

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F103124AL\
 Data File : FC067598.D
 Signal(s) : FID1A.ch
 Acq On : 31 Oct 2024 15:47
 Operator : YP/AJ
 Sample : P4616-05MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

BP-F9-MOVEDMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/01/2024

Supervised By :Ankita Jodhani 11/04/2024

Integration File: autoint1.e

Quant Time: Nov 01 01:51:23 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M

Quant Title : GC Extractables

QLast Update : Wed Oct 23 18:12:58 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)	11.495	4694223	31.992 ug/ml
Spiked Amount 50.000		Recovery =	63.98%
12) S 1-chlorooctadecane (S...	12.932	3679081	34.069 ug/ml
Spiked Amount 50.000		Recovery =	68.14%
Target Compounds			
1) T n-Nonane (C9)	3.278	4393990	32.616 ug/ml
2) T n-Decane (C10)	4.341	4994016	36.654 ug/ml
3) T A~Naphthalene (C11.7)	5.916	5643820	38.085 ug/ml
4) T n-Dodecane (C12)	6.354	5407708	39.926 ug/ml
5) T A~2-methylnaphthalene...	6.971	5385272	38.134 ug/ml
6) T n-Tetradecane (C14)	8.149	5708297	43.488 ug/ml
7) T n-Hexadecane (C16)	9.745	5973820	45.221 ug/ml
8) T n-Octadecane (C18)	11.185	6090033	46.097 ug/ml
10) T n-Eicosane (C20)	12.492	6161946	48.836 ug/ml
11) T n-Heneicosane (C21)	13.102	5914653	47.925 ug/ml
13) T n-Docosane (C22)	13.687	5856081	47.825 ug/ml
14) T n-Tetracosane (C24)	14.758	11669345	96.274 ug/mlm
15) T n-Hexacosane (C26)	15.809	5666333	47.594 ug/ml
16) T n-Octacosane (C28)	16.756	5650769	48.032 ug/ml
17) T n-Tricontane (C30)	17.643	5662394	46.846 ug/ml
18) T n-Dotriacontane (C32)	18.472	5576112	47.127 ug/ml
19) T n-Tetratriacontane (C34)	19.255	5574042	53.224 ug/ml
20) T n-Hexatriacontane (C36)	19.994	5420559	59.549 ug/ml
21) T n-Octatriacontane (C38)	20.716	5434224	62.749 ug/ml
22) T n-Tetracontane (C40)	21.600	5437790	63.966 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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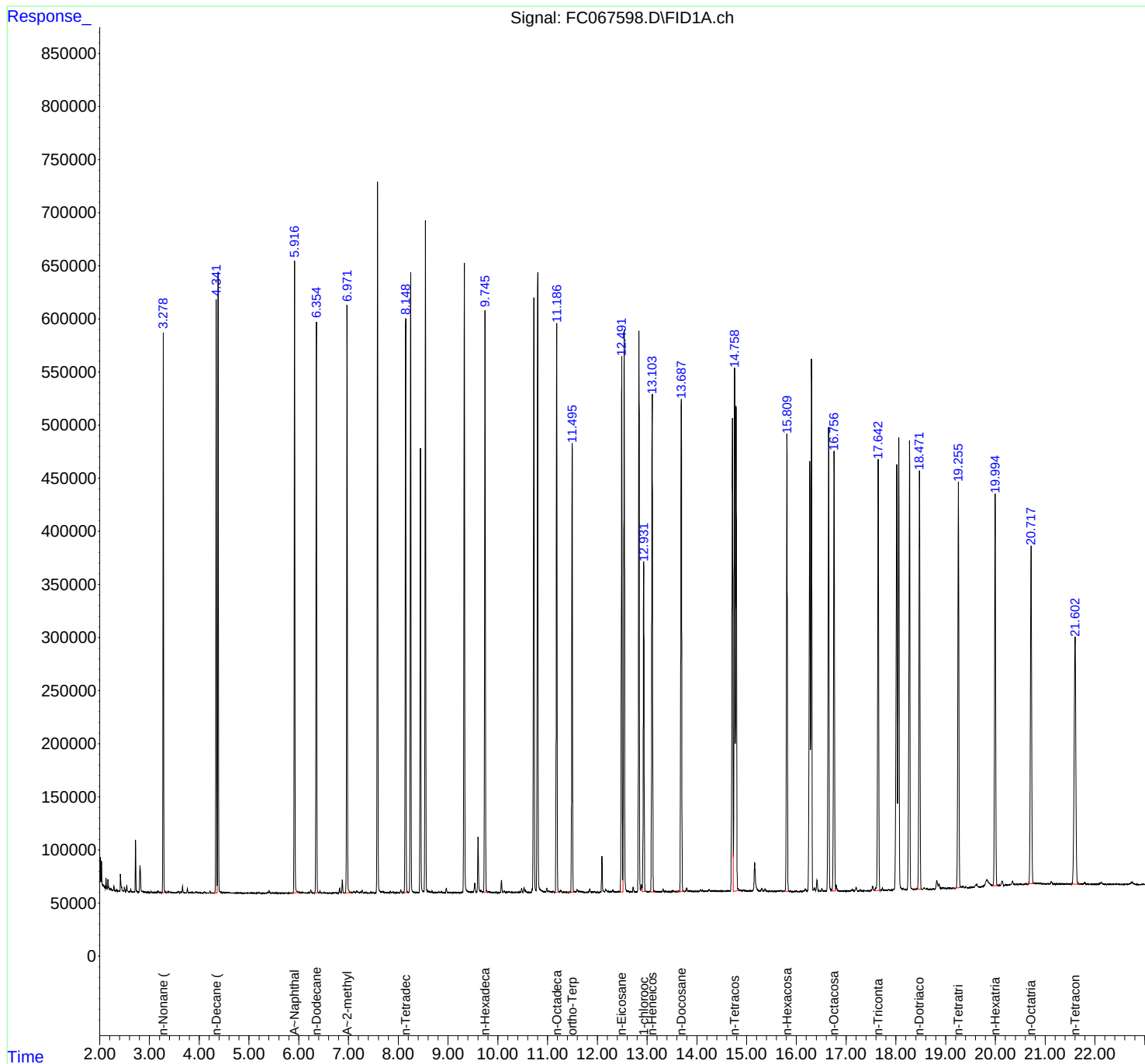
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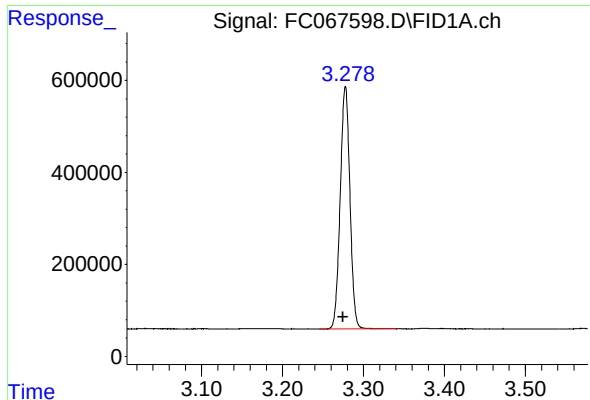
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.278 min
Delta R.T.: 0.003 min
Response: 4393990
Conc: 32.62 ug/ml

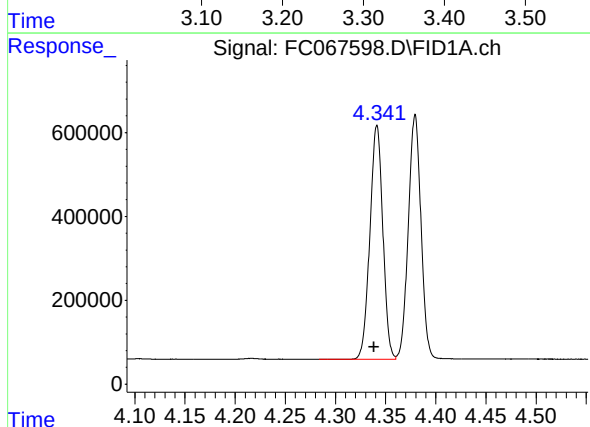
Instrument :

FID_C

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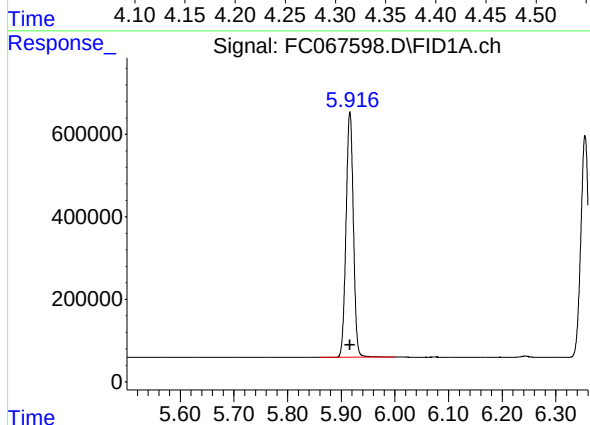
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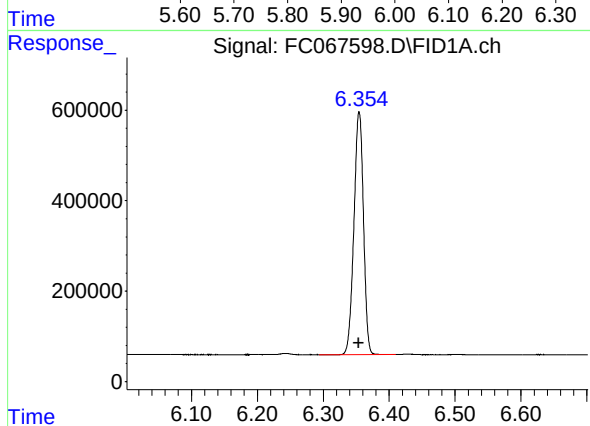
#2 n-Decane (C10)

R.T.: 4.341 min
Delta R.T.: 0.003 min
Response: 4994016
Conc: 36.65 ug/ml



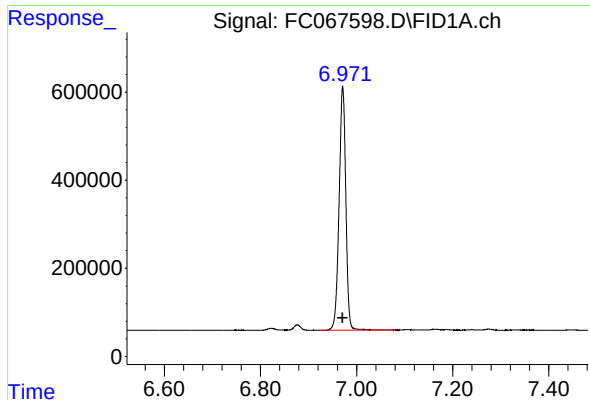
#3 A~Naphthalene (C11.7)

R.T.: 5.916 min
Delta R.T.: 0.000 min
Response: 5643820
Conc: 38.09 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 5407708
Conc: 39.93 ug/ml



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

R.T.: 6.971 min
Delta R.T.: 0.000 min
Response: 5385272
Conc: 38.13 ug/ml

Instrument :

FID_C

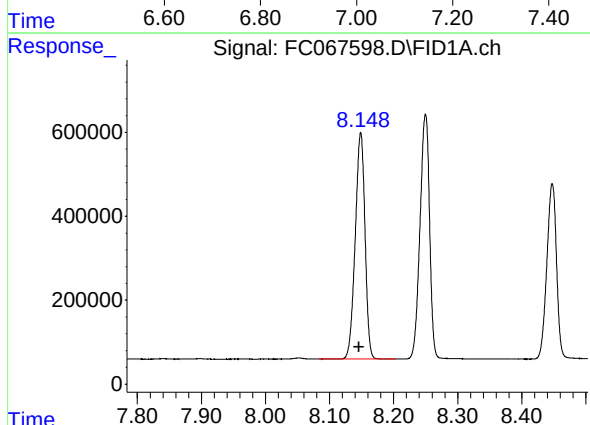
ClientSampleId :

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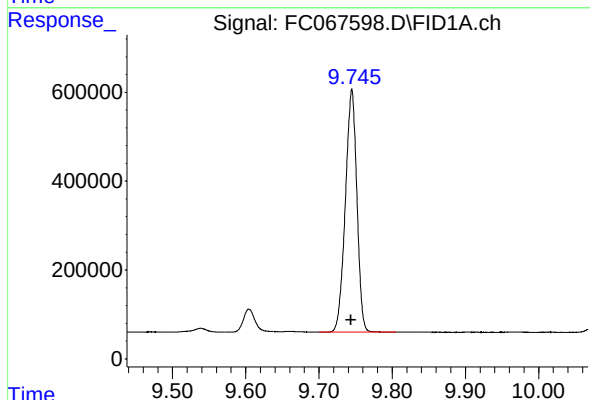
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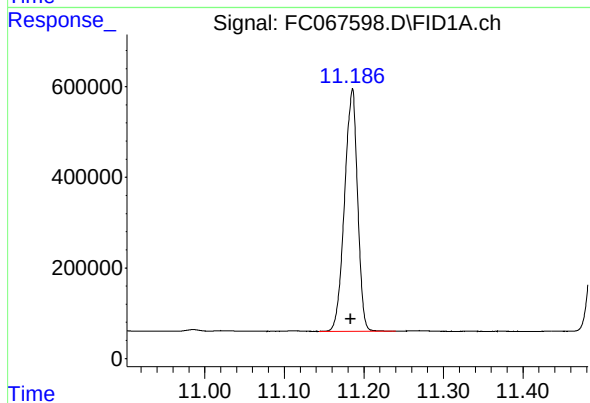
#6 n-Tetradecane (C14)

R.T.: 8.149 min
Delta R.T.: 0.002 min
Response: 5708297
Conc: 43.49 ug/ml



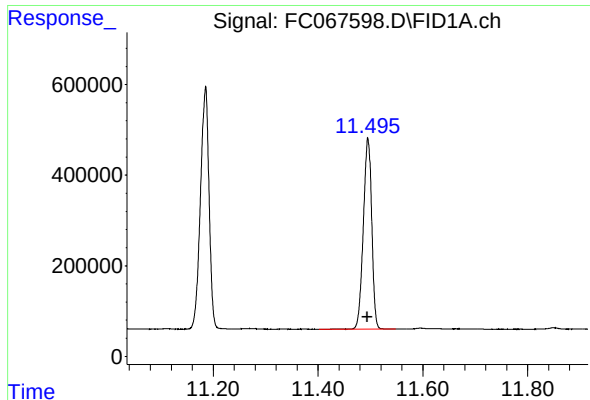
#7 n-Hexadecane (C16)

R.T.: 9.745 min
Delta R.T.: 0.001 min
Response: 5973820
Conc: 45.22 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.185 min
Delta R.T.: 0.001 min
Response: 6090033
Conc: 46.10 ug/ml



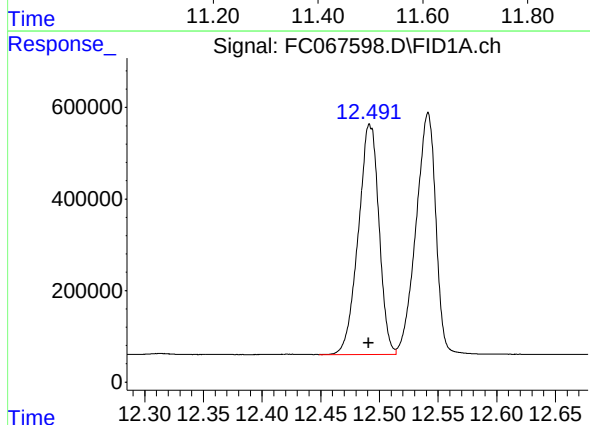
#9 ortho-Terphenyl (SURR)

R.T.: 11.495 min
Delta R.T.: 0.001 min
Response: 4694223
Conc: 31.99 ug/ml

Instrument :
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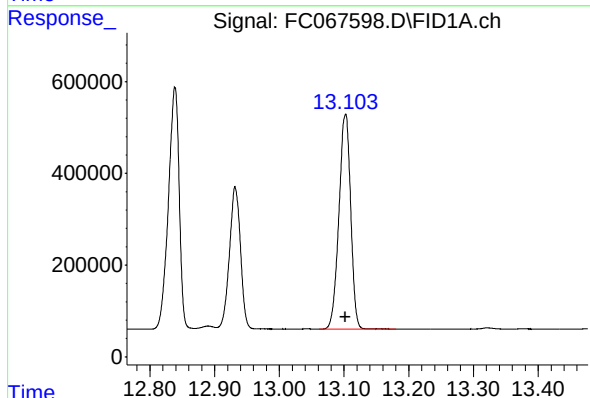
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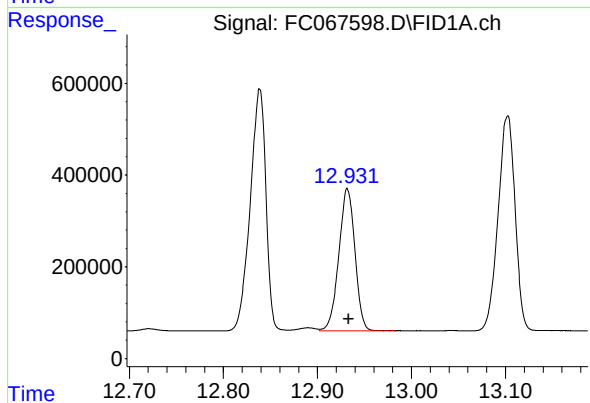
#10 n-Eicosane (C20)

R.T.: 12.492 min
Delta R.T.: 0.001 min
Response: 6161946
Conc: 48.84 ug/ml



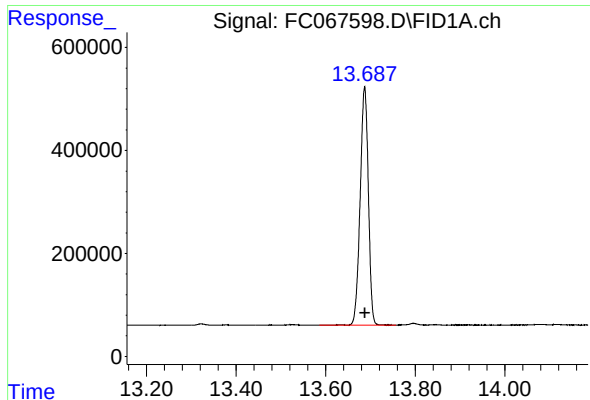
#11 n-Heneicosane (C21)

R.T.: 13.102 min
Delta R.T.: 0.000 min
Response: 5914653
Conc: 47.93 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.932 min
Delta R.T.: -0.001 min
Response: 3679081
Conc: 34.07 ug/ml



#13 n-Docosane (C22)

R.T.: 13.687 min
Delta R.T.: 0.000 min
Response: 5856081
Conc: 47.82 ug/ml

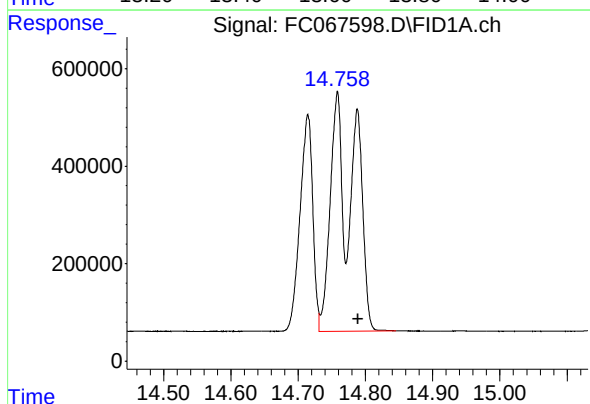
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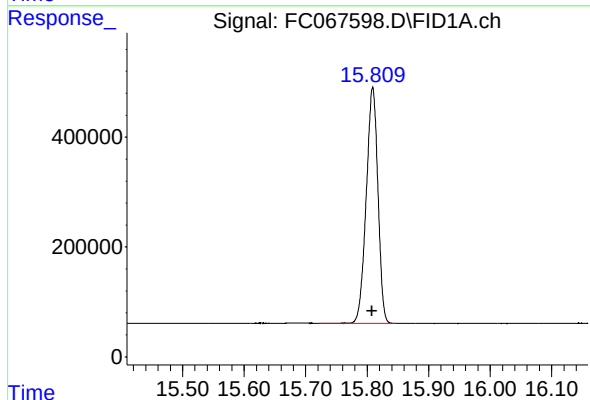
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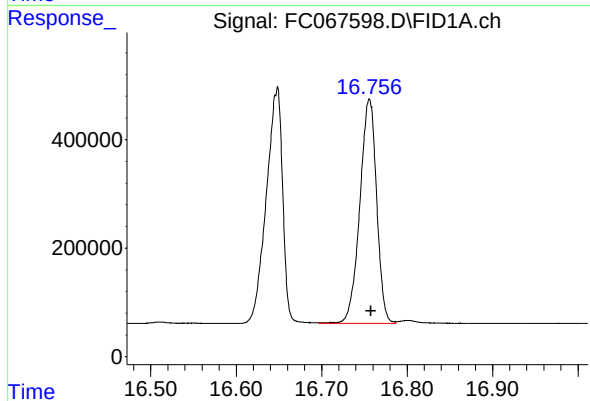
#14 n-Tetracosane (C24)

R.T.: 14.758 min
Delta R.T.: -0.031 min
Response: 11669345
Conc: 96.27 ug/ml m



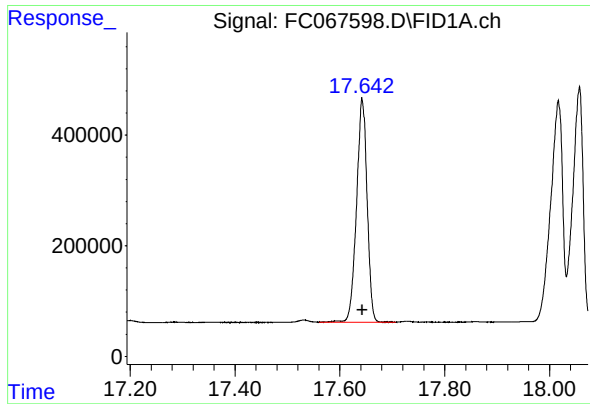
#15 n-Hexacosane (C26)

R.T.: 15.809 min
Delta R.T.: 0.001 min
Response: 5666333
Conc: 47.59 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.756 min
Delta R.T.: -0.002 min
Response: 5650769
Conc: 48.03 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.643 min
Delta R.T.: 0.000 min
Response: 5662394
Conc: 46.85 ug/ml

Instrument :

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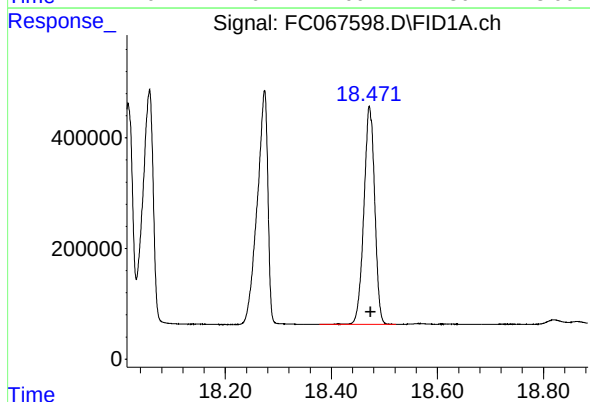
ClientSampleId :

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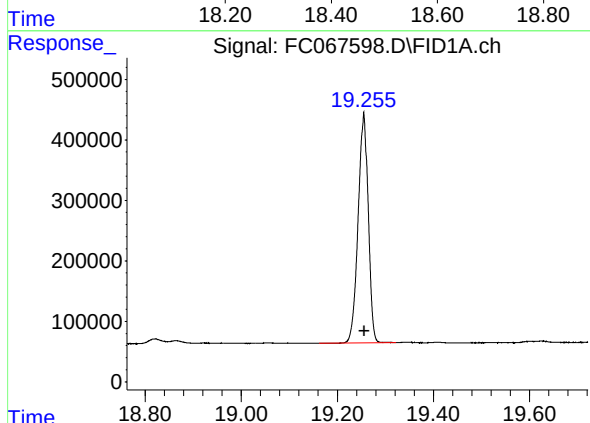
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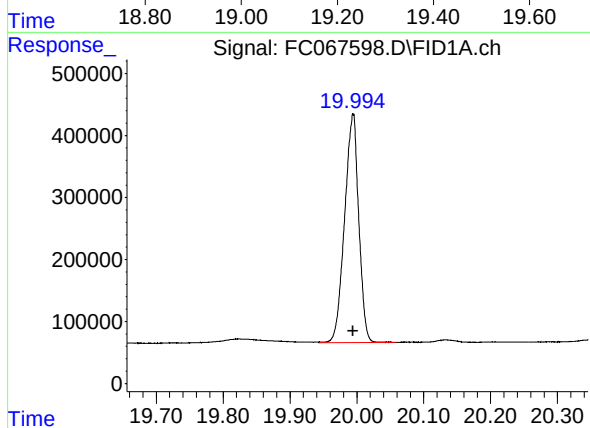
#18 n-Dotriacontane (C32)

R.T.: 18.472 min
Delta R.T.: -0.002 min
Response: 5576112
Conc: 47.13 ug/ml



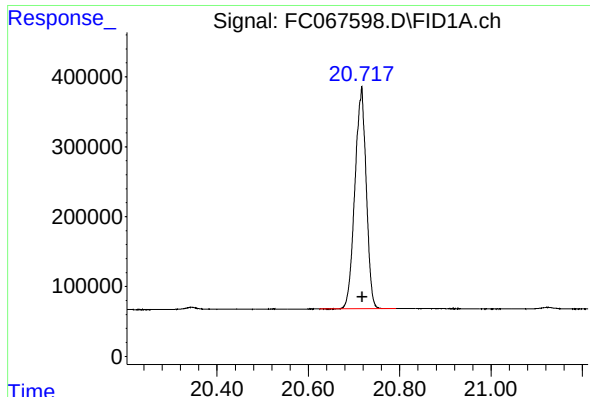
#19 n-Tetratriacontane (C34)

R.T.: 19.255 min
Delta R.T.: -0.001 min
Response: 5574042
Conc: 53.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.994 min
Delta R.T.: 0.000 min
Response: 5420559
Conc: 59.55 ug/ml



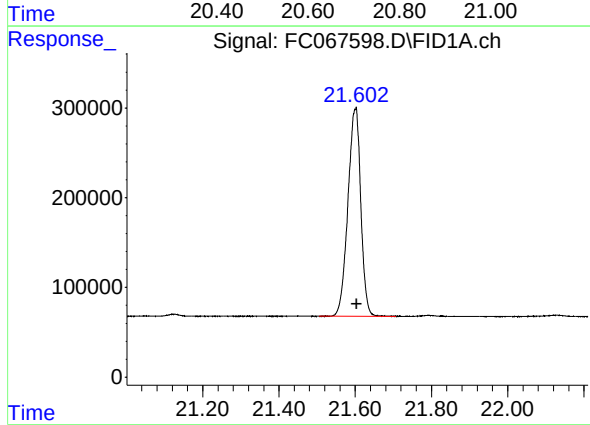
#21 n-Octatriacontane (C38)

R.T.: 20.716 min
Delta R.T.: -0.002 min
Response: 5434224
Conc: 62.75 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.600 min
Delta R.T.: -0.003 min
Response: 5437790
Conc: 63.97 ug/ml