

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092624AL\
 Data File : FC067274.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2024 14:45
 Operator : YP/AJ
 Sample : PB163694BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB163694BSD

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 03:20:44 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)	11.503	5720166	41.080 ug/ml
Spiked Amount 50.000		Recovery =	82.16%
12) S 1-chlorooctadecane (S...	12.940	4359210	44.625 ug/ml
Spiked Amount 50.000		Recovery =	89.25%
Target Compounds			
1) T n-Nonane (C9)	3.286	5915259	44.594 ug/ml
2) T n-Decane (C10)	4.347	6404929	47.689 ug/ml
3) T A~Naphthalene (C11.7)	5.921	7021739	49.406 ug/ml
4) T n-Dodecane (C12)	6.359	6572052	49.098 ug/ml
5) T A~2-methylnaphthalene...	6.976	6353436	47.578 ug/ml
6) T n-Tetradecane (C14)	8.153	6801310	52.774 ug/ml
7) T n-Hexadecane (C16)	9.751	6711293	52.055 ug/ml
8) T n-Octadecane (C18)	11.191	6643862	51.929 ug/ml
10) T n-Eicosane (C20)	12.499	6580207	54.783 ug/ml
11) T n-Heneicosane (C21)	13.110	6283017	53.796 ug/ml
13) T n-Docosane (C22)	13.695	6176051	53.491 ug/ml
14) T n-Tetracosane (C24)	14.766	12077236	106.350 ug/mlm
15) T n-Hexacosane (C26)	15.819	6012808	54.253 ug/ml
16) T n-Octacosane (C28)	16.765	5810468	53.791 ug/ml
17) T n-Tricontane (C30)	17.653	5890875	54.157 ug/ml
18) T n-Dotriacontane (C32)	18.484	5814459	55.744 ug/mlm
19) T n-Tetratriacontane (C34)	19.266	5728489	62.092 ug/ml
20) T n-Hexatriacontane (C36)	20.005	5415721	68.339 ug/ml
21) T n-Octatriacontane (C38)	20.730	5293686	70.474 ug/ml
22) T n-Tetracontane (C40)	21.614	4853297	69.467 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB163694BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

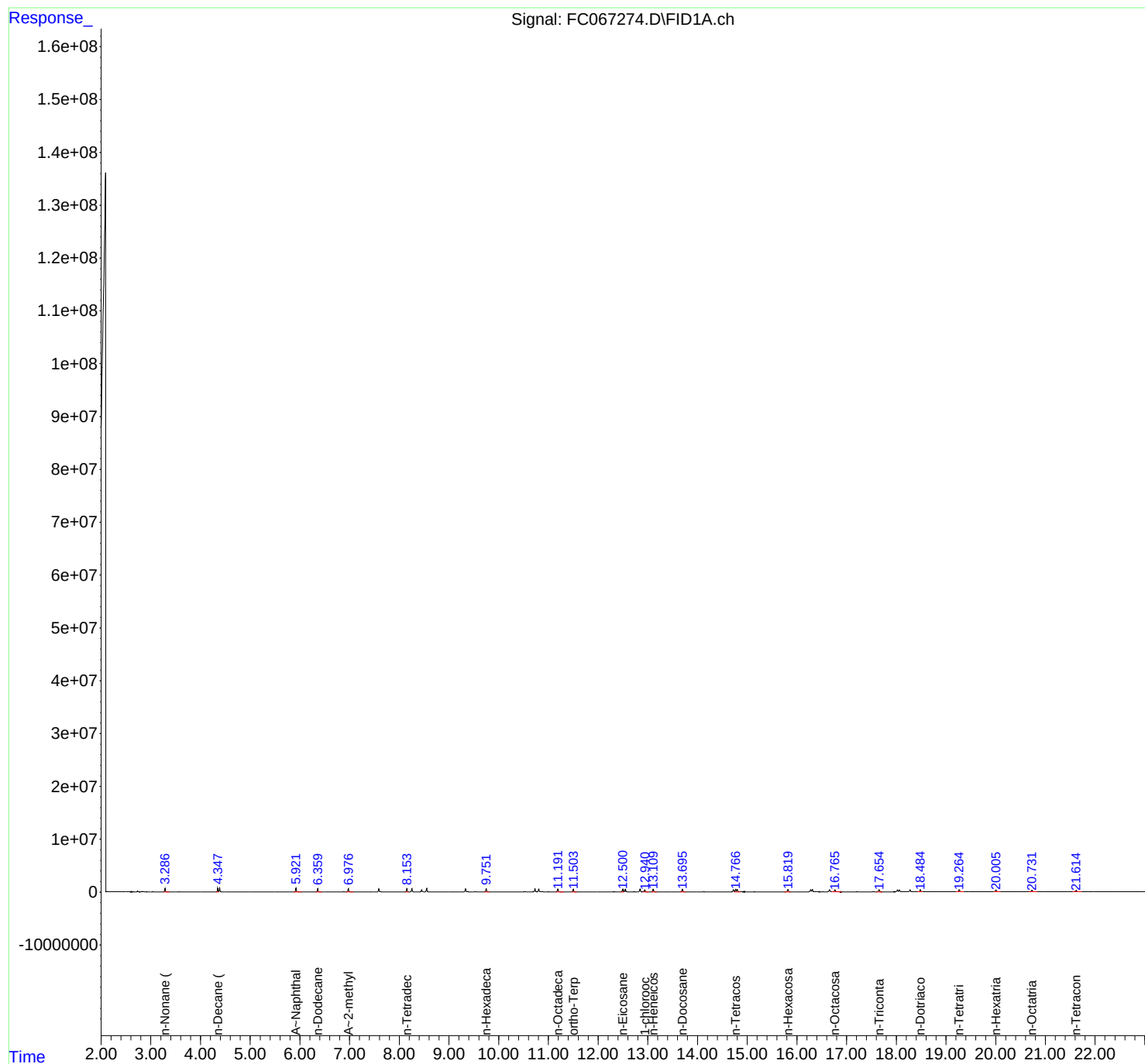
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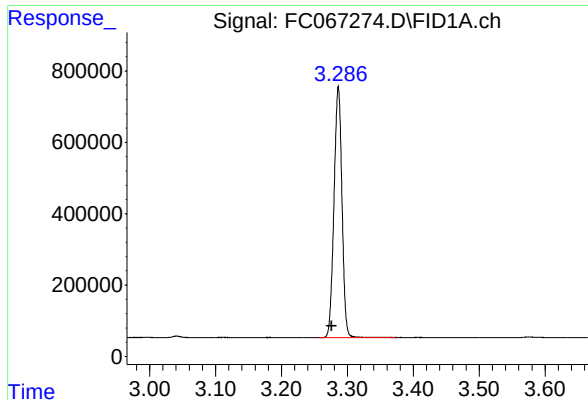
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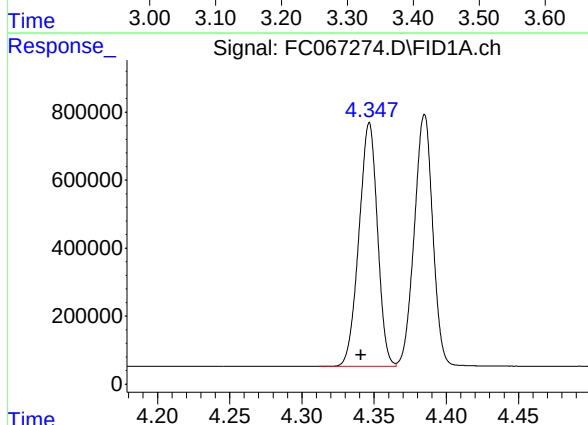
#1 n-Nonane (C9)

R.T.: 3.286 min
Delta R.T.: 0.010 min
Response: 5915259
Conc: 44.59 ug/ml

Instrument :
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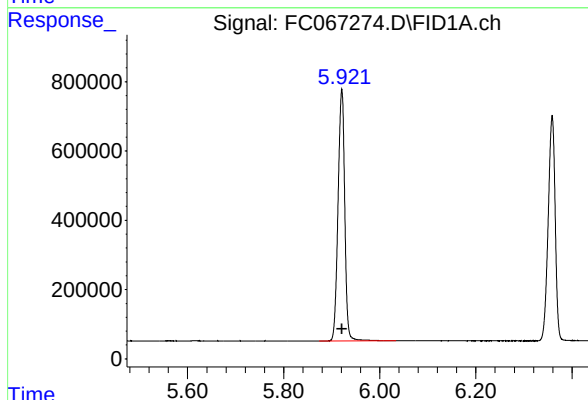
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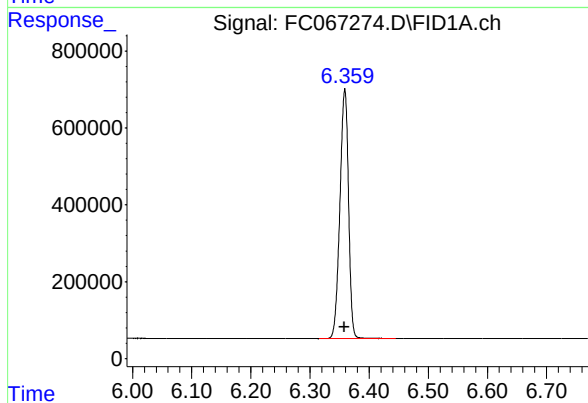
#2 n-Decane (C10)

R.T.: 4.347 min
Delta R.T.: 0.006 min
Response: 6404929
Conc: 47.69 ug/ml



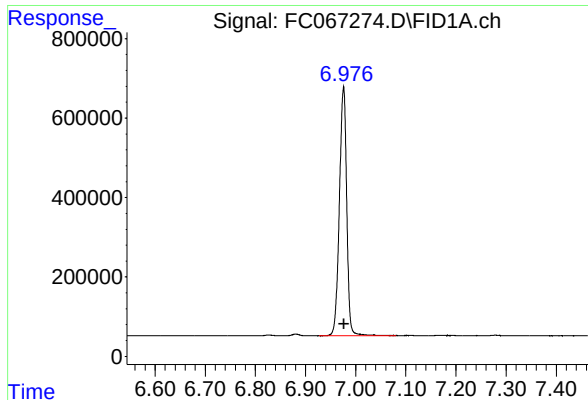
#3 A~Naphthalene (C11.7)

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 7021739
Conc: 49.41 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 6572052
Conc: 49.10 ug/ml



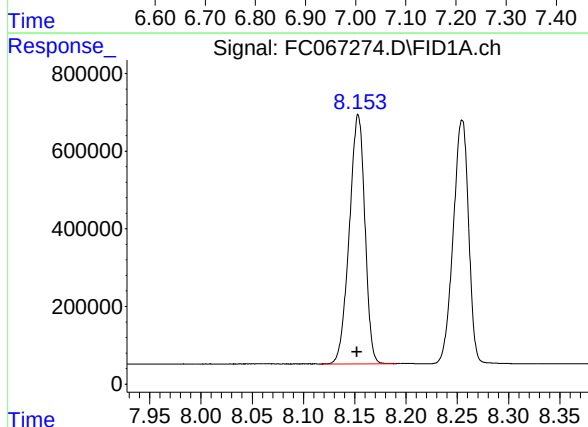
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.976 min
Delta R.T.: -0.002 min
Response: 6353436
Conc: 47.58 ug/ml

Instrument :
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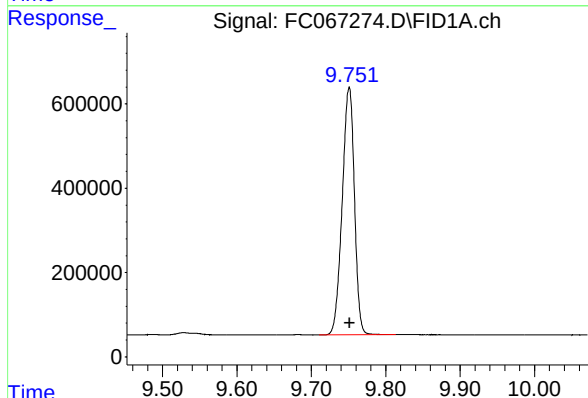
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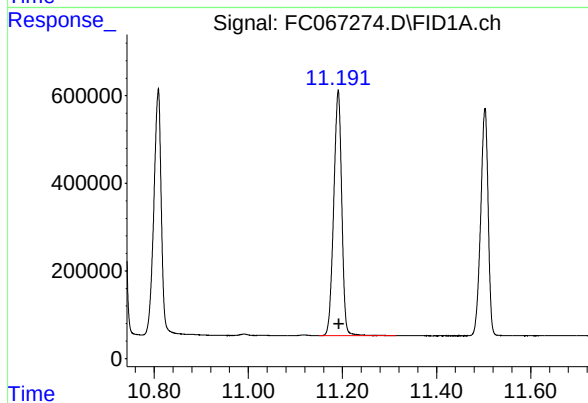
#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.001 min
Response: 6801310
Conc: 52.77 ug/ml



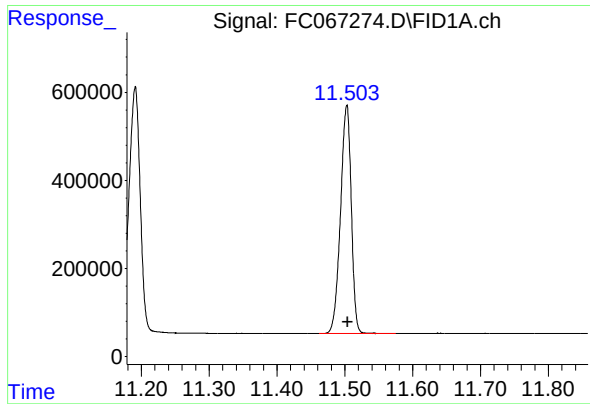
#7 n-Hexadecane (C16)

R.T.: 9.751 min
Delta R.T.: -0.001 min
Response: 6711293
Conc: 52.06 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.191 min
Delta R.T.: -0.002 min
Response: 6643862
Conc: 51.93 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.503 min
Delta R.T.: -0.001 min
Response: 5720166
Conc: 41.08 ug/ml

Instrument :

FID_C

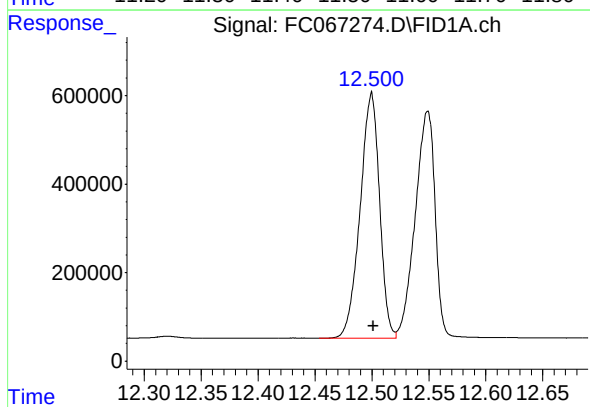
ClientSampleId :

PB163694BSD

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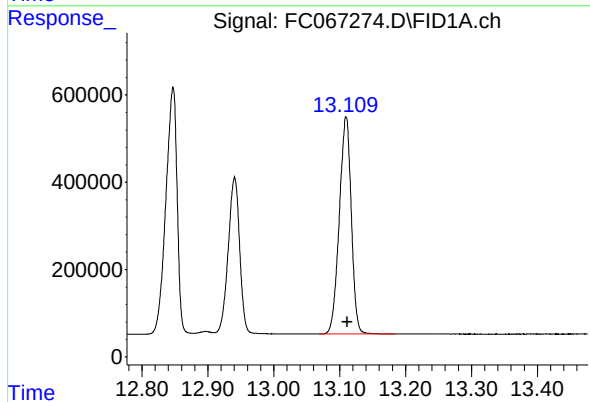
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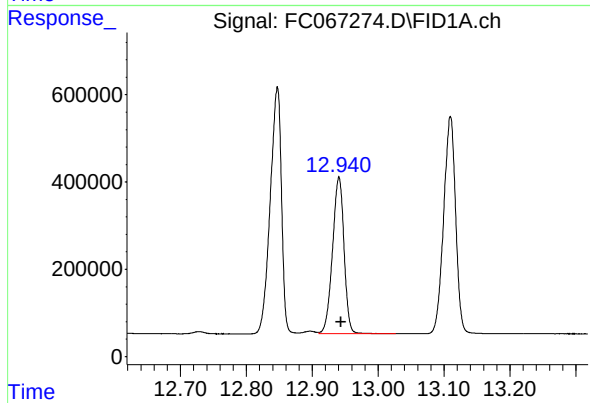
#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: -0.002 min
Response: 6580207
Conc: 54.78 ug/ml



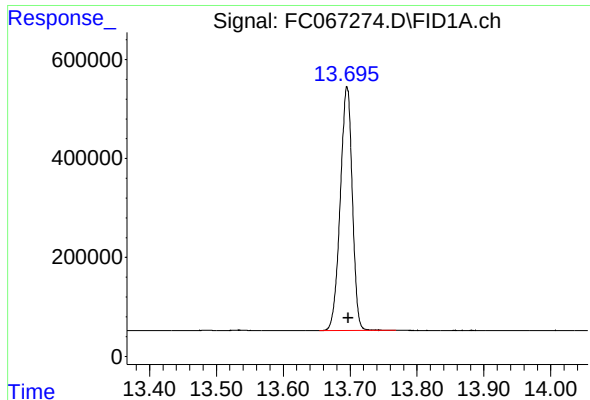
#11 n-Heneicosane (C21)

R.T.: 13.110 min
Delta R.T.: -0.002 min
Response: 6283017
Conc: 53.80 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.940 min
Delta R.T.: -0.003 min
Response: 4359210
Conc: 44.62 ug/ml



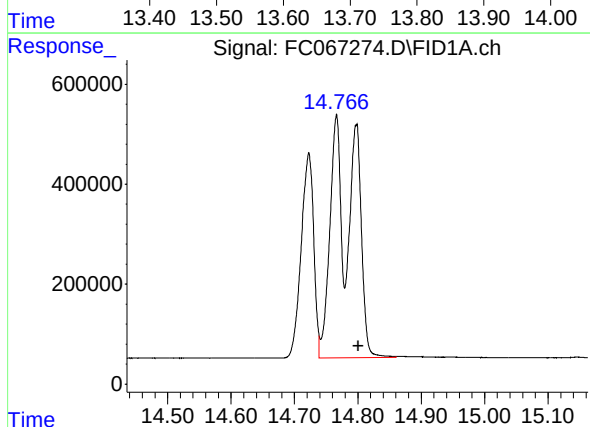
#13 n-Docosane (C22)

R.T.: 13.695 min
Delta R.T.: -0.002 min
Response: 6176051
Conc: 53.49 ug/ml

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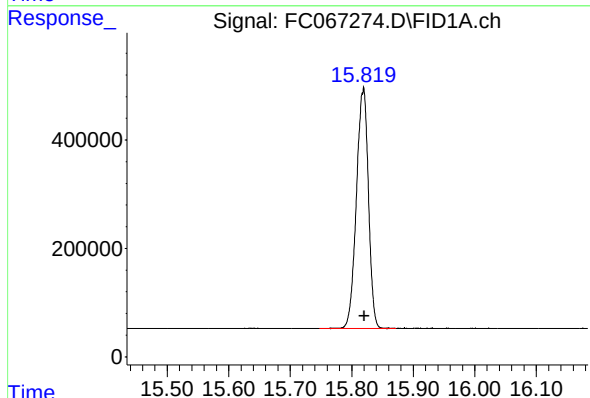
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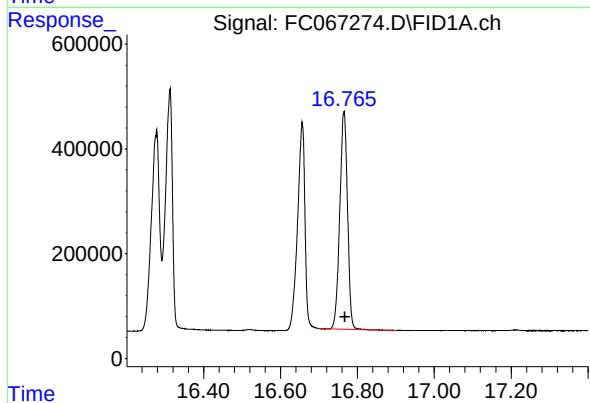
#14 n-Tetracosane (C24)

R.T.: 14.766 min
Delta R.T.: -0.034 min
Response: 12077236
Conc: 106.35 ug/ml m



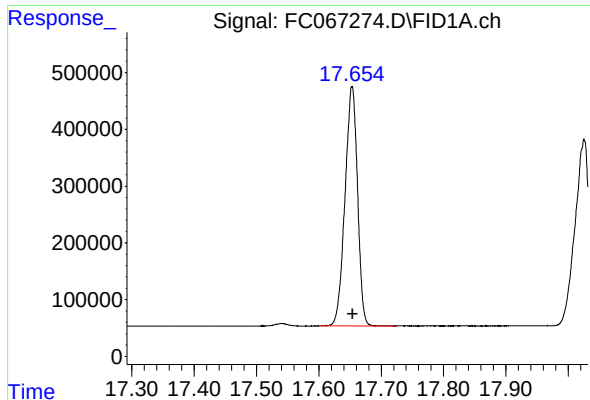
#15 n-Hexacosane (C26)

R.T.: 15.819 min
Delta R.T.: -0.002 min
Response: 6012808
Conc: 54.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.765 min
Delta R.T.: -0.003 min
Response: 5810468
Conc: 53.79 ug/ml



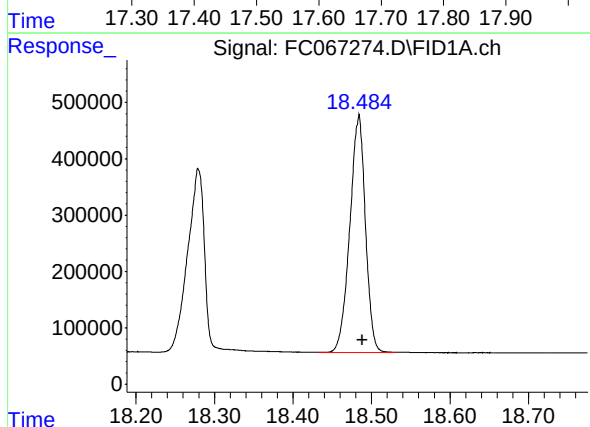
#17 n-Tricontane (C30)

R.T.: 17.653 min
Delta R.T.: -0.001 min
Response: 5890875
Conc: 54.16 ug/ml

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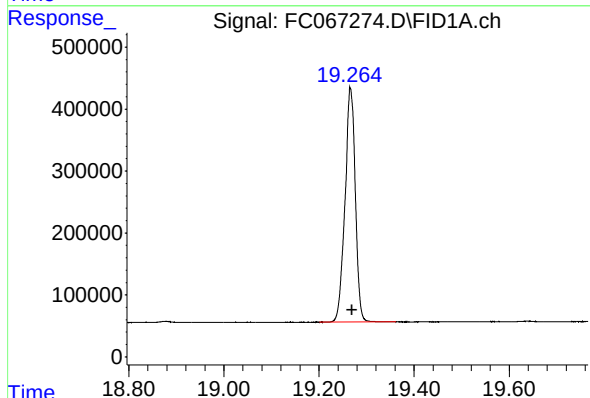
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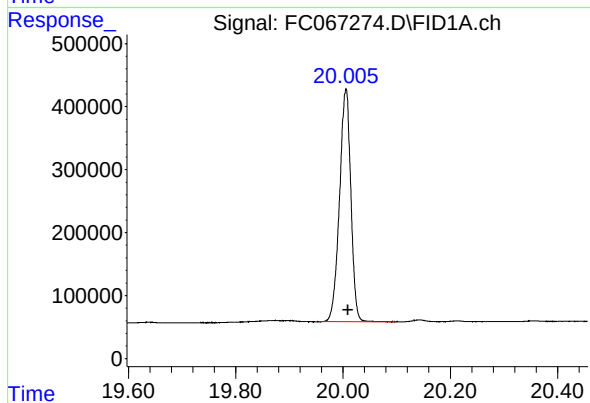
#18 n-Dotriacontane (C32)

R.T.: 18.484 min
Delta R.T.: -0.004 min
Response: 5814459
Conc: 55.74 ug/ml m



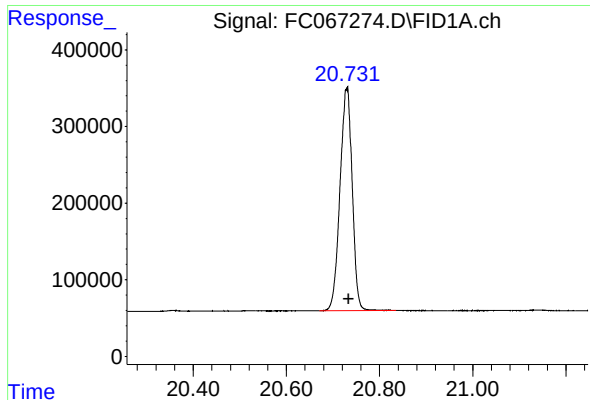
#19 n-Tetratriacontane (C34)

R.T.: 19.266 min
Delta R.T.: -0.003 min
Response: 5728489
Conc: 62.09 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.005 min
Delta R.T.: -0.004 min
Response: 5415721
Conc: 68.34 ug/ml



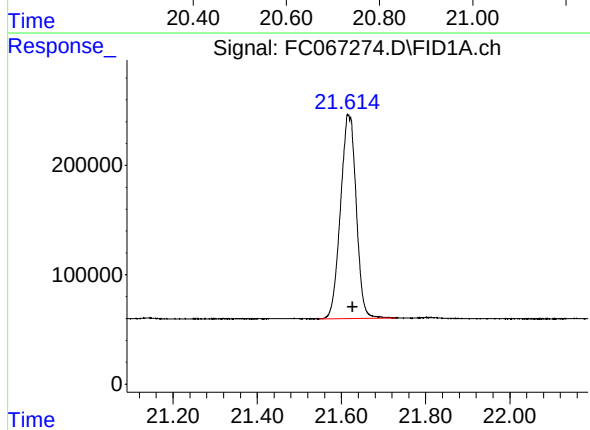
#21 n-Octatriacontane (C38)

R.T.: 20.730 min
Delta R.T.: -0.004 min
Response: 5293686
Conc: 70.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.614 min
Delta R.T.: -0.013 min
Response: 4853297
Conc: 69.47 ug/ml m