

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022724AL\
 Data File : FC065901.D
 Signal(s) : FID1A.ch
 Acq On : 27 Feb 2024 22:00
 Operator : YP/AJ
 Sample : P1539-08MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/28/2024
 Supervised By :Ankita Jodhani 02/28/2024

Integration File: autoint1.e
 Quant Time: Feb 28 01:11:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:26:08 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	6509893	51.728 ug/ml
Spiked Amount 50.000		Recovery =	103.46%
Target Compounds			
1) T n-Nonane (C9)	3.289	7414884	49.355 ug/ml
2) T n-Decane (C10)	4.352	8556983	56.280 ug/ml
4) T n-Dodecane (C12)	6.366	9606532	62.767 ug/ml
6) T n-Tetradecane (C14)	8.156	9754558	65.702 ug/ml
7) T n-Hexadecane (C16)	9.750	9925393	66.185 ug/ml
8) T n-Octadecane (C18)	11.186	10189682	66.058 ug/ml
10) T n-Eicosane (C20)	12.489	10212078	67.909 ug/ml
11) T n-Heneicosane (C21)	13.098	9960642	66.601 ug/ml
13) T n-Docosane (C22)	13.681	9860818	66.479 ug/ml
14) T n-Tetracosane (C24)	14.779	9768067	65.697 ug/ml
15) T n-Hexacosane (C26)	15.793	9677608	65.306 ug/ml
16) T n-Octacosane (C28)	16.739	9625964	65.603 ug/ml
17) T n-Tricontane (C30)	17.621	9687329	64.532 ug/ml
18) T n-Dotriacontane (C32)	18.448	9518659	64.365 ug/ml
19) T n-Tetratriacontane (C34)	19.228	9116906	62.901 ug/ml
20) T n-Hexatriacontane (C36)	19.963	8513198	59.976 ug/ml
21) T n-Octatriacontane (C38)	20.678	8169597	57.715 ug/mlm
22) T n-Tetracontane (C40)	21.553	7881941	56.507 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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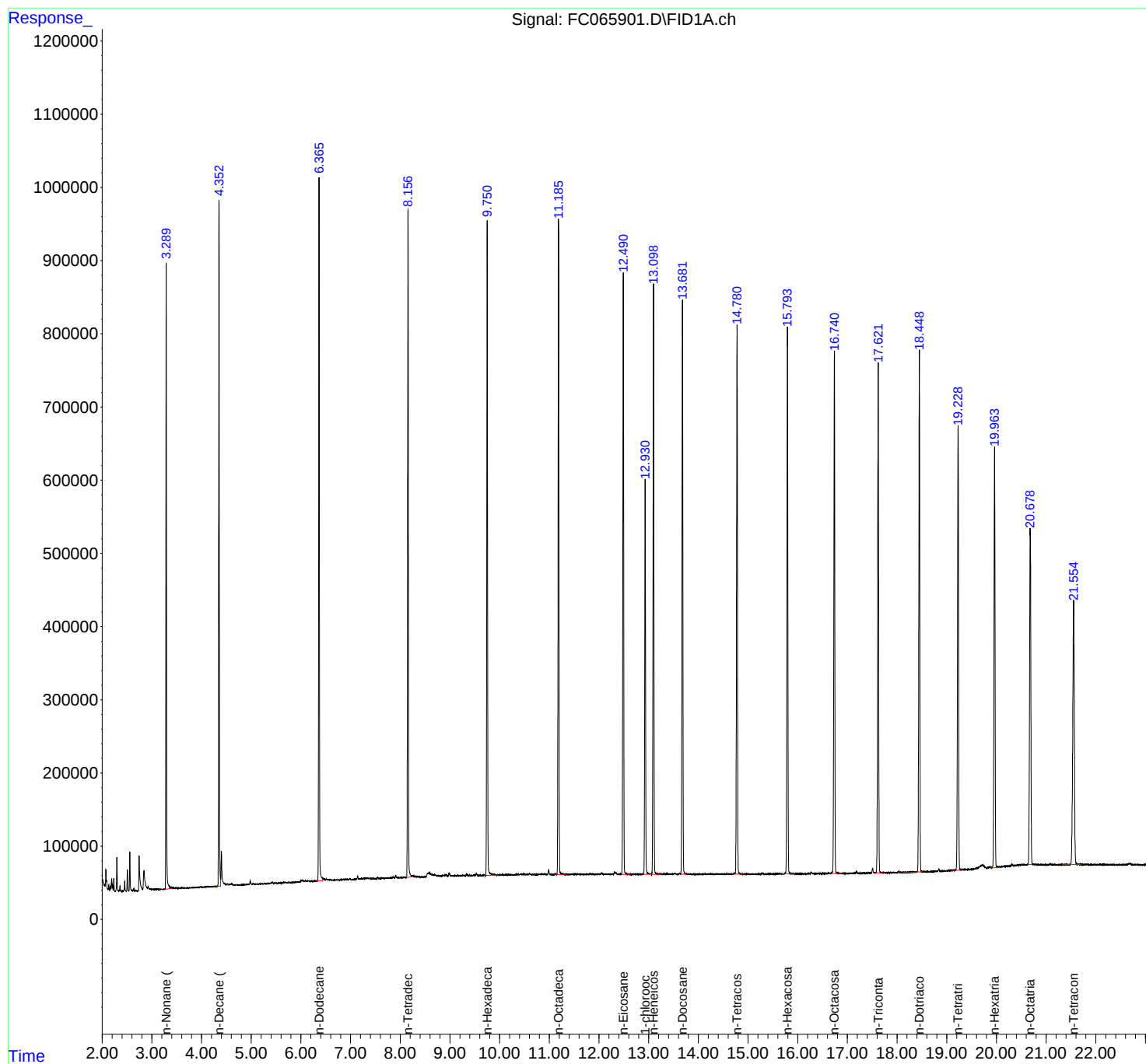
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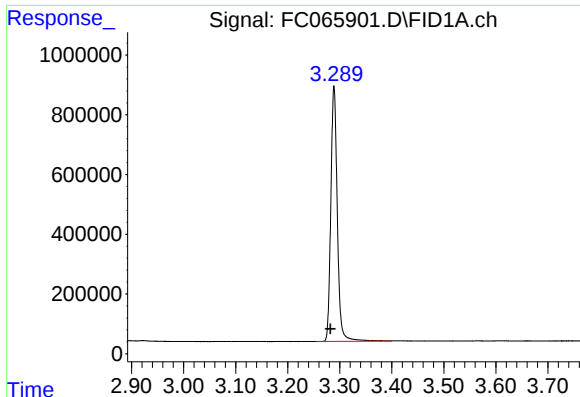
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#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: 0.007 min
Response: 7414884
Conc: 49.36 ug/ml

Instrument :

FID_C

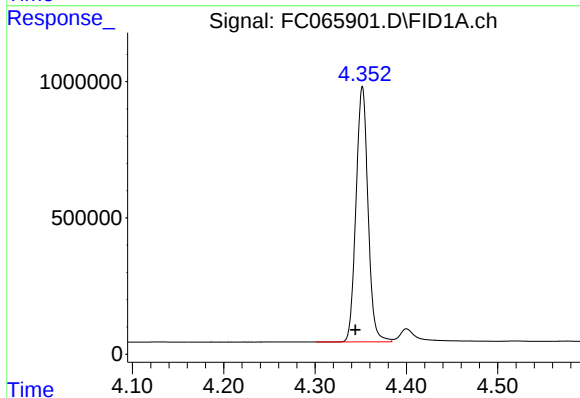
ClientSampleId :

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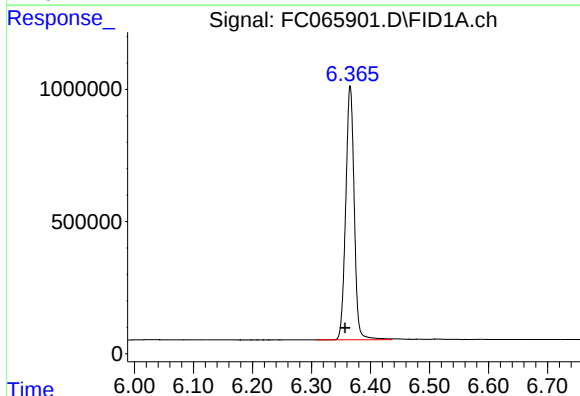
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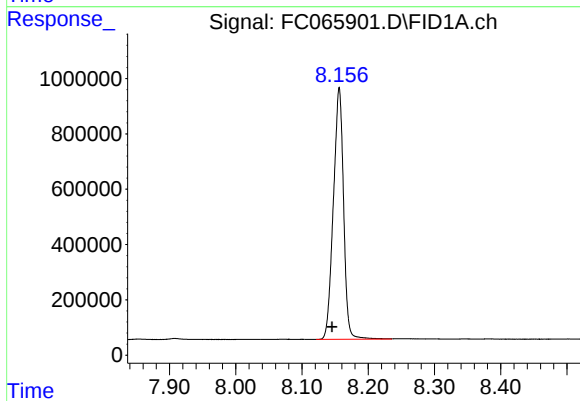
#2 n-Decane (C10)

R.T.: 4.352 min
Delta R.T.: 0.008 min
Response: 8556983
Conc: 56.28 ug/ml



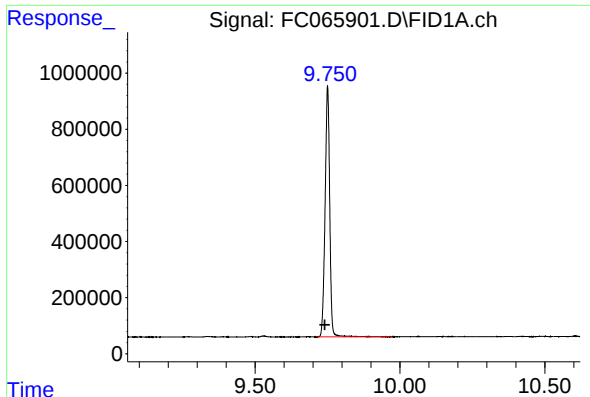
#4 n-Dodecane (C12)

R.T.: 6.366 min
Delta R.T.: 0.009 min
Response: 9606532
Conc: 62.77 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.156 min
Delta R.T.: 0.011 min
Response: 9754558
Conc: 65.70 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.750 min
Delta R.T.: 0.010 min
Response: 9925393
Conc: 66.18 ug/ml

Instrument :

FID_C

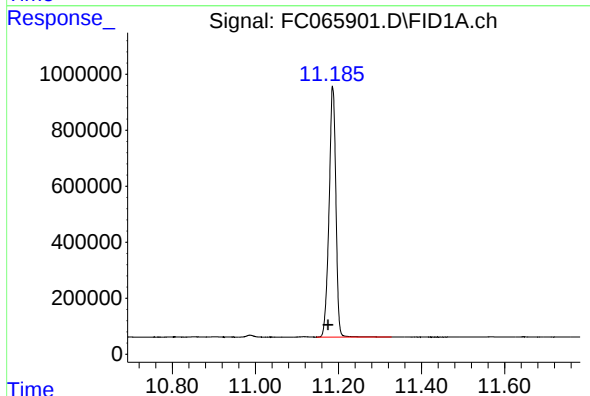
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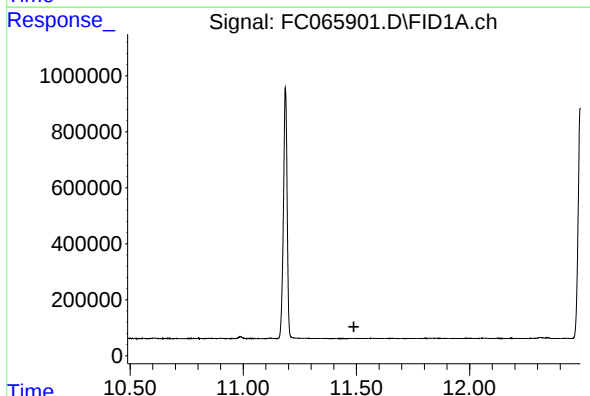
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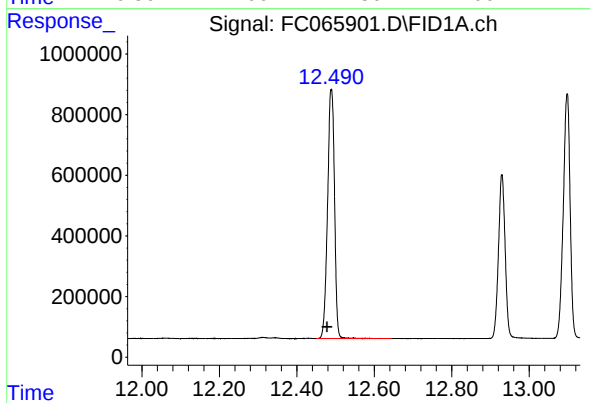
#8 n-Octadecane (C18)

R.T.: 11.186 min
Delta R.T.: 0.012 min
Response: 10189682
Conc: 66.06 ug/ml



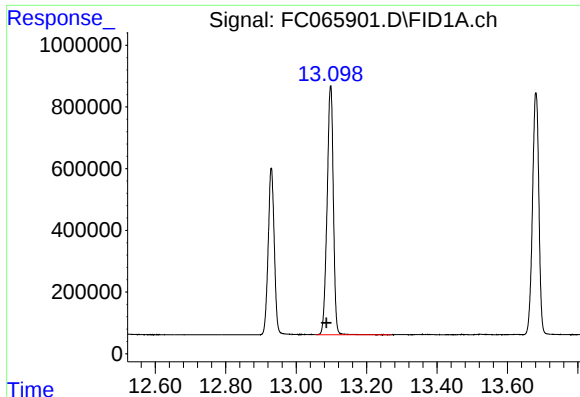
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.489 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.489 min
Delta R.T.: 0.011 min
Response: 10212078
Conc: 67.91 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.098 min
Delta R.T.: 0.011 min
Response: 9960642
Conc: 66.60 ug/ml

Instrument :

FID_C

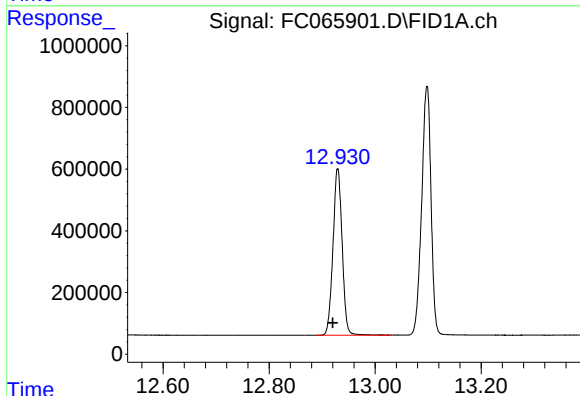
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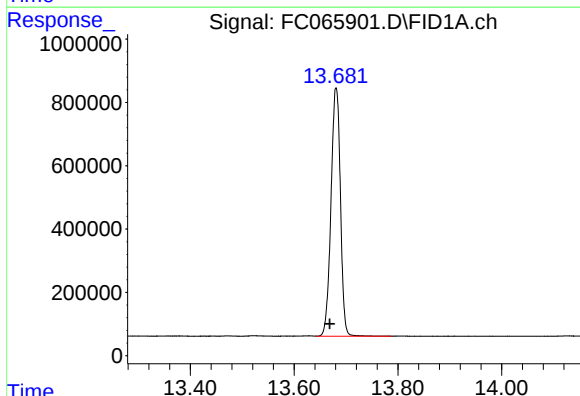
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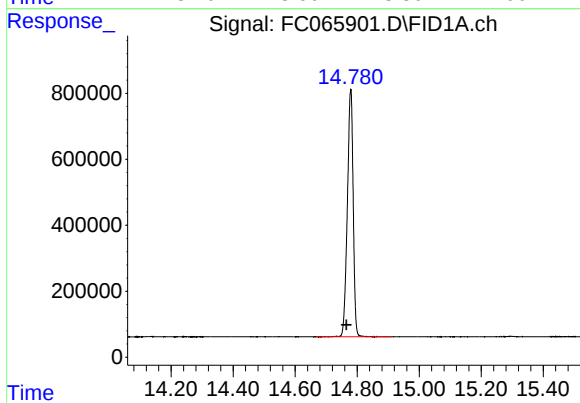
#12 1-chlorooctadecane (SURR)

R.T.: 12.930 min
Delta R.T.: 0.009 min
Response: 6509893
Conc: 51.73 ug/ml



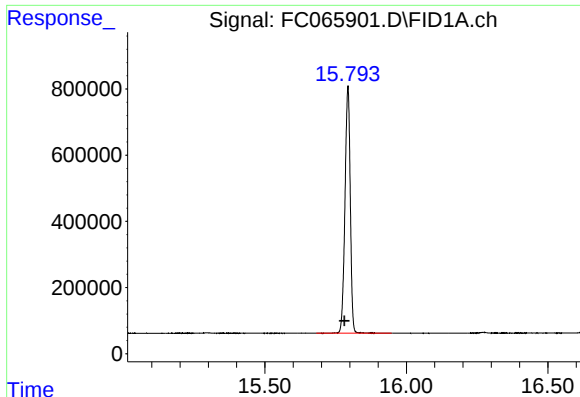
#13 n-Docosane (C22)

R.T.: 13.681 min
Delta R.T.: 0.012 min
Response: 9860818
Conc: 66.48 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.779 min
Delta R.T.: 0.013 min
Response: 9768067
Conc: 65.70 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.793 min
Delta R.T.: 0.012 min
Response: 9677608
Conc: 65.31 ug/ml

Instrument :

FID_C

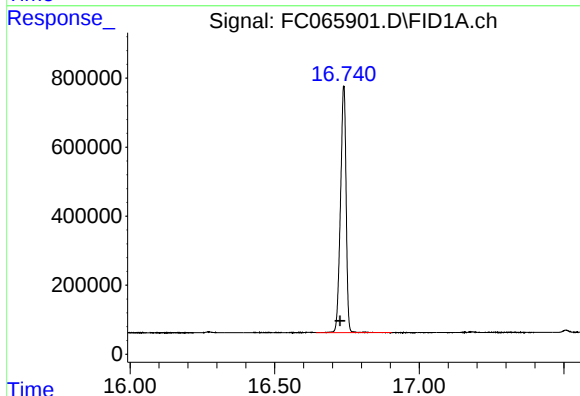
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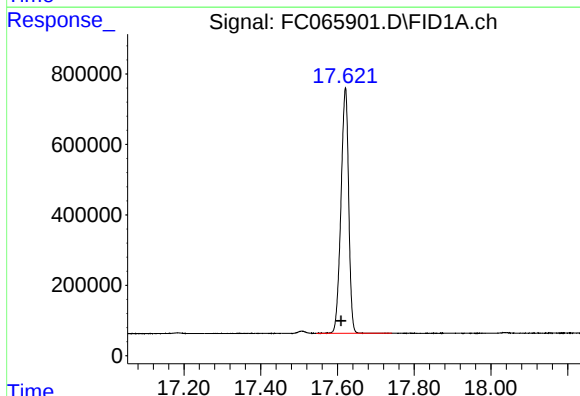
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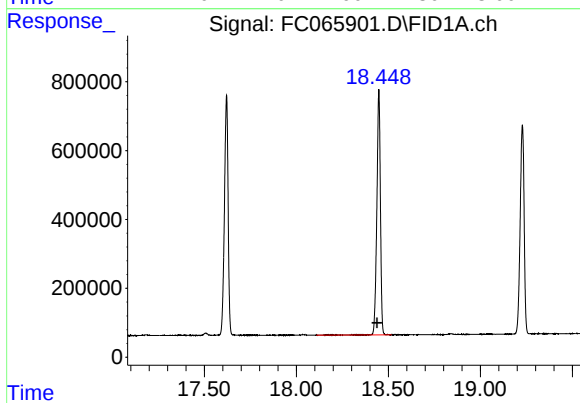
#16 n-Octacosane (C28)

R.T.: 16.739 min
Delta R.T.: 0.013 min
Response: 9625964
Conc: 65.60 ug/ml



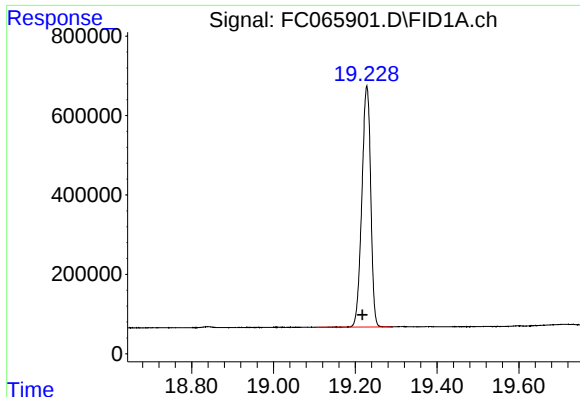
#17 n-Tricontane (C30)

R.T.: 17.621 min
Delta R.T.: 0.011 min
Response: 9687329
Conc: 64.53 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.448 min
Delta R.T.: 0.010 min
Response: 9518659
Conc: 64.37 ug/ml



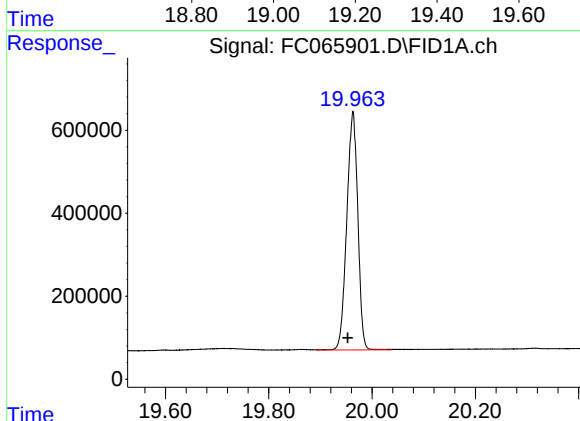
#19 n-Tetratriacontane (C34)

R.T.: 19.228 min
Delta R.T.: 0.011 min
Response: 9116906
Conc: 62.90 ug/ml

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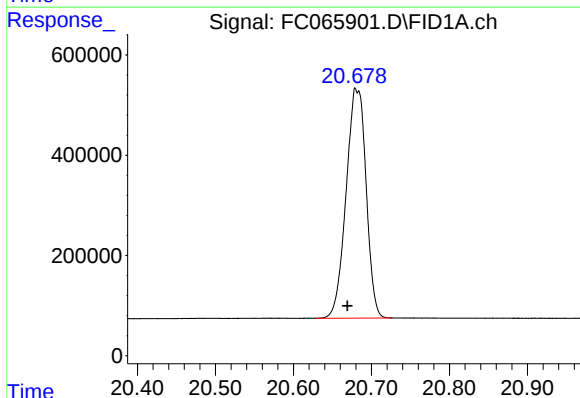
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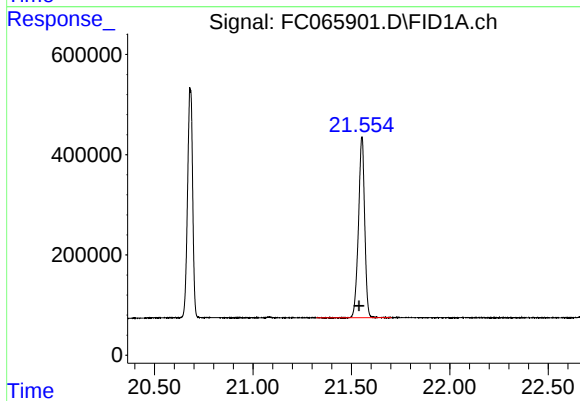
#20 n-Hexatriacontane (C36)

R.T.: 19.963 min
Delta R.T.: 0.010 min
Response: 8513198
Conc: 59.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.678 min
Delta R.T.: 0.009 min
Response: 8169597
Conc: 57.72 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.553 min
Delta R.T.: 0.015 min
Response: 7881941
Conc: 56.51 ug/ml