

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F111224AL\
 Data File : FC067719.D
 Signal(s) : FID1A.ch
 Acq On : 12 Nov 2024 21:38
 Operator : YP/AJ
 Sample : P4810-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/13/2024
 Supervised By :Ankita Jodhani 11/13/2024

Integration File: autoint1.e
 Quant Time: Nov 12 23:56:29 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)	11.488	3543703	24.151 ug/ml
Spiked Amount 50.000		Recovery =	48.30%
12) S 1-chlorooctadecane (S...	12.926	2482250	22.986 ug/ml
Spiked Amount 50.000		Recovery =	45.97%
Target Compounds			
1) T n-Nonane (C9)	3.285	5767927	42.814 ug/ml
2) T n-Decane (C10)	4.342	6025632	44.226 ug/ml
3) T A~Naphthalene (C11.7)	5.914	6662221	44.958 ug/ml
4) T n-Dodecane (C12)	6.351	6080046	44.890 ug/ml
5) T A~2-methylnaphthalene...	6.967	6045618	42.810 ug/ml
6) T n-Tetradecane (C14)	8.144	5997319	45.690 ug/mlm
7) T n-Hexadecane (C16)	9.739	5904425	44.696 ug/ml
8) T n-Octadecane (C18)	11.179	5862195	44.373 ug/ml
10) T n-Eicosane (C20)	12.486	5872869	46.545 ug/ml
11) T n-Heneicosane (C21)	13.096	5620772	45.544 ug/ml
13) T n-Docosane (C22)	13.682	5562345	45.426 ug/mlm
14) T n-Tetracosane (C24)	14.753	11434745	94.338 ug/mlm
15) T n-Hexacosane (C26)	15.804	5467574	45.924 ug/ml
16) T n-Octacosane (C28)	16.750	5566291	47.313 ug/ml
17) T n-Tricontane (C30)	17.638	5668170	46.894 ug/ml
18) T n-Dotriacontane (C32)	18.467	5646755	47.724 ug/ml
19) T n-Tetratriacontane (C34)	19.248	5671350	54.153 ug/ml
20) T n-Hexatriacontane (C36)	19.987	5462687	60.012 ug/ml
21) T n-Octatriacontane (C38)	20.706	5397323	62.323 ug/mlm
22) T n-Tetracontane (C40)	21.589	5970941	70.237 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111224AL\
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Operator : YP/AJ
Sample : P4810-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

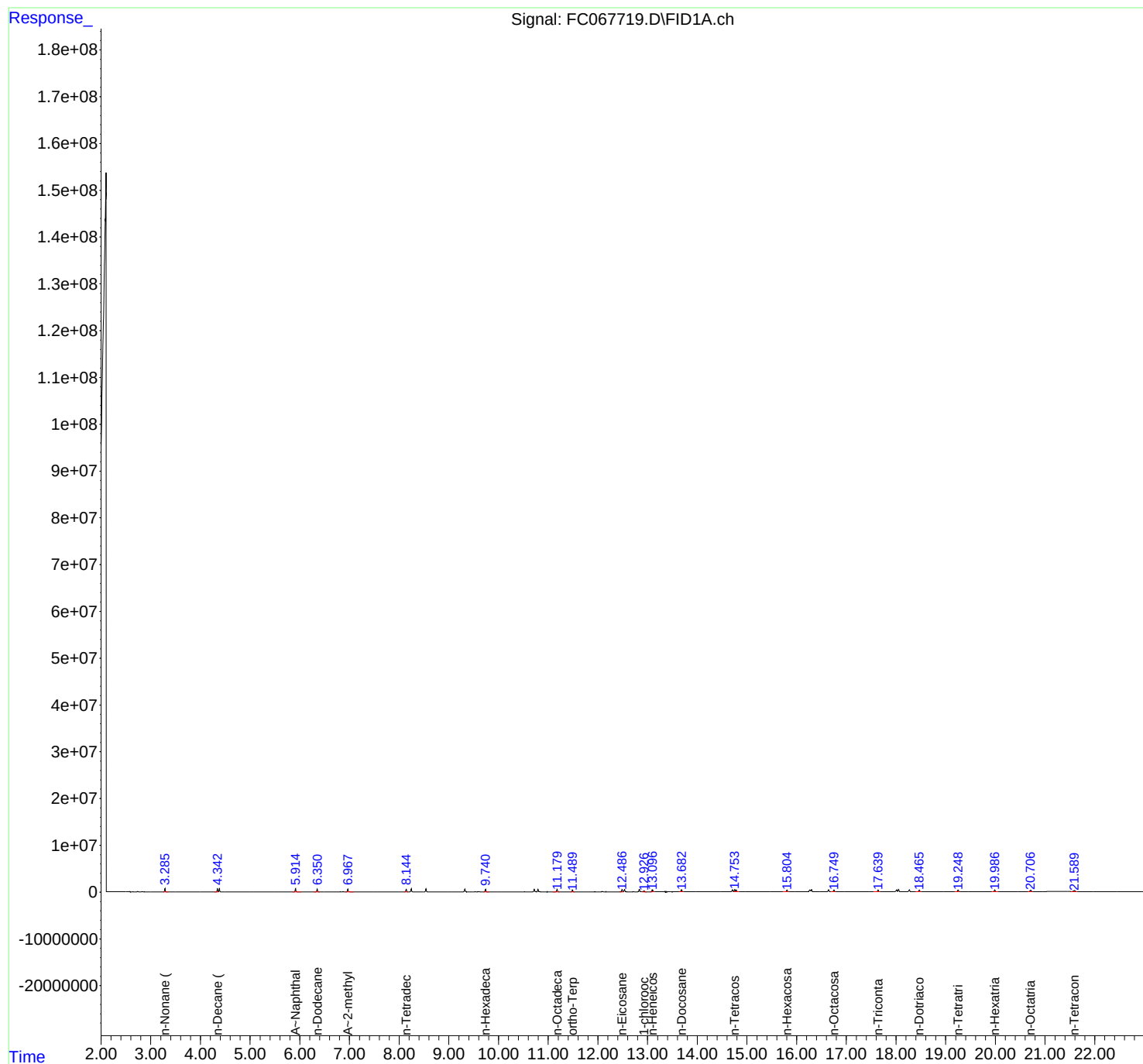
Instrument :
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1MS

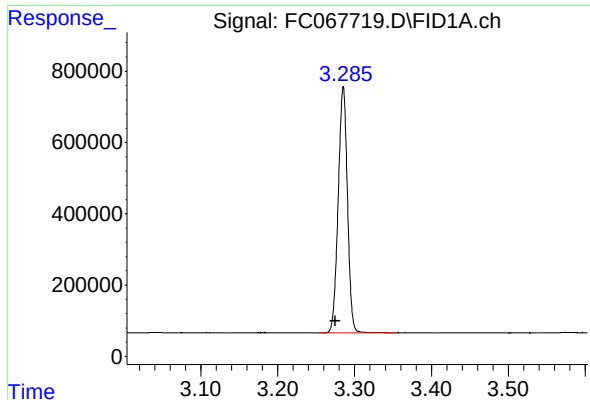
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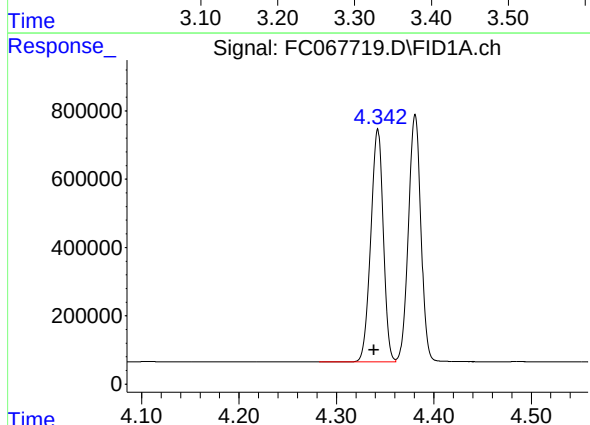
#1 n-Nonane (C9)

R.T.: 3.285 min
Delta R.T.: 0.010 min
Response: 5767927
Conc: 42.81 ug/ml

Instrument :
FID_C
ClientSampleId :
1MS

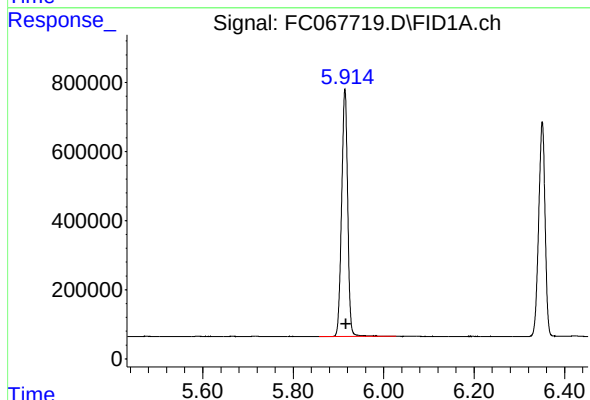
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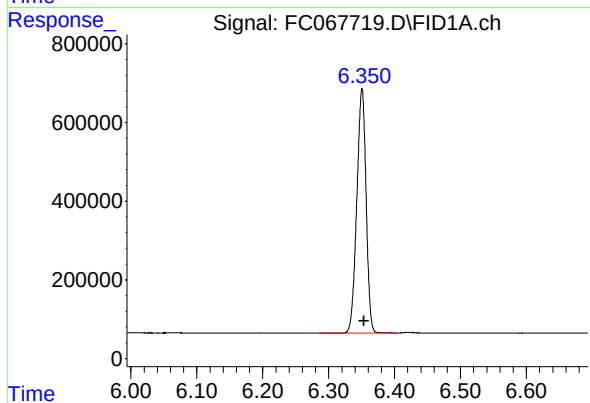
#2 n-Decane (C10)

R.T.: 4.342 min
Delta R.T.: 0.004 min
Response: 6025632
Conc: 44.23 ug/ml



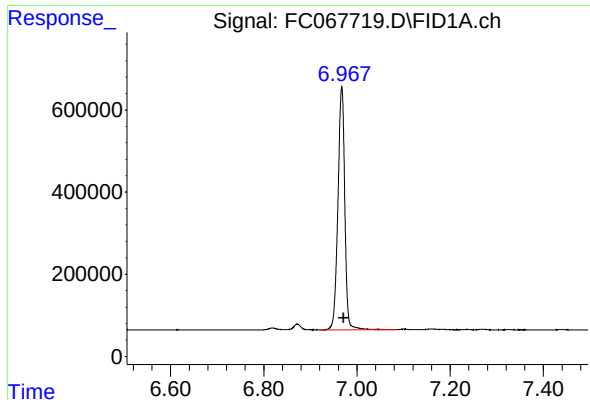
#3 A~Naphthalene (C11.7)

R.T.: 5.914 min
Delta R.T.: -0.003 min
Response: 6662221
Conc: 44.96 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.351 min
Delta R.T.: -0.003 min
Response: 6080046
Conc: 44.89 ug/ml



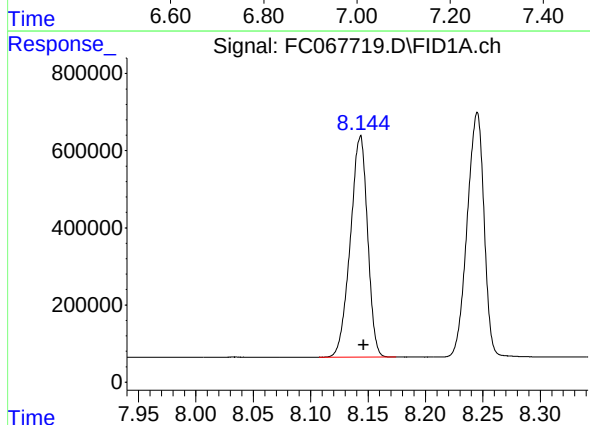
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.967 min
Delta R.T.: -0.004 min
Response: 6045618
Conc: 42.81 ug/ml

Instrument :
FID_C
ClientSampleId :
1MS

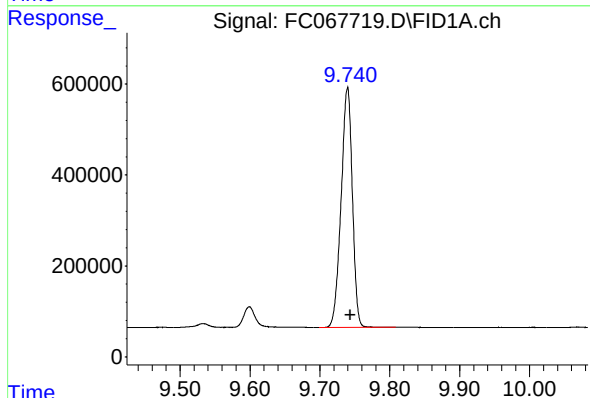
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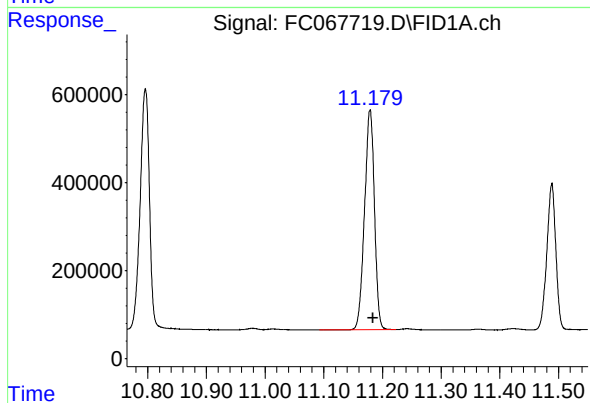
#6 n-Tetradecane (C14)

R.T.: 8.144 min
Delta R.T.: -0.002 min
Response: 5997319
Conc: 45.69 ug/ml



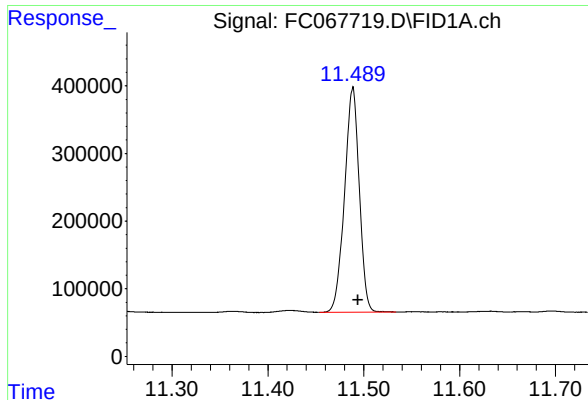
#7 n-Hexadecane (C16)

R.T.: 9.739 min
Delta R.T.: -0.004 min
Response: 5904425
Conc: 44.70 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.179 min
Delta R.T.: -0.005 min
Response: 5862195
Conc: 44.37 ug/ml



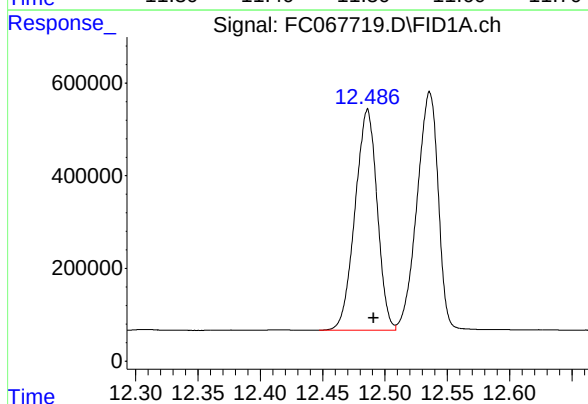
#9 ortho-Terphenyl (SURR)

R.T.: 11.488 min
Delta R.T.: -0.006 min
Response: 3543703
Conc: 24.15 ug/ml

Instrument :
FID_C
ClientSampleId :
1MS

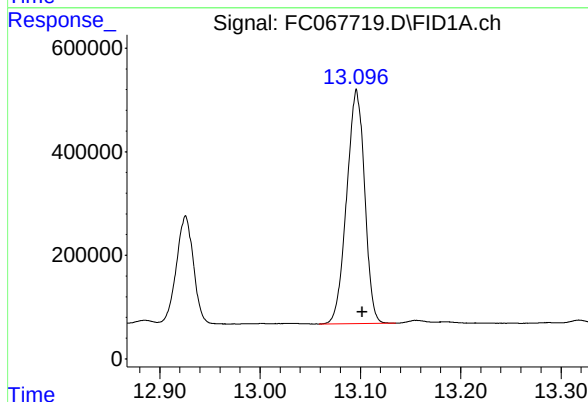
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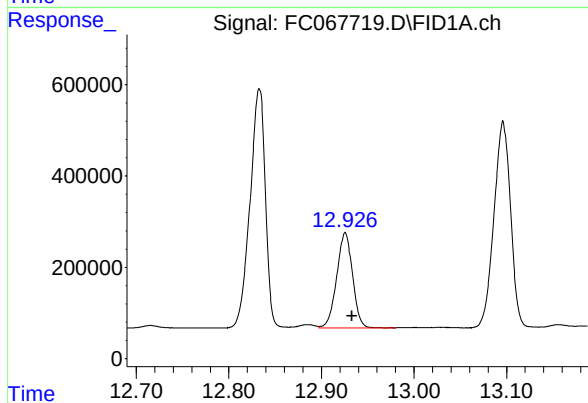
#10 n-Eicosane (C20)

R.T.: 12.486 min
Delta R.T.: -0.005 min
Response: 5872869
Conc: 46.54 ug/ml



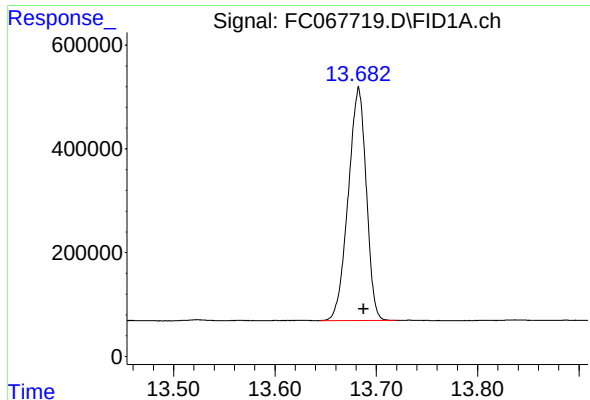
#11 n-Heneicosane (C21)

R.T.: 13.096 min
Delta R.T.: -0.006 min
Response: 5620772
Conc: 45.54 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.926 min
Delta R.T.: -0.007 min
Response: 2482250
Conc: 22.99 ug/ml



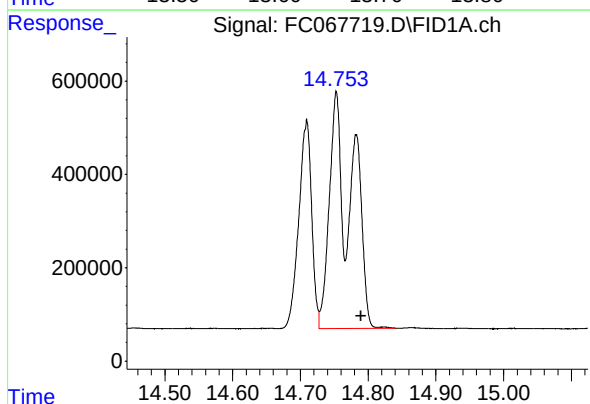
#13 n-Docosane (C22)

R.T.: 13.682 min
Delta R.T.: -0.005 min
Response: 5562345
Conc: 45.43 ug/ml

Instrument :
FID_C
ClientSampleId :
1MS

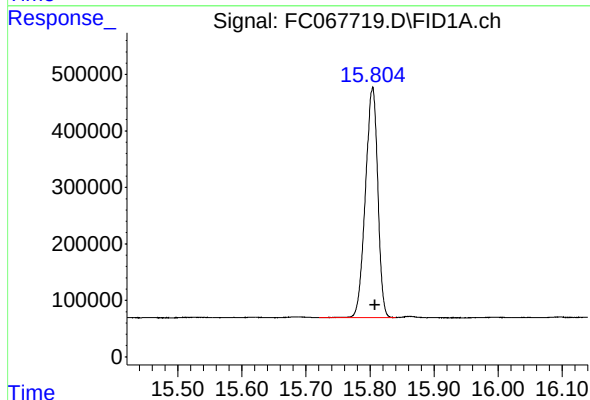
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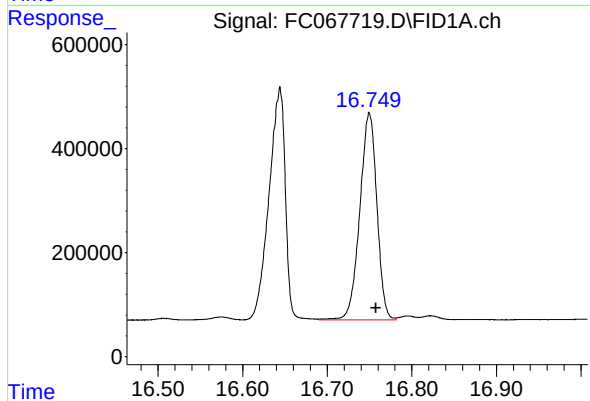
#14 n-Tetracosane (C24)

R.T.: 14.753 min
Delta R.T.: -0.037 min
Response: 11434745
Conc: 94.34 ug/ml m



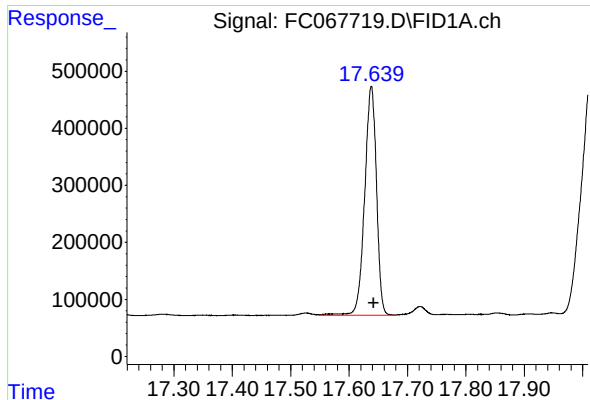
#15 n-Hexacosane (C26)

R.T.: 15.804 min
Delta R.T.: -0.004 min
Response: 5467574
Conc: 45.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.750 min
Delta R.T.: -0.008 min
Response: 5566291
Conc: 47.31 ug/ml



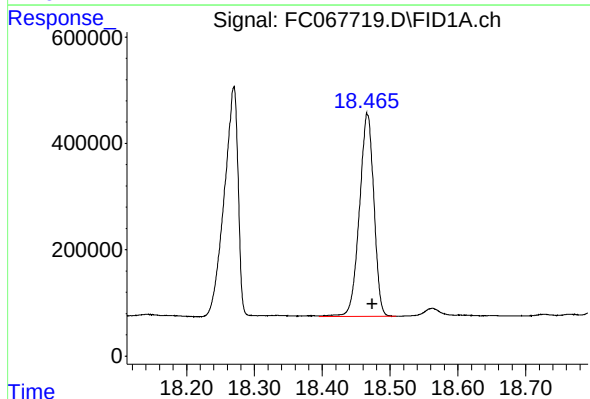
#17 n-Tricontane (C30)

R.T.: 17.638 min
Delta R.T.: -0.005 min
Response: 5668170
Conc: 46.89 ug/ml

Instrument :
FID_C
ClientSampleId :
1MS

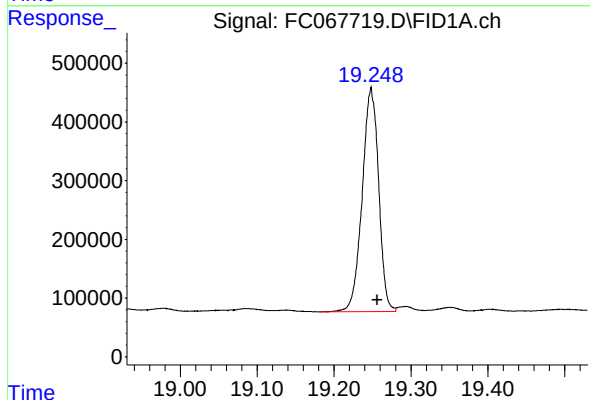
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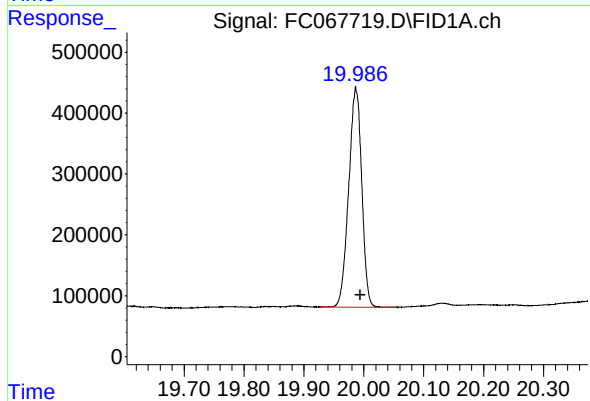
#18 n-Dotriacontane (C32)

R.T.: 18.467 min
Delta R.T.: -0.007 min
Response: 5646755
Conc: 47.72 ug/ml



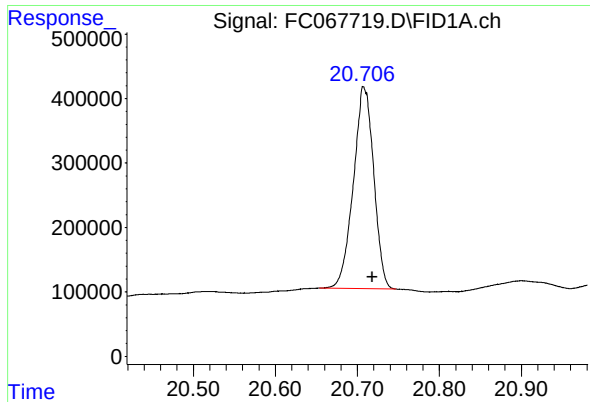
#19 n-Tetratriacontane (C34)

R.T.: 19.248 min
Delta R.T.: -0.008 min
Response: 5671350
Conc: 54.15 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.987 min
Delta R.T.: -0.008 min
Response: 5462687
Conc: 60.01 ug/ml



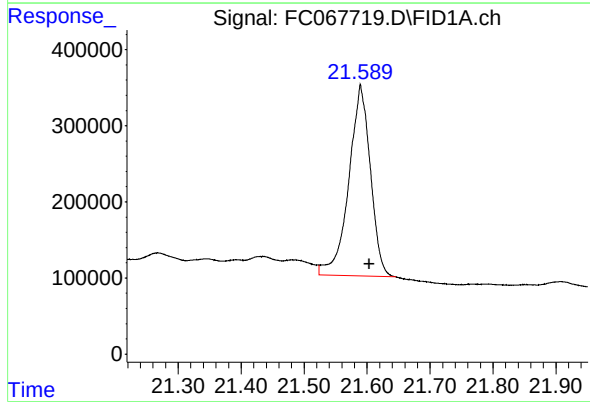
#21 n-Octatriacontane (C38)

R.T.: 20.706 min
Delta R.T.: -0.012 min
Response: 5397323
Conc: 62.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.589 min
Delta R.T.: -0.014 min
Response: 5970941
Conc: 70.24 ug/ml m