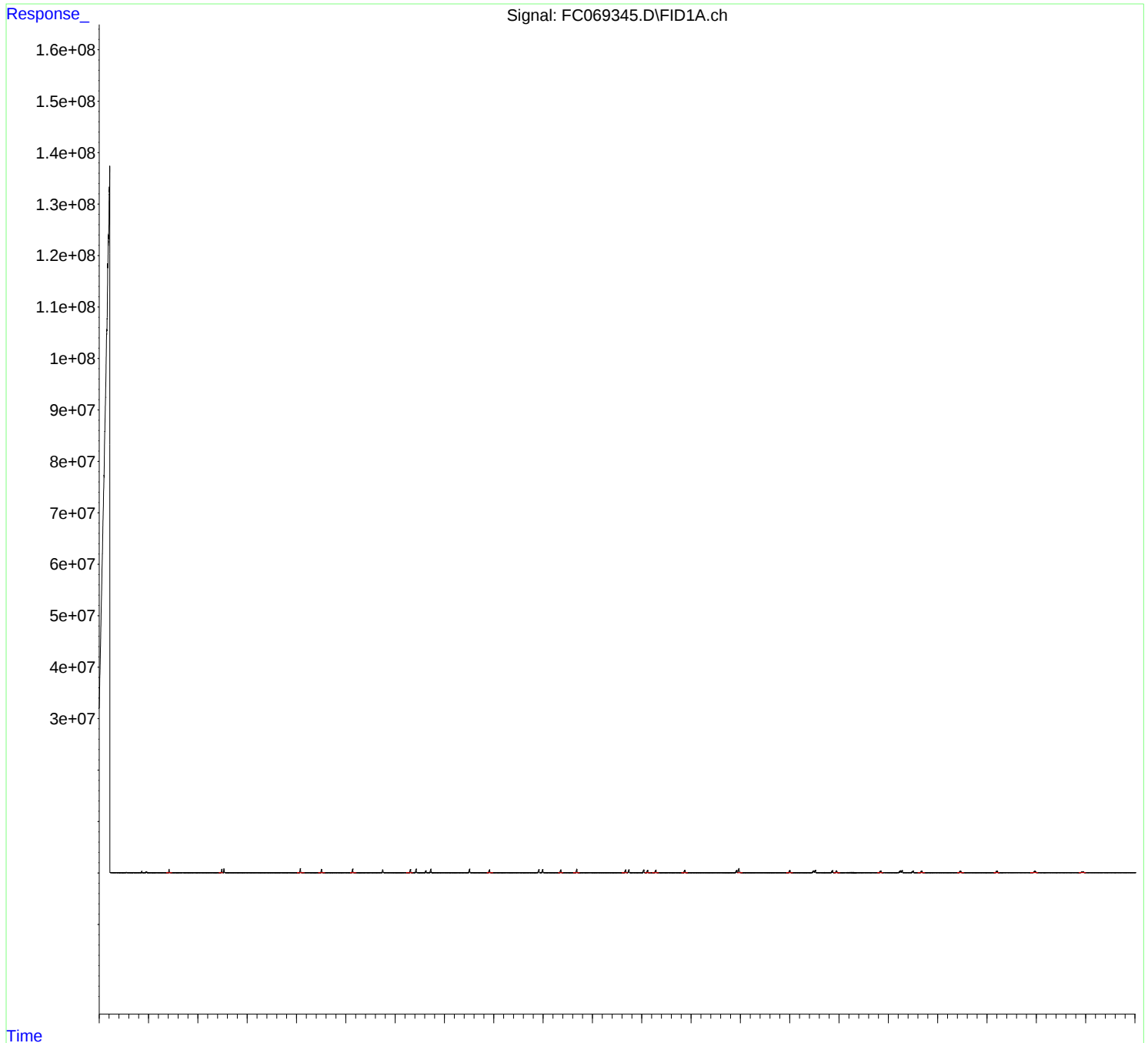
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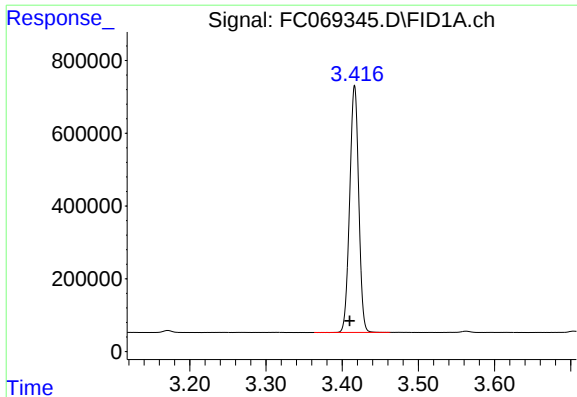
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#1 n-Nonane (C9)

R.T.: 3.416 min
Delta R.T.: 0.006 min
Response: 5588655
Conc: 39.30 ug/ml

Instrument :

FID_C

ClientSampleId :

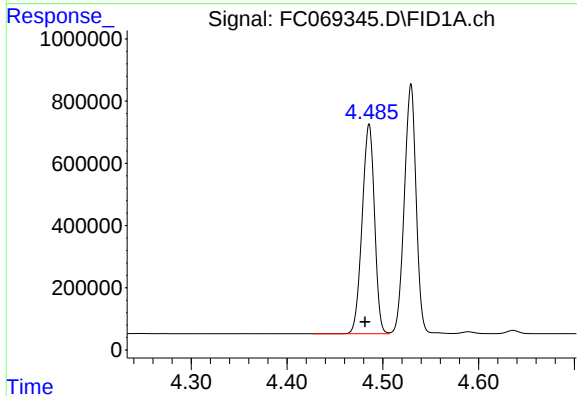
PB168673BS

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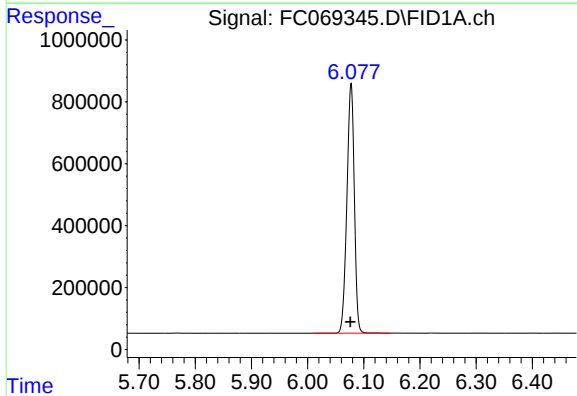
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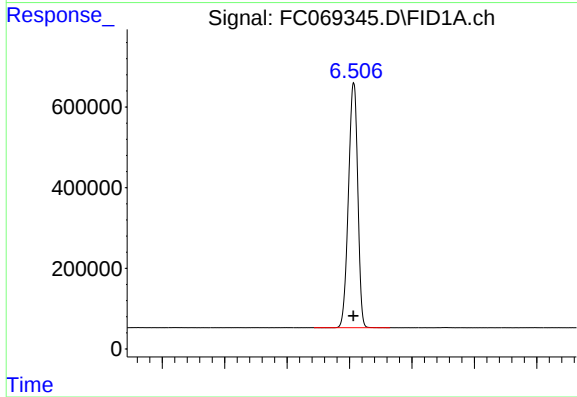
#2 n-Decane (C10)

R.T.: 4.486 min
Delta R.T.: 0.004 min
Response: 6040939
Conc: 41.26 ug/ml



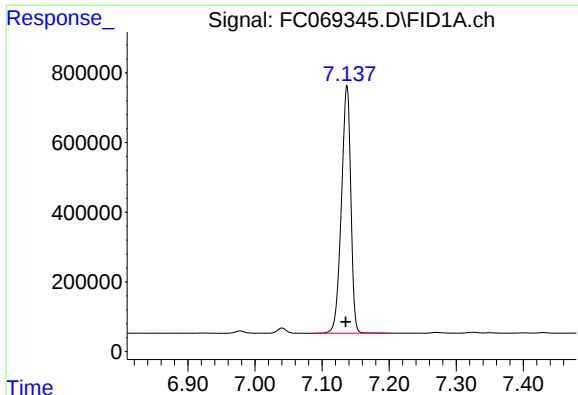
#3 A~Naphthalene (C11.7)

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 7417238
Conc: 46.10 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.507 min
Delta R.T.: 0.000 min
Response: 6292448
Conc: 41.55 ug/ml



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

R.T.: 7.137 min
Delta R.T.: 0.002 min
Response: 6924856
Conc: 43.76 ug/ml

Instrument :

FID_C

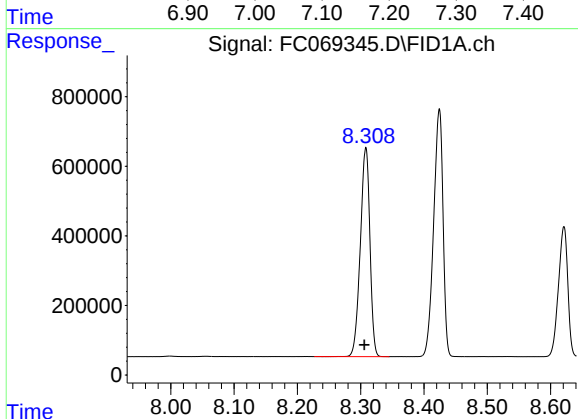
ClientSampleId :

PB168673BS

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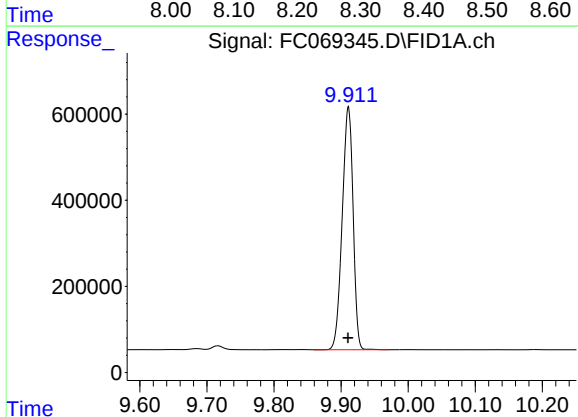
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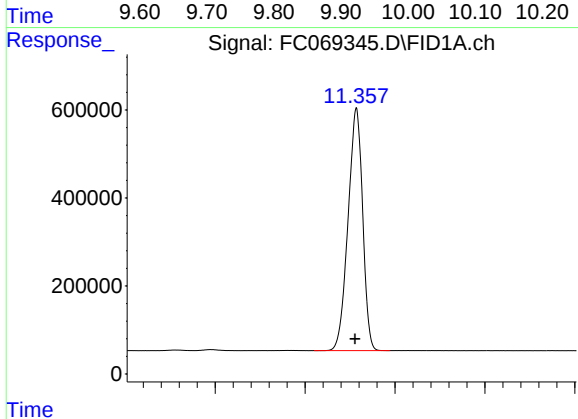
#6 n-Tetradecane (C14)

R.T.: 8.308 min
Delta R.T.: 0.002 min
Response: 6321973
Conc: 40.79 ug/ml



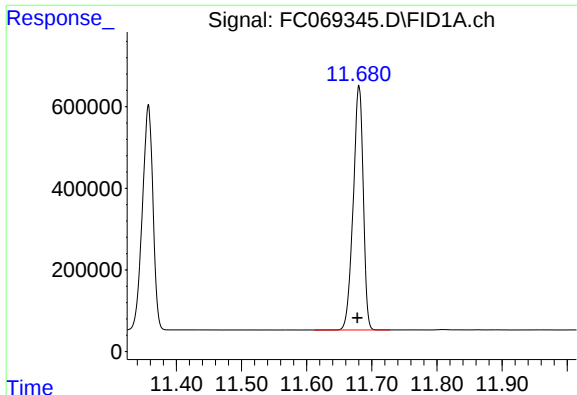
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: 0.000 min
Response: 6359995
Conc: 38.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.357 min
Delta R.T.: 0.001 min
Response: 6217205
Conc: 38.08 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.680 min
Delta R.T.: 0.003 min
Response: 6409225
Conc: 37.10 ug/ml

Instrument :

FID_C

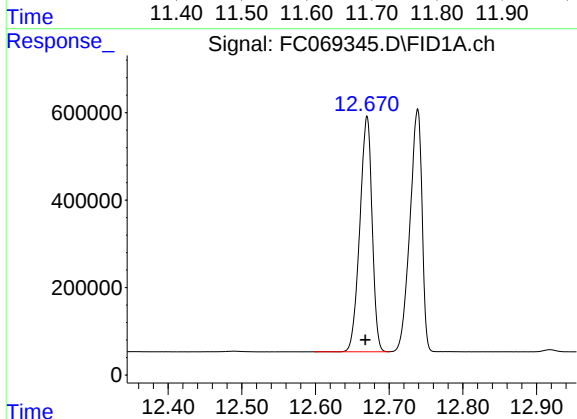
ClientSampleId :

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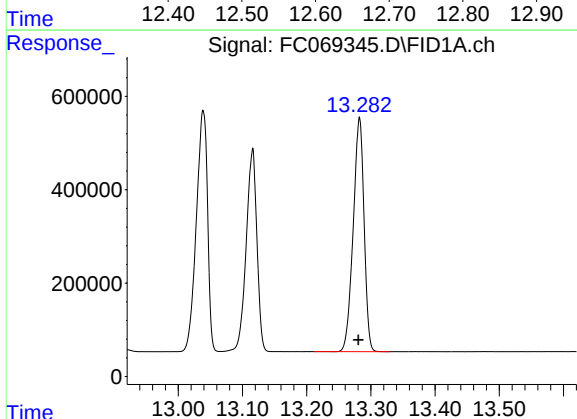
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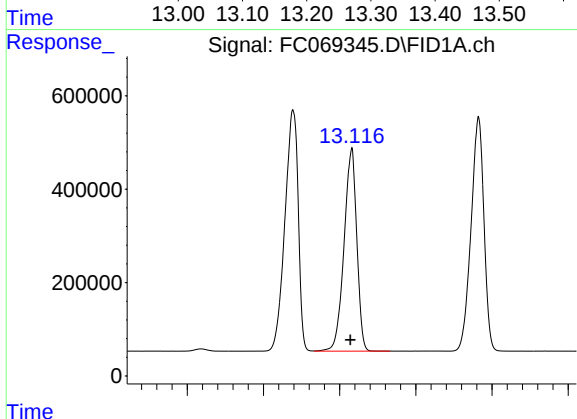
#10 n-Eicosane (C20)

R.T.: 12.670 min
Delta R.T.: 0.002 min
Response: 6236870
Conc: 40.86 ug/ml



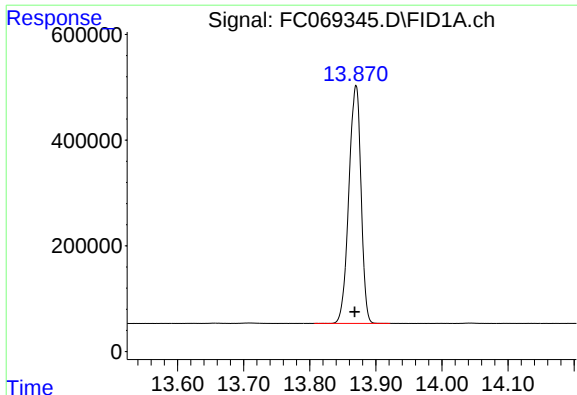
#11 n-Heneicosane (C21)

R.T.: 13.282 min
Delta R.T.: 0.001 min
Response: 5896307
Conc: 40.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.115 min
Delta R.T.: 0.001 min
Response: 5046872
Conc: 38.63 ug/ml



#13 n-Docosane (C22)

R.T.: 13.870 min
Delta R.T.: 0.002 min
Response: 5756518
Conc: 40.01 ug/ml

Instrument :

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ClientSampleId :

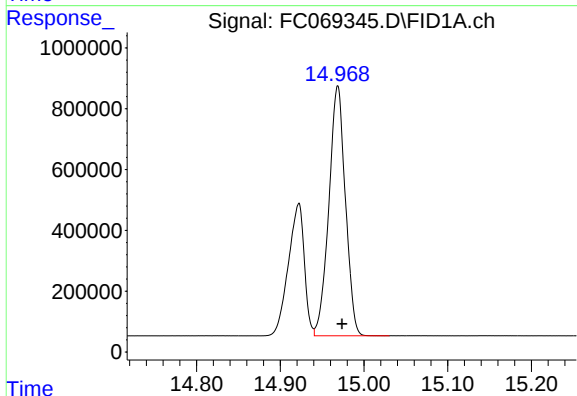
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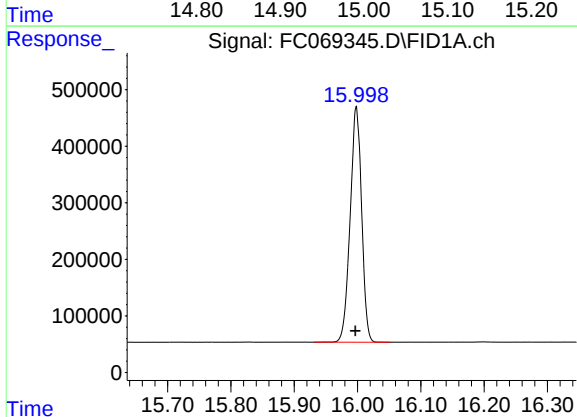
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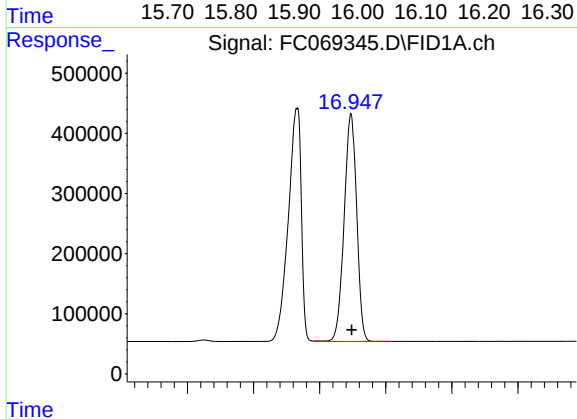
#14 n-Tetracosane (C24)

R.T.: 14.969 min
Delta R.T.: -0.005 min
Response: 11258920
Conc: 81.63 ug/ml



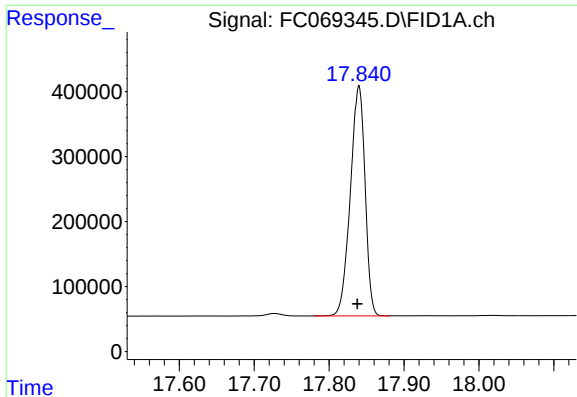
#15 n-Hexacosane (C26)

R.T.: 15.998 min
Delta R.T.: 0.002 min
Response: 5239818
Conc: 40.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.947 min
Delta R.T.: -0.001 min
Response: 4997709
Conc: 40.52 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.840 min
Delta R.T.: 0.002 min
Response: 4842448
Conc: 40.73 ug/ml

Instrument :

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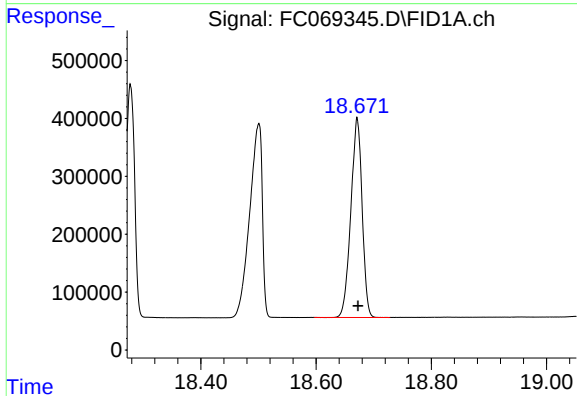
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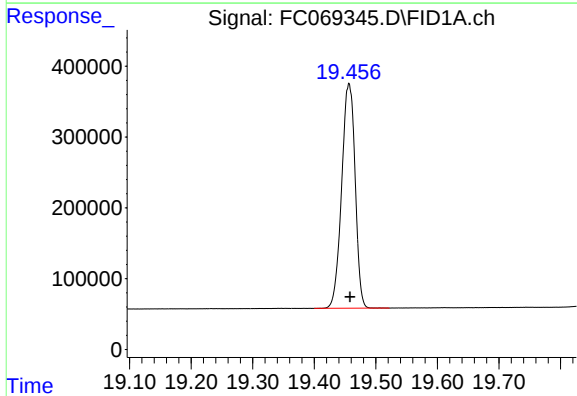
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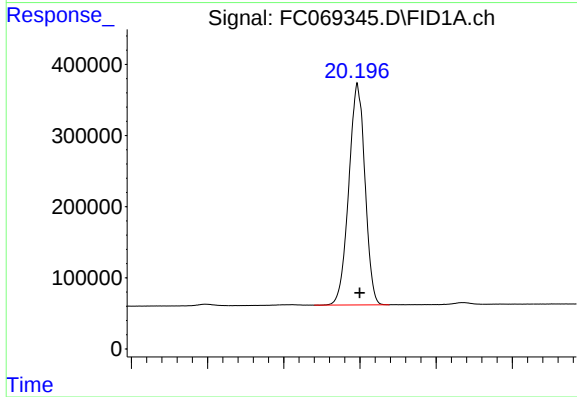
#18 n-Dotriacontane (C32)

R.T.: 18.671 min
Delta R.T.: -0.002 min
Response: 4682884
Conc: 42.83 ug/ml



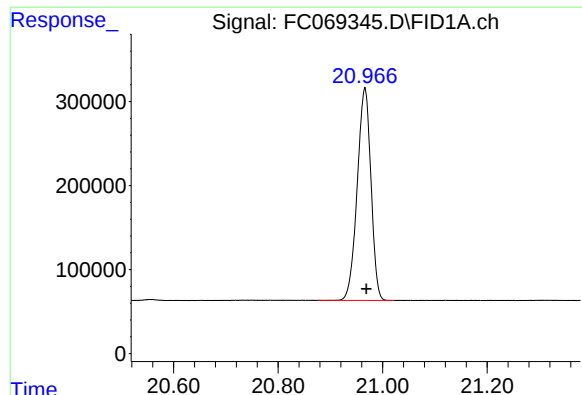
#19 n-Tetratriacontane (C34)

R.T.: 19.456 min
Delta R.T.: -0.002 min
Response: 4819860
Conc: 49.91 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.197 min
Delta R.T.: -0.003 min
Response: 4584840
Conc: 55.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.966 min
Delta R.T.: -0.003 min
Response: 4605068
Conc: 61.62 ug/ml

Instrument :

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ClientSampleId :

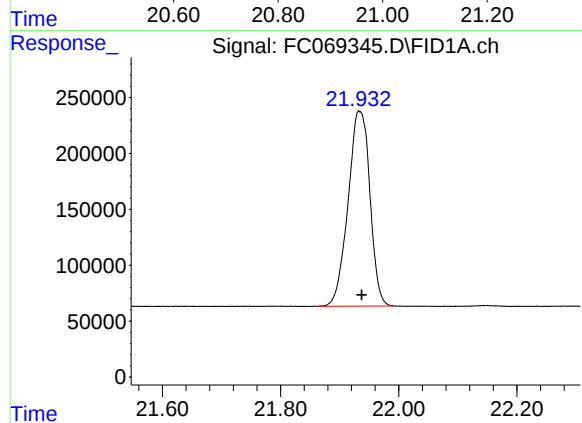
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#22 n-Tetracontane (C40)

R.T.: 21.932 min
Delta R.T.: -0.006 min
Response: 4480167
Conc: 63.26 ug/ml m