

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092624AL\
 Data File : FC067277.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2024 16:40
 Operator : YP/AJ
 Sample : P4190-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

TP-TMS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/27/2024

Supervised By :Ankita Jodhani 09/27/2024

Integration File: autoint1.e

Quant Time: Sep 27 03:21:06 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M

Quant Title : GC Extractables

QLast Update : Wed Sep 11 02:55:44 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)	11.503	4923860	35.361 ug/ml
Spiked Amount 50.000		Recovery =	70.72%
12) S 1-chlorooctadecane (S...	12.940	3830292	39.210 ug/ml
Spiked Amount 50.000		Recovery =	78.42%
Target Compounds			
1) T n-Nonane (C9)	3.281	5340760	40.263 ug/ml
2) T n-Decane (C10)	4.344	6096379	45.391 ug/ml
3) T A~Naphthalene (C11.7)	5.920	6742659	47.442 ug/ml
4) T n-Dodecane (C12)	6.358	6428677	48.027 ug/ml
5) T A~2-methylnaphthalene...	6.975	6314727	47.288 ug/ml
6) T n-Tetradecane (C14)	8.153	7074262	54.892 ug/ml
7) T n-Hexadecane (C16)	9.751	7561577	58.651 ug/ml
8) T n-Octadecane (C18)	11.192	7753614	60.603 ug/ml
10) T n-Eicosane (C20)	12.501	7769429	64.684 ug/ml
11) T n-Heneicosane (C21)	13.111	7461878	63.889 ug/ml
13) T n-Docosane (C22)	13.696	7364484	63.784 ug/ml
14) T n-Tetracosane (C24)	14.797	14216513	125.188 ug/mlm
15) T n-Hexacosane (C26)	15.819	7101156	64.073 ug/ml
16) T n-Octacosane (C28)	16.766	6886026	63.748 ug/ml
17) T n-Tricontane (C30)	17.655	6859231	63.059 ug/ml
18) T n-Dotriacontane (C32)	18.485	6777521	64.977 ug/mlm
19) T n-Tetratriacontane (C34)	19.267	6644722	72.023 ug/ml
20) T n-Hexatriacontane (C36)	20.005	6284266	79.299 ug/ml
21) T n-Octatriacontane (C38)	20.730	6129798	81.605 ug/ml
22) T n-Tetracontane (C40)	21.620	5619504	80.434 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 16 Sample Multiplier: 1

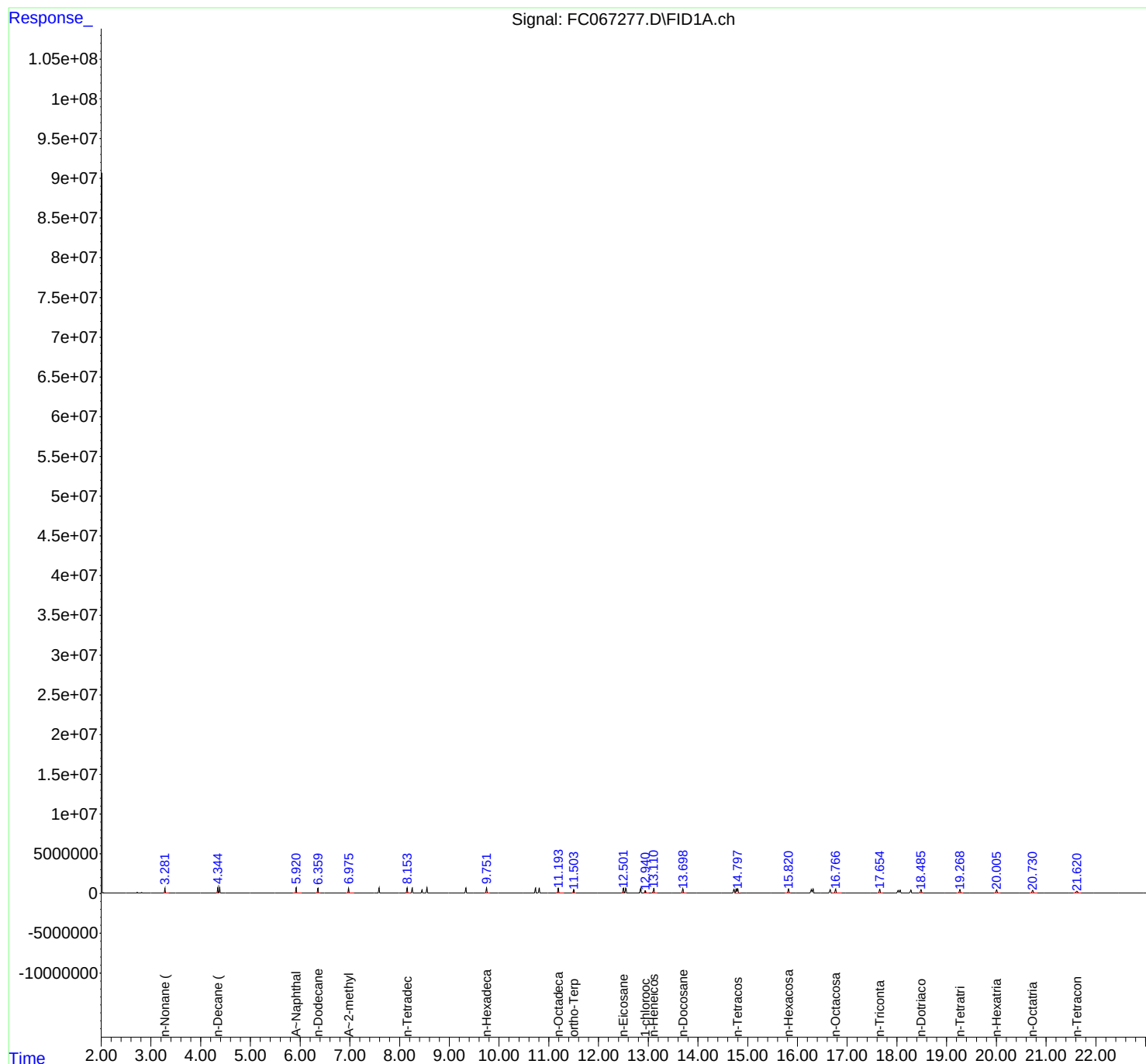
Instrument :
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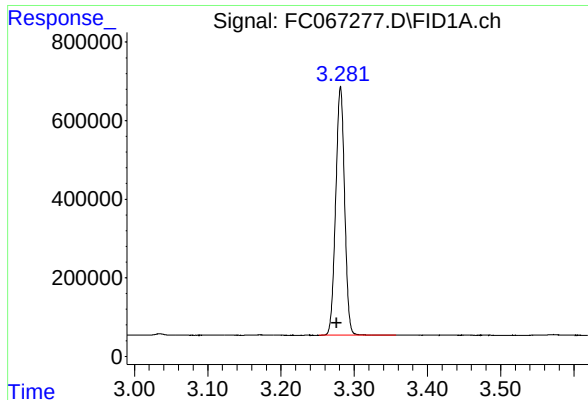
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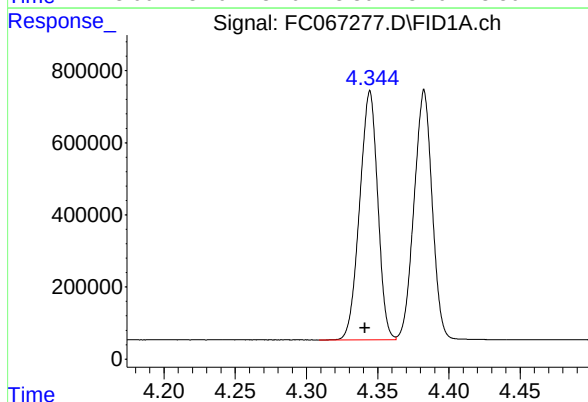
#1 n-Nonane (C9)

R.T.: 3.281 min
Delta R.T.: 0.005 min
Response: 5340760
Conc: 40.26 ug/ml

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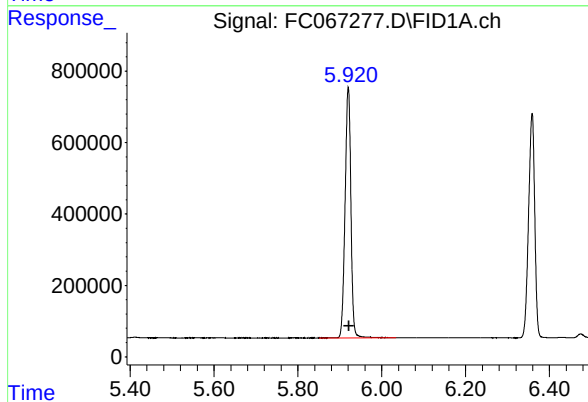
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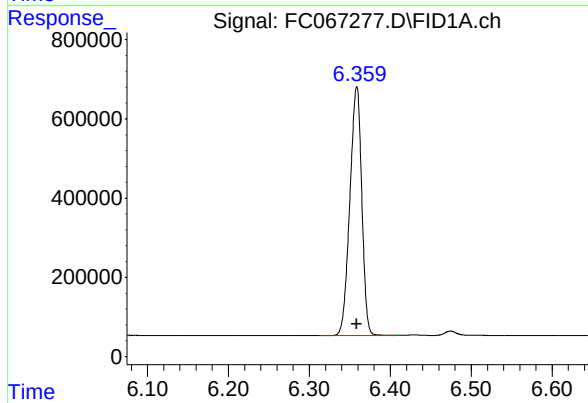
#2 n-Decane (C10)

R.T.: 4.344 min
Delta R.T.: 0.003 min
Response: 6096379
Conc: 45.39 ug/ml



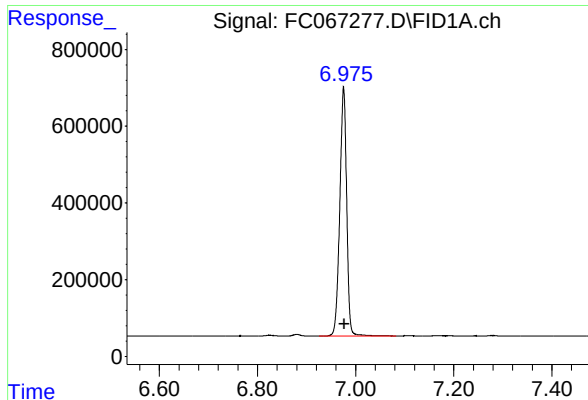
#3 A~Naphthalene (C11.7)

R.T.: 5.920 min
Delta R.T.: -0.001 min
Response: 6742659
Conc: 47.44 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 6428677
Conc: 48.03 ug/ml



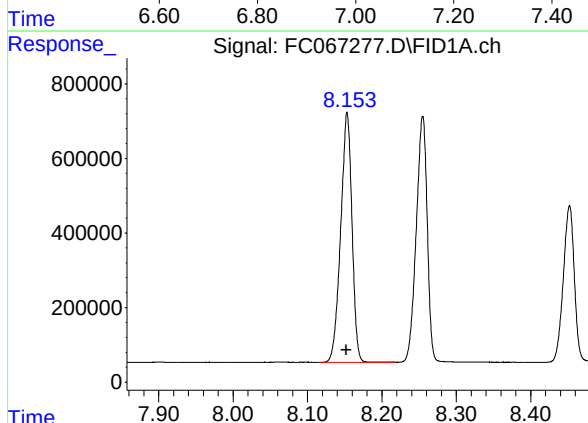
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.975 min
Delta R.T.: -0.002 min
Response: 6314727
Conc: 47.29 ug/ml

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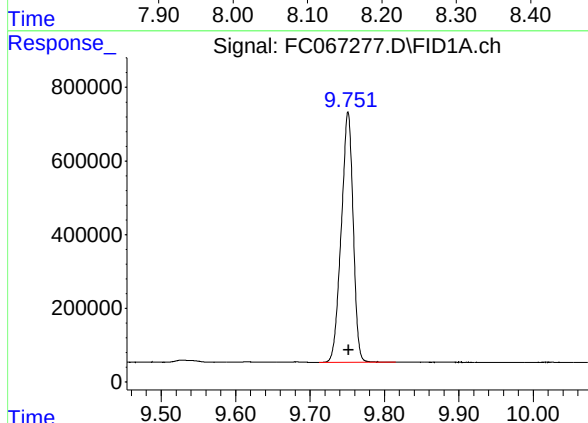
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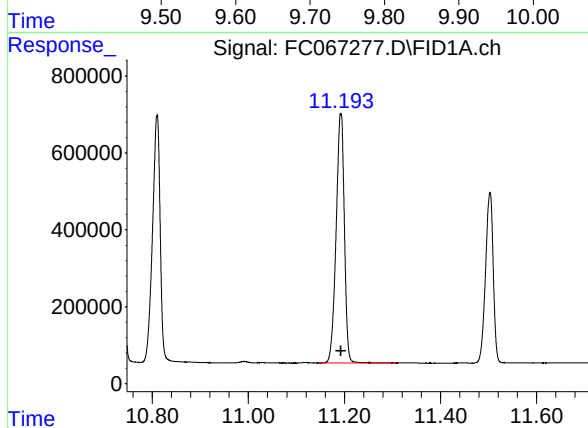
#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.001 min
Response: 7074262
Conc: 54.89 ug/ml



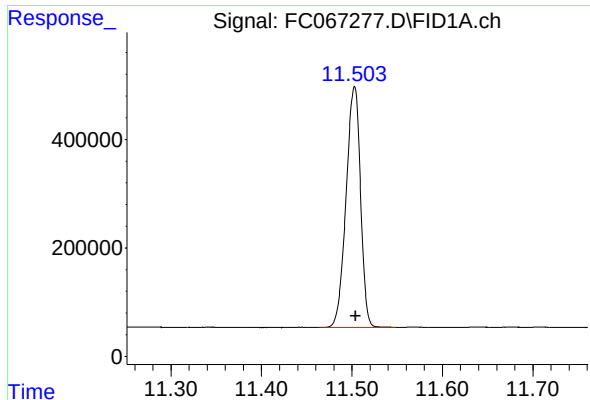
#7 n-Hexadecane (C16)

R.T.: 9.751 min
Delta R.T.: 0.000 min
Response: 7561577
Conc: 58.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.192 min
Delta R.T.: 0.000 min
Response: 7753614
Conc: 60.60 ug/ml



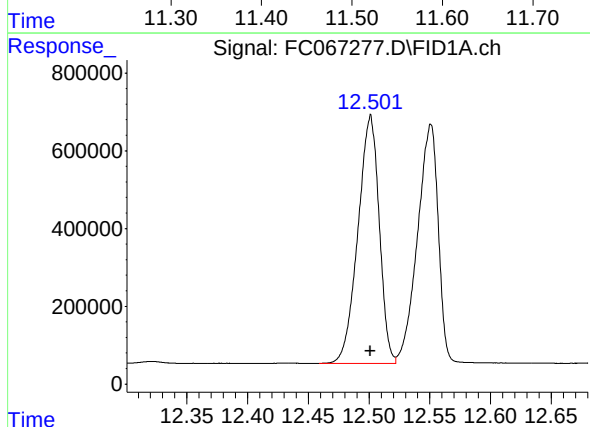
#9 ortho-Terphenyl (SURR)

R.T.: 11.503 min
Delta R.T.: -0.001 min
Response: 4923860
Conc: 35.36 ug/ml

Instrument :
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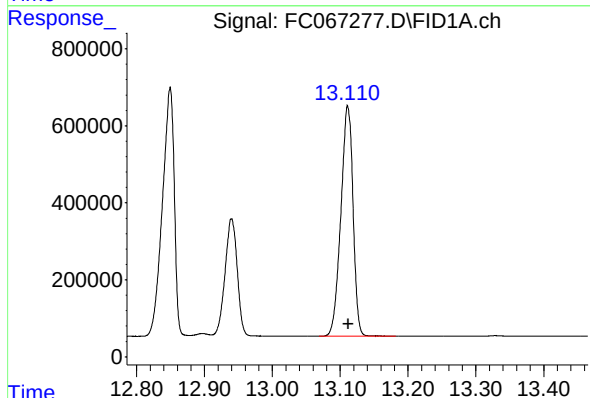
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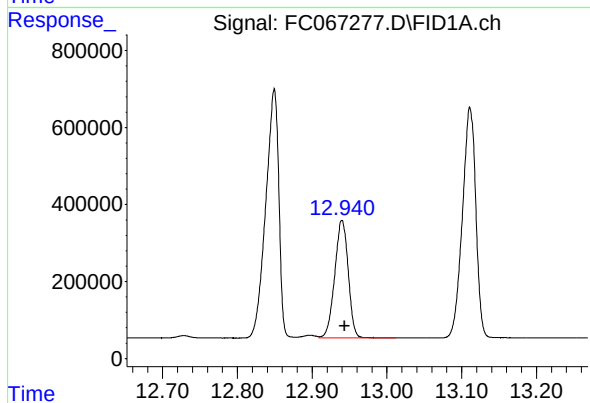
#10 n-Eicosane (C20)

R.T.: 12.501 min
Delta R.T.: 0.000 min
Response: 7769429
Conc: 64.68 ug/ml



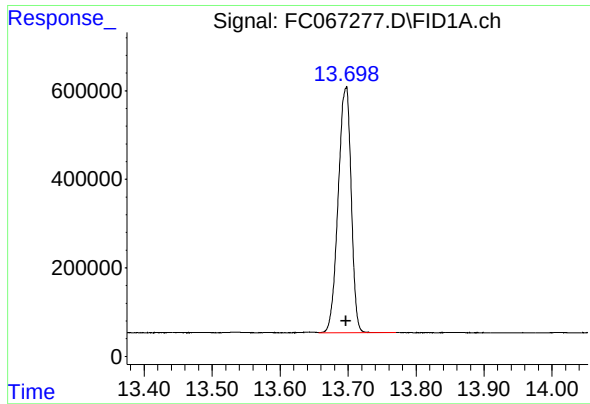
#11 n-Heneicosane (C21)

R.T.: 13.111 min
Delta R.T.: 0.000 min
Response: 7461878
Conc: 63.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.940 min
Delta R.T.: -0.003 min
Response: 3830292
Conc: 39.21 ug/ml



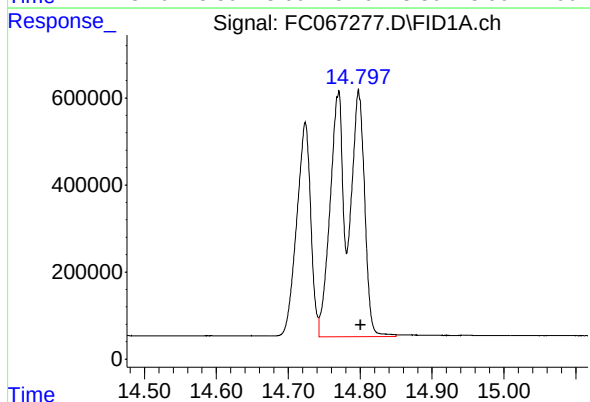
#13 n-Docosane (C22)

R.T.: 13.696 min
Delta R.T.: 0.000 min
Response: 7364484
Conc: 63.78 ug/ml

Instrument :
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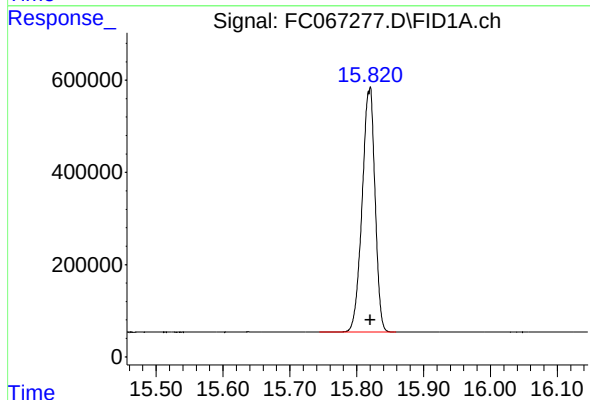
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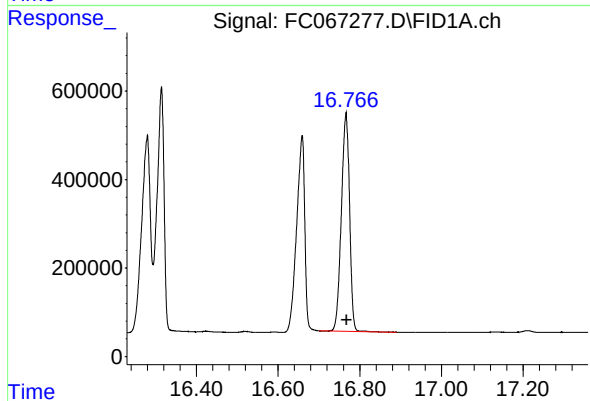
#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: -0.003 min
Response: 14216513
Conc: 125.19 ug/ml m



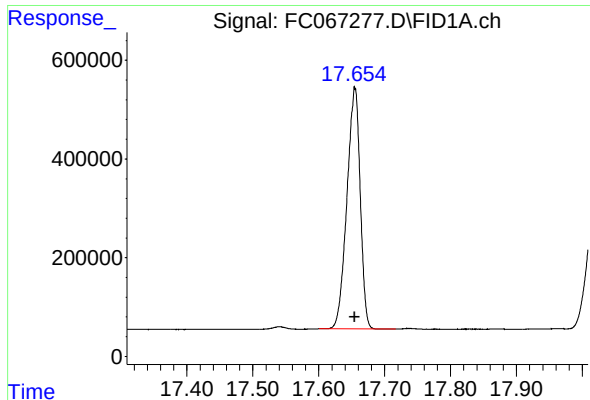
#15 n-Hexacosane (C26)

R.T.: 15.819 min
Delta R.T.: -0.001 min
Response: 7101156
Conc: 64.07 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.766 min
Delta R.T.: -0.002 min
Response: 6886026
Conc: 63.75 ug/ml



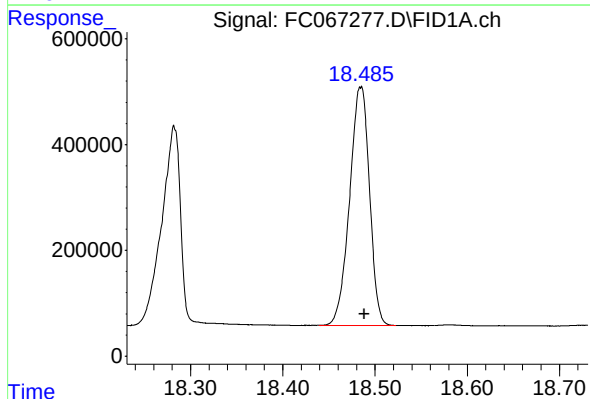
#17 n-Tricontane (C30)

R.T.: 17.655 min
Delta R.T.: 0.000 min
Response: 6859231
Conc: 63.06 ug/ml

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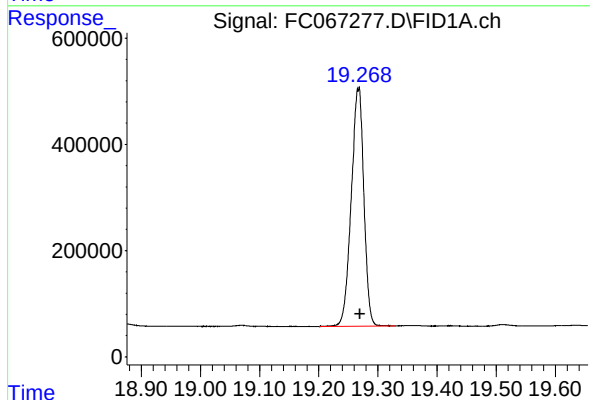
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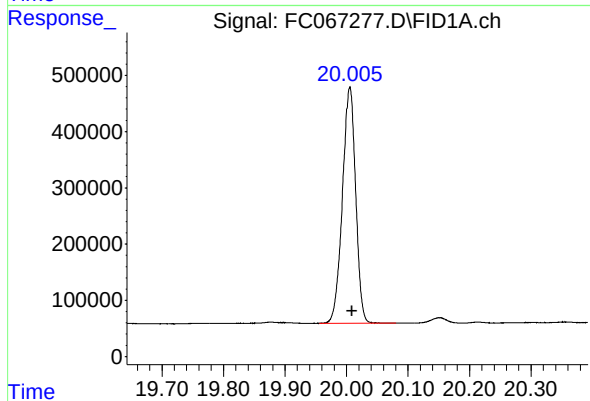
#18 n-Dotriacontane (C32)

R.T.: 18.485 min
Delta R.T.: -0.003 min
Response: 6777521
Conc: 64.98 ug/ml



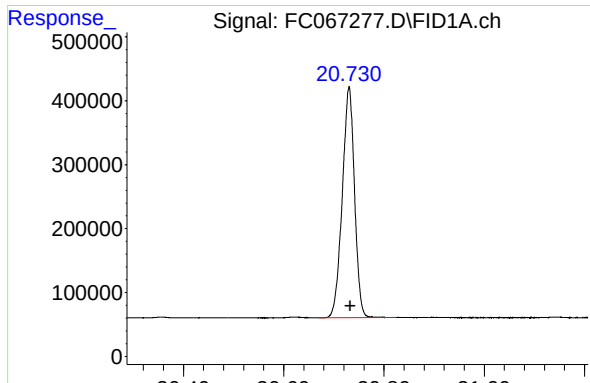
#19 n-Tetatriacontane (C34)

R.T.: 19.267 min
Delta R.T.: -0.003 min
Response: 6644722
Conc: 72.02 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.005 min
Delta R.T.: -0.004 min
Response: 6284266
Conc: 79.30 ug/ml



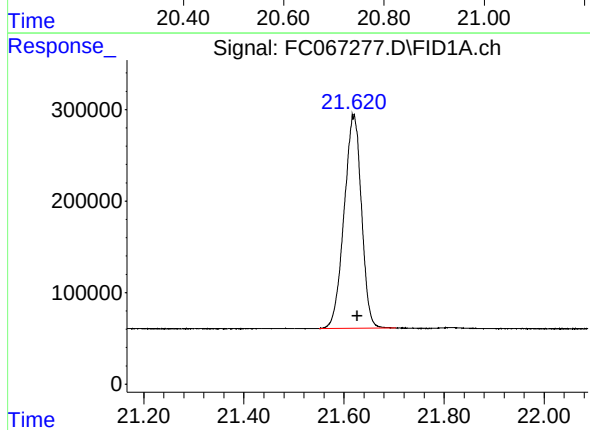
#21 n-Octatriacontane (C38)

R.T.: 20.730 min
Delta R.T.: -0.003 min
Response: 6129798
Conc: 81.60 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.620 min
Delta R.T.: -0.007 min
Response: 5619504
Conc: 80.43 ug/ml m