

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F111524AL\
 Data File : FC067776.D
 Signal(s) : FID1A.ch
 Acq On : 15 Nov 2024 15:13
 Operator : YP/AJ
 Sample : P4839-07MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 EX-9-TPH-15MS

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Nov 16 08:21:59 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			
12) S 1-chlorooctadecane (S...	12.930	5803490	39.980 ug/ml
Spiked Amount 50.000		Recovery =	79.96%
Target Compounds			
1) T n-Nonane (C9)	3.274	5380329	32.985 ug/ml
2) T n-Decane (C10)	4.337	6871311	41.435 ug/ml
4) T n-Dodecane (C12)	6.353	8659177	51.412 ug/mlm
6) T n-Tetradecane (C14)	8.145	9329428	55.707 ug/mlm
7) T n-Hexadecane (C16)	9.743	9501389	54.827 ug/ml
8) T n-Octadecane (C18)	11.182	9572803	54.410 ug/ml
10) T n-Eicosane (C20)	12.490	9467843	56.227 ug/ml
11) T n-Heneicosane (C21)	13.101	9012630	54.775 ug/ml
13) T n-Docosane (C22)	13.685	8894868	54.619 ug/ml
14) T n-Tetracosane (C24)	14.786	8669079	54.053 ug/ml
15) T n-Hexacosane (C26)	15.806	8369724	54.046 ug/ml
16) T n-Octacosane (C28)	16.754	8066320	53.411 ug/ml
17) T n-Tricontane (C30)	17.641	7792036	50.892 ug/ml
18) T n-Dotriacontane (C32)	18.472	7488356	50.703 ug/ml
19) T n-Tetratriacontane (C34)	19.253	7250381	57.483 ug/ml
20) T n-Hexatriacontane (C36)	19.993	6891430	65.892 ug/ml
21) T n-Octatriacontane (C38)	20.715	6966592	71.318 ug/ml
22) T n-Tetracontane (C40)	21.600	6985729	71.673 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : P4839-07MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

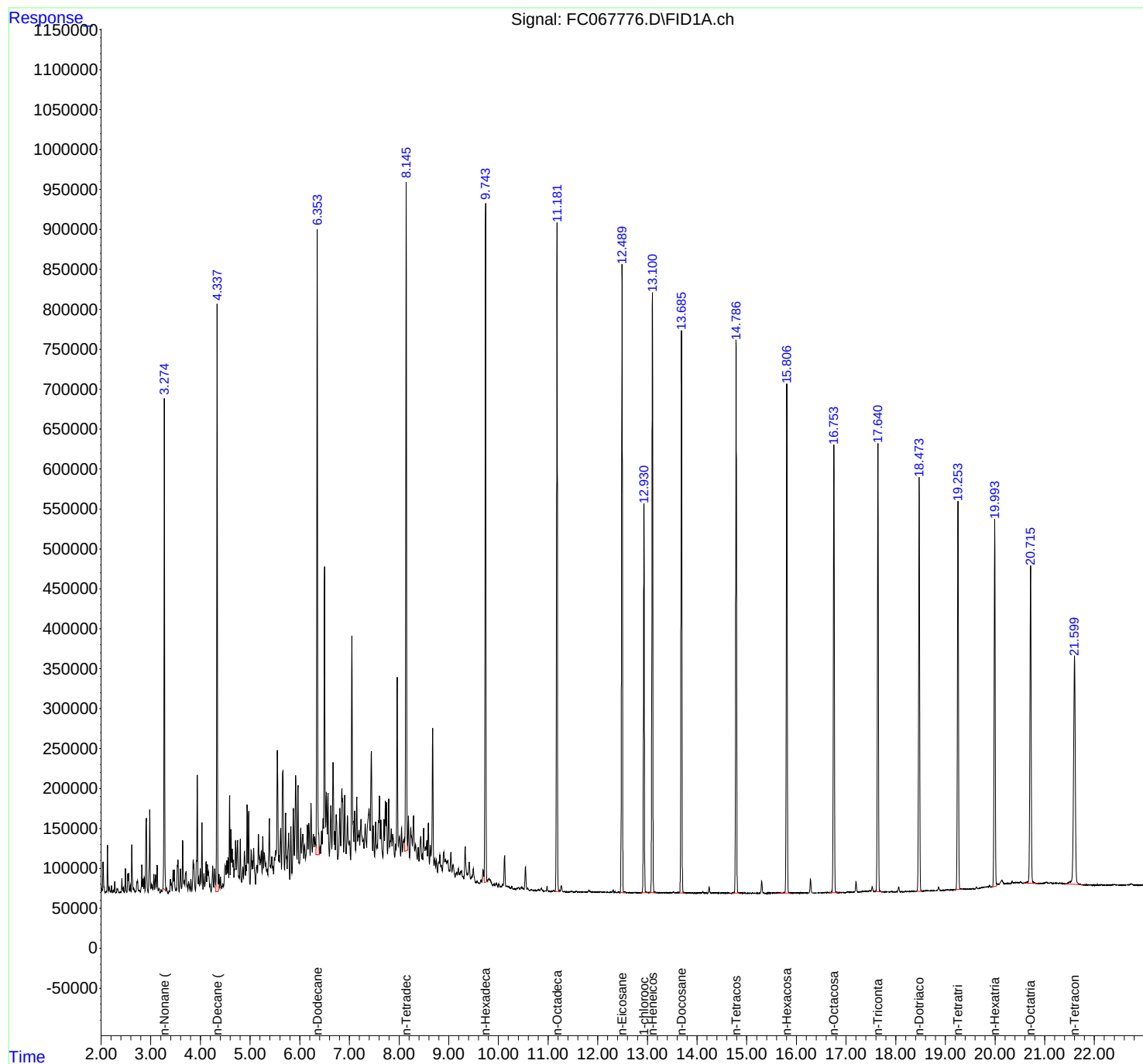
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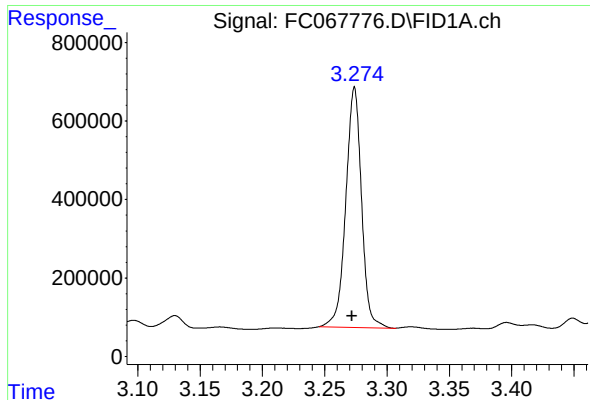
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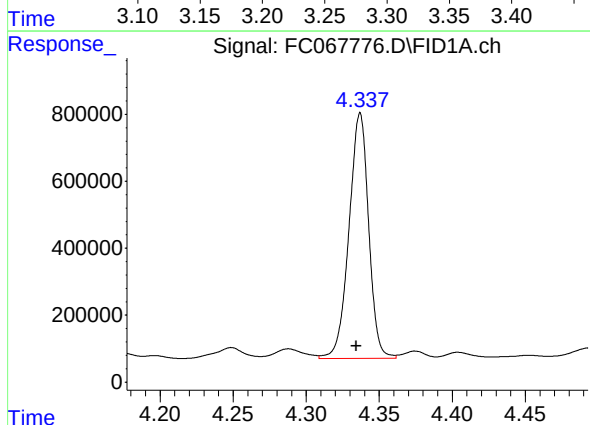
#1 n-Nonane (C9)

R.T.: 3.274 min
Delta R.T.: 0.002 min
Response: 5380329
Conc: 32.99 ug/ml

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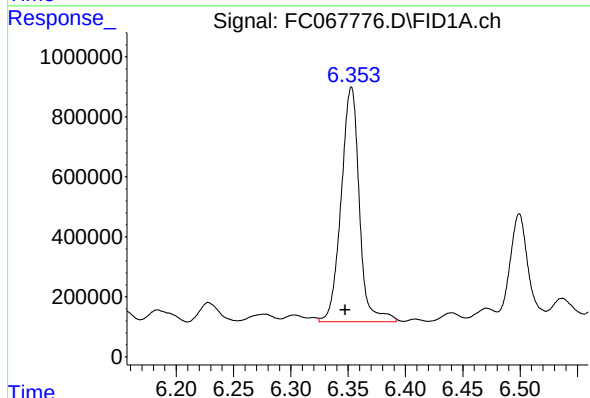
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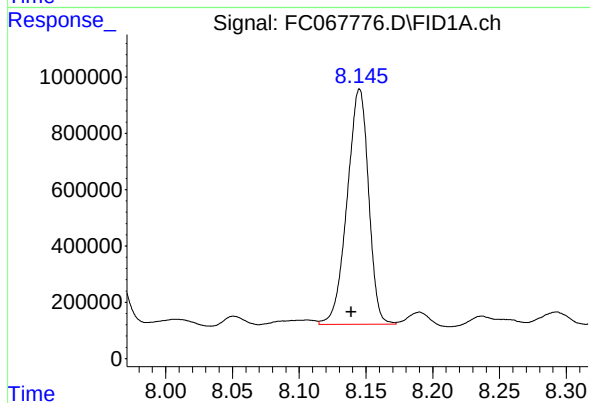
#2 n-Decane (C10)

R.T.: 4.337 min
Delta R.T.: 0.003 min
Response: 6871311
Conc: 41.44 ug/ml



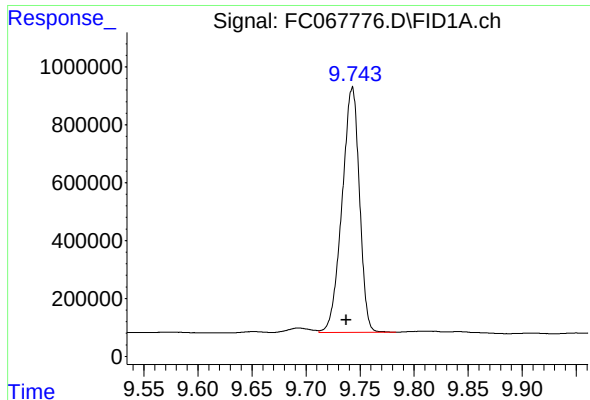
#4 n-Dodecane (C12)

R.T.: 6.353 min
Delta R.T.: 0.005 min
Response: 8659177
Conc: 51.41 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.145 min
Delta R.T.: 0.006 min
Response: 9329428
Conc: 55.71 ug/ml m



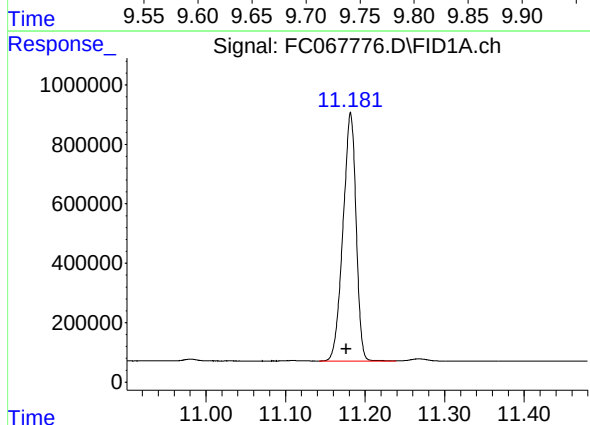
#7 n-Hexadecane (C16)

R.T.: 9.743 min
Delta R.T.: 0.005 min
Response: 9501389
Conc: 54.83 ug/ml

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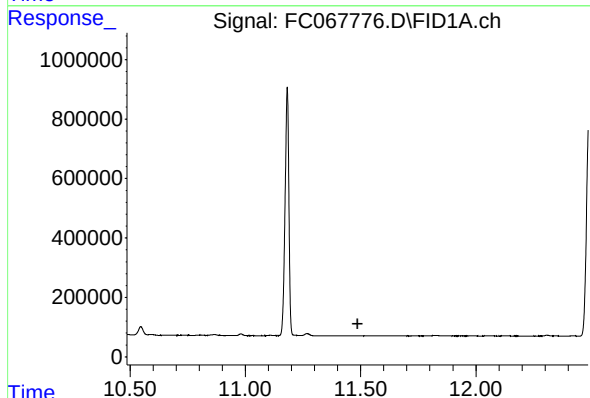
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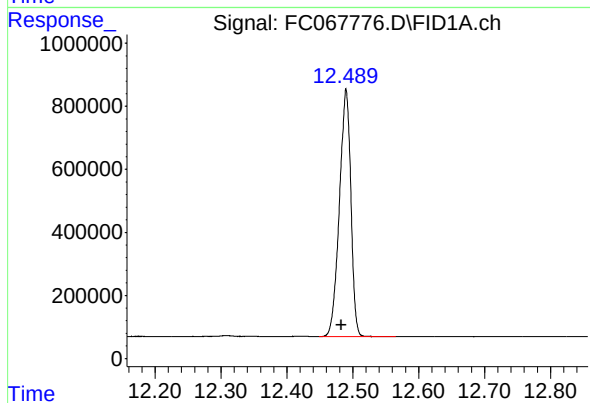
#8 n-Octadecane (C18)

R.T.: 11.182 min
Delta R.T.: 0.006 min
Response: 9572803
Conc: 54.41 ug/ml



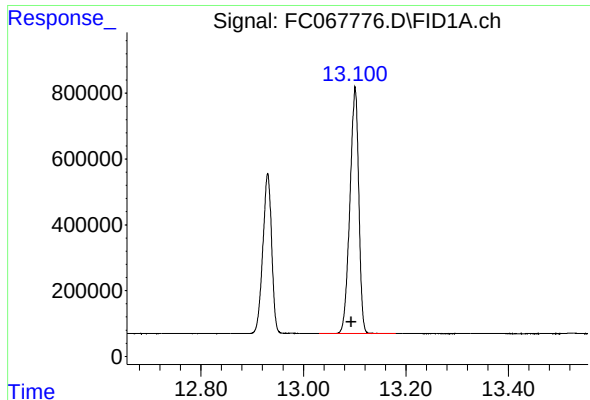
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.486 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.490 min
Delta R.T.: 0.008 min
Response: 9467843
Conc: 56.23 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.101 min
Delta R.T.: 0.007 min
Response: 9012630
Conc: 54.78 ug/ml

Instrument :

FID_C

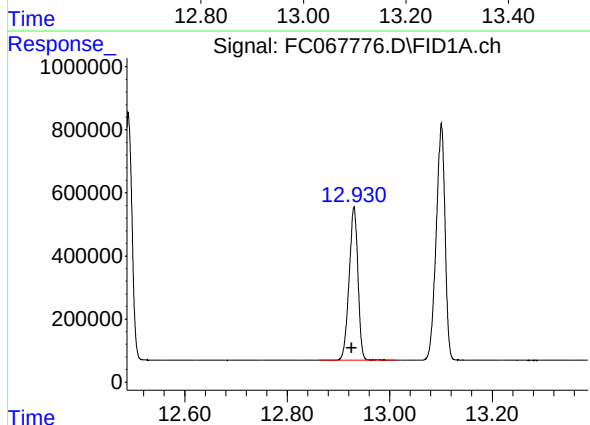
ClientSampleId :

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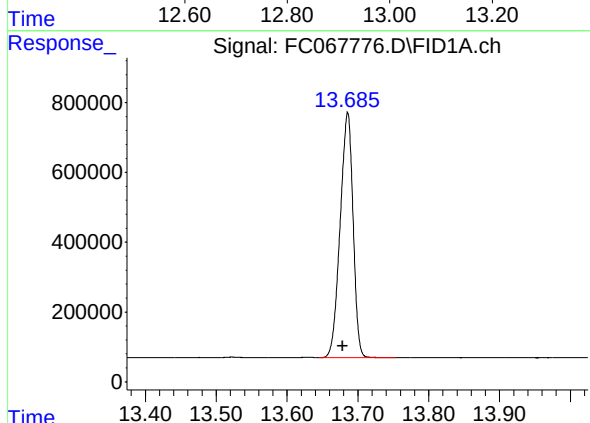
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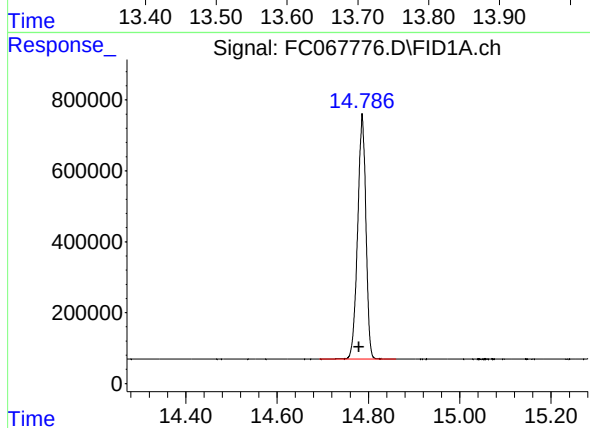
#12 1-chlorooctadecane (SURR)

R.T.: 12.930 min
Delta R.T.: 0.005 min
Response: 5803490
Conc: 39.98 ug/ml



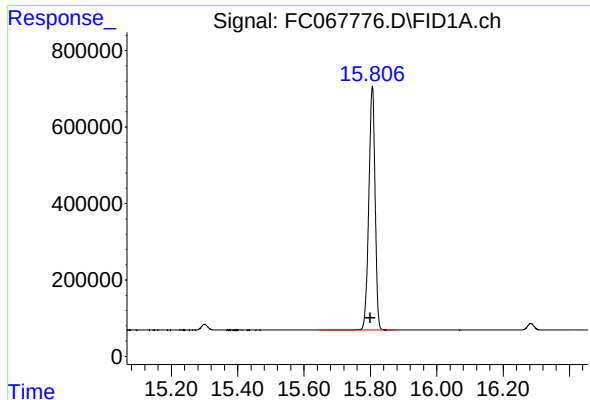
#13 n-Docosane (C22)

R.T.: 13.685 min
Delta R.T.: 0.007 min
Response: 8894868
Conc: 54.62 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.786 min
Delta R.T.: 0.007 min
Response: 8669079
Conc: 54.05 ug/ml



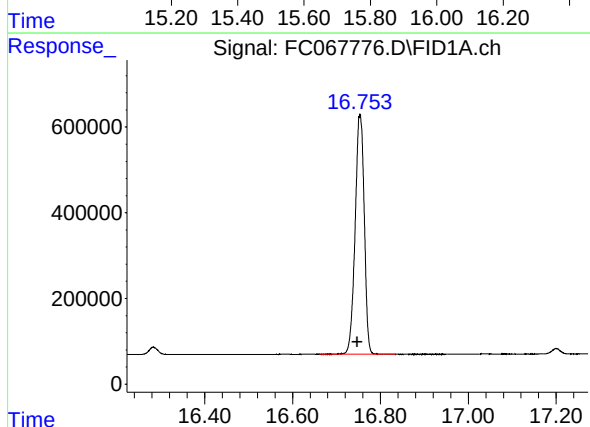
#15 n-Hexacosane (C26)

R.T.: 15.806 min
Delta R.T.: 0.006 min
Response: 8369724
Conc: 54.05 ug/ml

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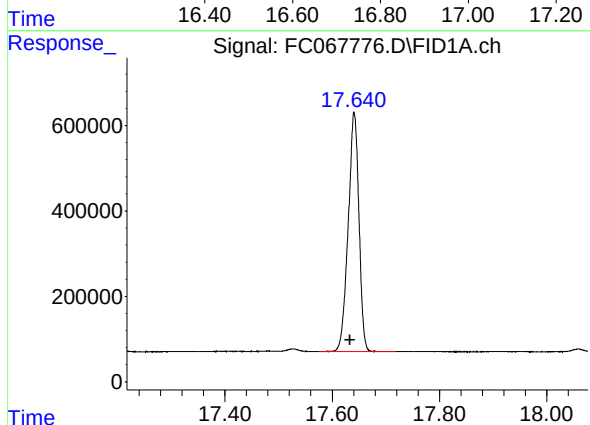
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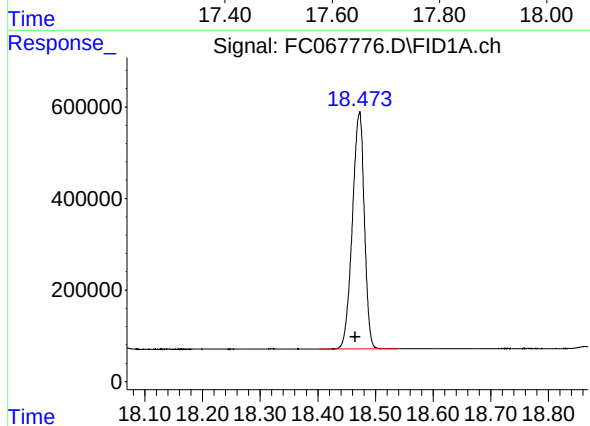
#16 n-Octacosane (C28)

R.T.: 16.754 min
Delta R.T.: 0.007 min
Response: 8066320
Conc: 53.41 ug/ml



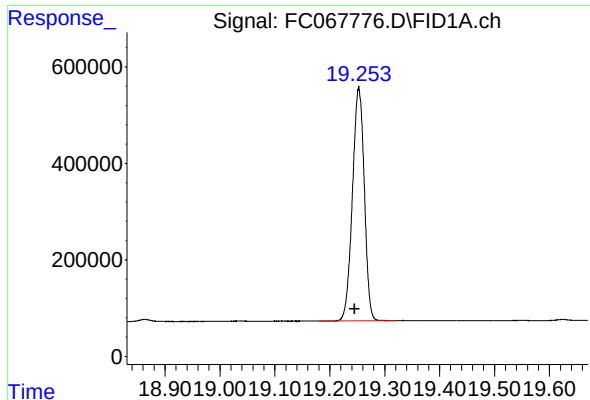
#17 n-Tricontane (C30)

R.T.: 17.641 min
Delta R.T.: 0.008 min
Response: 7792036
Conc: 50.89 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.472 min
Delta R.T.: 0.007 min
Response: 7488356
Conc: 50.70 ug/ml



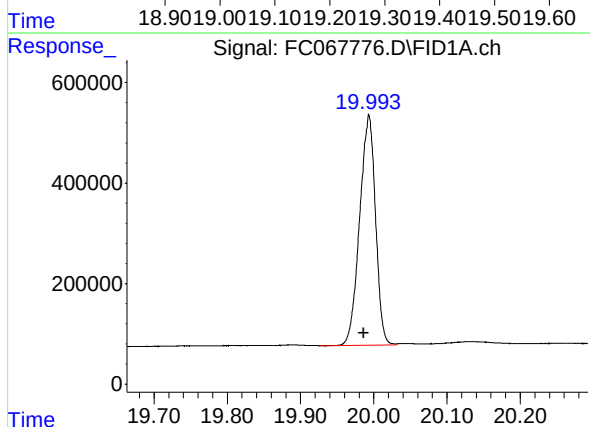
#19 n-Tetratriacontane (C34)

R.T.: 19.253 min
Delta R.T.: 0.007 min
Response: 7250381
Conc: 57.48 ug/ml

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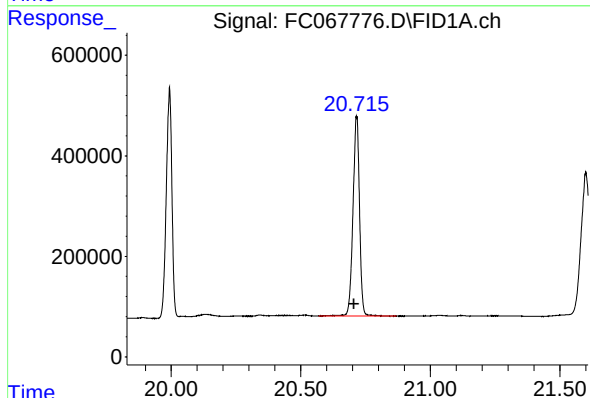
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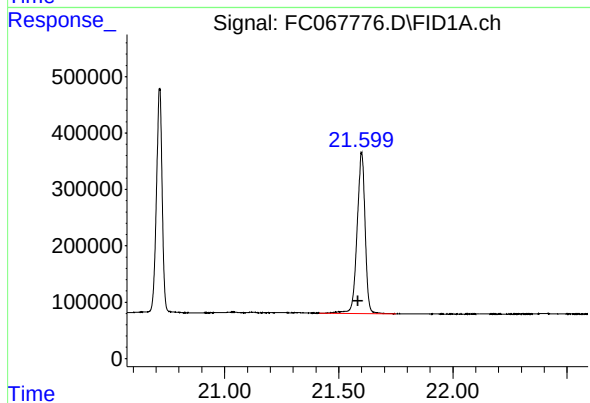
#20 n-Hexatriacontane (C36)

R.T.: 19.993 min
Delta R.T.: 0.007 min
Response: 6891430
Conc: 65.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.715 min
Delta R.T.: 0.010 min
Response: 6966592
Conc: 71.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.600 min
Delta R.T.: 0.015 min
Response: 6985729
Conc: 71.67 ug/ml