

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F103024AL\
 Data File : FC067583.D
 Signal(s) : FID1A.ch
 Acq On : 31 Oct 2024 03:45
 Operator : YP/AJ
 Sample : P4598-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

BP-F12MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :Ankita Jodhani 11/04/2024

Integration File: autoint1.e

Quant Time: Nov 01 00:21:52 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)	11.494	5192729	35.389 ug/ml
Spiked Amount 50.000		Recovery =	70.78%
12) S 1-chlorooctadecane (S...	12.933	4184663	38.751 ug/ml
Spiked Amount 50.000		Recovery =	77.50%
Target Compounds			
1) T n-Nonane (C9)	3.277	3653900	27.122 ug/ml
2) T n-Decane (C10)	4.340	4199902	30.826 ug/ml
3) T A~Naphthalene (C11.7)	5.916	4781554	32.267 ug/ml
4) T n-Dodecane (C12)	6.354	4478755	33.068 ug/ml
5) T A~2-methylnaphthalene...	6.970	4481769	31.736 ug/ml
6) T n-Tetradecane (C14)	8.147	4598985	35.037 ug/ml
7) T n-Hexadecane (C16)	9.743	4797816	36.319 ug/ml
8) T n-Octadecane (C18)	11.183	5039385	38.144 ug/ml
10) T n-Eicosane (C20)	12.491	5214499	41.327 ug/ml
11) T n-Heneicosane (C21)	13.101	5041438	40.850 ug/ml
13) T n-Docosane (C22)	13.686	5005172	40.876 ug/ml
14) T n-Tetracosane (C24)	14.755	10096993	83.302 ug/mlm
15) T n-Hexacosane (C26)	15.808	4887973	41.056 ug/ml
16) T n-Octacosane (C28)	16.754	4785149	40.674 ug/ml
17) T n-Tricontane (C30)	17.642	4847306	40.103 ug/ml
18) T n-Dotriacontane (C32)	18.471	4808402	40.639 ug/ml
19) T n-Tetratriacontane (C34)	19.253	4800650	45.839 ug/ml
20) T n-Hexatriacontane (C36)	19.990	4649333	51.076 ug/ml
21) T n-Octatriacontane (C38)	20.713	4684029	54.087 ug/ml
22) T n-Tetracontane (C40)	21.597	4688832	55.156 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 27 Sample Multiplier: 1

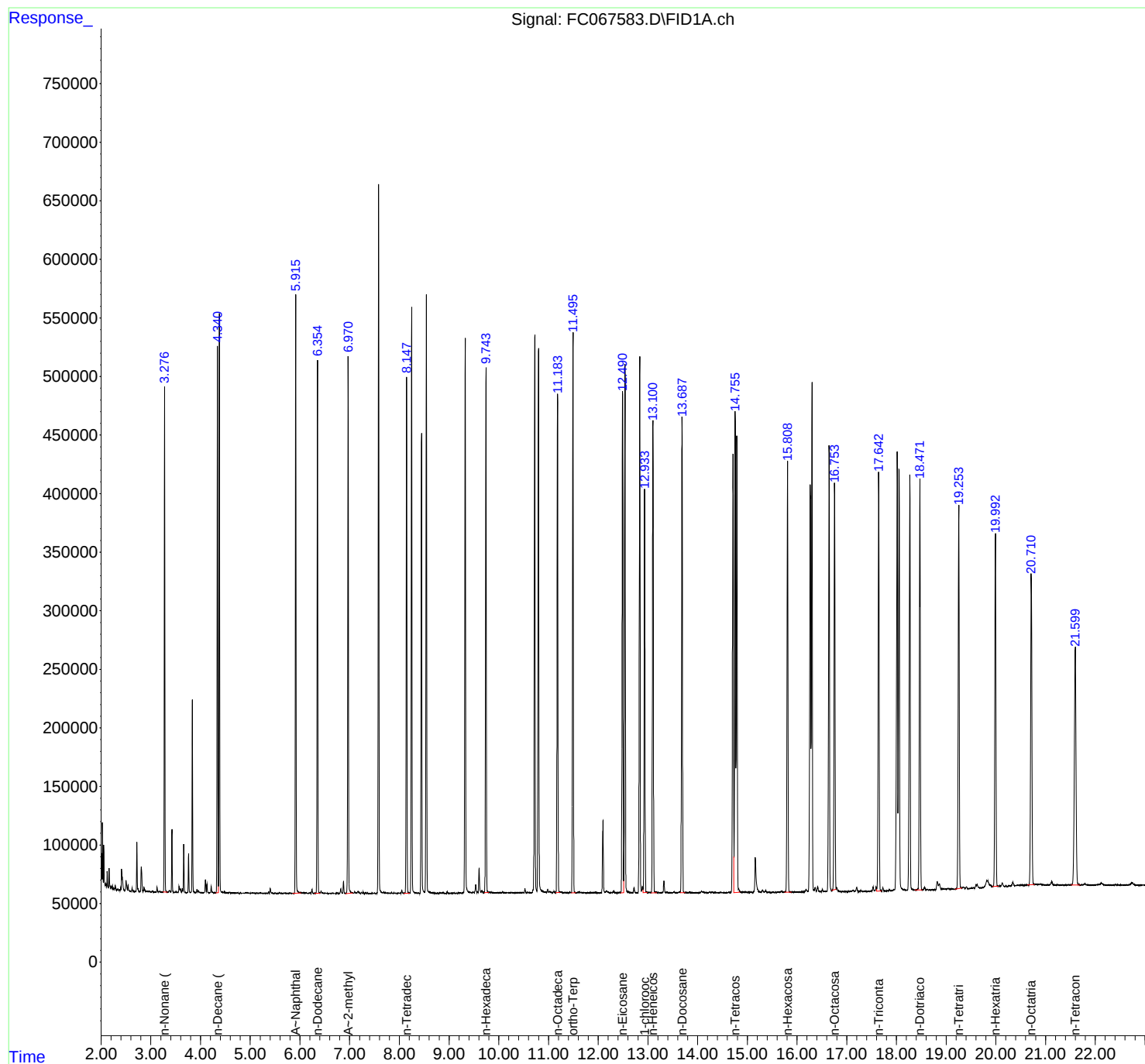
Instrument :
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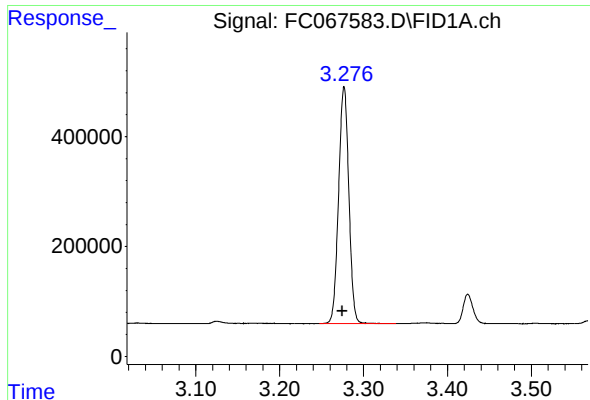
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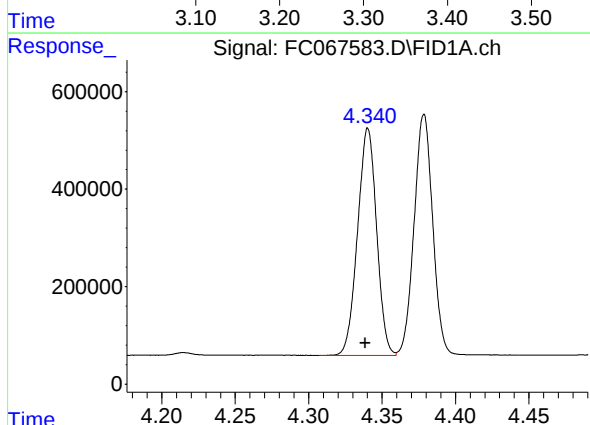
#1 n-Nonane (C9)

R.T.: 3.277 min
Delta R.T.: 0.002 min
Response: 3653900
Conc: 27.12 ug/ml

Instrument :
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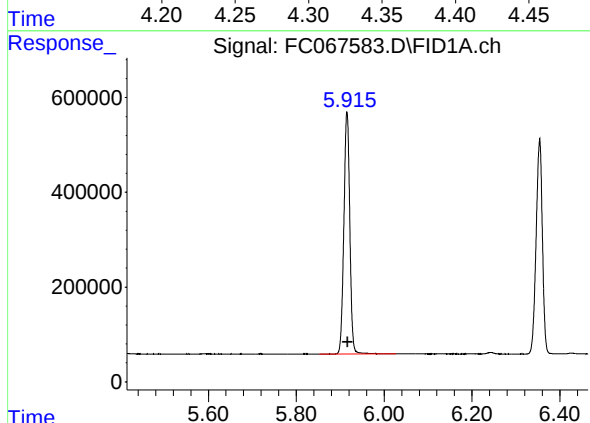
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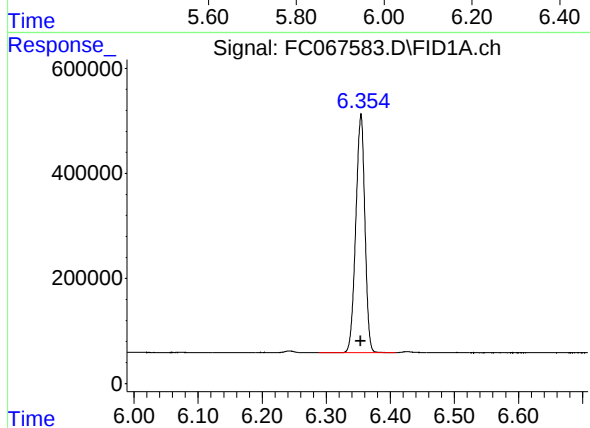
#2 n-Decane (C10)

R.T.: 4.340 min
Delta R.T.: 0.002 min
Response: 4199902
Conc: 30.83 ug/ml



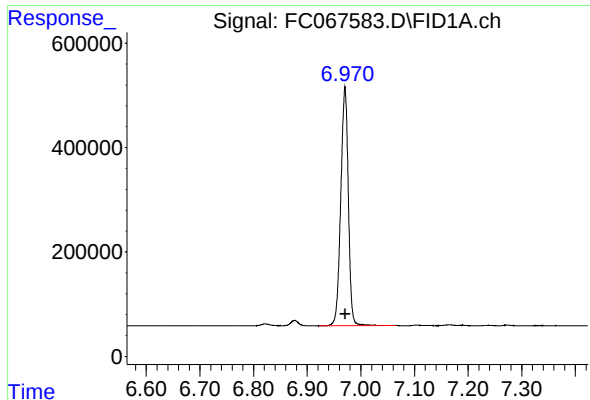
#3 A~Naphthalene (C11.7)

R.T.: 5.916 min
Delta R.T.: -0.001 min
Response: 4781554
Conc: 32.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 4478755
Conc: 33.07 ug/ml



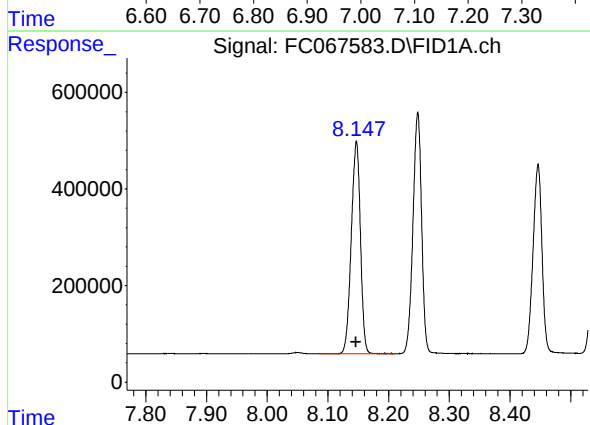
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.970 min
Delta R.T.: 0.000 min
Response: 4481769
Conc: 31.74 ug/ml

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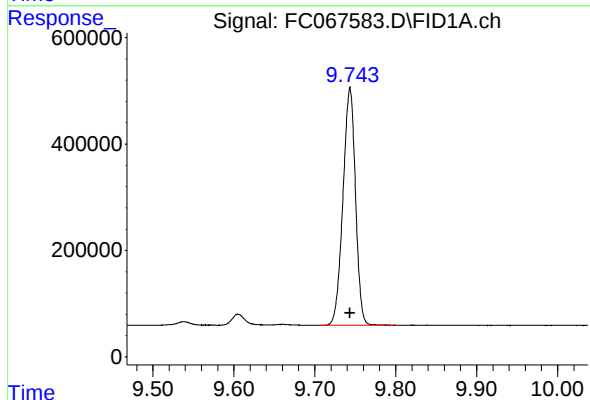
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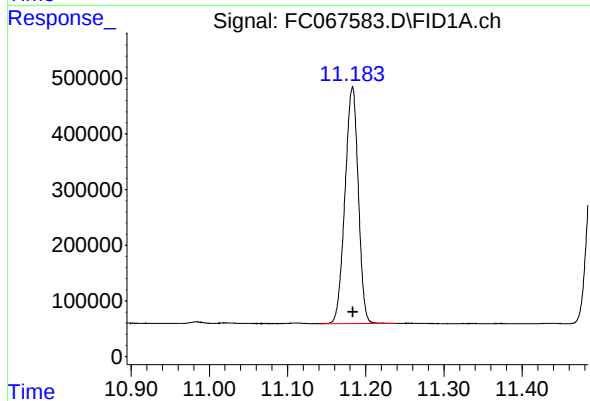
#6 n-Tetradecane (C14)

R.T.: 8.147 min
Delta R.T.: 0.000 min
Response: 4598985
Conc: 35.04 ug/ml



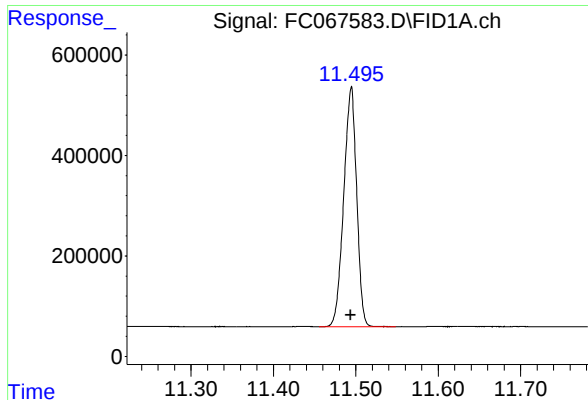
#7 n-Hexadecane (C16)

R.T.: 9.743 min
Delta R.T.: 0.000 min
Response: 4797816
Conc: 36.32 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.183 min
Delta R.T.: 0.000 min
Response: 5039385
Conc: 38.14 ug/ml



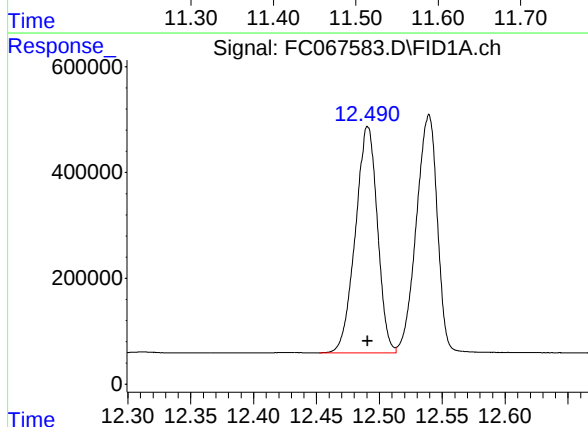
#9 ortho-Terphenyl (SURR)

R.T.: 11.494 min
Delta R.T.: 0.000 min
Response: 5192729
Conc: 35.39 ug/ml

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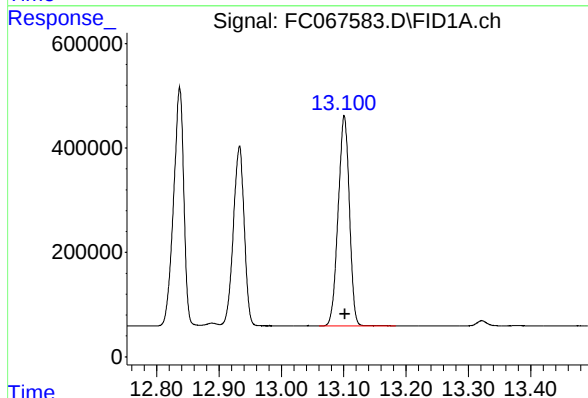
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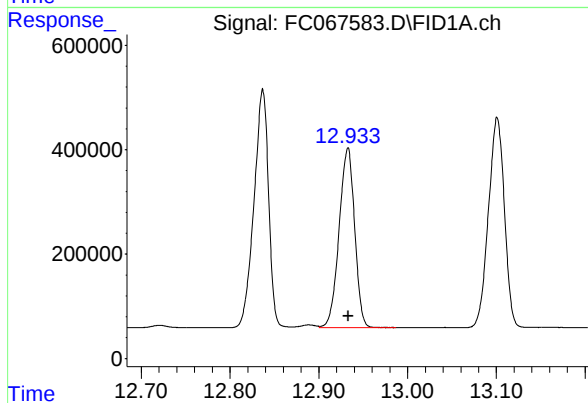
#10 n-Eicosane (C20)

R.T.: 12.491 min
Delta R.T.: 0.000 min
Response: 5214499
Conc: 41.33 ug/ml



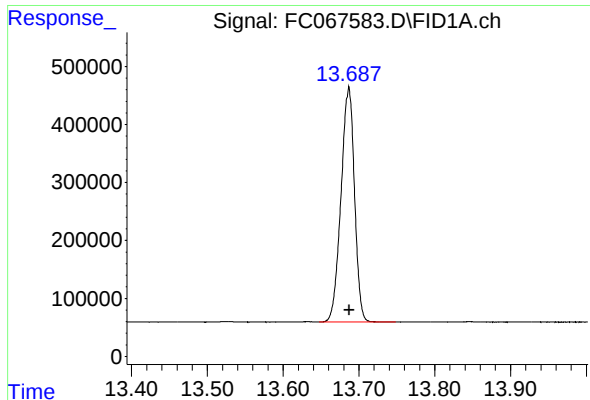
#11 n-Heneicosane (C21)

R.T.: 13.101 min
Delta R.T.: -0.001 min
Response: 5041438
Conc: 40.85 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.933 min
Delta R.T.: 0.000 min
Response: 4184663
Conc: 38.75 ug/ml



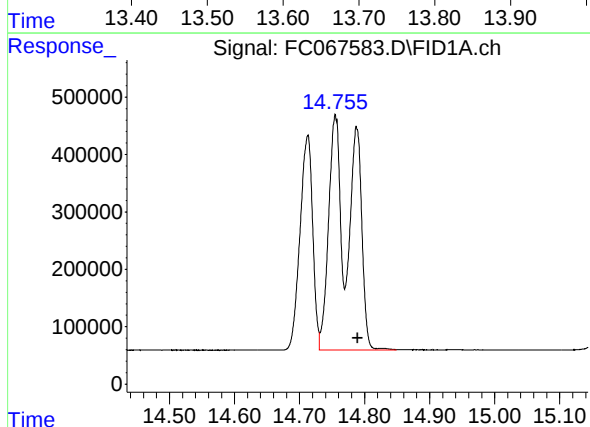
#13 n-Docosane (C22)

R.T.: 13.686 min
Delta R.T.: 0.000 min
Response: 5005172
Conc: 40.88 ug/ml

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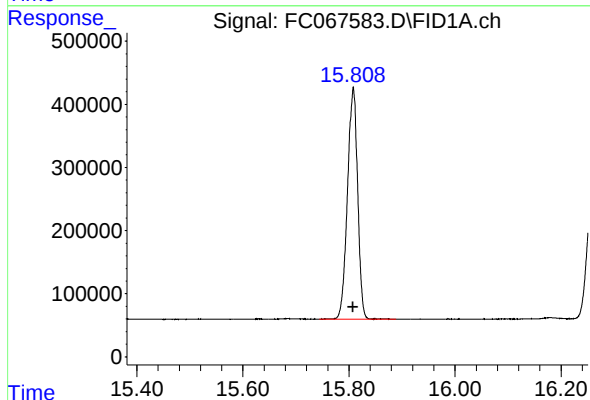
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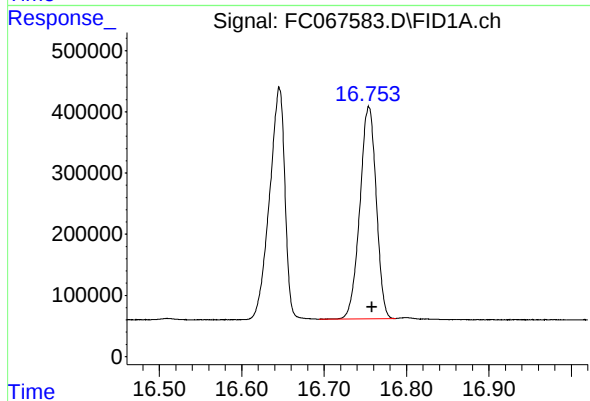
#14 n-Tetracosane (C24)

R.T.: 14.755 min
Delta R.T.: -0.035 min
Response: 10096993
Conc: 83.30 ug/ml m



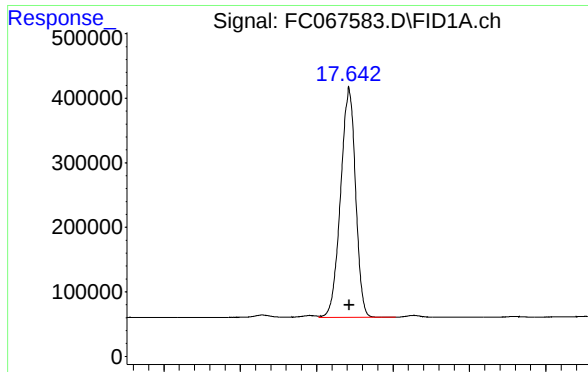
#15 n-Hexacosane (C26)

R.T.: 15.808 min
Delta R.T.: 0.000 min
Response: 4887973
Conc: 41.06 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.754 min
Delta R.T.: -0.004 min
Response: 4785149
Conc: 40.67 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.642 min
Delta R.T.: 0.000 min
Response: 4847306
Conc: 40.10 ug/ml

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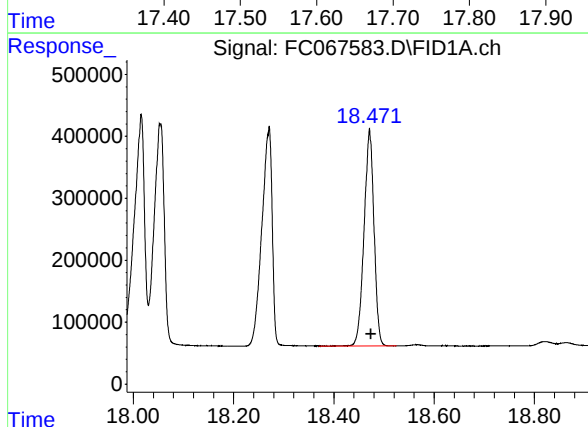
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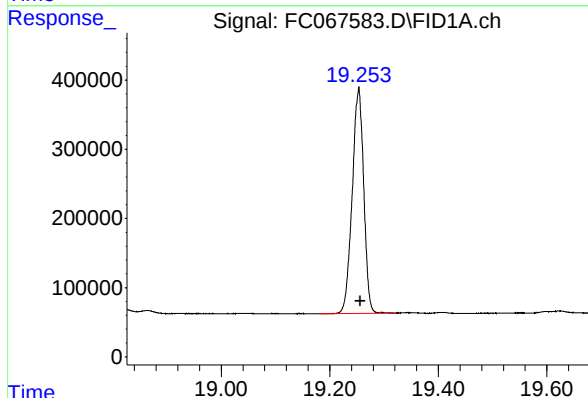
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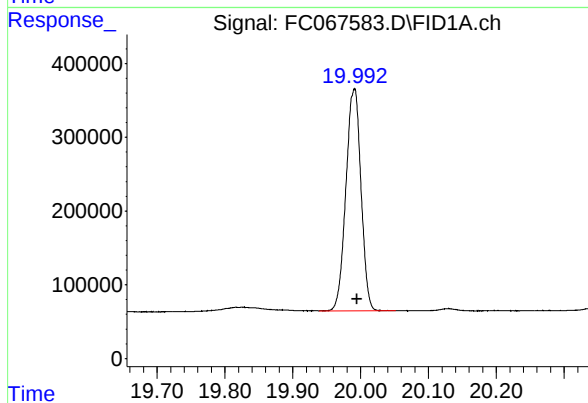
#18 n-Dotriacontane (C32)

R.T.: 18.471 min
Delta R.T.: -0.003 min
Response: 4808402
Conc: 40.64 ug/ml



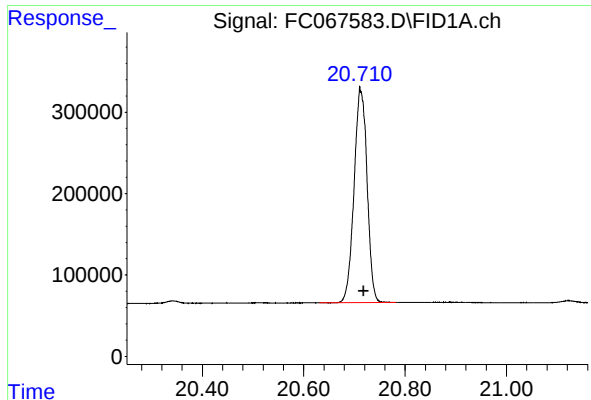
#19 n-Tetratriacontane (C34)

R.T.: 19.253 min
Delta R.T.: -0.003 min
Response: 4800650
Conc: 45.84 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.990 min
Delta R.T.: -0.004 min
Response: 4649333
Conc: 51.08 ug/ml



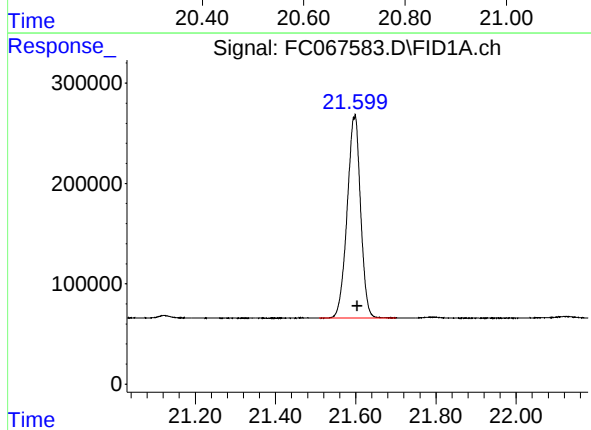
#21 n-Octatriacontane (C38)

R.T.: 20.713 min
Delta R.T.: -0.005 min
Response: 4684029
Conc: 54.09 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.597 min
Delta R.T.: -0.006 min
Response: 4688832
Conc: 55.16 ug/ml