

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092524AL\
 Data File : FC067263.D
 Signal(s) : FID1A.ch
 Acq On : 25 Sep 2024 17:11
 Operator : YP/AJ
 Sample : P4178-04MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

VNJ231MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/26/2024

Supervised By :Ankita Jodhani 09/26/2024

Integration File: autoint1.e

Quant Time: Sep 26 05:27:45 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)	11.501	3732460	26.805 ug/ml
Spiked Amount 50.000		Recovery =	53.61%
12) S 1-chlorooctadecane (S...	12.940	2867720	29.357 ug/ml
Spiked Amount 50.000		Recovery =	58.71%
Target Compounds			
1) T n-Nonane (C9)	3.282	4967073	37.446 ug/ml
2) T n-Decane (C10)	4.344	5637758	41.976 ug/ml
3) T A~Naphthalene (C11.7)	5.920	6352974	44.700 ug/ml
4) T n-Dodecane (C12)	6.358	6153345	45.970 ug/ml
5) T A~2-methylnaphthalene...	6.976	5974009	44.737 ug/ml
6) T n-Tetradecane (C14)	8.153	6667092	51.733 ug/ml
7) T n-Hexadecane (C16)	9.751	6767926	52.495 ug/ml
8) T n-Octadecane (C18)	11.191	6647871	51.960 ug/ml
10) T n-Eicosane (C20)	12.500	6631448	55.210 ug/ml
11) T n-Heneicosane (C21)	13.110	6287345	53.833 ug/ml
13) T n-Docosane (C22)	13.696	6222383	53.892 ug/ml
14) T n-Tetracosane (C24)	14.767	12166142	107.132 ug/mlm
15) T n-Hexacosane (C26)	15.819	5963893	53.812 ug/ml
16) T n-Octacosane (C28)	16.766	5909370	54.707 ug/ml
17) T n-Tricontane (C30)	17.654	5867713	53.944 ug/ml
18) T n-Dotriacontane (C32)	18.483	5841023	55.999 ug/mlm
19) T n-Tetratriacontane (C34)	19.266	5681037	61.577 ug/ml
20) T n-Hexatriacontane (C36)	20.006	5323455	67.175 ug/ml
21) T n-Octatriacontane (C38)	20.729	5156250	68.644 ug/ml
22) T n-Tetracontane (C40)	21.618	4755373	68.065 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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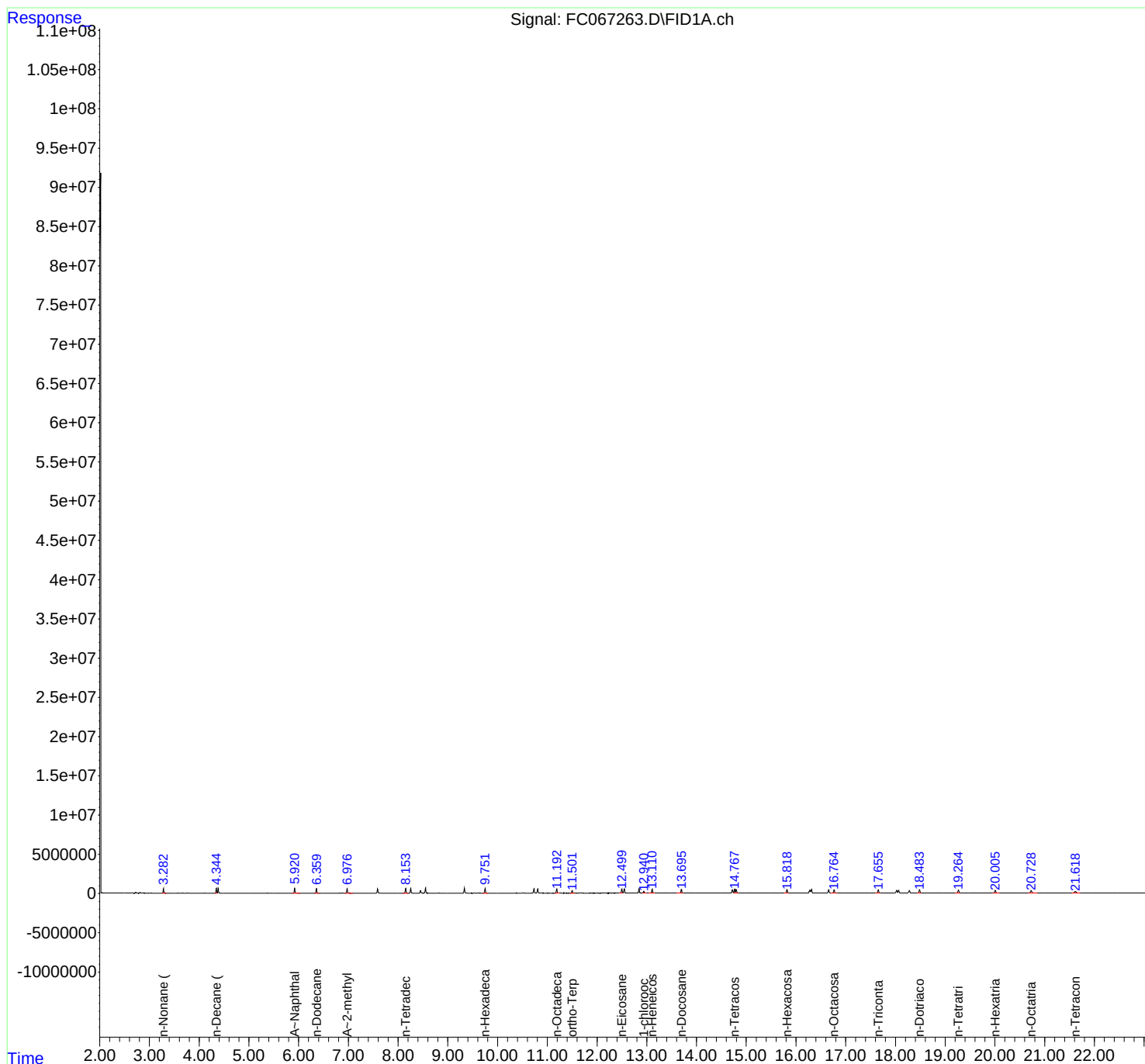
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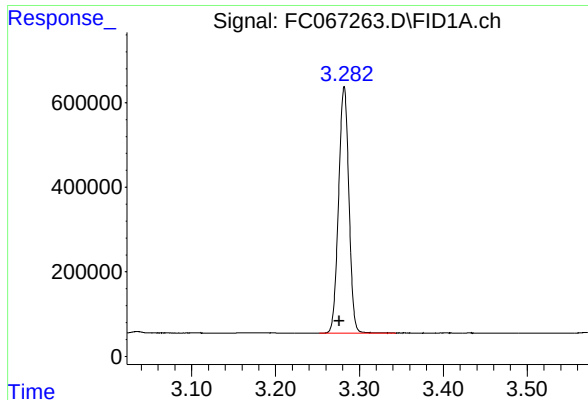
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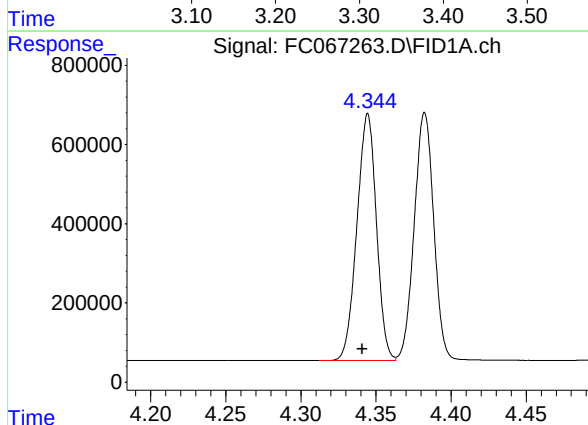
#1 n-Nonane (C9)

R.T.: 3.282 min
Delta R.T.: 0.006 min
Response: 4967073
Conc: 37.45 ug/ml

Instrument :
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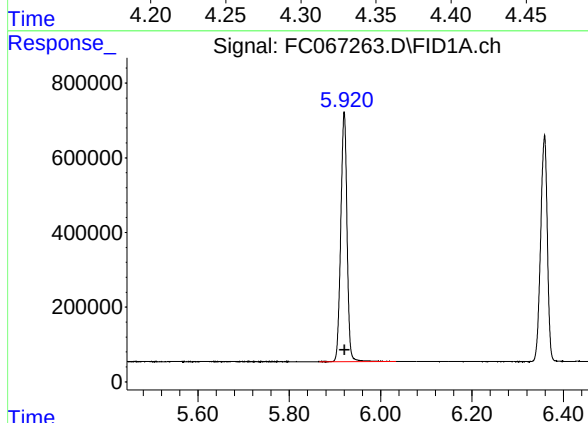
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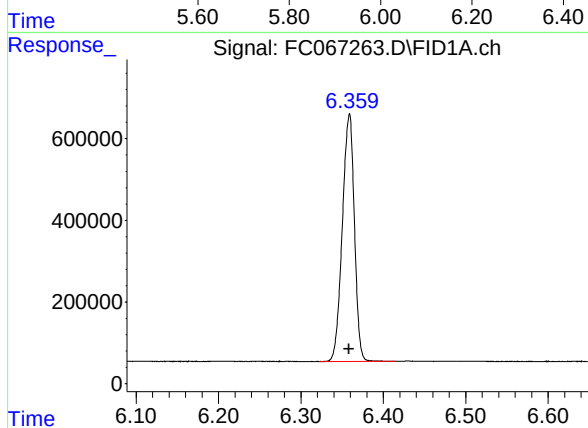
#2 n-Decane (C10)

R.T.: 4.344 min
Delta R.T.: 0.004 min
Response: 5637758
Conc: 41.98 ug/ml



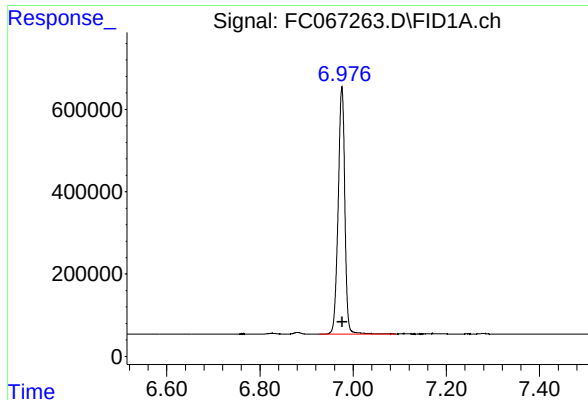
#3 A~Naphthalene (C11.7)

R.T.: 5.920 min
Delta R.T.: -0.001 min
Response: 6352974
Conc: 44.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 6153345
Conc: 45.97 ug/ml



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

R.T.: 6.976 min
Delta R.T.: -0.001 min
Response: 5974009
Conc: 44.74 ug/ml

Instrument :

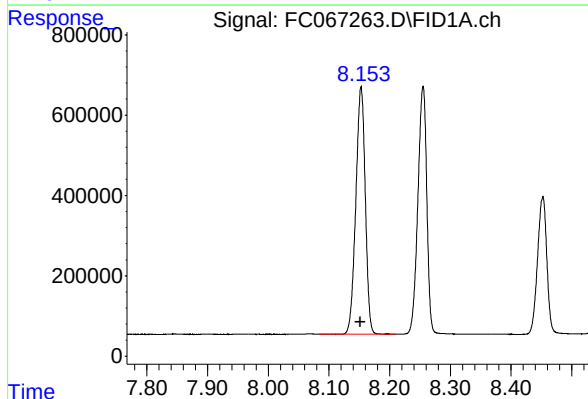
FID_C

ClientSampleId :

VNJ231MS

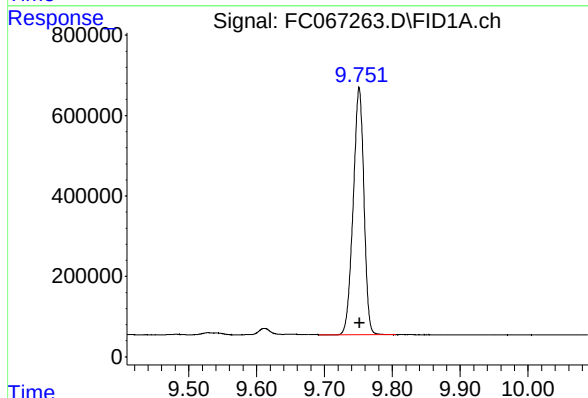
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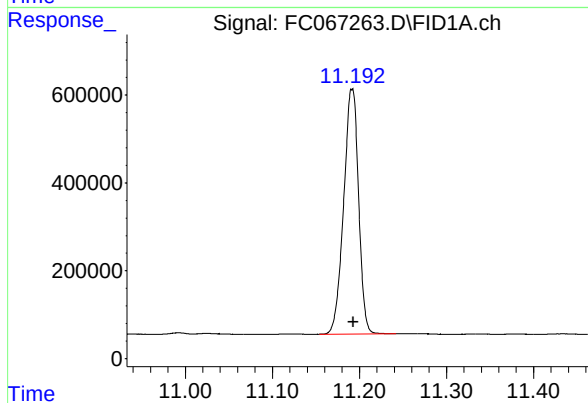
#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 6667092
Conc: 51.73 ug/ml



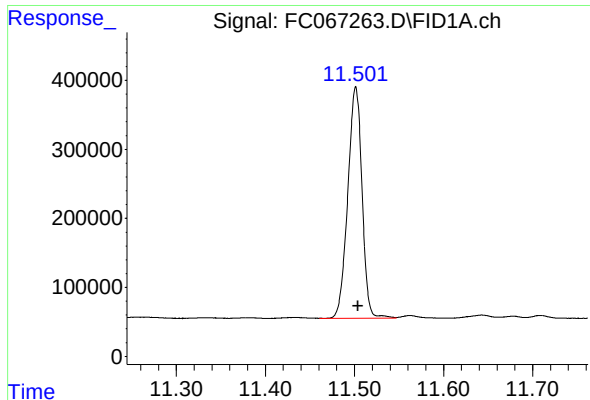
#7 n-Hexadecane (C16)

R.T.: 9.751 min
Delta R.T.: 0.000 min
Response: 6767926
Conc: 52.49 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.191 min
Delta R.T.: -0.001 min
Response: 6647871
Conc: 51.96 ug/ml



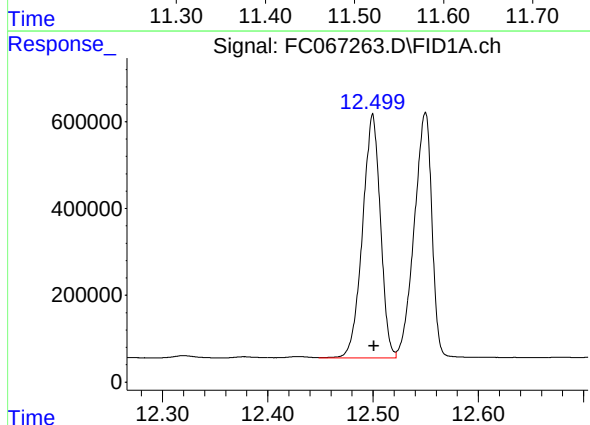
#9 ortho-Terphenyl (SURR)

R.T.: 11.501 min
Delta R.T.: -0.003 min
Response: 3732460
Conc: 26.80 ug/ml

Instrument :
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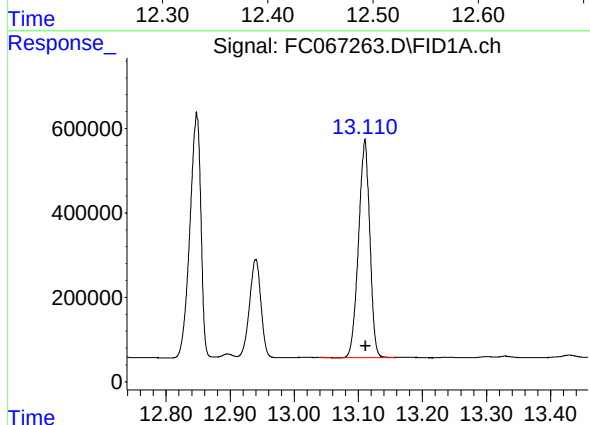
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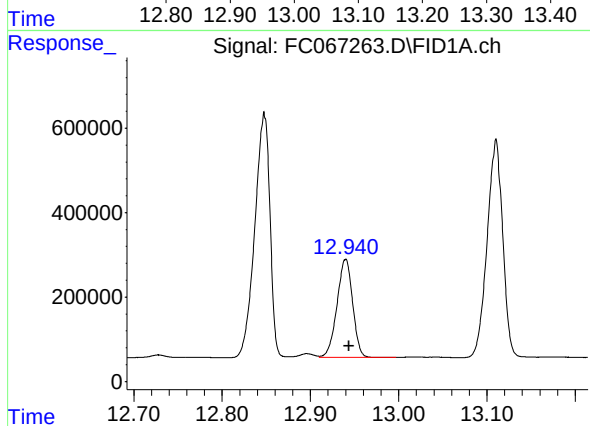
#10 n-Eicosane (C20)

R.T.: 12.500 min
Delta R.T.: -0.001 min
Response: 6631448
Conc: 55.21 ug/ml



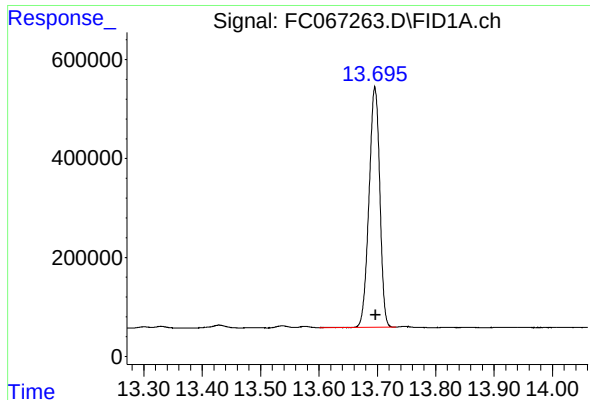
#11 n-Heneicosane (C21)

R.T.: 13.110 min
Delta R.T.: -0.002 min
Response: 6287345
Conc: 53.83 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.940 min
Delta R.T.: -0.004 min
Response: 2867720
Conc: 29.36 ug/ml



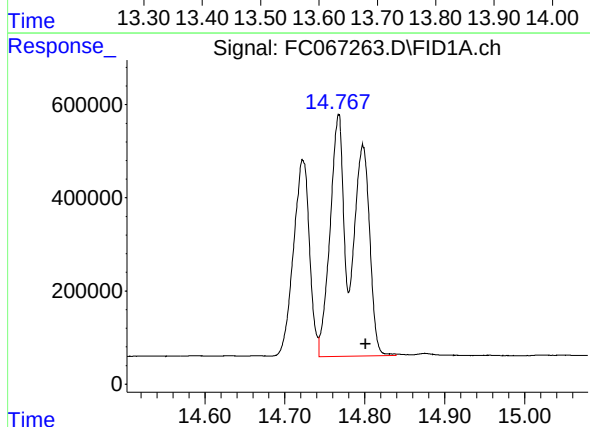
#13 n-Docosane (C22)

R.T.: 13.696 min
Delta R.T.: -0.001 min
Response: 6222383
Conc: 53.89 ug/ml

Instrument :
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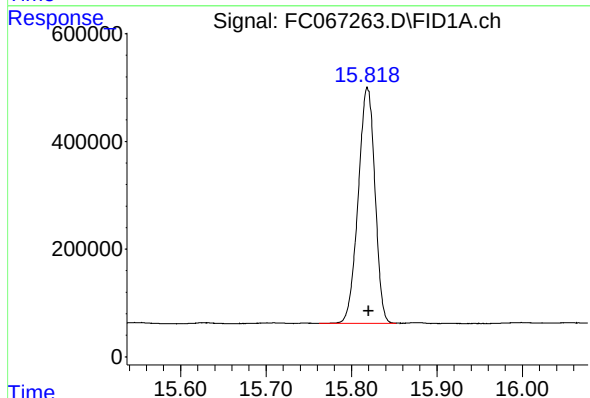
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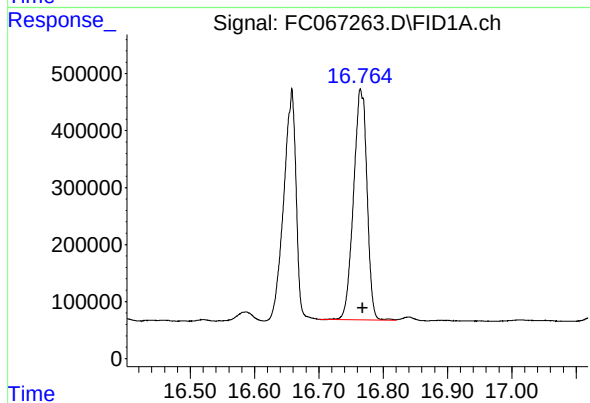
#14 n-Tetracosane (C24)

R.T.: 14.767 min
Delta R.T.: -0.034 min
Response: 12166142
Conc: 107.13 ug/ml m



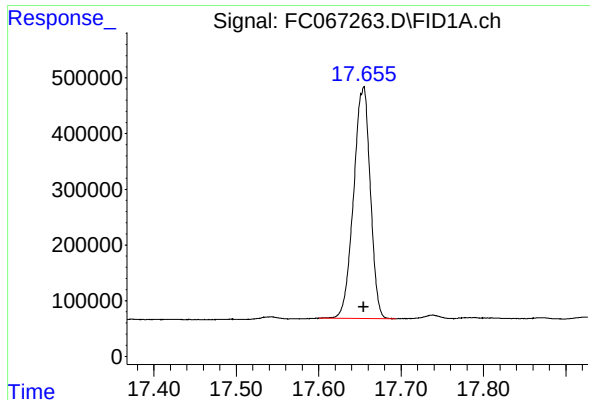
#15 n-Hexacosane (C26)

R.T.: 15.819 min
Delta R.T.: -0.002 min
Response: 5963893
Conc: 53.81 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.766 min
Delta R.T.: -0.002 min
Response: 5909370
Conc: 54.71 ug/ml



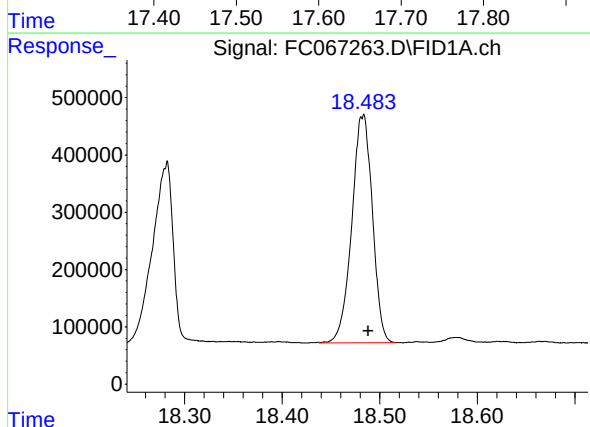
#17 n-Tricontane (C30)

R.T.: 17.654 min
Delta R.T.: 0.000 min
Response: 5867713
Conc: 53.94 ug/ml

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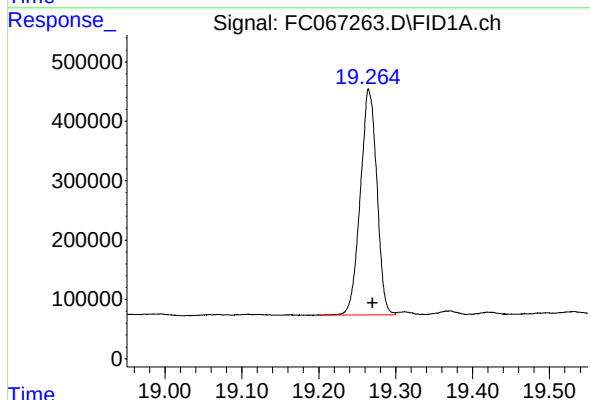
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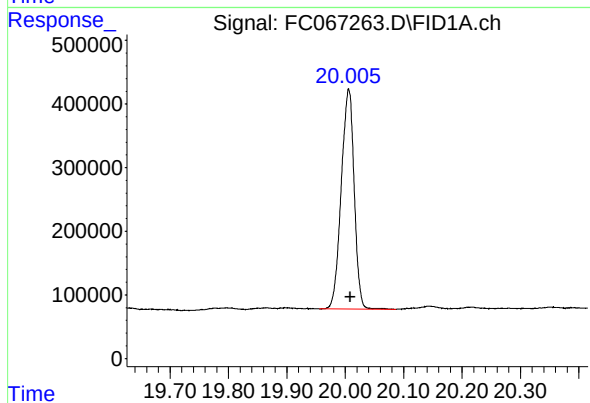
#18 n-Dotriacontane (C32)

R.T.: 18.483 min
Delta R.T.: -0.005 min
Response: 5841023
Conc: 56.00 ug/ml



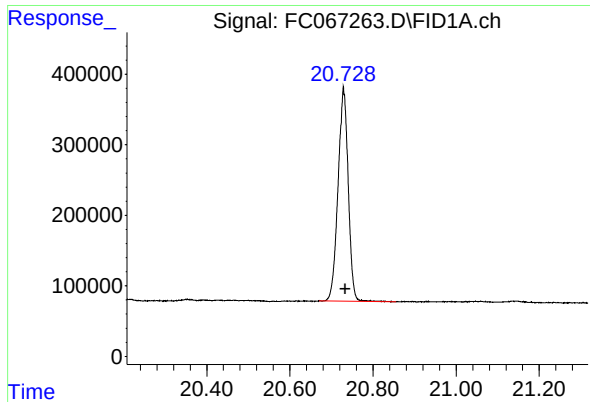
#19 n-Tetatriacontane (C34)

R.T.: 19.266 min
Delta R.T.: -0.004 min
Response: 5681037
Conc: 61.58 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.006 min
Delta R.T.: -0.003 min
Response: 5323455
Conc: 67.17 ug/ml



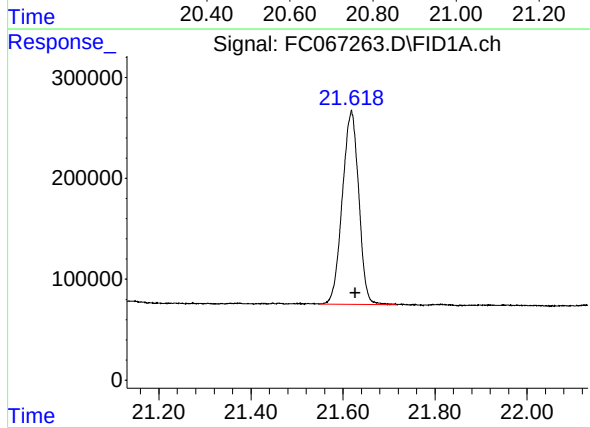
#21 n-Octatriacontane (C38)

R.T.: 20.729 min
Delta R.T.: -0.004 min
Response: 5156250
Conc: 68.64 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.618 min
Delta R.T.: -0.008 min
Response: 4755373
Conc: 68.07 ug/ml m