

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091824AL\
 Data File : FC067157.D
 Signal(s) : FID1A.ch
 Acq On : 18 Sep 2024 20:13
 Operator : YP/AJ
 Sample : PB163487BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB163487BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :Ankita Jodhani 09/19/2024

Integration File: autoint1.e

Quant Time: Sep 19 04:05:42 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)	11.508	5766950	41.416 ug/ml
Spiked Amount 50.000		Recovery =	82.83%
12) S 1-chlorooctadecane (S...	12.946	4394680	44.988 ug/ml
Spiked Amount 50.000		Recovery =	89.98%
Target Compounds			
1) T n-Nonane (C9)	3.287	5005420	37.735 ug/ml
2) T n-Decane (C10)	4.349	5473368	40.753 ug/ml
3) T A~Naphthalene (C11.7)	5.925	6083832	42.806 ug/ml
4) T n-Dodecane (C12)	6.362	5772543	43.125 ug/ml
5) T A~2-methylnaphthalene...	6.980	5581000	41.794 ug/ml
6) T n-Tetradecane (C14)	8.157	6067709	47.082 ug/ml
7) T n-Hexadecane (C16)	9.755	6029289	46.766 ug/ml
8) T n-Octadecane (C18)	11.196	5957866	46.567 ug/ml
10) T n-Eicosane (C20)	12.504	5886083	49.004 ug/ml
11) T n-Heneicosane (C21)	13.115	5608686	48.022 ug/ml
13) T n-Docosane (C22)	13.700	5510797	47.729 ug/ml
14) T n-Tetracosane (C24)	14.802	10736419	94.543 ug/mlm
15) T n-Hexacosane (C26)	15.824	5335668	48.143 ug/ml
16) T n-Octacosane (C28)	16.770	5249521	48.598 ug/mlm
17) T n-Tricontane (C30)	17.658	5294754	48.677 ug/ml
18) T n-Dotriacontane (C32)	18.489	5227130	50.113 ug/ml
19) T n-Tetratriacontane (C34)	19.272	5058718	54.832 ug/ml
20) T n-Hexatriacontane (C36)	20.011	4594887	57.981 ug/ml
21) T n-Octatriacontane (C38)	20.736	4099008	54.569 ug/ml
22) T n-Tetracontane (C40)	21.626	3261884	46.689 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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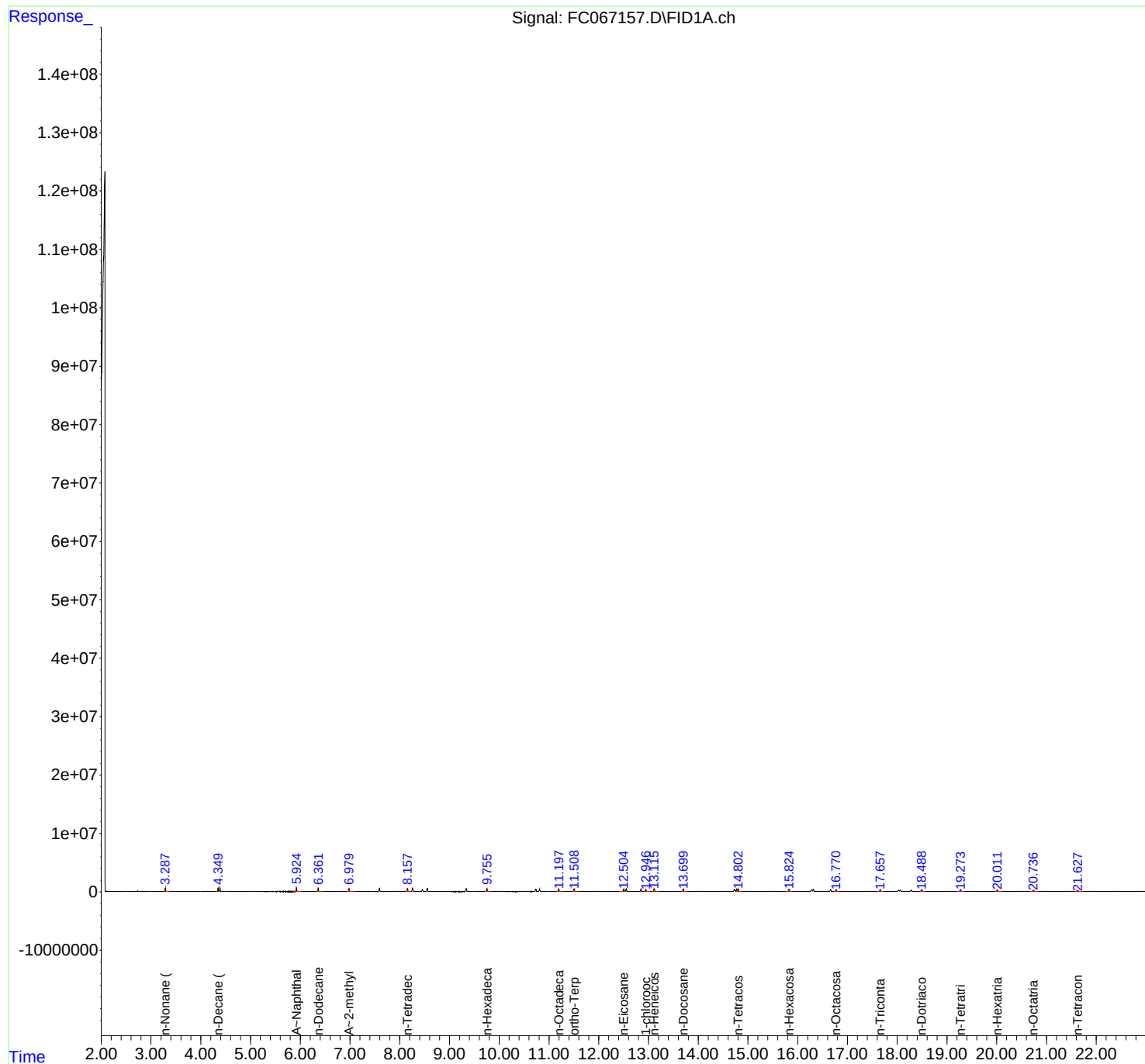
Response via : Initial Calibration

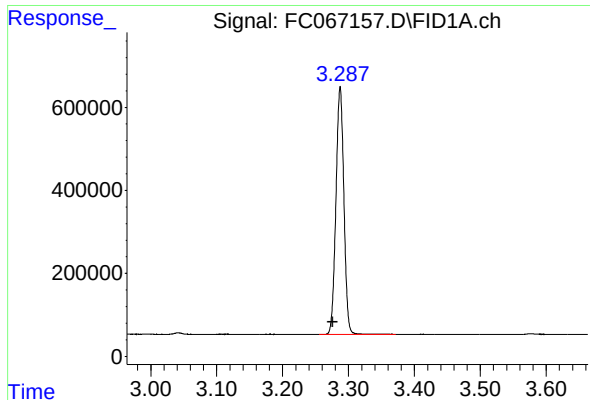
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





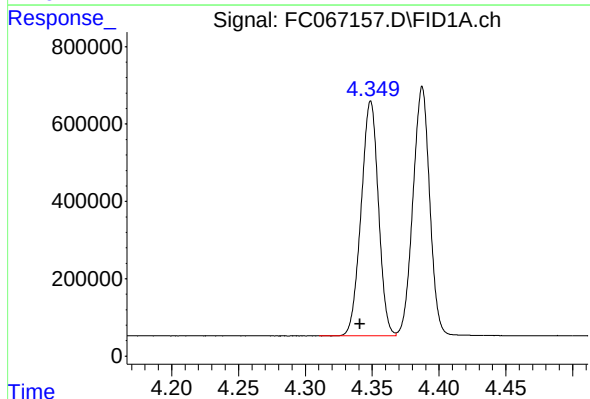
#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: 0.011 min
Response: 5005420
Conc: 37.73 ug/ml

Instrument :
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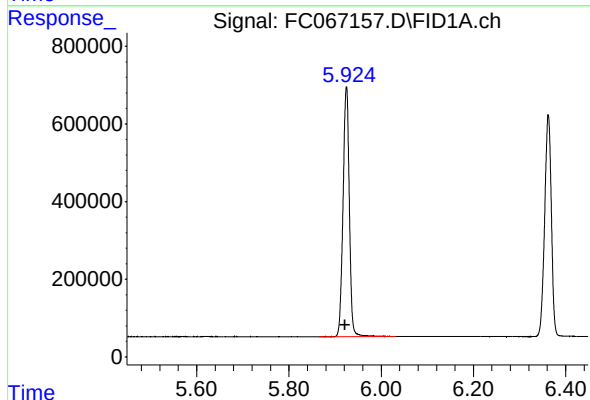
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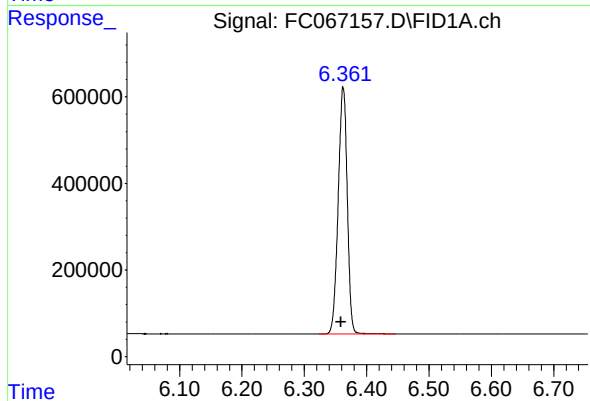
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: 0.008 min
Response: 5473368
Conc: 40.75 ug/ml



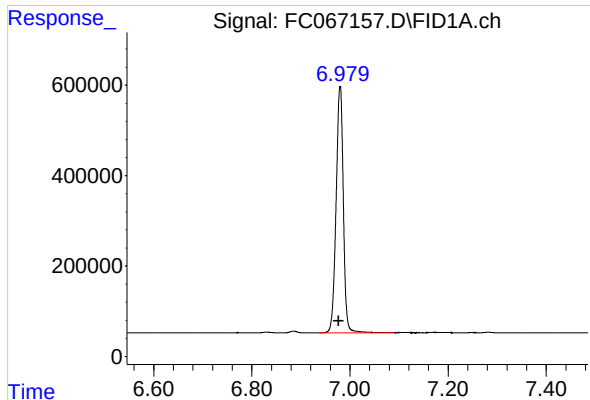
#3 A~Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: 0.003 min
Response: 6083832
Conc: 42.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.362 min
Delta R.T.: 0.004 min
Response: 5772543
Conc: 43.13 ug/ml



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

R.T.: 6.980 min
Delta R.T.: 0.003 min
Response: 5581000
Conc: 41.79 ug/ml

Instrument :

FID_C

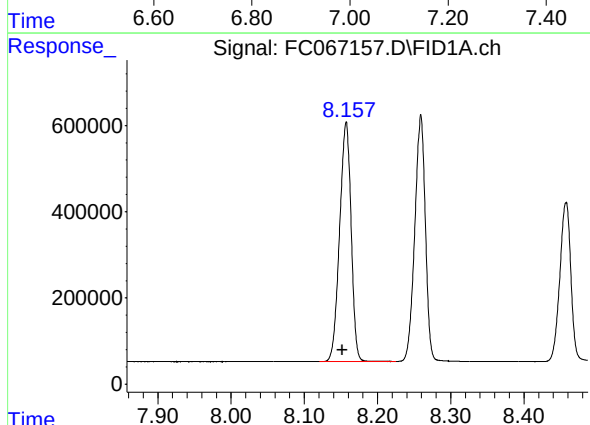
ClientSampleId :

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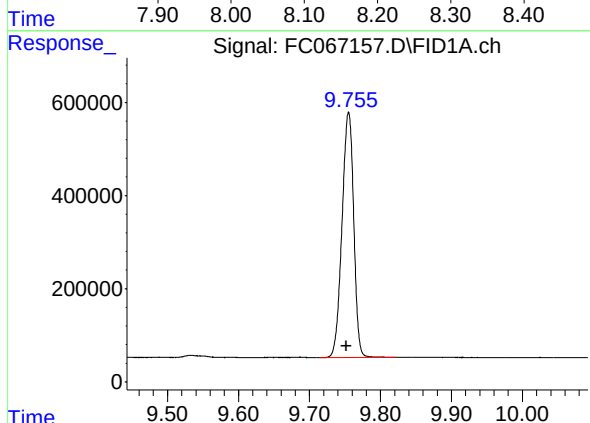
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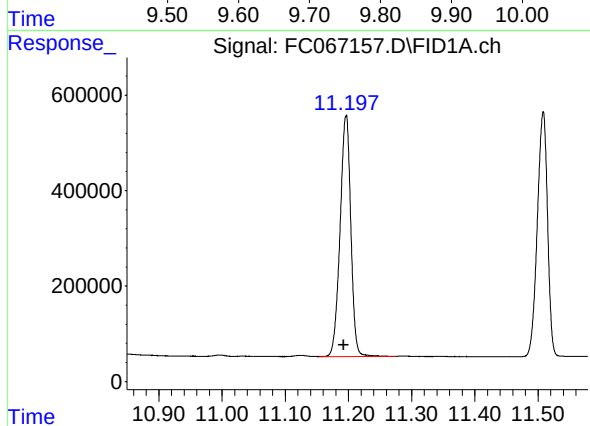
#6 n-Tetradecane (C14)

R.T.: 8.157 min
Delta R.T.: 0.005 min
Response: 6067709
Conc: 47.08 ug/ml



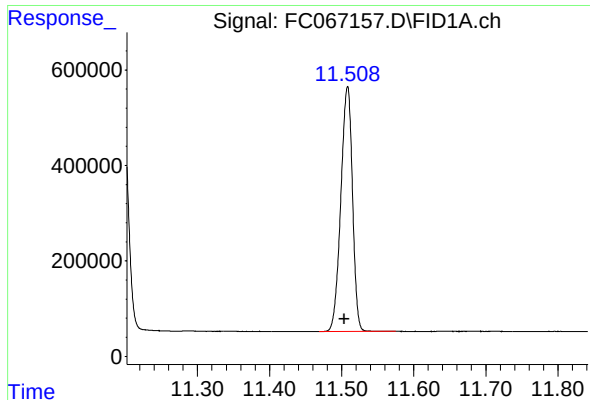
#7 n-Hexadecane (C16)

R.T.: 9.755 min
Delta R.T.: 0.003 min
Response: 6029289
Conc: 46.77 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.196 min
Delta R.T.: 0.003 min
Response: 5957866
Conc: 46.57 ug/ml



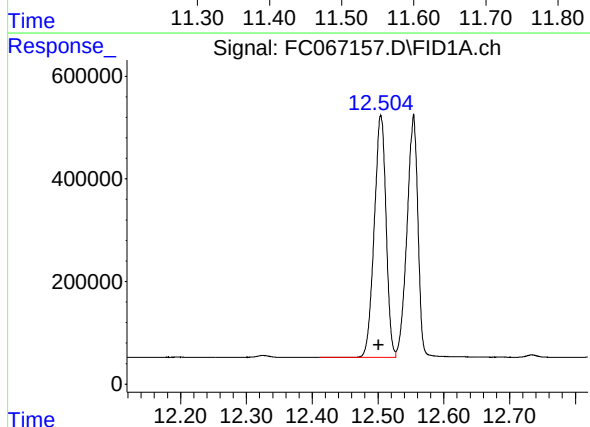
#9 ortho-Terphenyl (SURR)

R.T.: 11.508 min
Delta R.T.: 0.004 min
Response: 5766950
Conc: 41.42 ug/ml

Instrument :
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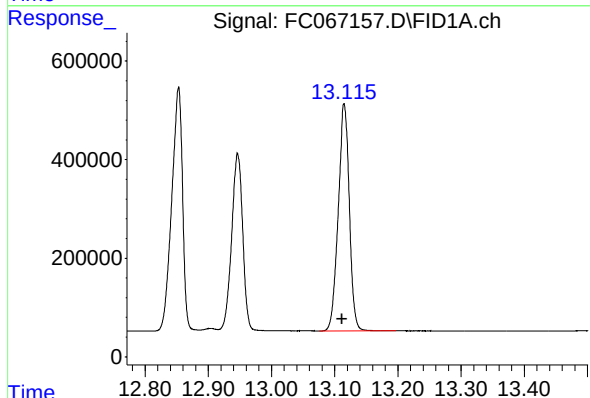
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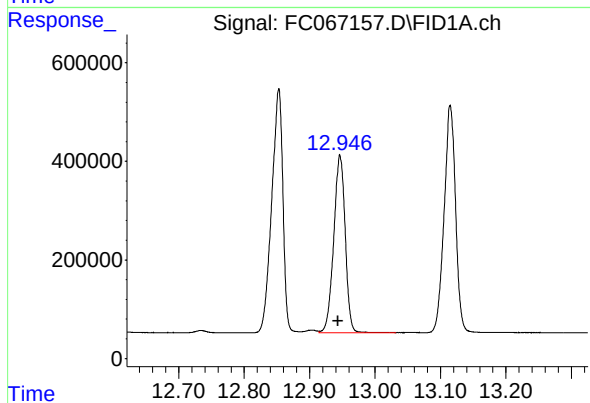
#10 n-Eicosane (C20)

R.T.: 12.504 min
Delta R.T.: 0.003 min
Response: 5886083
Conc: 49.00 ug/ml



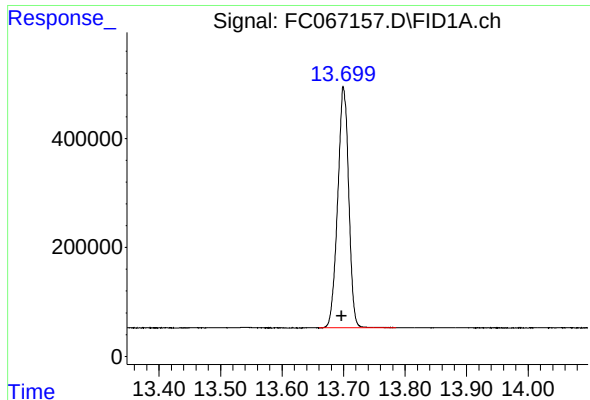
#11 n-Heneicosane (C21)

R.T.: 13.115 min
Delta R.T.: 0.004 min
Response: 5608686
Conc: 48.02 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.946 min
Delta R.T.: 0.003 min
Response: 4394680
Conc: 44.99 ug/ml



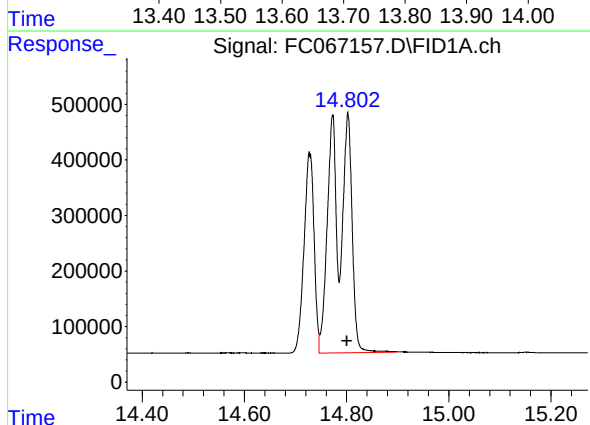
#13 n-Docosane (C22)

R.T.: 13.700 min
Delta R.T.: 0.003 min
Response: 5510797
Conc: 47.73 ug/ml

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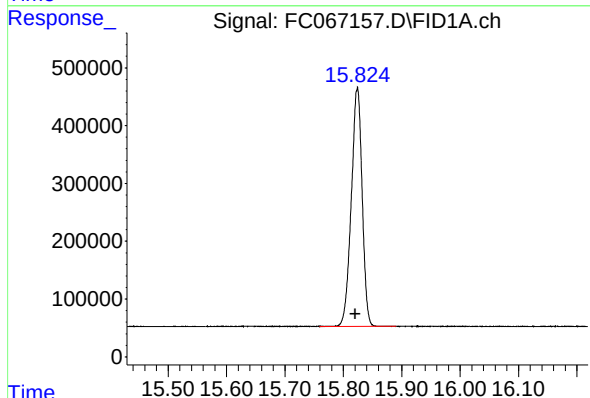
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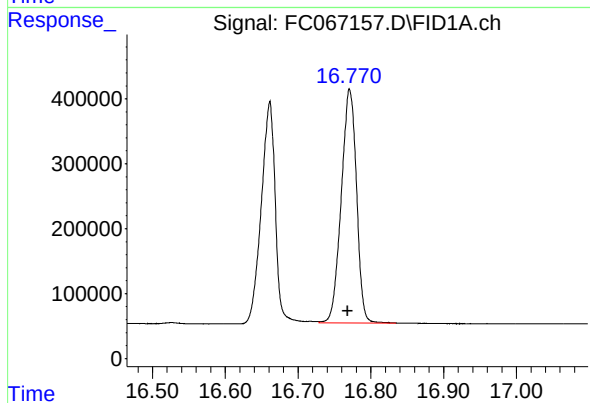
#14 n-Tetracosane (C24)

R.T.: 14.802 min
Delta R.T.: 0.001 min
Response: 10736419
Conc: 94.54 ug/ml m



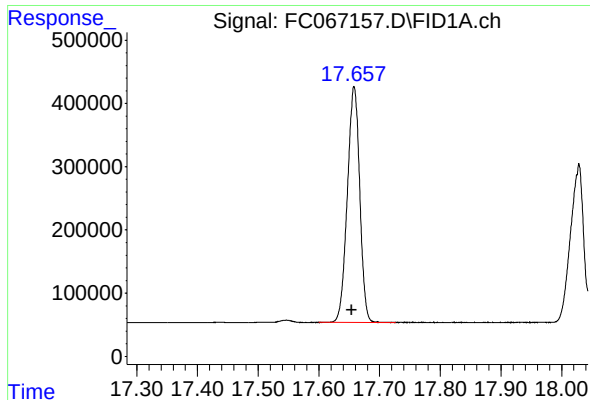
#15 n-Hexacosane (C26)

R.T.: 15.824 min
Delta R.T.: 0.004 min
Response: 5335668
Conc: 48.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.770 min
Delta R.T.: 0.002 min
Response: 5249521
Conc: 48.60 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.658 min
Delta R.T.: 0.004 min
Response: 5294754
Conc: 48.68 ug/ml

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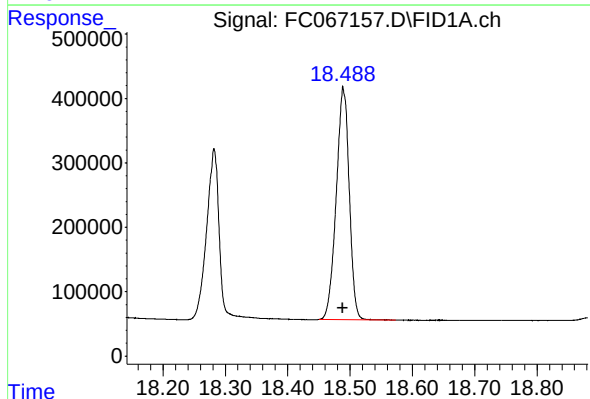
ClientSampleId :

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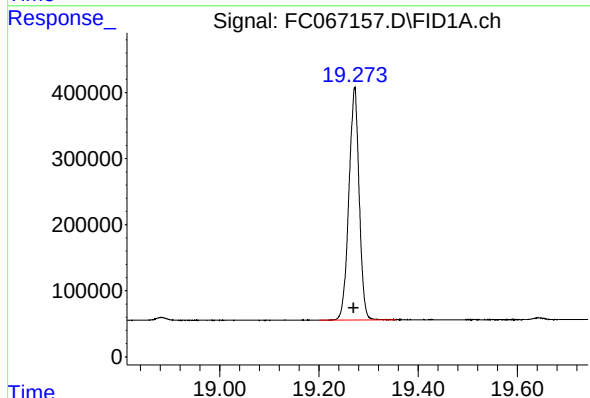
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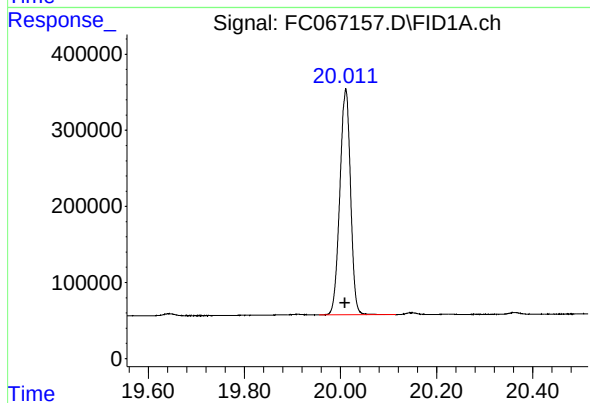
#18 n-Dotriacontane (C32)

R.T.: 18.489 min
Delta R.T.: 0.001 min
Response: 5227130
Conc: 50.11 ug/ml



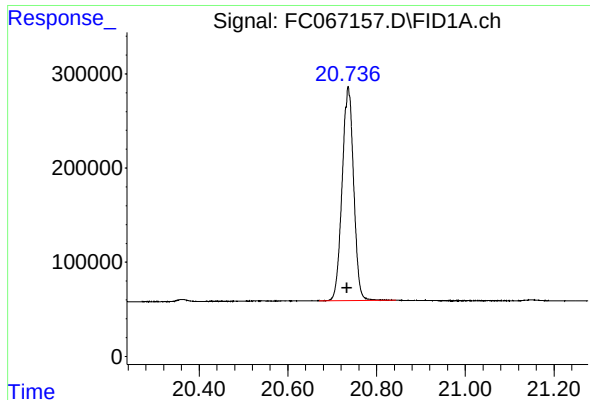
#19 n-Tetratriacontane (C34)

R.T.: 19.272 min
Delta R.T.: 0.002 min
Response: 5058718
Conc: 54.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.011 min
Delta R.T.: 0.002 min
Response: 4594887
Conc: 57.98 ug/ml



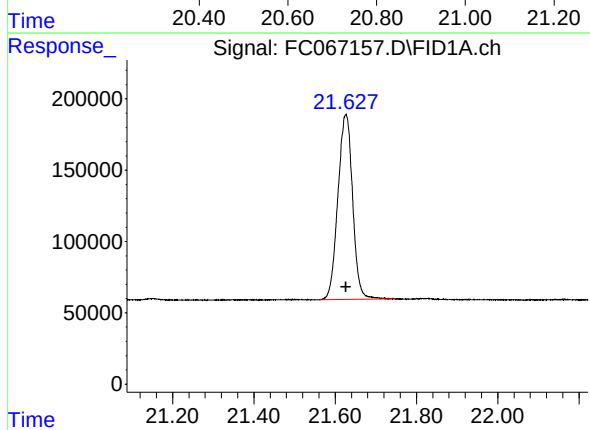
#21 n-Octatriacontane (C38)

R.T.: 20.736 min
Delta R.T.: 0.003 min
Response: 4099008
Conc: 54.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.626 min
Delta R.T.: 0.000 min
Response: 3261884
Conc: 46.69 ug/ml