

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092624AL\
 Data File : FC067287.D
 Signal(s) : FID1A.ch
 Acq On : 27 Sep 2024 00:27
 Operator : YP/AJ
 Sample : P4198-06MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

TP1-WC-1MS

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 03:22:25 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)	11.505	5254195	37.733 ug/mlm
Spiked Amount 50.000		Recovery =	75.47%
12) S 1-chlorooctadecane (S...	12.942	3958914	40.527 ug/mlm
Spiked Amount 50.000		Recovery =	81.05%
Target Compounds			
1) T n-Nonane (C9)	3.278	4891233	36.874 ug/ml
2) T n-Decane (C10)	4.343	5633673	41.946 ug/ml
3) T A~Naphthalene (C11.7)	5.919	6218388	43.753 ug/ml
4) T n-Dodecane (C12)	6.358	5903545	44.104 ug/ml
5) T A~2-methylnaphthalene...	6.975	5883108	44.056 ug/ml
6) T n-Tetradecane (C14)	8.153	7092414	55.033 ug/ml
7) T n-Hexadecane (C16)	9.752	7439087	57.701 ug/mlm
8) T n-Octadecane (C18)	11.194	7556755	59.064 ug/mlm
10) T n-Eicosane (C20)	12.503	7469701	62.189 ug/mlm
11) T n-Heneicosane (C21)	13.112	7688279	65.828 ug/ml
13) T n-Docosane (C22)	13.698	7167517	62.078 ug/ml
14) T n-Tetracosane (C24)	14.771	13802438	121.541 ug/mlm
15) T n-Hexacosane (C26)	15.820	6879224	62.071 ug/ml
16) T n-Octacosane (C28)	16.766	6703345	62.057 ug/ml
17) T n-Tricontane (C30)	17.654	6692928	61.531 ug/ml
18) T n-Dotriacontane (C32)	18.484	6635448	63.615 ug/mlm
19) T n-Tetratriacontane (C34)	19.266	6511214	70.576 ug/ml
20) T n-Hexatriacontane (C36)	20.004	6165476	77.800 ug/ml
21) T n-Octatriacontane (C38)	20.730	6008961	79.996 ug/ml
22) T n-Tetracontane (C40)	21.617	5465926	78.236 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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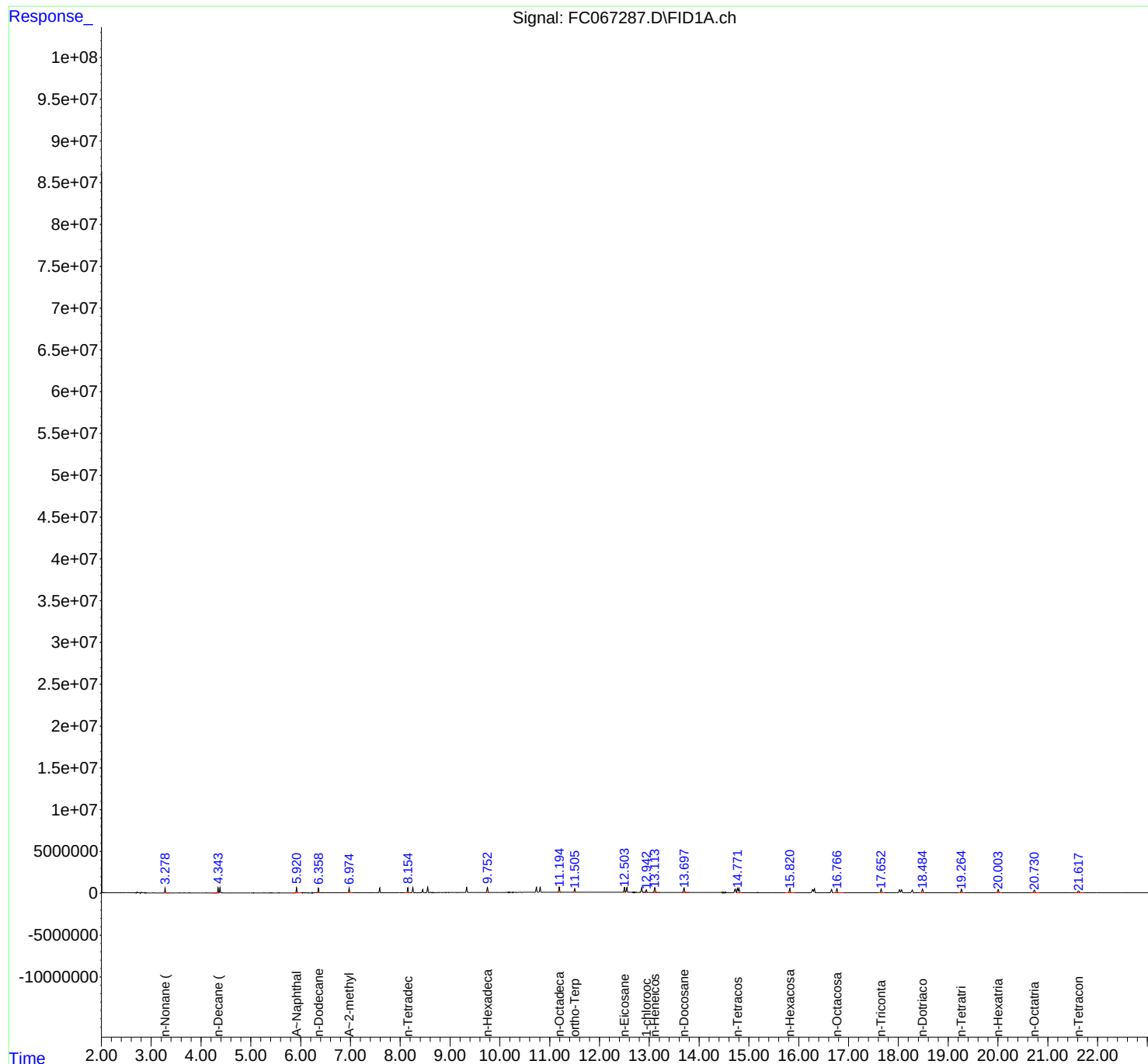
Response via : Initial Calibration

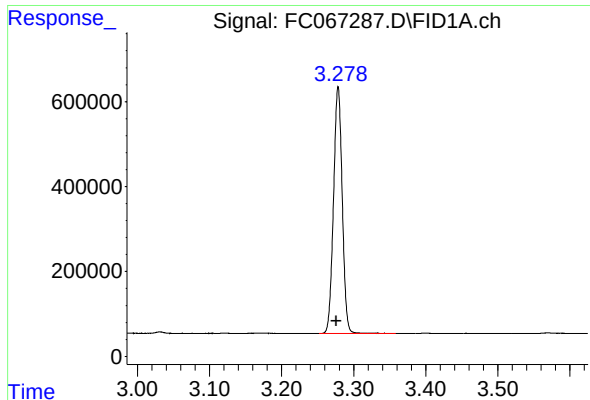
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





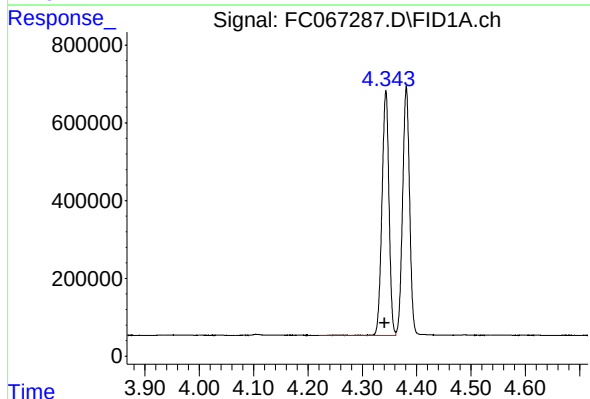
#1 n-Nonane (C9)

R.T.: 3.278 min
Delta R.T.: 0.002 min
Response: 4891233
Conc: 36.87 ug/ml

Instrument :
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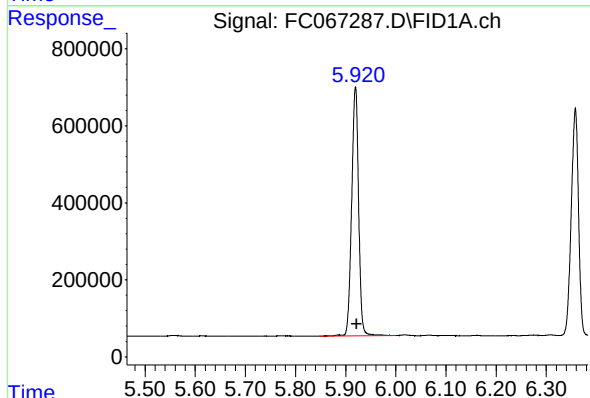
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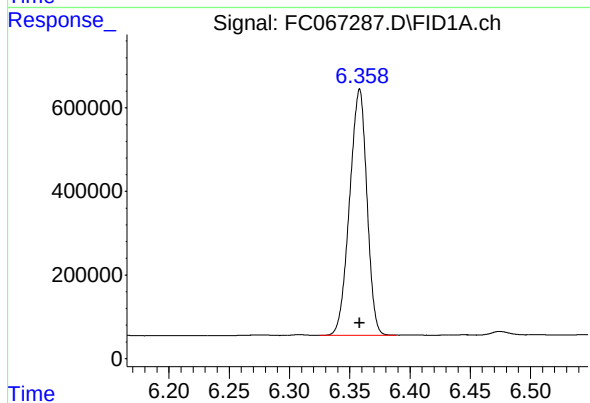
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: 0.002 min
Response: 5633673
Conc: 41.95 ug/ml



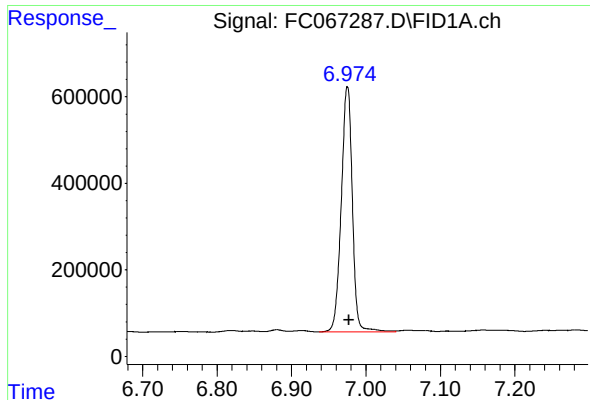
#3 A~Naphthalene (C11.7)

R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 6218388
Conc: 43.75 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 5903545
Conc: 44.10 ug/ml



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

R.T.: 6.975 min
Delta R.T.: -0.002 min
Response: 5883108
Conc: 44.06 ug/ml

Instrument :

FID_C

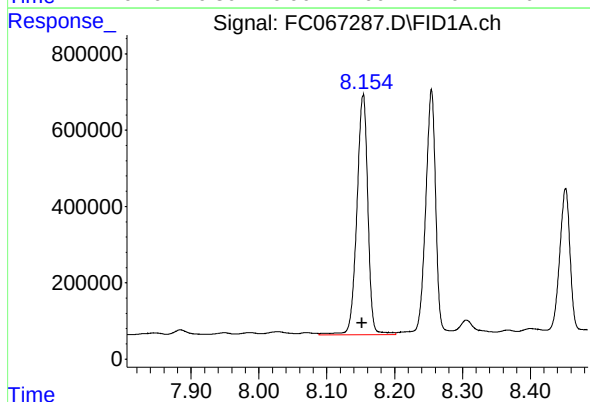
ClientSampleId :

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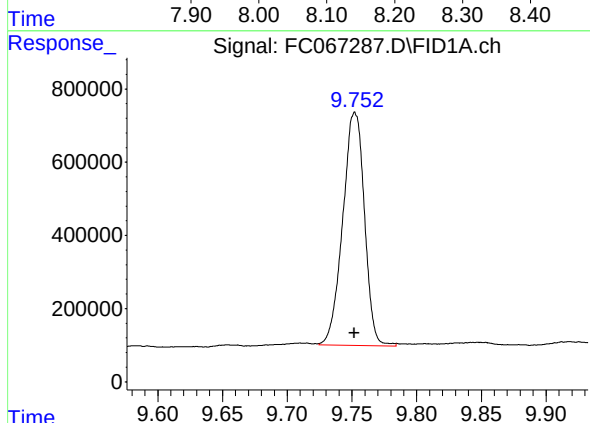
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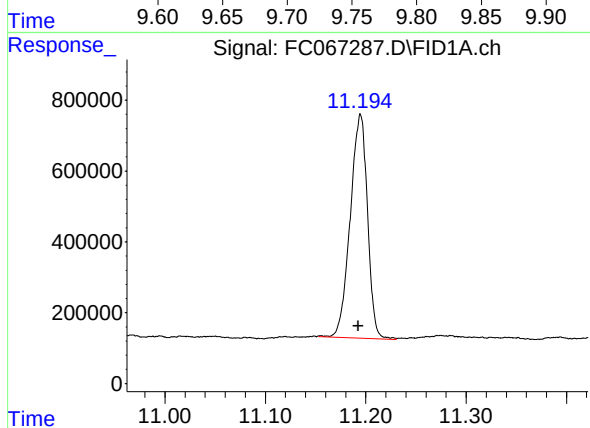
#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.001 min
Response: 7092414
Conc: 55.03 ug/ml



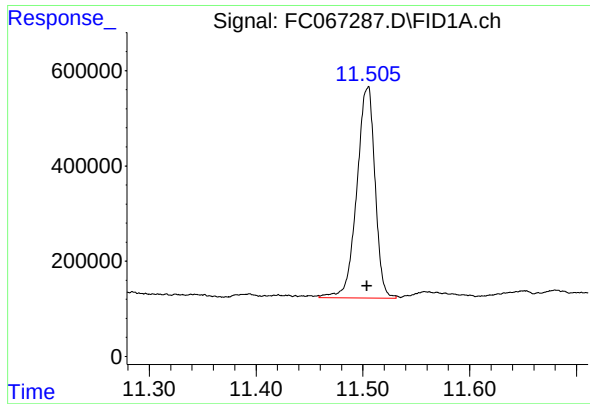
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: 0.000 min
Response: 7439087
Conc: 57.70 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.194 min
Delta R.T.: 0.001 min
Response: 7556755
Conc: 59.06 ug/ml m



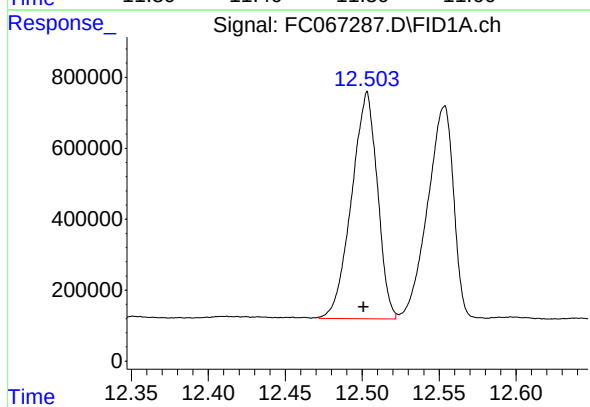
#9 ortho-Terphenyl (SURR)

R.T.: 11.505 min
Delta R.T.: 0.001 min
Response: 5254195
Conc: 37.73 ug/ml

Instrument :
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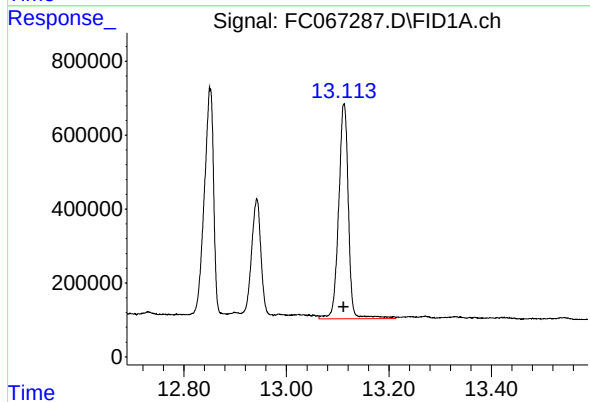
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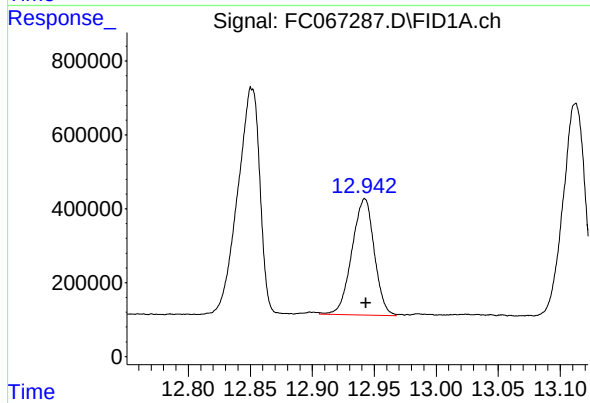
#10 n-Eicosane (C20)

R.T.: 12.503 min
Delta R.T.: 0.002 min
Response: 7469701
Conc: 62.19 ug/ml m



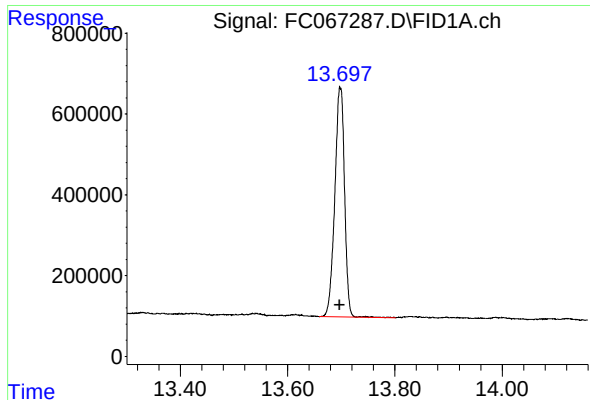
#11 n-Heneicosane (C21)

R.T.: 13.112 min
Delta R.T.: 0.000 min
Response: 7688279
Conc: 65.83 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.942 min
Delta R.T.: -0.002 min
Response: 3958914
Conc: 40.53 ug/ml m



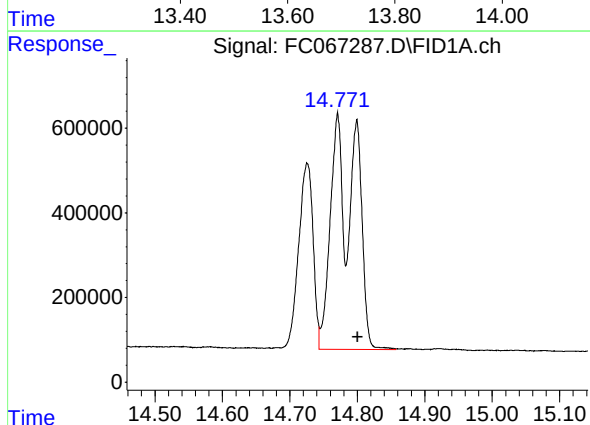
#13 n-Docosane (C22)

R.T.: 13.698 min
Delta R.T.: 0.001 min
Response: 7167517
Conc: 62.08 ug/ml

Instrument :
FID_C
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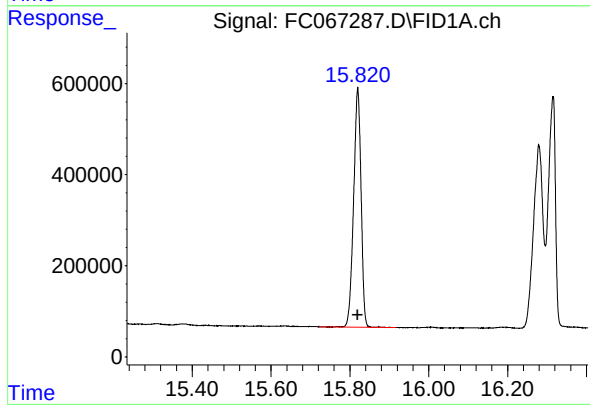
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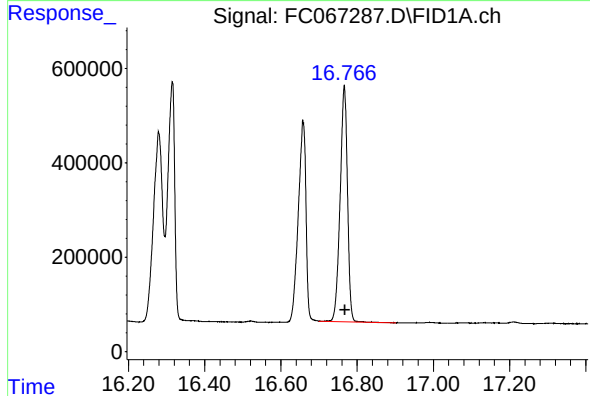
#14 n-Tetracosane (C24)

R.T.: 14.771 min
Delta R.T.: -0.030 min
Response: 13802438
Conc: 121.54 ug/ml m



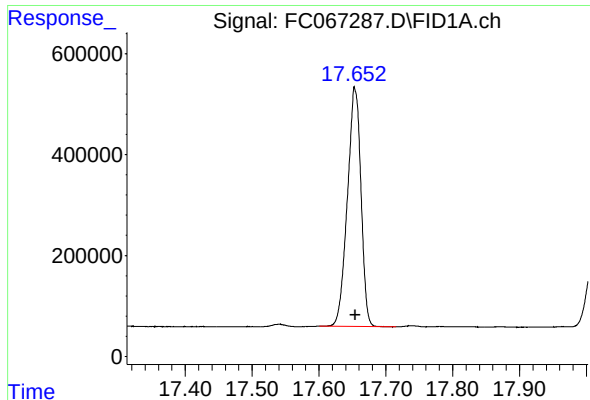
#15 n-Hexacosane (C26)

R.T.: 15.820 min
Delta R.T.: 0.000 min
Response: 6879224
Conc: 62.07 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.766 min
Delta R.T.: -0.002 min
Response: 6703345
Conc: 62.06 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.654 min
Delta R.T.: 0.000 min
Response: 6692928
Conc: 61.53 ug/ml

Instrument :

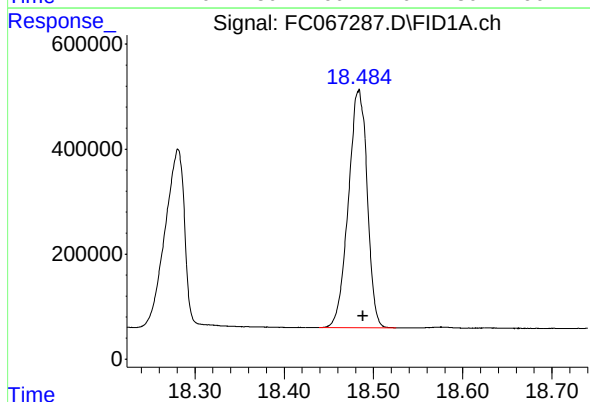
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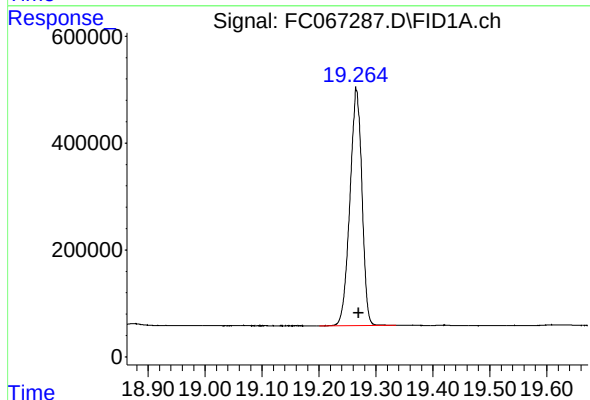
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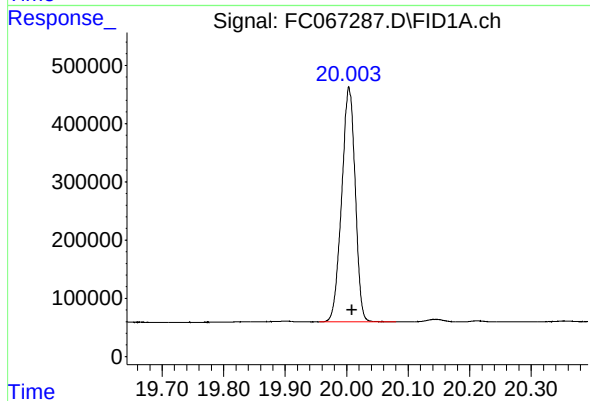
#18 n-Dotriacontane (C32)

R.T.: 18.484 min
Delta R.T.: -0.004 min
Response: 6635448
Conc: 63.62 ug/ml m



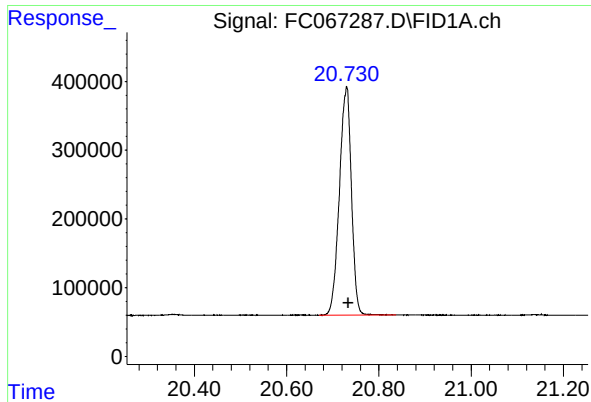
#19 n-Tetratriacontane (C34)

R.T.: 19.266 min
Delta R.T.: -0.004 min
Response: 6511214
Conc: 70.58 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.004 min
Delta R.T.: -0.005 min
Response: 6165476
Conc: 77.80 ug/ml



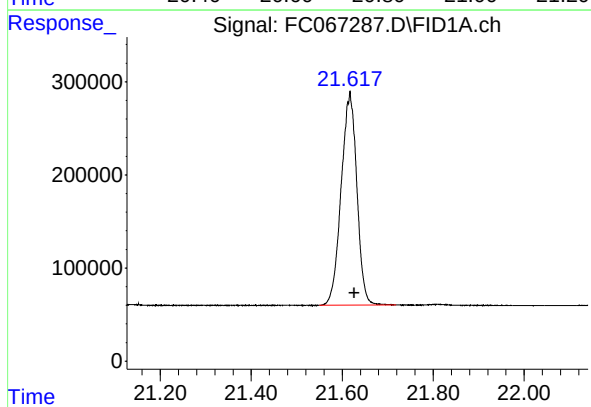
#21 n-Octatriacontane (C38)

R.T.: 20.730 min
Delta R.T.: -0.004 min
Response: 6008961
Conc: 80.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.617 min
Delta R.T.: -0.010 min
Response: 5465926
Conc: 78.24 ug/ml m