

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092524AL\
 Data File : FC067259.D
 Signal(s) : FID1A.ch
 Acq On : 25 Sep 2024 14:40
 Operator : YP/AJ
 Sample : PB163663BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB163663BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/26/2024

Supervised By :Ankita Jodhani 09/26/2024

Integration File: autoint1.e

Quant Time: Sep 26 05:27:12 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	5562576	39.948 ug/ml
Spiked Amount 50.000		Recovery =	79.90%
12) S 1-chlorooctadecane (S...	12.940	4171672	42.705 ug/ml
Spiked Amount 50.000		Recovery =	85.41%
Target Compounds			
1) T n-Nonane (C9)	3.287	6128443	46.201 ug/ml
2) T n-Decane (C10)	4.348	6468078	48.159 ug/ml
3) T A~Naphthalene (C11.7)	5.921	6780971	47.711 ug/ml
4) T n-Dodecane (C12)	6.359	6384158	47.694 ug/ml
5) T A~2-methylnaphthalene...	6.976	6027747	45.139 ug/ml
6) T n-Tetradecane (C14)	8.153	6550432	50.827 ug/ml
7) T n-Hexadecane (C16)	9.751	6385975	49.532 ug/ml
8) T n-Octadecane (C18)	11.191	6270078	49.007 ug/ml
10) T n-Eicosane (C20)	12.499	6184447	51.488 ug/ml
11) T n-Heneicosane (C21)	13.110	5888570	50.419 ug/ml
13) T n-Docosane (C22)	13.695	5758736	49.877 ug/ml
14) T n-Tetracosane (C24)	14.765	11195271	98.583 ug/mlm
15) T n-Hexacosane (C26)	15.818	5642967	50.916 ug/ml
16) T n-Octacosane (C28)	16.764	5495842	50.878 ug/mlm
17) T n-Tricontane (C30)	17.652	5573217	51.237 ug/ml
18) T n-Dotriacontane (C32)	18.482	5472012	52.461 ug/mlm
19) T n-Tetratriacontane (C34)	19.266	5368991	58.195 ug/ml
20) T n-Hexatriacontane (C36)	20.003	5032239	63.500 ug/ml
21) T n-Octatriacontane (C38)	20.727	4699843	62.568 ug/ml
22) T n-Tetracontane (C40)	21.616	3776629	54.056 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB163663BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

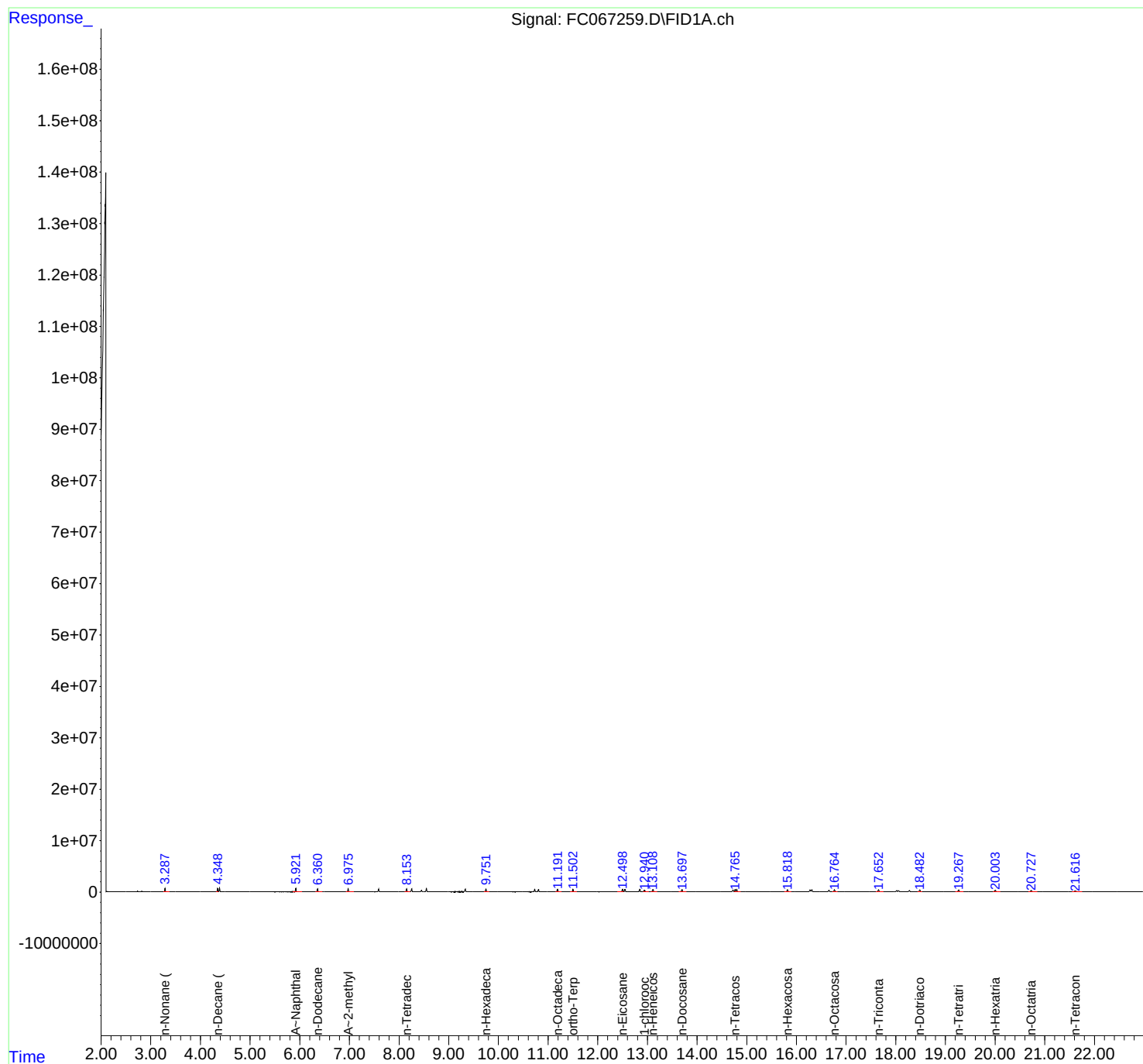
Instrument :
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PB163663BS

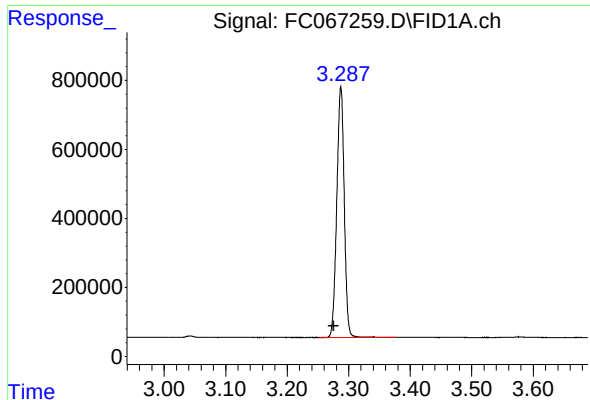
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





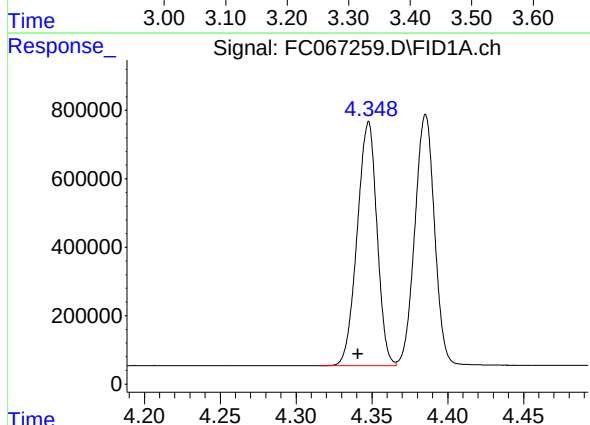
#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: 0.011 min
Response: 6128443
Conc: 46.20 ug/ml

Instrument :
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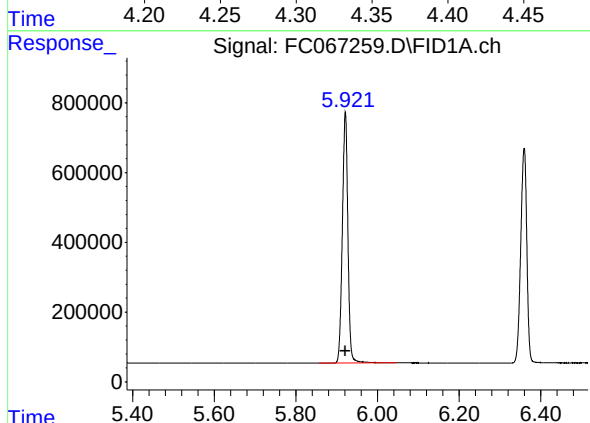
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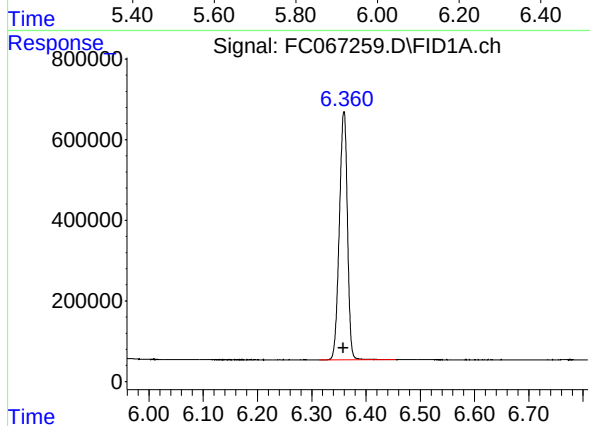
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: 0.007 min
Response: 6468078
Conc: 48.16 ug/ml



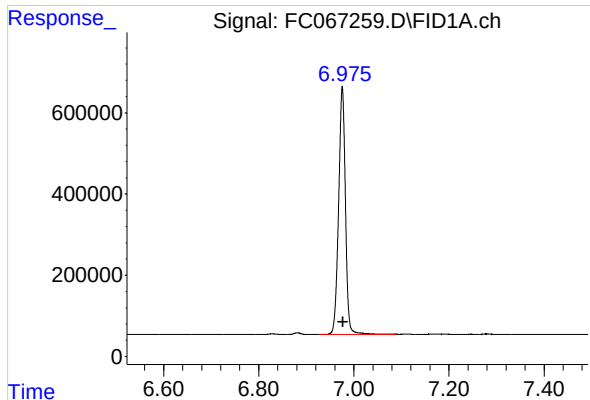
#3 A~Naphthalene (C11.7)

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 6780971
Conc: 47.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 6384158
Conc: 47.69 ug/ml



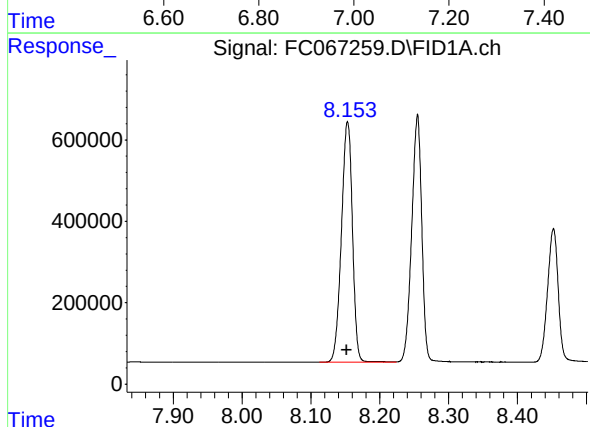
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.976 min
Delta R.T.: -0.001 min
Response: 6027747
Conc: 45.14 ug/ml

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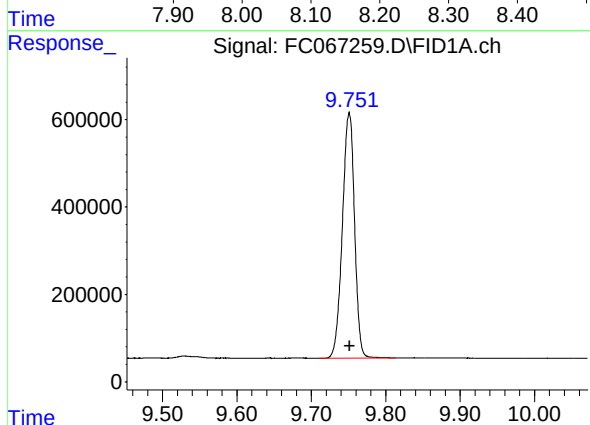
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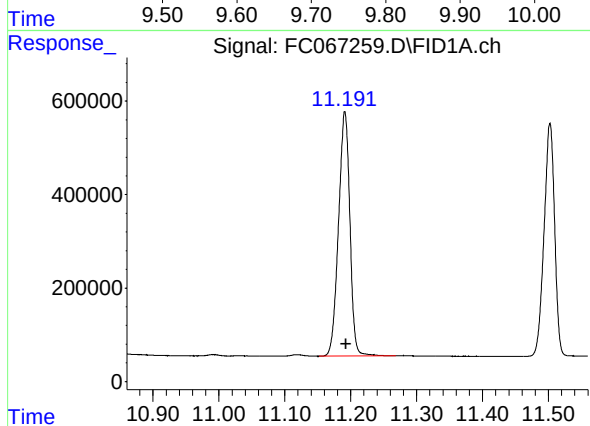
#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.001 min
Response: 6550432
Conc: 50.83 ug/ml



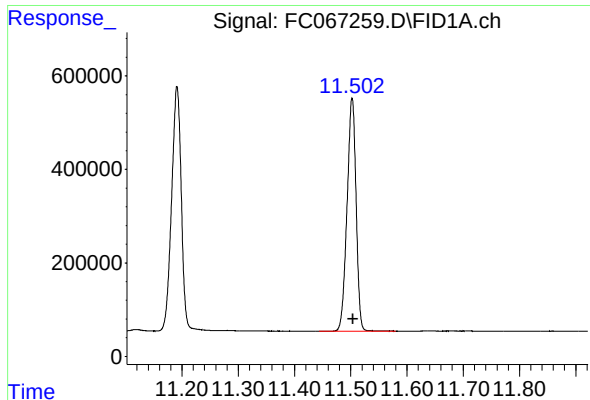
#7 n-Hexadecane (C16)

R.T.: 9.751 min
Delta R.T.: -0.001 min
Response: 6385975
Conc: 49.53 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.191 min
Delta R.T.: -0.002 min
Response: 6270078
Conc: 49.01 ug/ml



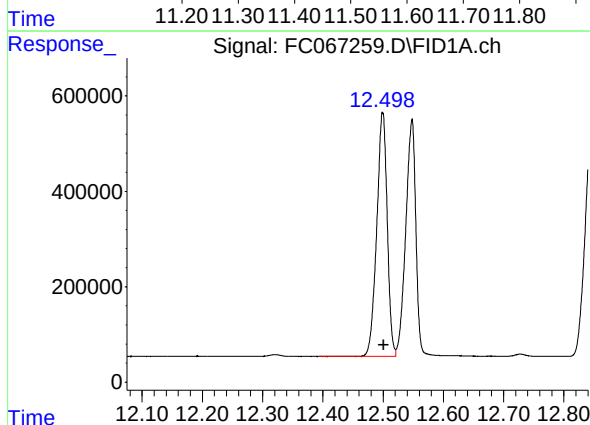
#9 ortho-Terphenyl (SURR)

R.T.: 11.502 min
Delta R.T.: -0.002 min
Response: 5562576
Conc: 39.95 ug/ml

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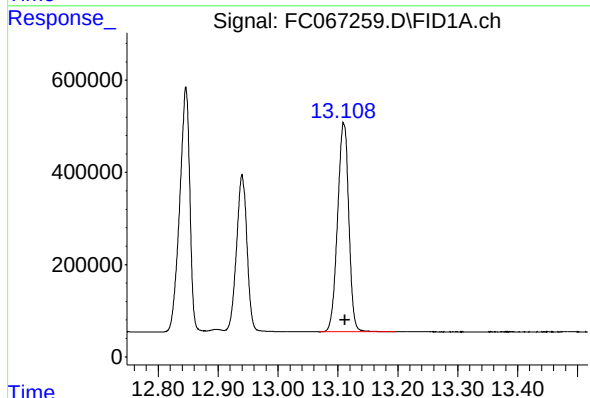
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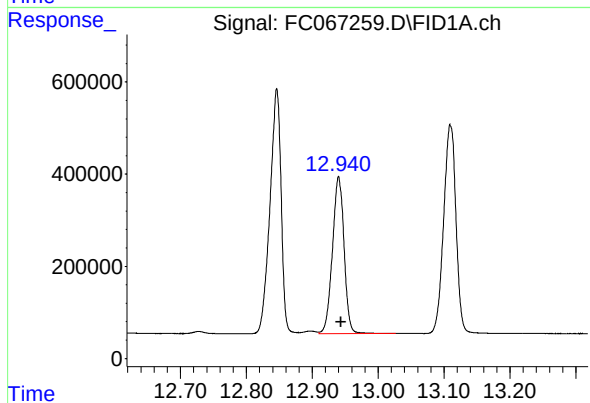
#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: -0.002 min
Response: 6184447
Conc: 51.49 ug/ml



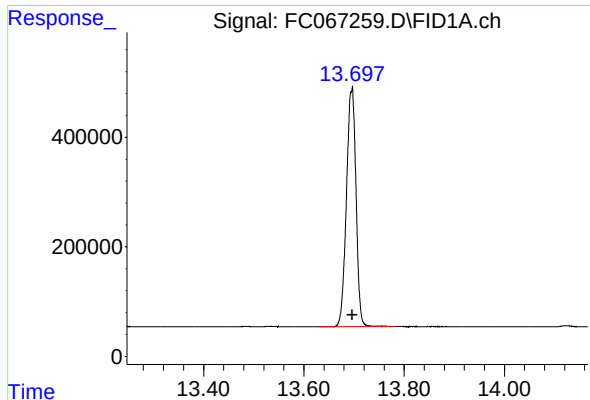
#11 n-Heneicosane (C21)

R.T.: 13.110 min
Delta R.T.: -0.002 min
Response: 5888570
Conc: 50.42 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.940 min
Delta R.T.: -0.003 min
Response: 4171672
Conc: 42.70 ug/ml



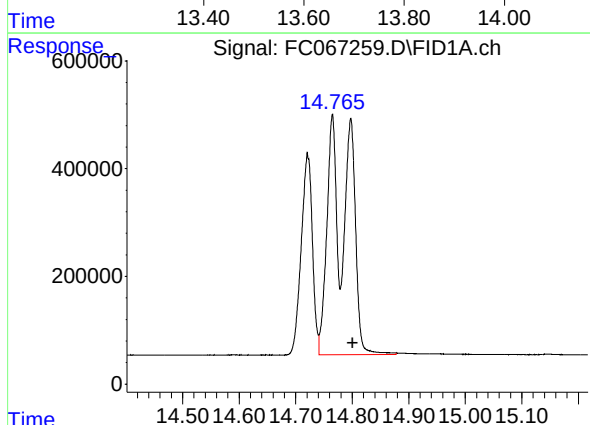
#13 n-Docosane (C22)

R.T.: 13.695 min
Delta R.T.: -0.002 min
Response: 5758736
Conc: 49.88 ug/ml

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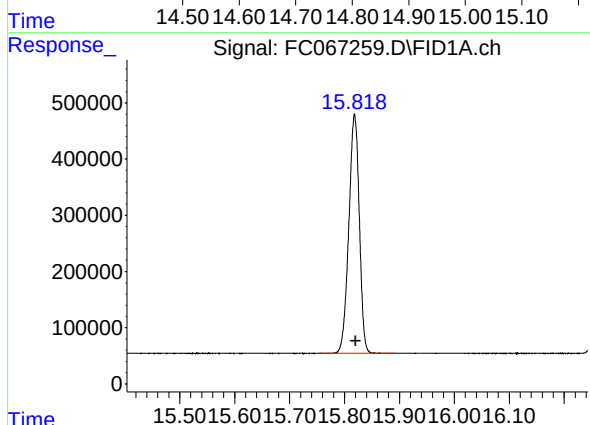
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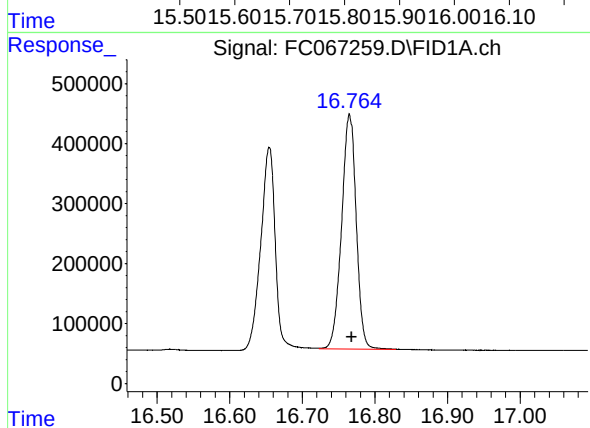
#14 n-Tetracosane (C24)

R.T.: 14.765 min
Delta R.T.: -0.036 min
Response: 11195271
Conc: 98.58 ug/ml m



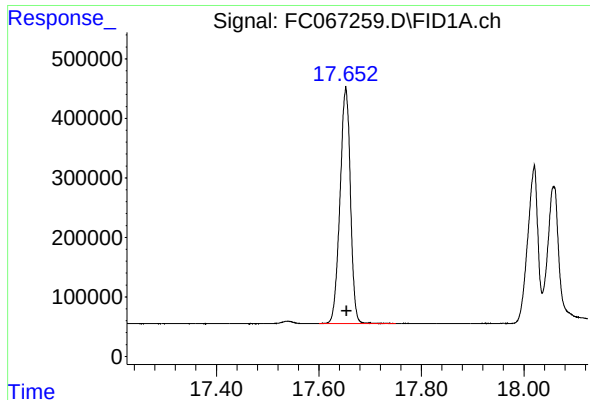
#15 n-Hexacosane (C26)

R.T.: 15.818 min
Delta R.T.: -0.002 min
Response: 5642967
Conc: 50.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.764 min
Delta R.T.: -0.004 min
Response: 5495842
Conc: 50.88 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.652 min
Delta R.T.: -0.002 min
Response: 5573217
Conc: 51.24 ug/ml

Instrument :

FID_C

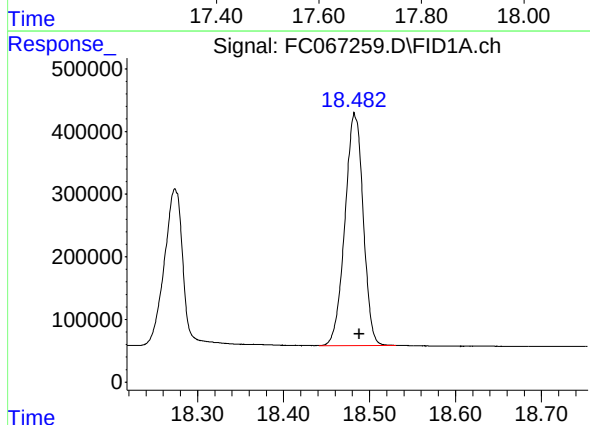
ClientSampleId :

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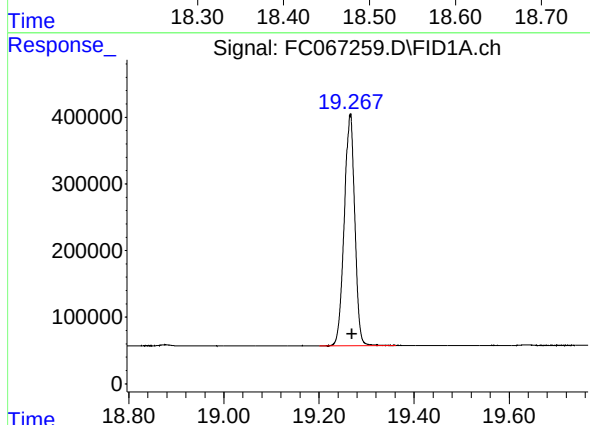
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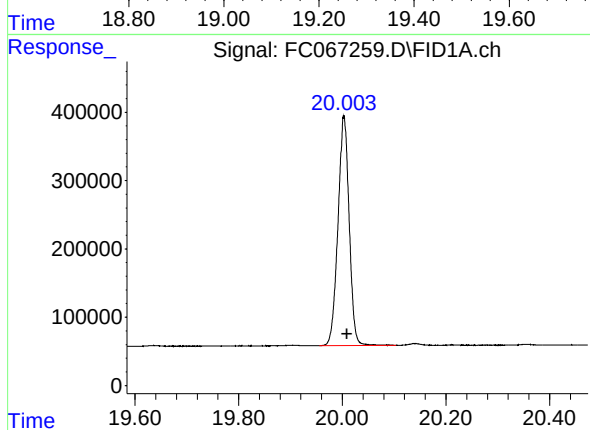
#18 n-Dotriacontane (C32)

R.T.: 18.482 min
Delta R.T.: -0.006 min
Response: 5472012
Conc: 52.46 ug/ml



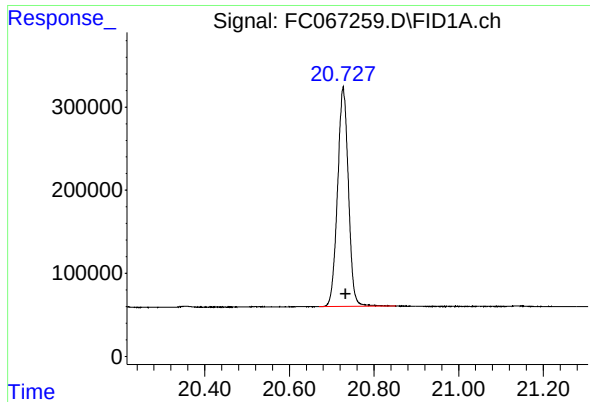
#19 n-Tetratriacontane (C34)

R.T.: 19.266 min
Delta R.T.: -0.004 min
Response: 5368991
Conc: 58.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.003 min
Delta R.T.: -0.006 min
Response: 5032239
Conc: 63.50 ug/ml



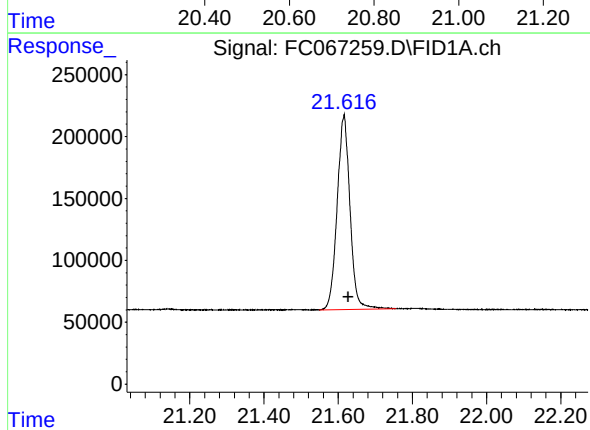
#21 n-Octatriacontane (C38)

R.T.: 20.727 min
Delta R.T.: -0.006 min
Response: 4699843
Conc: 62.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.616 min
Delta R.T.: -0.011 min
Response: 3776629
Conc: 54.06 ug/ml m