

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092524AL\
 Data File : FC067264.D
 Signal(s) : FID1A.ch
 Acq On : 25 Sep 2024 17:49
 Operator : YP/AJ
 Sample : P4178-04MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

VNJ231MSD

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 05:27:54 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	3768447	27.063 ug/ml
Spiked Amount 50.000		Recovery =	54.13%
12) S 1-chlorooctadecane (S...	12.940	2900919	29.696 ug/ml
Spiked Amount 50.000		Recovery =	59.39%
Target Compounds			
1) T n-Nonane (C9)	3.282	5010694	37.775 ug/ml
2) T n-Decane (C10)	4.344	5683545	42.317 ug/ml
3) T A~Naphthalene (C11.7)	5.920	6405989	45.073 ug/ml
4) T n-Dodecane (C12)	6.358	6197174	46.297 ug/ml
5) T A~2-methylnaphthalene...	6.976	6035472	45.197 ug/ml
6) T n-Tetradecane (C14)	8.153	6715432	52.108 ug/ml
7) T n-Hexadecane (C16)	9.751	6846562	53.105 ug/ml
8) T n-Octadecane (C18)	11.192	6709408	52.441 ug/ml
10) T n-Eicosane (C20)	12.500	6686613	55.669 ug/ml
11) T n-Heneicosane (C21)	13.111	6358468	54.442 ug/ml
13) T n-Docosane (C22)	13.696	6292982	54.504 ug/ml
14) T n-Tetracosane (C24)	14.767	12344927	108.707 ug/mlm
15) T n-Hexacosane (C26)	15.819	6030226	54.410 ug/ml
16) T n-Octacosane (C28)	16.765	5976814	55.331 ug/ml
17) T n-Tricontane (C30)	17.654	5946160	54.665 ug/ml
18) T n-Dotriacontane (C32)	18.483	5938776	56.936 ug/mlm
19) T n-Tetratriacontane (C34)	19.268	5810230	62.978 ug/ml
20) T n-Hexatriacontane (C36)	20.006	5435572	68.590 ug/ml
21) T n-Octatriacontane (C38)	20.730	5349073	71.211 ug/ml
22) T n-Tetracontane (C40)	21.621	5002162	71.598 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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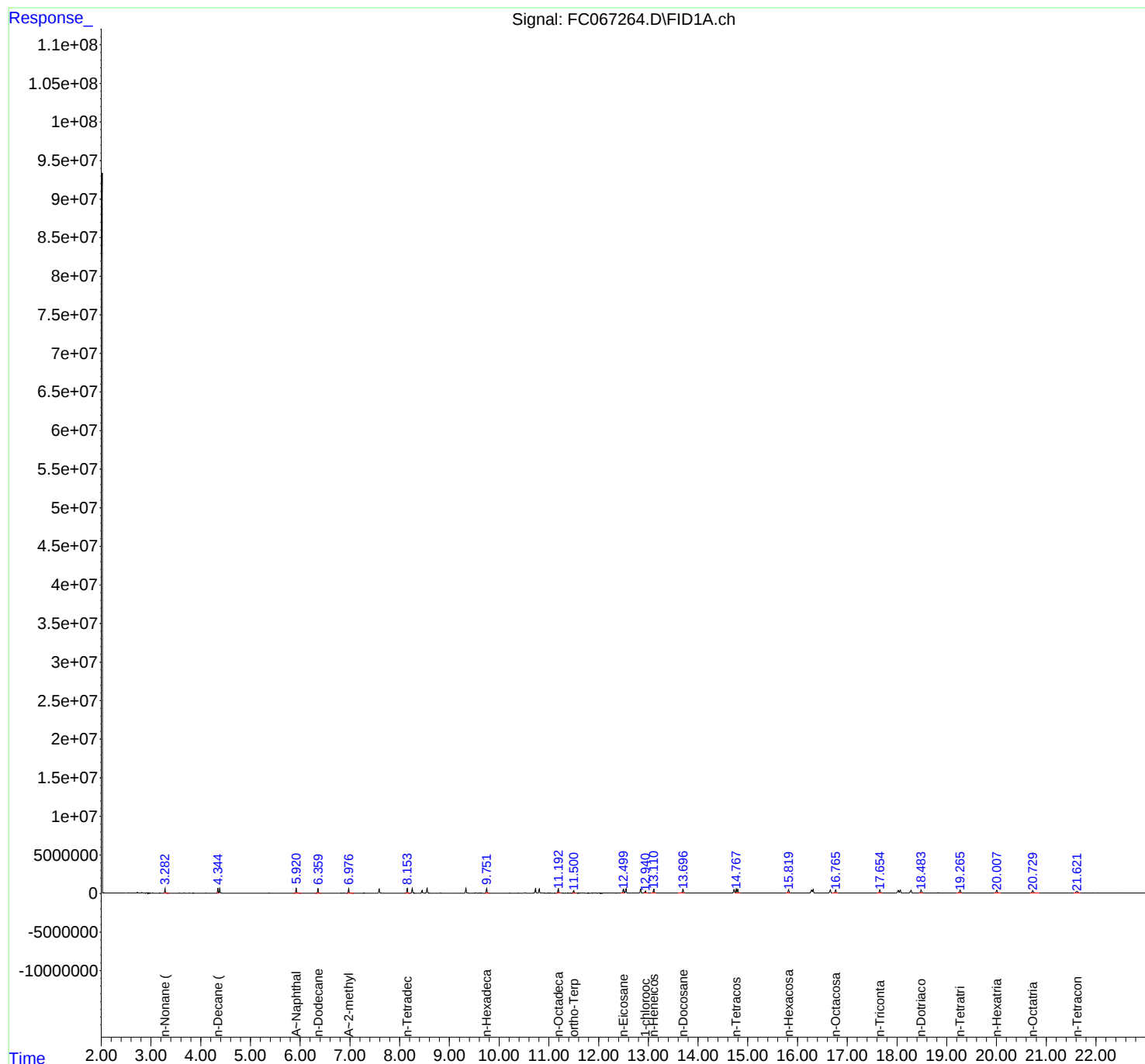
Instrument :
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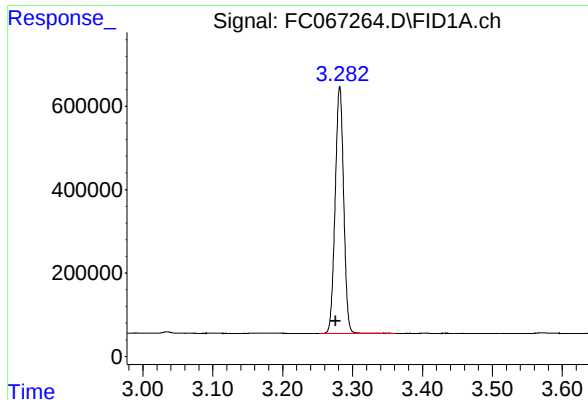
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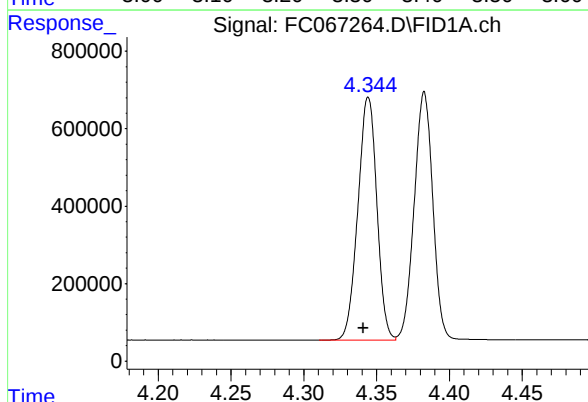
#1 n-Nonane (C9)

R.T.: 3.282 min
Delta R.T.: 0.006 min
Response: 5010694
Conc: 37.77 ug/ml

Instrument :
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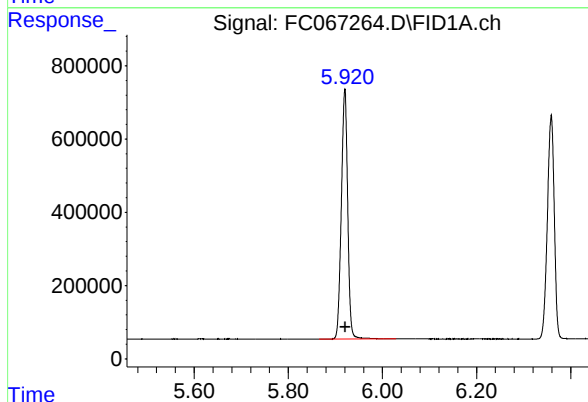
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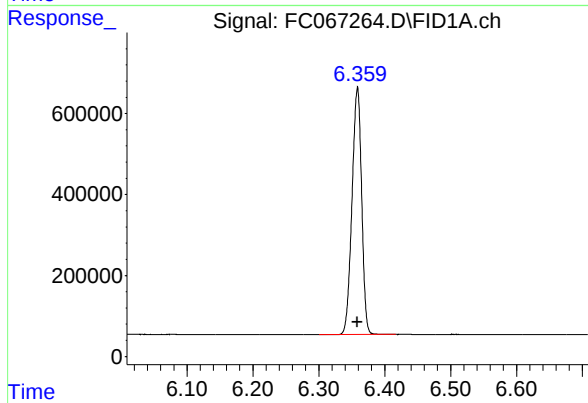
#2 n-Decane (C10)

R.T.: 4.344 min
Delta R.T.: 0.003 min
Response: 5683545
Conc: 42.32 ug/ml



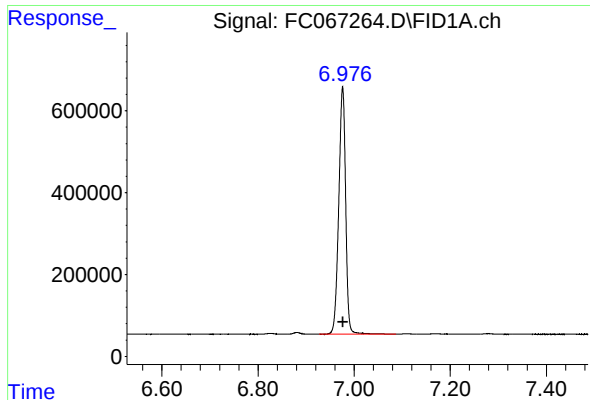
#3 A~Naphthalene (C11.7)

R.T.: 5.920 min
Delta R.T.: -0.001 min
Response: 6405989
Conc: 45.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 6197174
Conc: 46.30 ug/ml



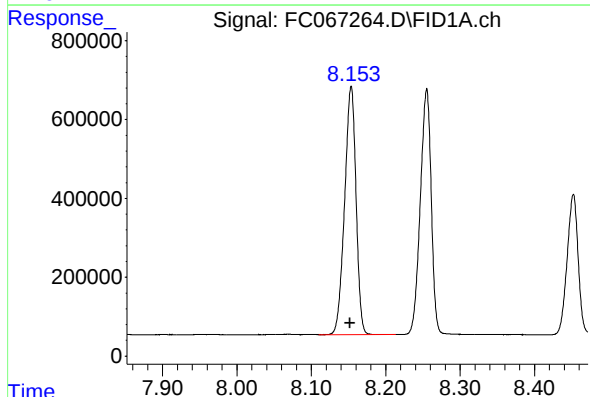
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.976 min
Delta R.T.: -0.001 min
Response: 6035472
Conc: 45.20 ug/ml

Instrument :
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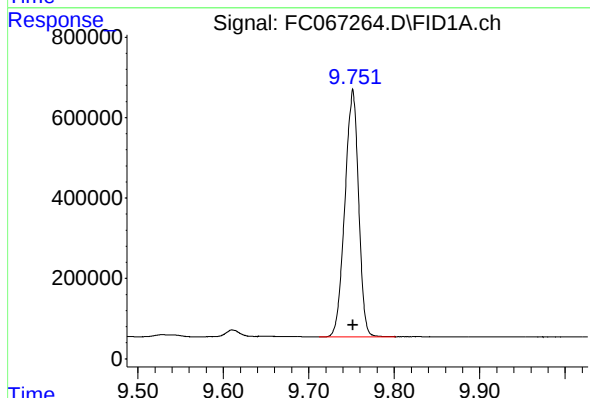
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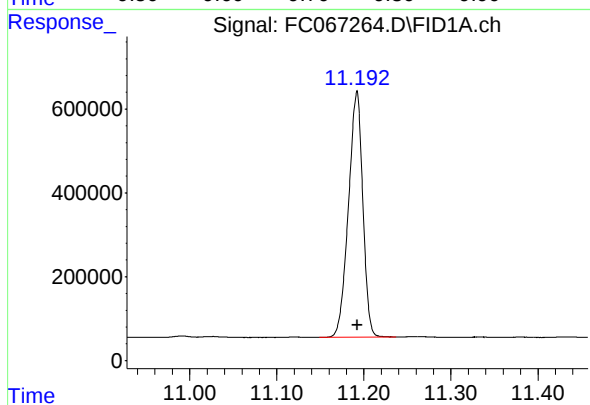
#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.001 min
Response: 6715432
Conc: 52.11 ug/ml



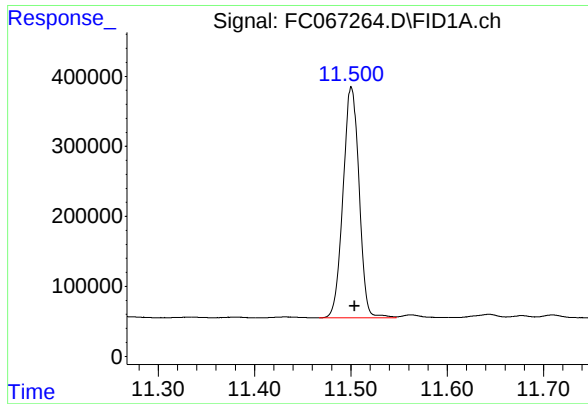
#7 n-Hexadecane (C16)

R.T.: 9.751 min
Delta R.T.: 0.000 min
Response: 6846562
Conc: 53.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.192 min
Delta R.T.: -0.001 min
Response: 6709408
Conc: 52.44 ug/ml



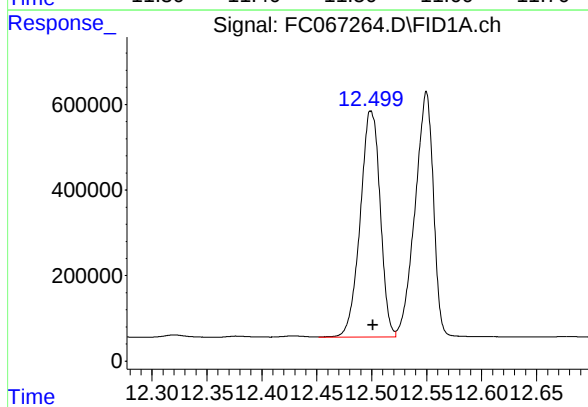
#9 ortho-Terphenyl (SURR)

R.T.: 11.501 min
Delta R.T.: -0.003 min
Response: 3768447
Conc: 27.06 ug/ml

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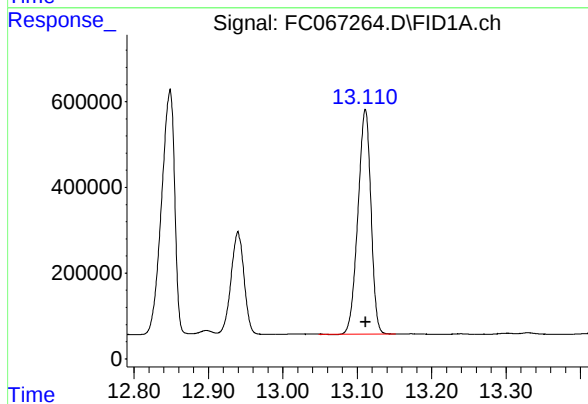
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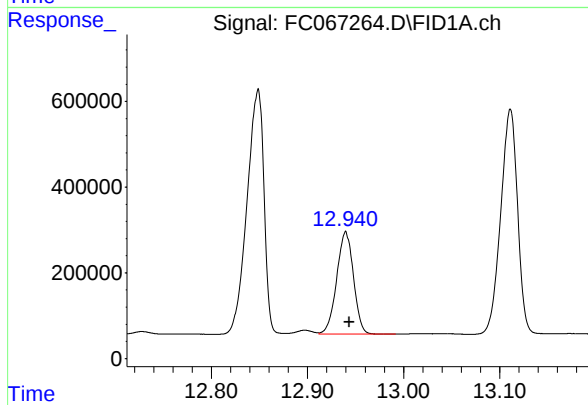
#10 n-Eicosane (C20)

R.T.: 12.500 min
Delta R.T.: -0.001 min
Response: 6686613
Conc: 55.67 ug/ml



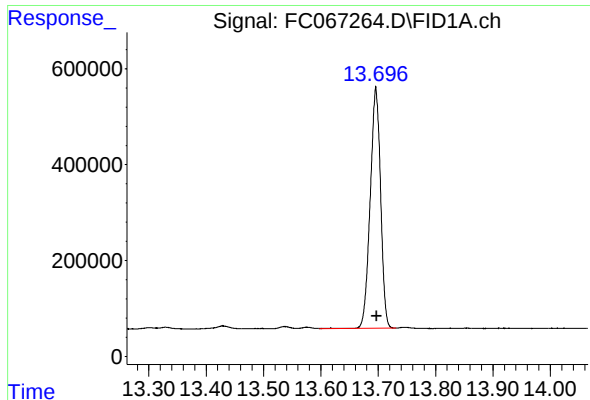
#11 n-Heneicosane (C21)

R.T.: 13.111 min
Delta R.T.: 0.000 min
Response: 6358468
Conc: 54.44 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.940 min
Delta R.T.: -0.004 min
Response: 2900919
Conc: 29.70 ug/ml



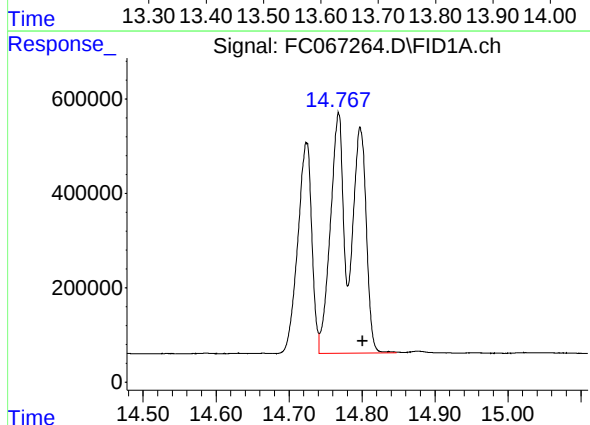
#13 n-Docosane (C22)

R.T.: 13.696 min
Delta R.T.: -0.001 min
Response: 6292982
Conc: 54.50 ug/ml

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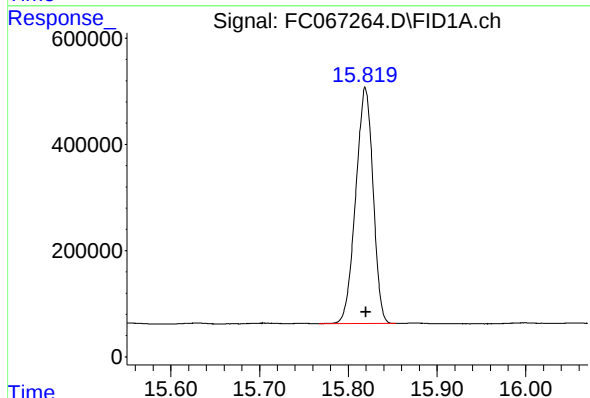
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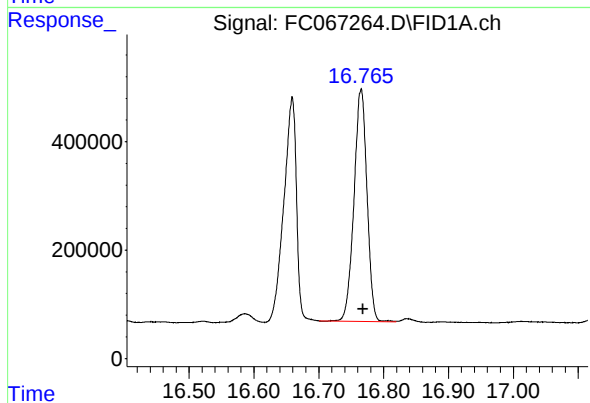
#14 n-Tetracosane (C24)

R.T.: 14.767 min
Delta R.T.: -0.033 min
Response: 12344927
Conc: 108.71 ug/ml m



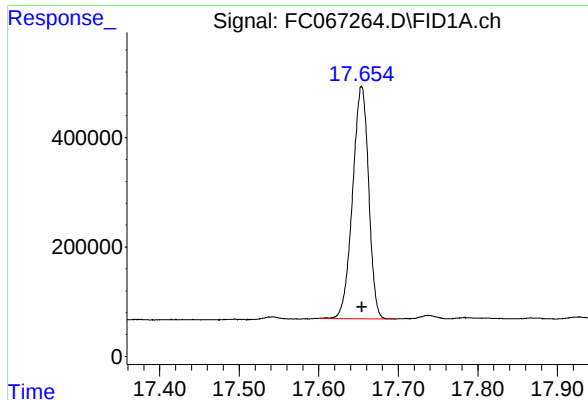
#15 n-Hexacosane (C26)

R.T.: 15.819 min
Delta R.T.: -0.001 min
Response: 6030226
Conc: 54.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.765 min
Delta R.T.: -0.003 min
Response: 5976814
Conc: 55.33 ug/ml



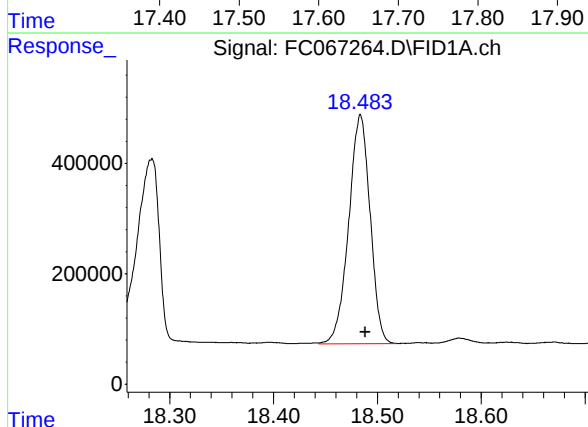
#17 n-Tricontane (C30)

R.T.: 17.654 min
Delta R.T.: 0.000 min
Response: 5946160
Conc: 54.67 ug/ml

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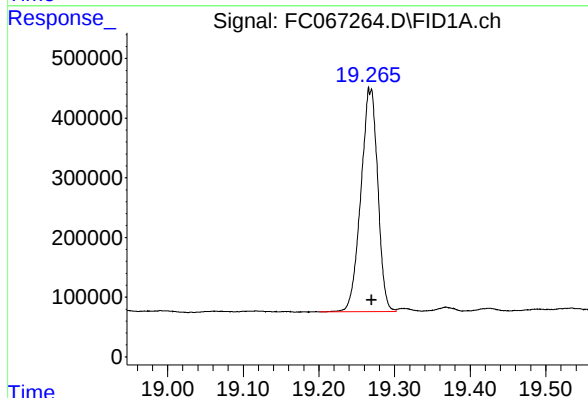
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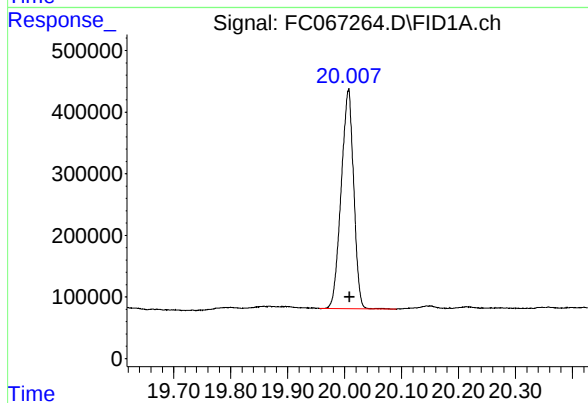
#18 n-Dotriacontane (C32)

R.T.: 18.483 min
Delta R.T.: -0.005 min
Response: 5938776
Conc: 56.94 ug/ml



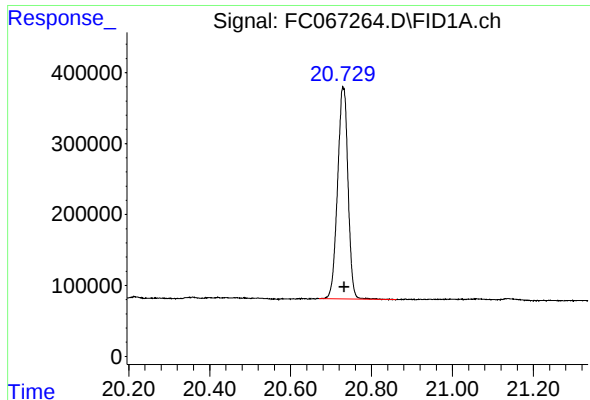
#19 n-Tetatriacontane (C34)

R.T.: 19.268 min
Delta R.T.: -0.002 min
Response: 5810230
Conc: 62.98 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.006 min
Delta R.T.: -0.003 min
Response: 5435572
Conc: 68.59 ug/ml



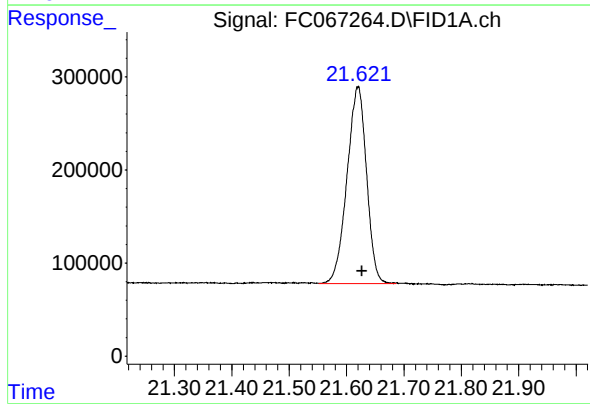
#21 n-Octatriacontane (C38)

R.T.: 20.730 min
Delta R.T.: -0.003 min
Response: 5349073
Conc: 71.21 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.621 min
Delta R.T.: -0.006 min
Response: 5002162
Conc: 71.60 ug/ml m