

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092624AL\
 Data File : FC067273.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2024 14:07
 Operator : YP/AJ
 Sample : PB163694BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB163694BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/27/2024
 Supervised By :Ankita Jodhani 09/27/2024

Integration File: autoint1.e
 Quant Time: Sep 27 03:20:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 2024
 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)	11.502	6004228	43.120 ug/ml
Spiked Amount 50.000		Recovery =	86.24%
12) S 1-chlorooctadecane (S...	12.940	4570546	46.788 ug/ml
Spiked Amount 50.000		Recovery =	93.58%
Target Compounds			
1) T n-Nonane (C9)	3.287	6195752	46.709 ug/ml
2) T n-Decane (C10)	4.347	6708159	49.946 ug/ml
3) T A~Naphthalene (C11.7)	5.921	7368384	51.845 ug/ml
4) T n-Dodecane (C12)	6.358	6890228	51.475 ug/ml
5) T A~2-methylnaphthalene...	6.975	6667839	49.933 ug/ml
6) T n-Tetradecane (C14)	8.153	7150470	55.483 ug/ml
7) T n-Hexadecane (C16)	9.751	7036459	54.578 ug/ml
8) T n-Octadecane (C18)	11.192	6971489	54.489 ug/ml
10) T n-Eicosane (C20)	12.500	6896591	57.417 ug/ml
11) T n-Heneicosane (C21)	13.110	6573274	56.281 ug/ml
13) T n-Docosane (C22)	13.696	6456801	55.922 ug/ml
14) T n-Tetracosane (C24)	14.766	12440618	109.549 ug/mlm
15) T n-Hexacosane (C26)	15.818	6282421	56.686 ug/ml
16) T n-Octacosane (C28)	16.766	6092932	56.406 ug/mlm
17) T n-Tricontane (C30)	17.654	6136313	56.413 ug/ml
18) T n-Dotriacontane (C32)	18.484	6043383	57.939 ug/mlm
19) T n-Tetratriacontane (C34)	19.266	5943858	64.426 ug/ml
20) T n-Hexatriacontane (C36)	20.005	5621035	70.930 ug/ml
21) T n-Octatriacontane (C38)	20.729	5447996	72.528 ug/ml
22) T n-Tetracontane (C40)	21.617	4960294	70.999 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Title : GC Extractables

QLast Update : Wed Sep 11 02:55:44 2024

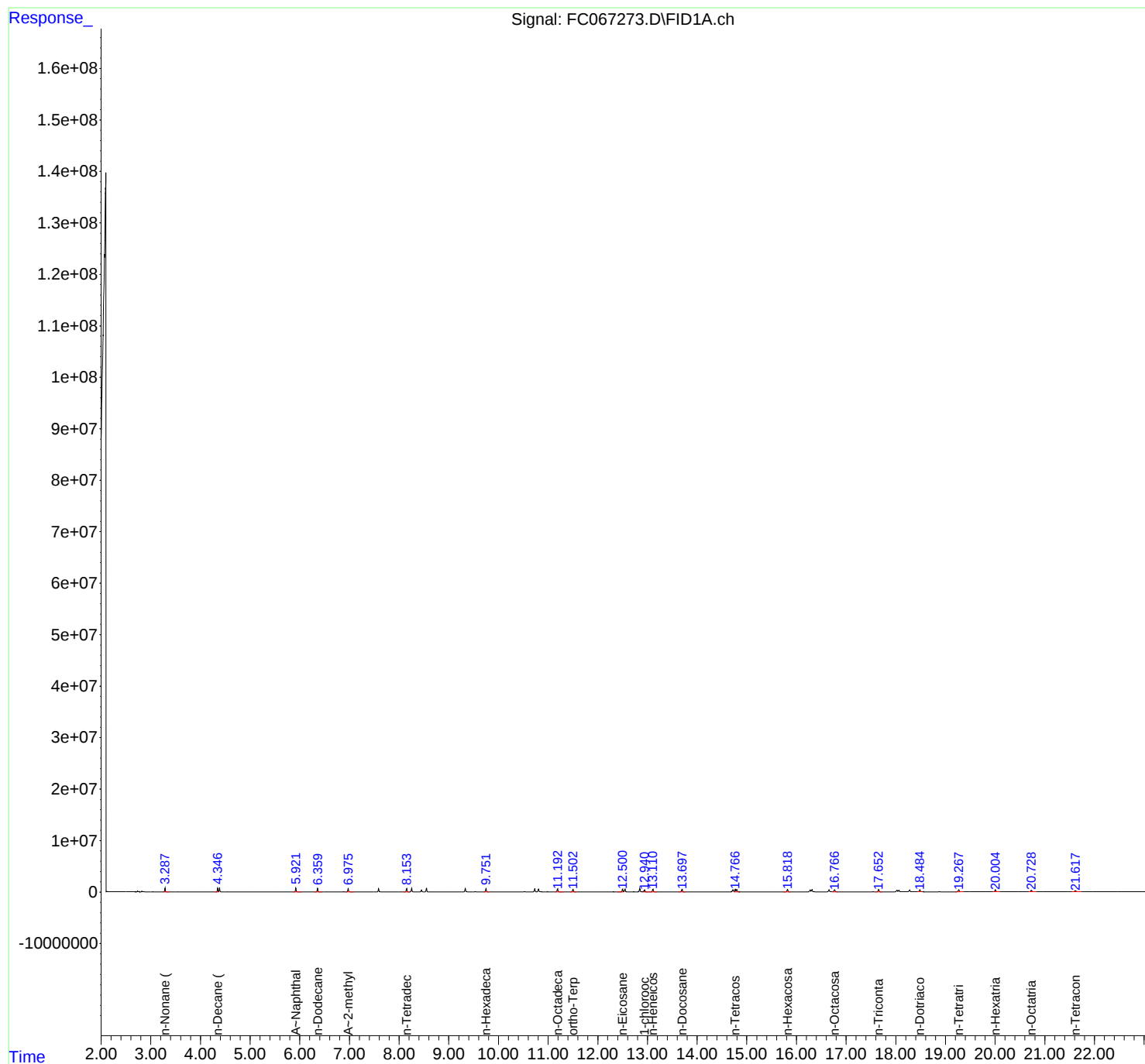
Response via : Initial Calibration

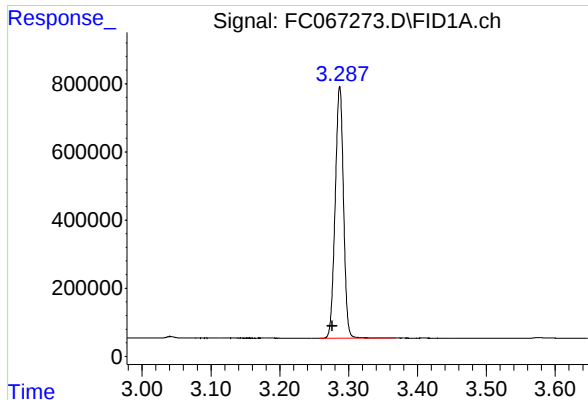
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: 0.011 min
Response: 6195752
Conc: 46.71 ug/ml

Instrument :

FID_C

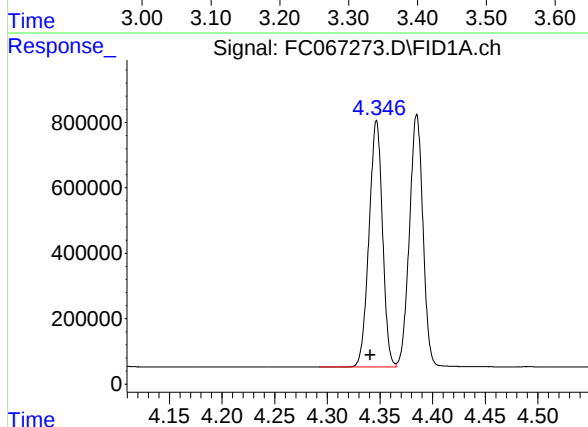
ClientSampleId :

PB163694BS

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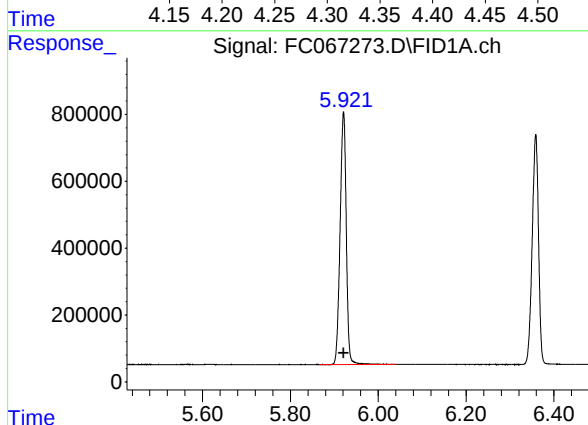
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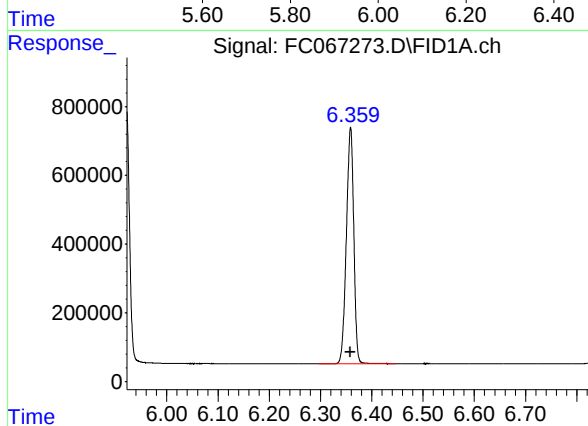
#2 n-Decane (C10)

R.T.: 4.347 min
Delta R.T.: 0.006 min
Response: 6708159
Conc: 49.95 ug/ml



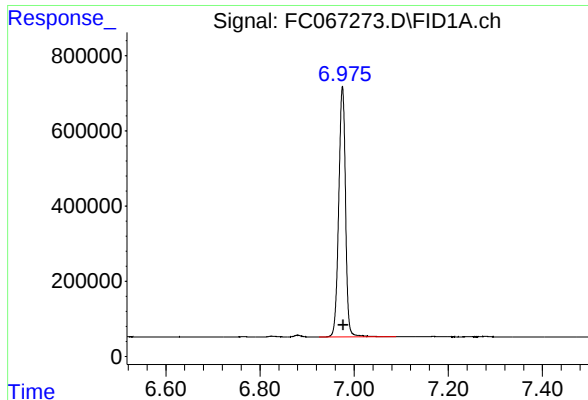
#3 A~Naphthalene (C11.7)

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 7368384
Conc: 51.84 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 6890228
Conc: 51.48 ug/ml



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

R.T.: 6.975 min
Delta R.T.: -0.002 min
Response: 6667839
Conc: 49.93 ug/ml

Instrument :

FID_C

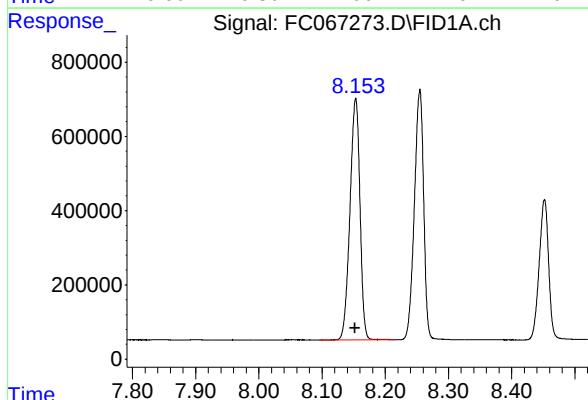
ClientSampleId :

PB163694BS

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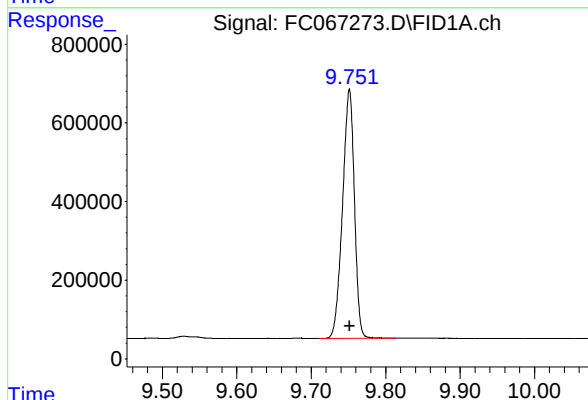
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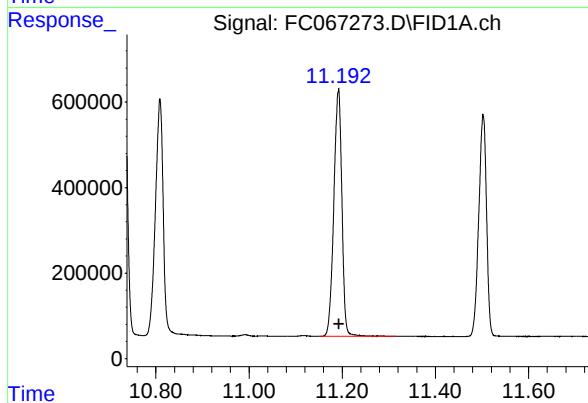
#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.001 min
Response: 7150470
Conc: 55.48 ug/ml



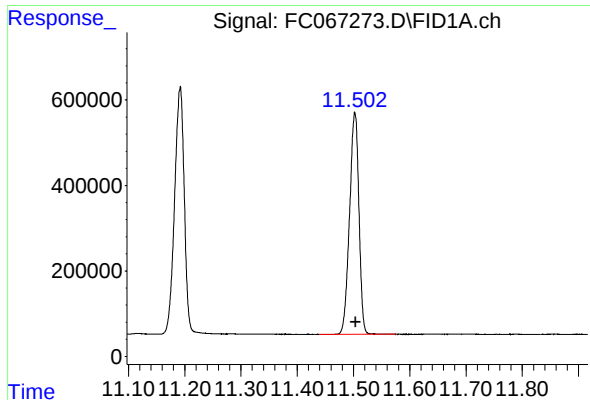
#7 n-Hexadecane (C16)

R.T.: 9.751 min
Delta R.T.: 0.000 min
Response: 7036459
Conc: 54.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.192 min
Delta R.T.: -0.001 min
Response: 6971489
Conc: 54.49 ug/ml



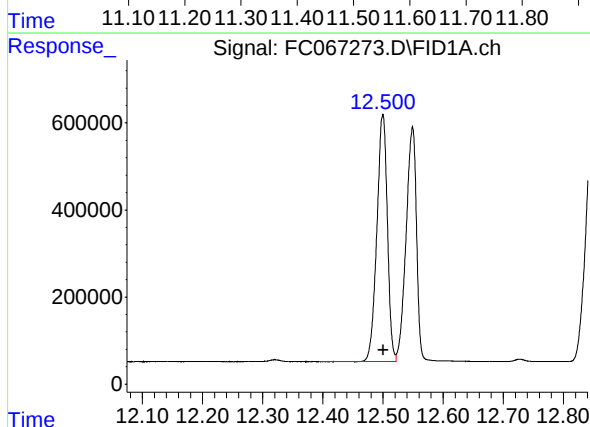
#9 ortho-Terphenyl (SURR)

R.T.: 11.502 min
Delta R.T.: -0.002 min
Response: 6004228
Conc: 43.12 ug/ml

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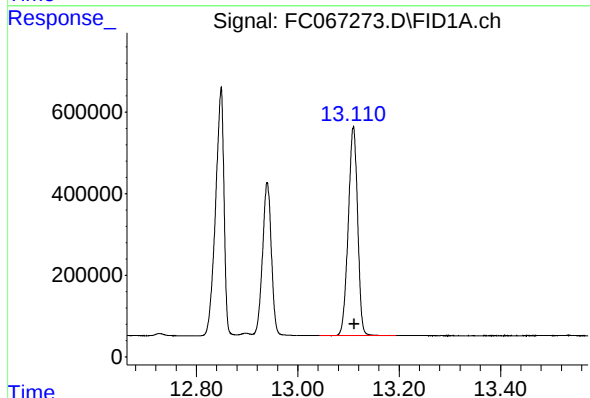
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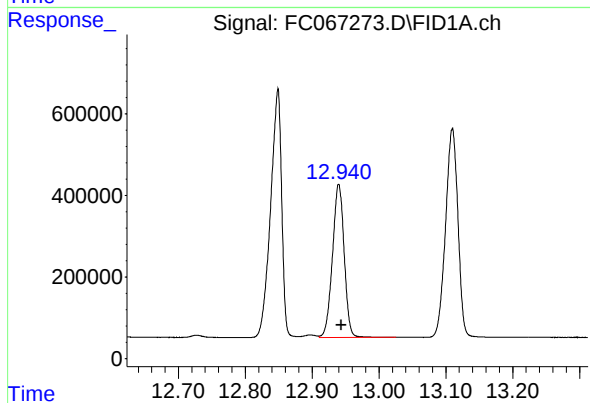
#10 n-Eicosane (C20)

R.T.: 12.500 min
Delta R.T.: -0.001 min
Response: 6896591
Conc: 57.42 ug/ml



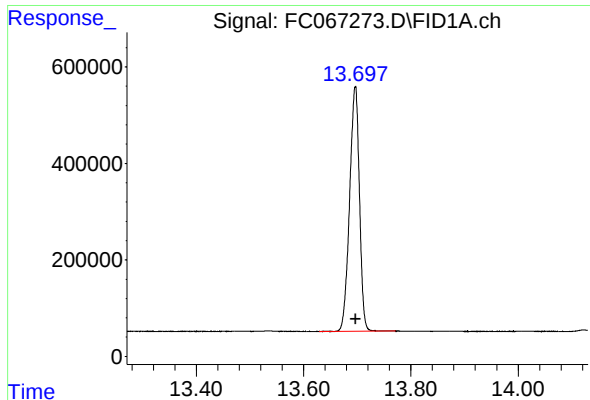
#11 n-Heneicosane (C21)

R.T.: 13.110 min
Delta R.T.: -0.002 min
Response: 6573274
Conc: 56.28 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.940 min
Delta R.T.: -0.004 min
Response: 4570546
Conc: 46.79 ug/ml



#13 n-Docosane (C22)

R.T.: 13.696 min
Delta R.T.: 0.000 min
Response: 6456801
Conc: 55.92 ug/ml

Instrument :

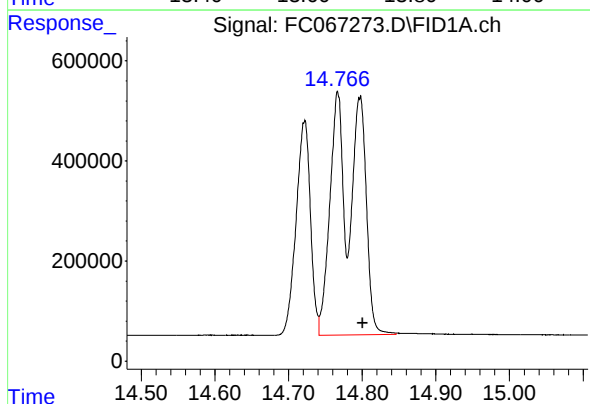
FID_C

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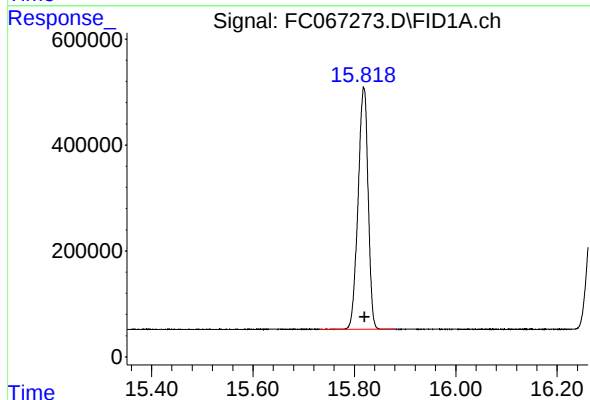
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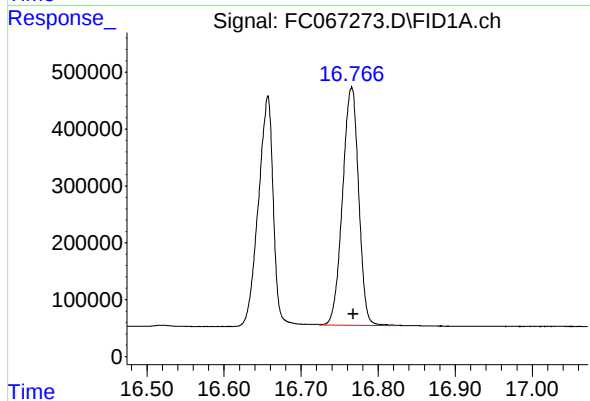
#14 n-Tetracosane (C24)

R.T.: 14.766 min
Delta R.T.: -0.035 min
Response: 12440618
Conc: 109.55 ug/ml m



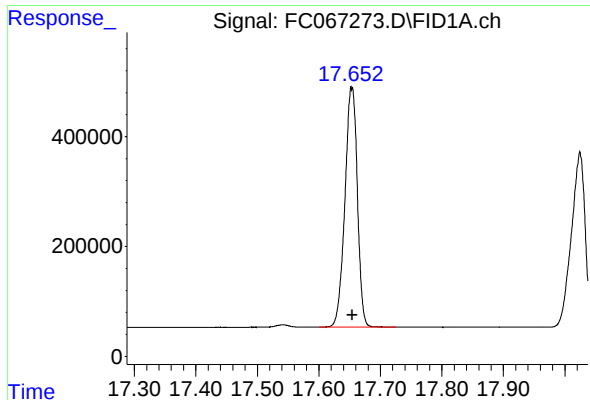
#15 n-Hexacosane (C26)

R.T.: 15.818 min
Delta R.T.: -0.002 min
Response: 6282421
Conc: 56.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.766 min
Delta R.T.: -0.002 min
Response: 6092932
Conc: 56.41 ug/ml m



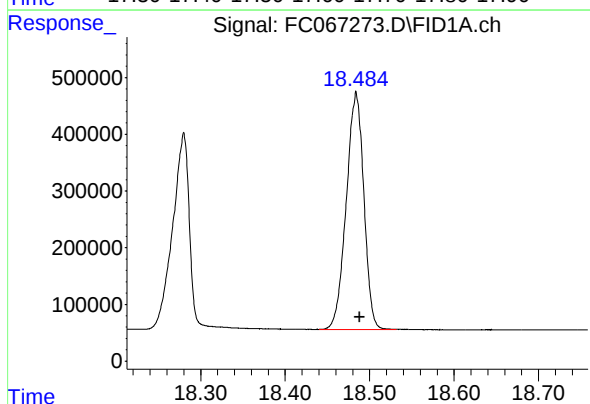
#17 n-Tricontane (C30)

R.T.: 17.654 min
Delta R.T.: 0.000 min
Response: 6136313
Conc: 56.41 ug/ml

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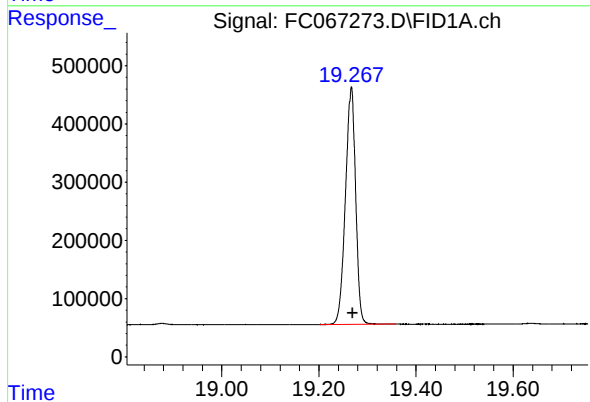
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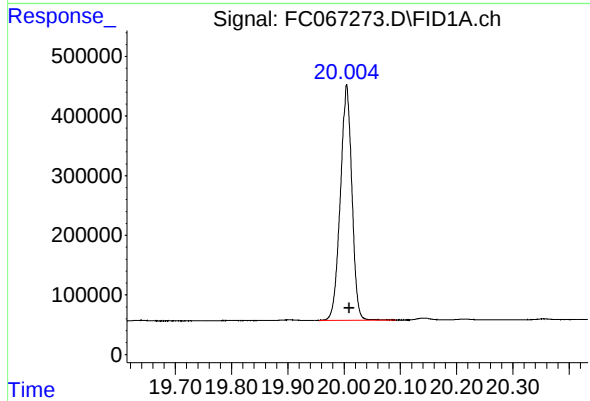
#18 n-Dotriacontane (C32)

R.T.: 18.484 min
Delta R.T.: -0.005 min
Response: 6043383
Conc: 57.94 ug/ml m



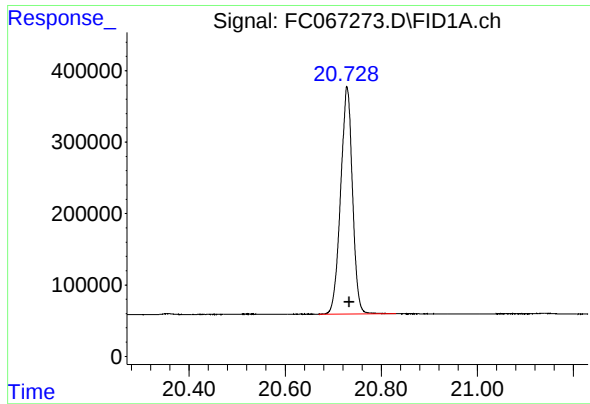
#19 n-Tetratriacontane (C34)

R.T.: 19.266 min
Delta R.T.: -0.003 min
Response: 5943858
Conc: 64.43 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.005 min
Delta R.T.: -0.005 min
Response: 5621035
Conc: 70.93 ug/ml



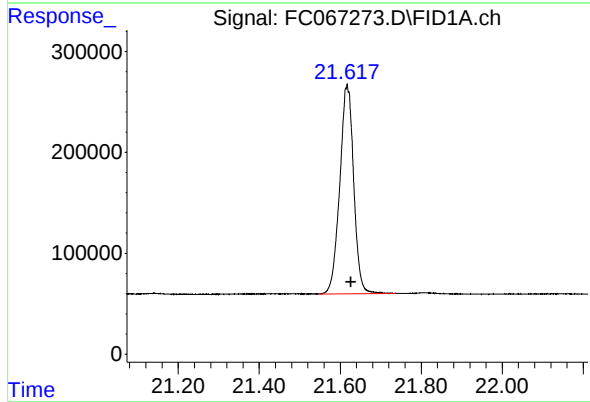
#21 n-Octatriacontane (C38)

R.T.: 20.729 min
Delta R.T.: -0.004 min
Response: 5447996
Conc: 72.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.617 min
Delta R.T.: -0.010 min
Response: 4960294
Conc: 71.00 ug/ml m