

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F111524AL\
 Data File : FC067792.D
 Signal(s) : FID1A.ch
 Acq On : 16 Nov 2024 02:18
 Operator : YP/AJ
 Sample : P4849-01MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 RR-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/16/2024
 Supervised By :Ankita Jodhani 11/18/2024

Integration File: autoint1.e
 Quant Time: Nov 16 08:29:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:13:15 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)	11.492	5432548	28.021 ug/ml
Spiked Amount 50.000		Recovery =	56.04%
12) S 1-chlorooctadecane (S...	12.929	4053342	27.923 ug/ml
Spiked Amount 50.000		Recovery =	55.85%
Target Compounds			
1) T n-Nonane (C9)	3.276	5854641	35.893 ug/ml
2) T n-Decane (C10)	4.339	6683983	40.306 ug/ml
3) T A~Naphthalene (C11.7)	5.913	7908880	43.181 ug/ml
4) T n-Dodecane (C12)	6.351	7355069	43.669 ug/ml
5) T A~2-methylnaphthalene...	6.968	7641838	43.088 ug/ml
6) T n-Tetradecane (C14)	8.145	7964788	47.559 ug/ml
7) T n-Hexadecane (C16)	9.742	8655121	49.944 ug/ml
8) T n-Octadecane (C18)	11.182	8793589	49.981 ug/ml
10) T n-Eicosane (C20)	12.491	8789712	52.200 ug/ml
11) T n-Heneicosane (C21)	13.101	8389891	50.990 ug/ml
13) T n-Docosane (C22)	13.687	8251955	50.671 ug/ml
14) T n-Tetracosane (C24)	14.787	7247193	45.187 ug/ml
15) T n-Hexacosane (C26)	15.809	7542717	48.706 ug/ml
16) T n-Octacosane (C28)	16.755	7535917	49.899 ug/ml
17) T n-Tricontane (C30)	17.643	7267739	47.468 ug/ml
18) T n-Dotriacontane (C32)	18.472	7029467	47.596 ug/ml
19) T n-Tetratriacontane (C34)	19.254	6985668	55.385 ug/ml
20) T n-Hexatriacontane (C36)	19.993	6923187	66.195 ug/ml
21) T n-Octatriacontane (C38)	20.717	6740572	69.004 ug/mlm
22) T n-Tetracontane (C40)	21.603	6929916	71.100 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 30 Sample Multiplier: 1

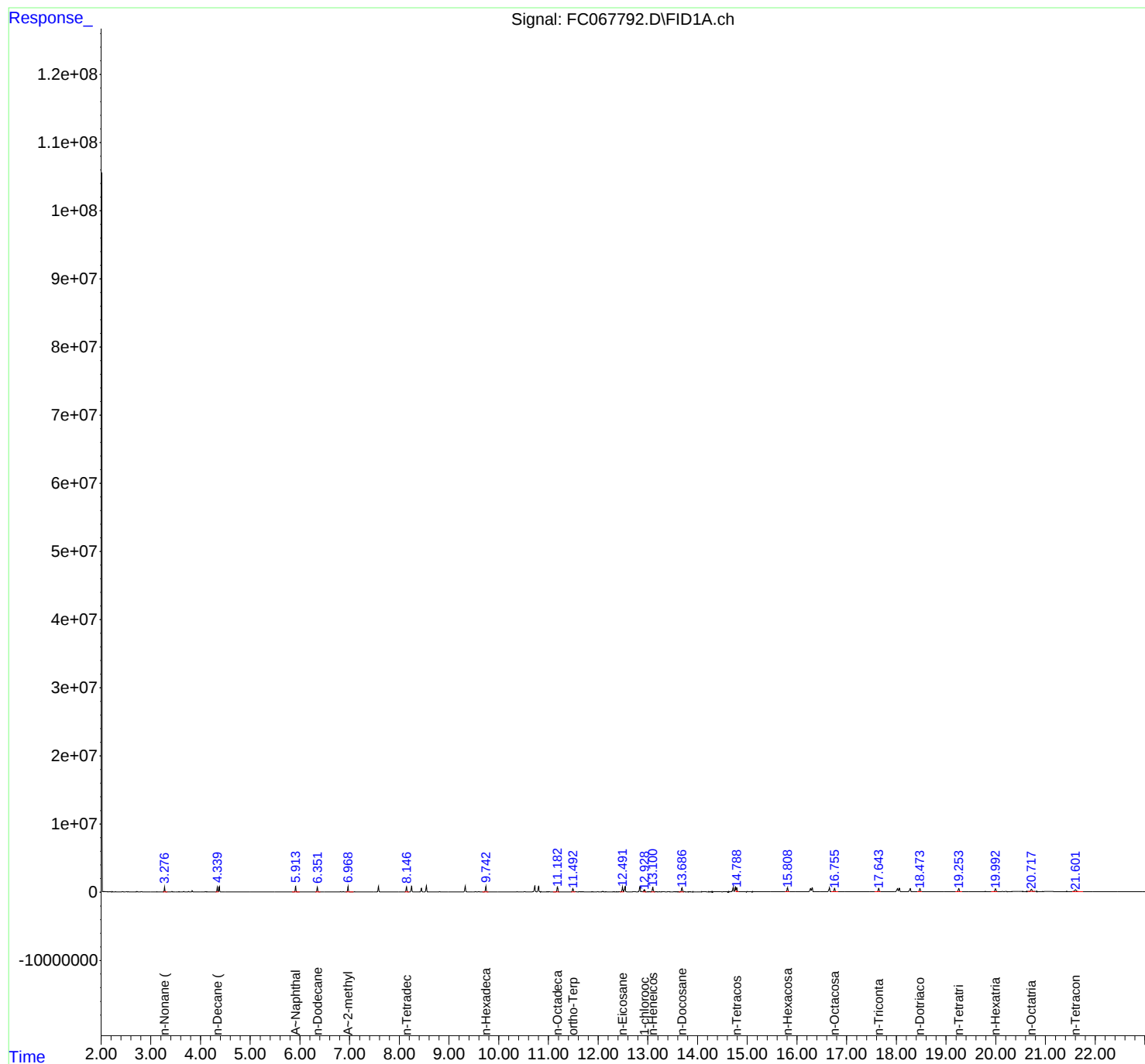
Instrument :
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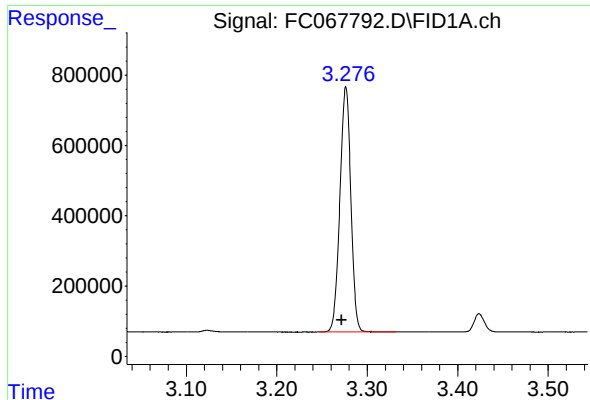
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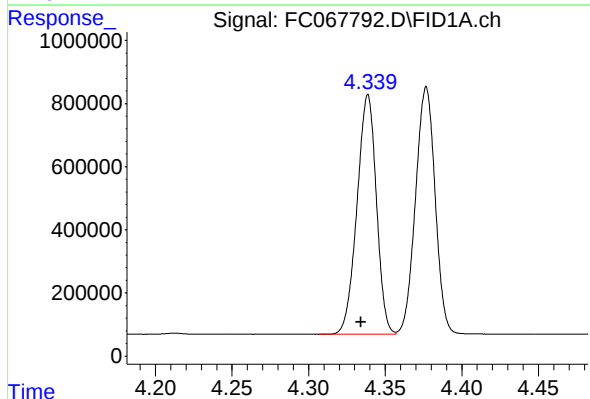
#1 n-Nonane (C9)

R.T.: 3.276 min
Delta R.T.: 0.004 min
Response: 5854641
Conc: 35.89 ug/ml

Instrument :
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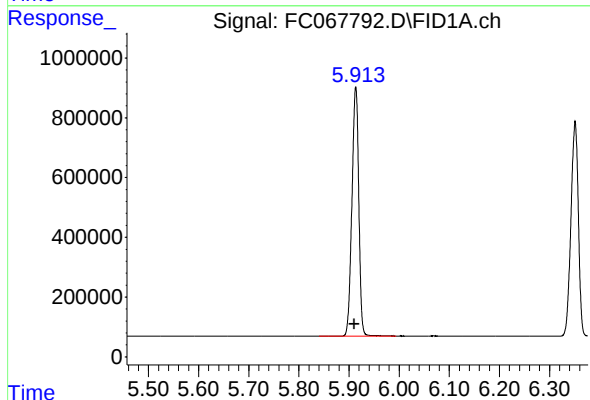
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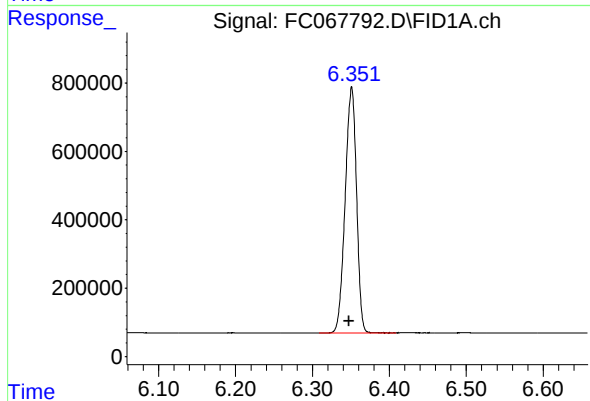
#2 n-Decane (C10)

R.T.: 4.339 min
Delta R.T.: 0.004 min
Response: 6683983
Conc: 40.31 ug/ml



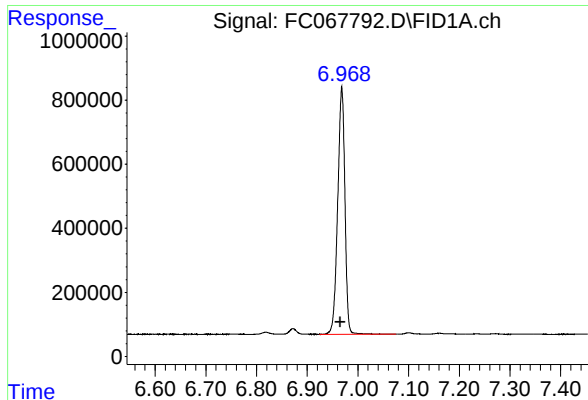
#3 A~Naphthalene (C11.7)

R.T.: 5.913 min
Delta R.T.: 0.003 min
Response: 7908880
Conc: 43.18 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.351 min
Delta R.T.: 0.003 min
Response: 7355069
Conc: 43.67 ug/ml



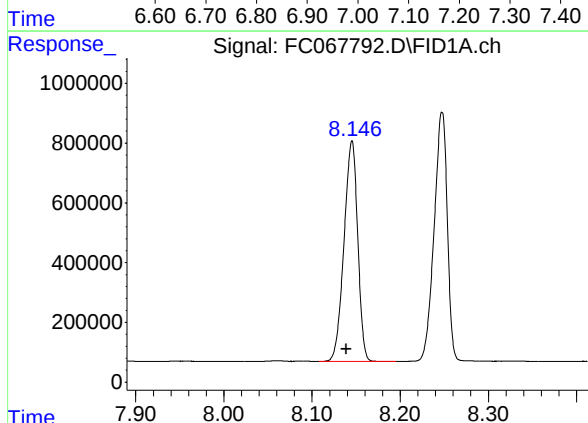
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.968 min
Delta R.T.: 0.003 min
Response: 7641838
Conc: 43.09 ug/ml

Instrument :
FID_C
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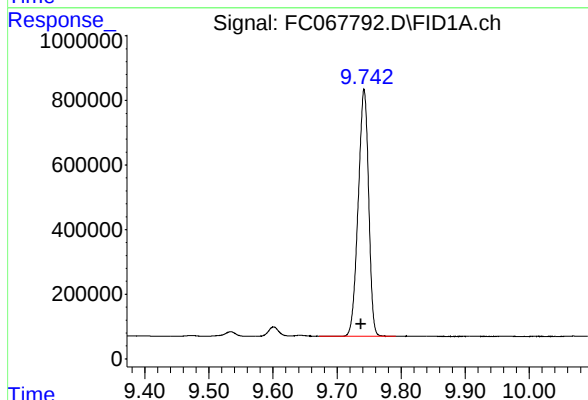
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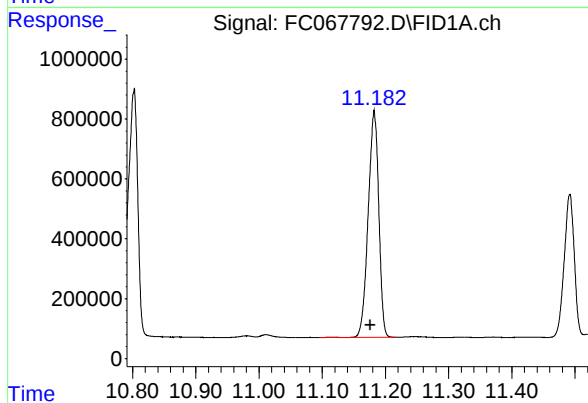
#6 n-Tetradecane (C14)

R.T.: 8.145 min
Delta R.T.: 0.006 min
Response: 7964788
Conc: 47.56 ug/ml



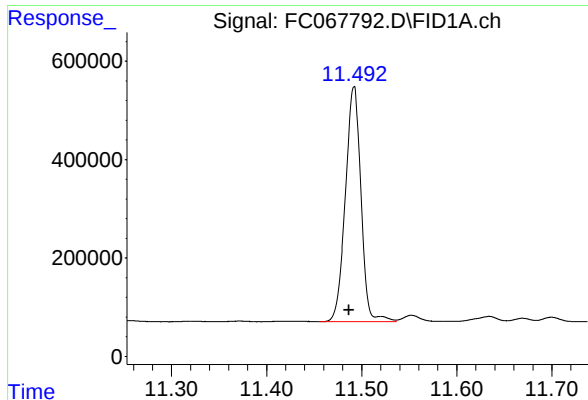
#7 n-Hexadecane (C16)

R.T.: 9.742 min
Delta R.T.: 0.005 min
Response: 8655121
Conc: 49.94 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.182 min
Delta R.T.: 0.006 min
Response: 8793589
Conc: 49.98 ug/ml



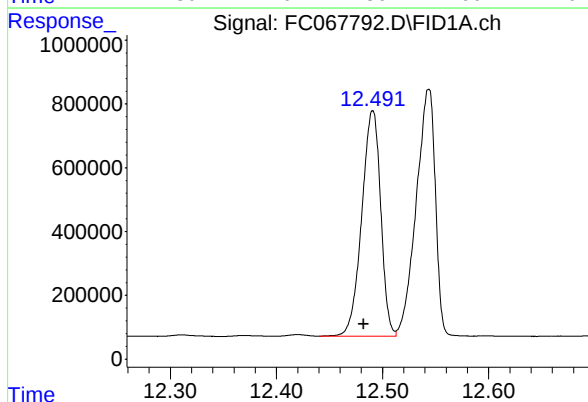
#9 ortho-Terphenyl (SURR)

R.T.: 11.492 min
Delta R.T.: 0.005 min
Response: 5432548
Conc: 28.02 ug/ml

Instrument :
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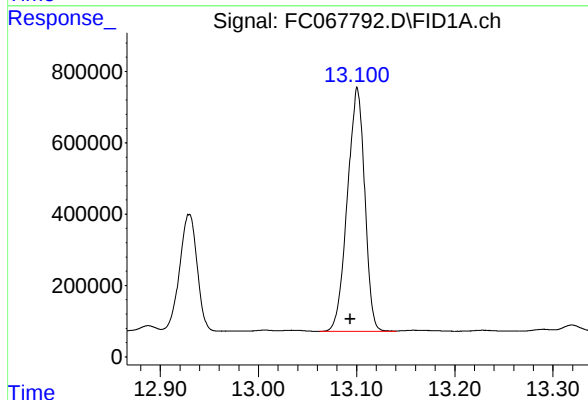
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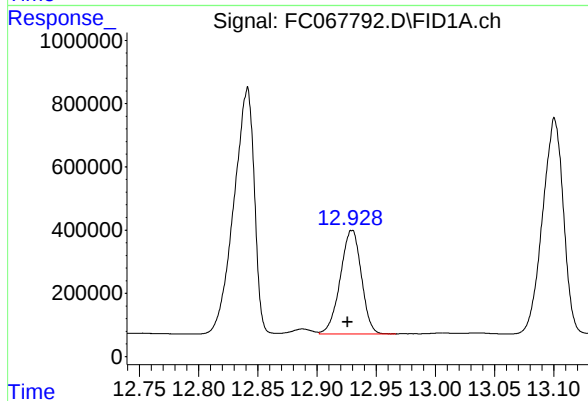
#10 n-Eicosane (C20)

R.T.: 12.491 min
Delta R.T.: 0.008 min
Response: 8789712
Conc: 52.20 ug/ml



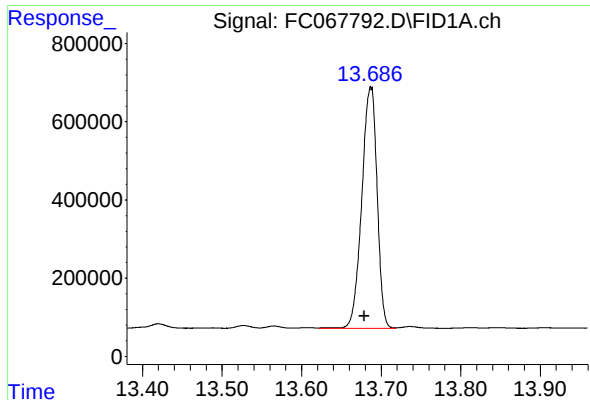
#11 n-Heneicosane (C21)

R.T.: 13.101 min
Delta R.T.: 0.007 min
Response: 8389891
Conc: 50.99 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.929 min
Delta R.T.: 0.004 min
Response: 4053342
Conc: 27.92 ug/ml



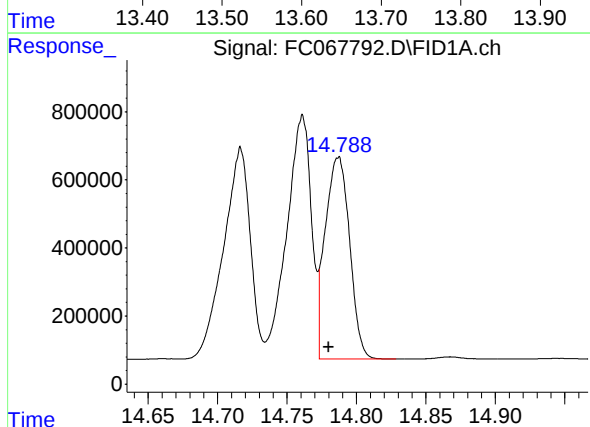
#13 n-Docosane (C22)

R.T.: 13.687 min
Delta R.T.: 0.008 min
Response: 8251955
Conc: 50.67 ug/ml

Instrument :
FID_C
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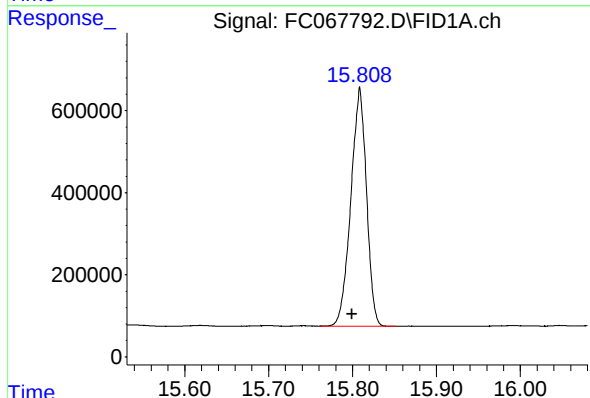
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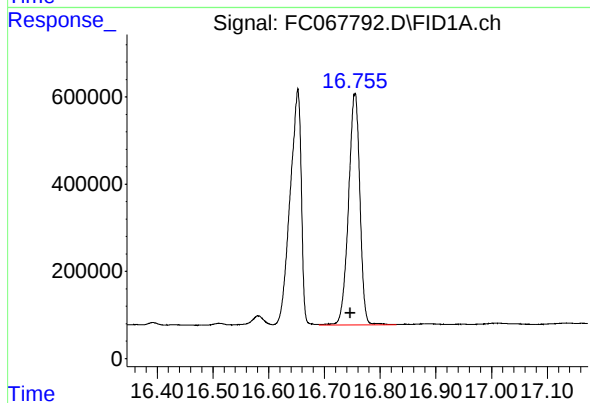
#14 n-Tetracosane (C24)

R.T.: 14.787 min
Delta R.T.: 0.007 min
Response: 7247193
Conc: 45.19 ug/ml



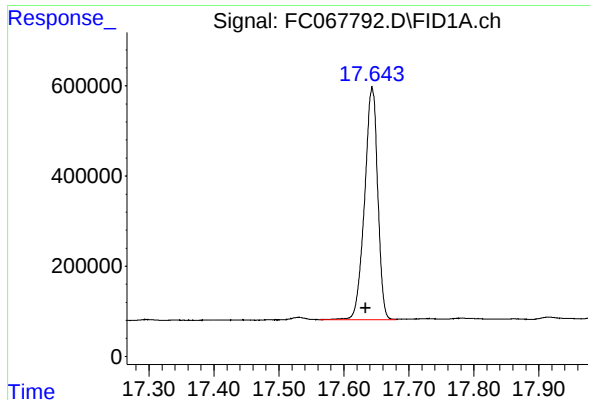
#15 n-Hexacosane (C26)

R.T.: 15.809 min
Delta R.T.: 0.009 min
Response: 7542717
Conc: 48.71 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.755 min
Delta R.T.: 0.008 min
Response: 7535917
Conc: 49.90 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.643 min
Delta R.T.: 0.010 min
Response: 7267739
Conc: 47.47 ug/ml

Instrument :

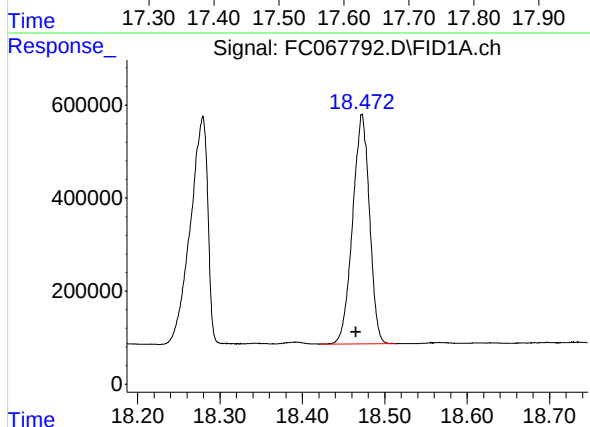
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ClientSampleId :

RR-1MS

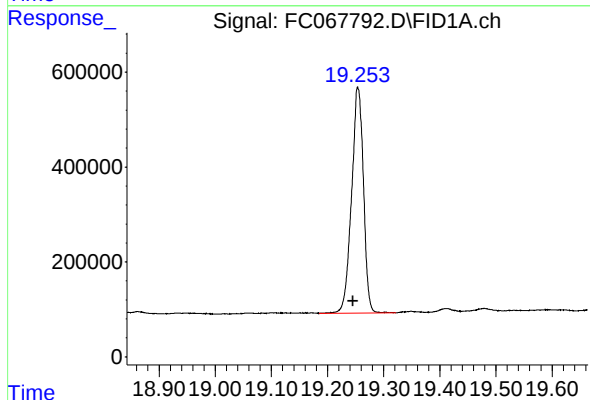
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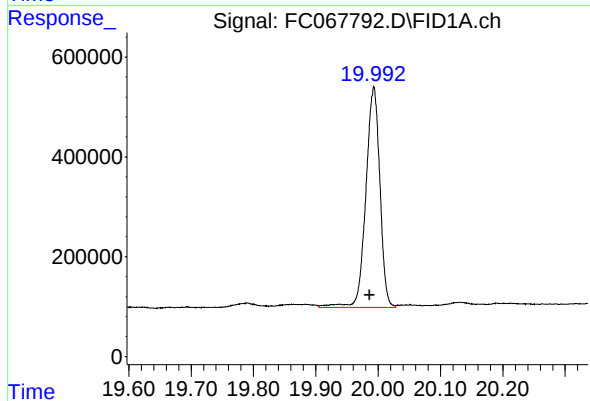
#18 n-Dotriacontane (C32)

R.T.: 18.472 min
Delta R.T.: 0.007 min
Response: 7029467
Conc: 47.60 ug/ml



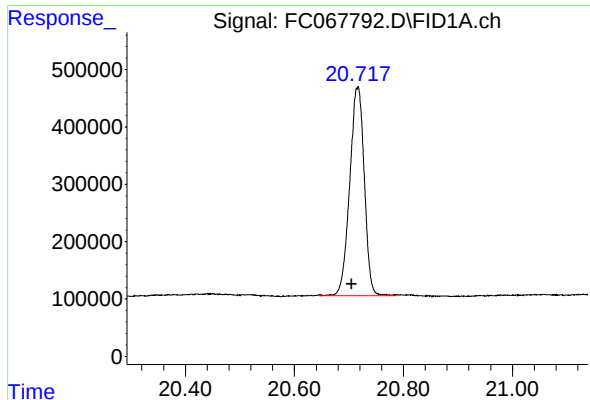
#19 n-Tetratriacontane (C34)

R.T.: 19.254 min
Delta R.T.: 0.009 min
Response: 6985668
Conc: 55.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.993 min
Delta R.T.: 0.007 min
Response: 6923187
Conc: 66.20 ug/ml



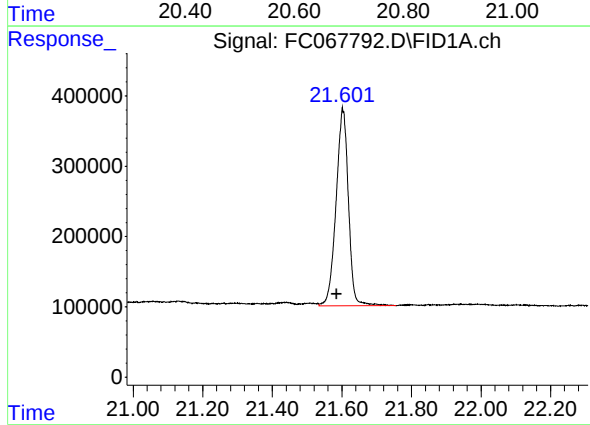
#21 n-Octatriacontane (C38)

R.T.: 20.717 min
Delta R.T.: 0.012 min
Response: 6740572
Conc: 69.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.603 min
Delta R.T.: 0.017 min
Response: 6929916
Conc: 71.10 ug/ml