

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022724AL\
 Data File : FC065893.D
 Signal(s) : FID1A.ch
 Acq On : 27 Feb 2024 16:48
 Operator : YP/AJ
 Sample : P1524-10MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20240768-AMENDED-COMP-39N-N-3-03MSD

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 01:09:19 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...	12.931	5426196	43.117 ug/ml
Spiked Amount 50.000		Recovery =	86.23%
Target Compounds			
1) T n-Nonane (C9)	3.289	6570790	43.737 ug/ml
2) T n-Decane (C10)	4.352	7629240	50.178 ug/ml
4) T n-Dodecane (C12)	6.366	8298088	54.218 ug/ml
6) T n-Tetradecane (C14)	8.156	8484535	57.148 ug/ml
7) T n-Hexadecane (C16)	9.751	8778983	58.540 ug/ml
8) T n-Octadecane (C18)	11.187	9159611	59.381 ug/ml
10) T n-Eicosane (C20)	12.491	9379813	62.374 ug/ml
11) T n-Heneicosane (C21)	13.098	9169548	61.311 ug/ml
13) T n-Docosane (C22)	13.681	9113261	61.440 ug/ml
14) T n-Tetracosane (C24)	14.778	8993790	60.489 ug/ml
15) T n-Hexacosane (C26)	15.793	8886514	59.967 ug/ml
16) T n-Octacosane (C28)	16.740	8786961	59.885 ug/ml
17) T n-Tricontane (C30)	17.621	8884356	59.183 ug/ml
18) T n-Dotriacontane (C32)	18.450	8749470	59.164 ug/ml
19) T n-Tetratriacontane (C34)	19.230	8392459	57.902 ug/ml
20) T n-Hexatriacontane (C36)	19.965	7857607	55.357 ug/ml
21) T n-Octatriacontane (C38)	20.680	7567425	53.461 ug/mlm
22) T n-Tetracontane (C40)	21.556	7297994	52.320 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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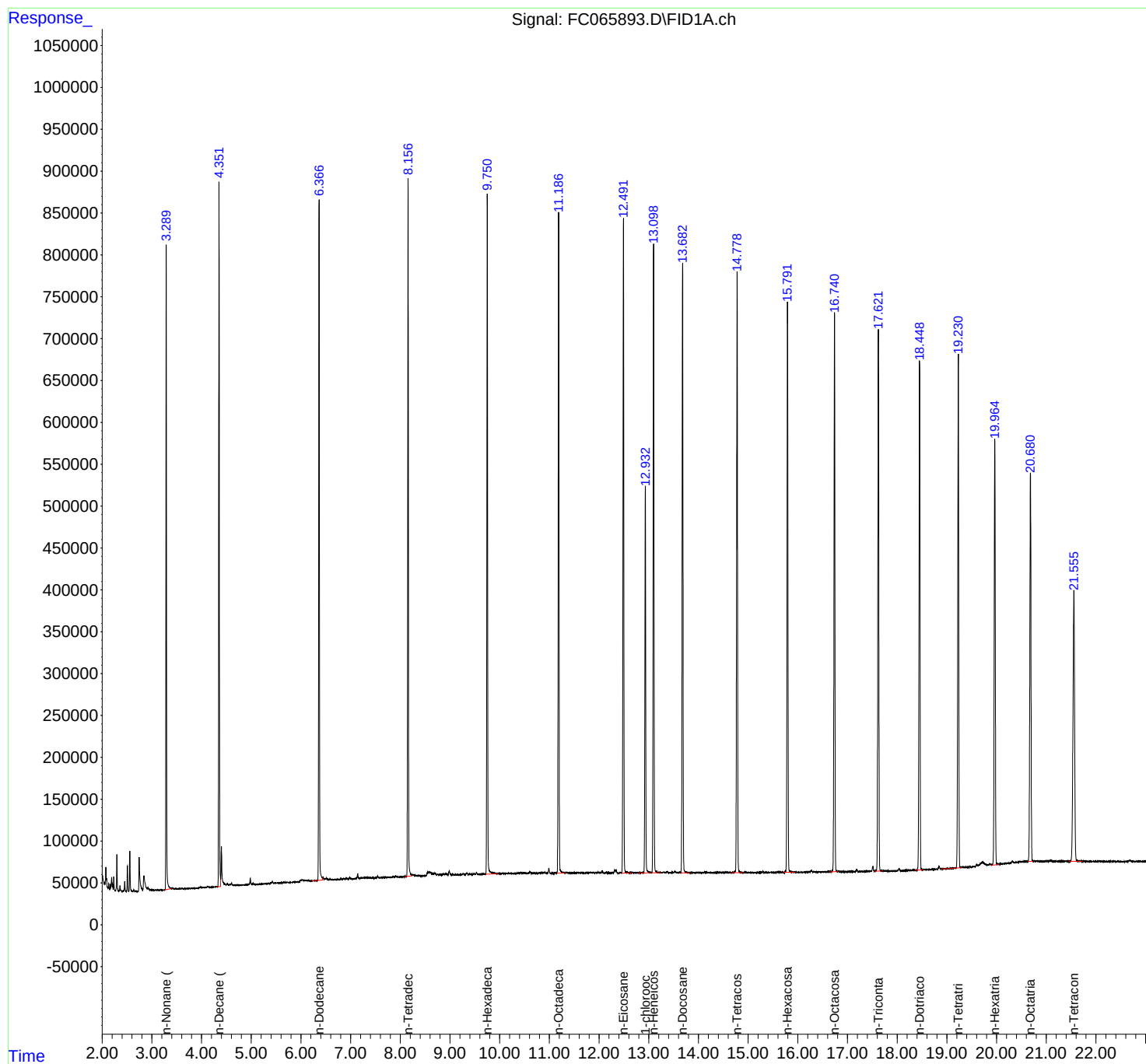
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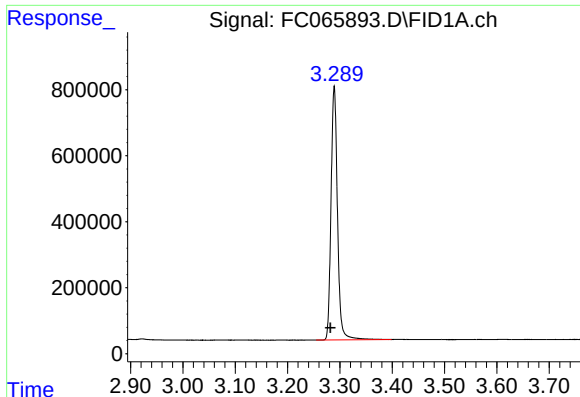
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#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: 0.007 min
Response: 6570790
Conc: 43.74 ug/ml

Instrument :

FID_C

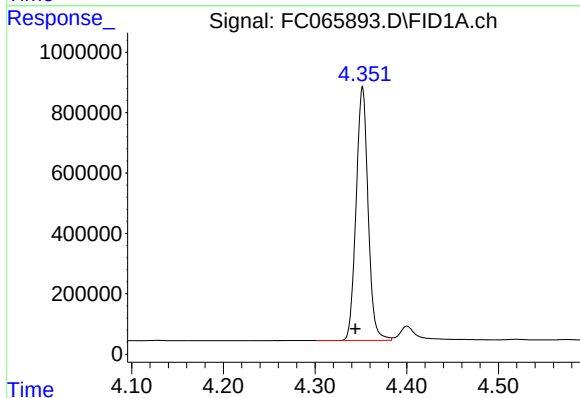
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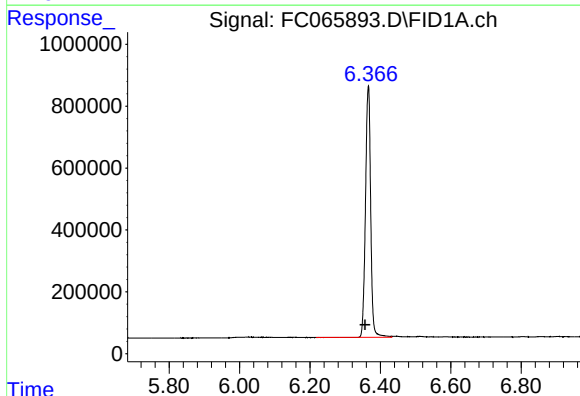
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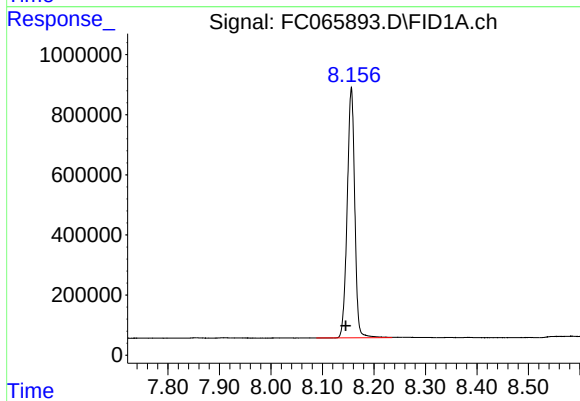
#2 n-Decane (C10)

R.T.: 4.352 min
Delta R.T.: 0.008 min
Response: 7629240
Conc: 50.18 ug/ml



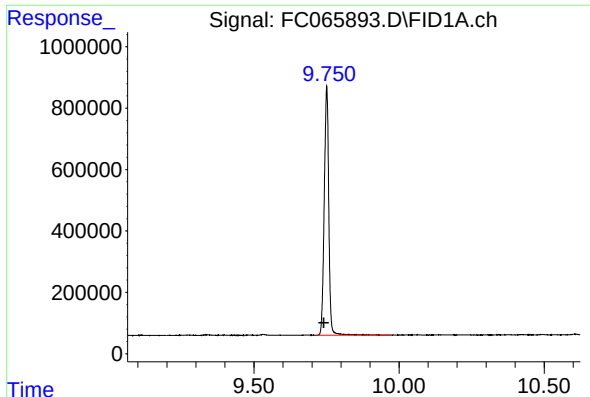
#4 n-Dodecane (C12)

R.T.: 6.366 min
Delta R.T.: 0.009 min
Response: 8298088
Conc: 54.22 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.156 min
Delta R.T.: 0.011 min
Response: 8484535
Conc: 57.15 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.751 min
Delta R.T.: 0.010 min
Response: 8778983
Conc: 58.54 ug/ml

Instrument :

FID_C

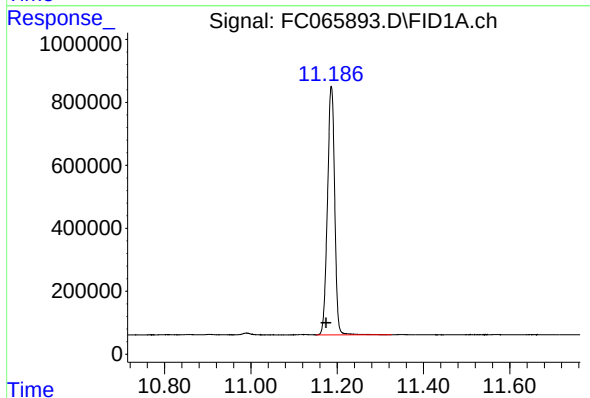
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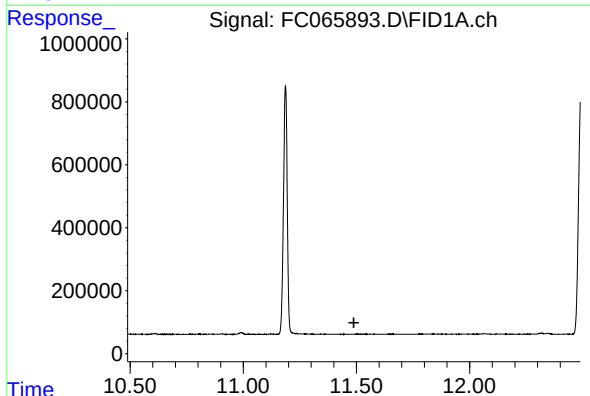
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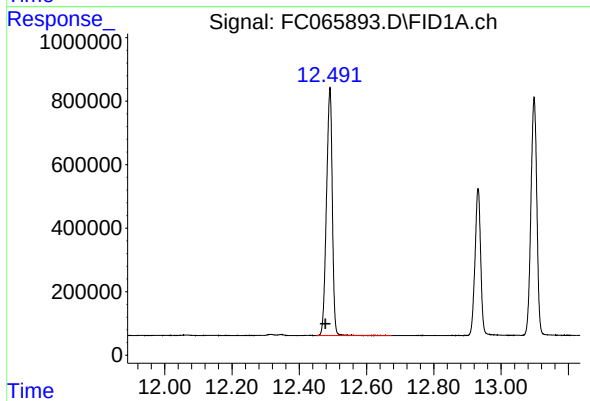
#8 n-Octadecane (C18)

R.T.: 11.187 min
Delta R.T.: 0.012 min
Response: 9159611
Conc: 59.38 ug/ml



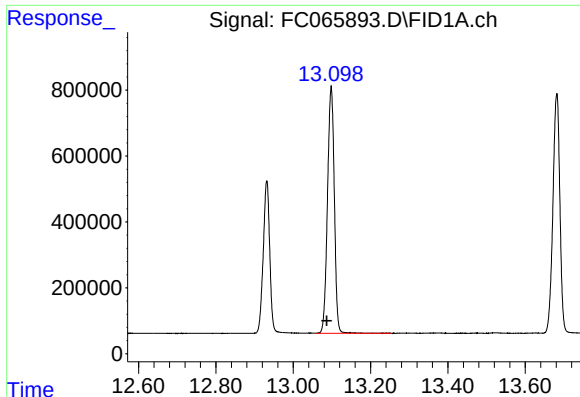
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.491 min
Delta R.T.: 0.013 min
Response: 9379813
Conc: 62.37 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.098 min
Delta R.T.: 0.012 min
Response: 9169548
Conc: 61.31 ug/ml

Instrument :

FID_C

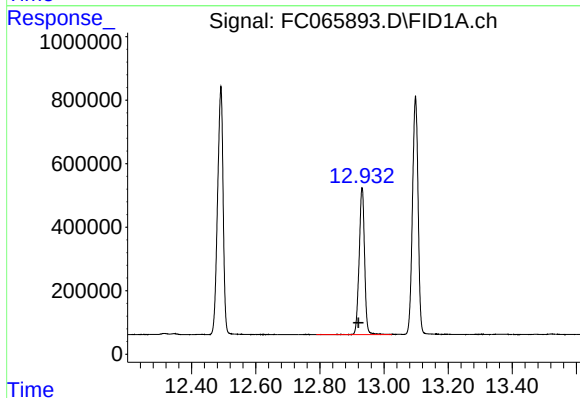
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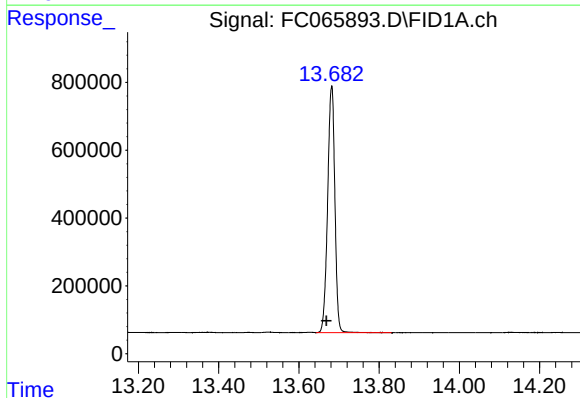
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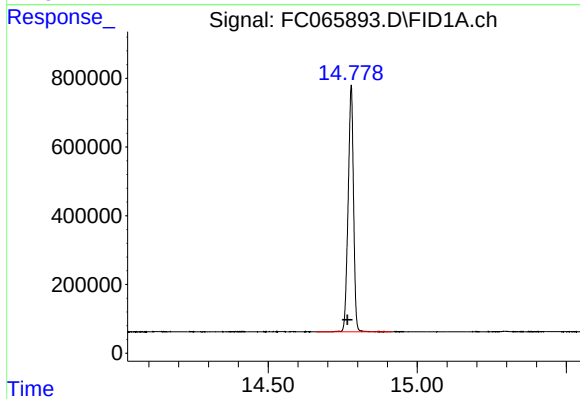
#12 1-chlorooctadecane (SURR)

R.T.: 12.931 min
Delta R.T.: 0.011 min
Response: 5426196
Conc: 43.12 ug/ml



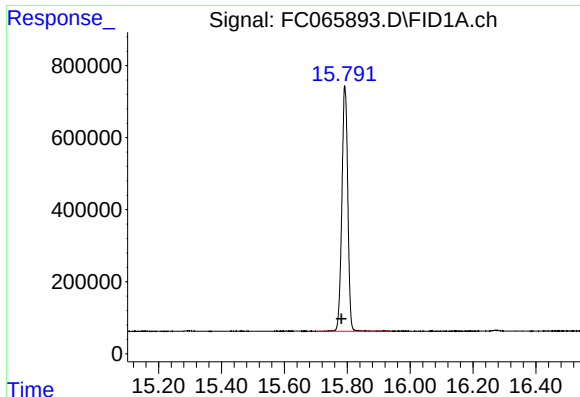
#13 n-Docosane (C22)

R.T.: 13.681 min
Delta R.T.: 0.012 min
Response: 9113261
Conc: 61.44 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.778 min
Delta R.T.: 0.012 min
Response: 8993790
Conc: 60.49 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.793 min
Delta R.T.: 0.011 min
Response: 8886514
Conc: 59.97 ug/ml

Instrument :

FID_C

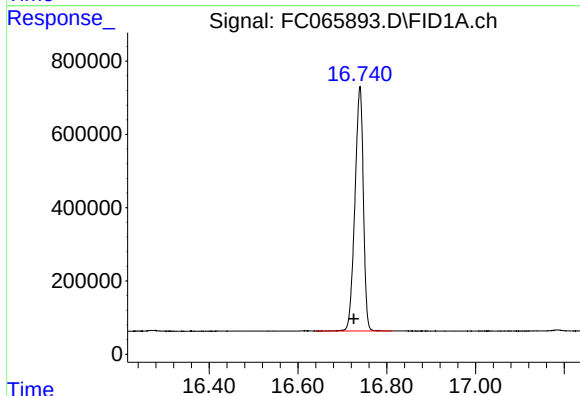
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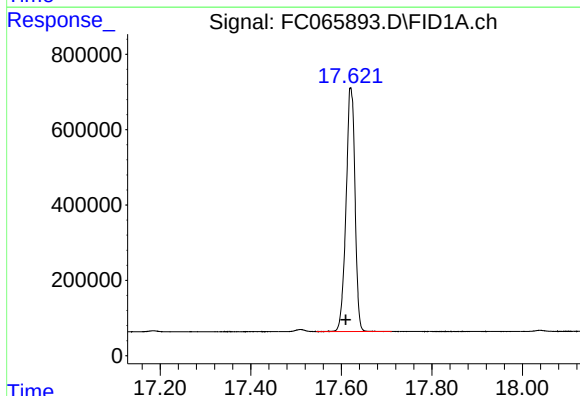
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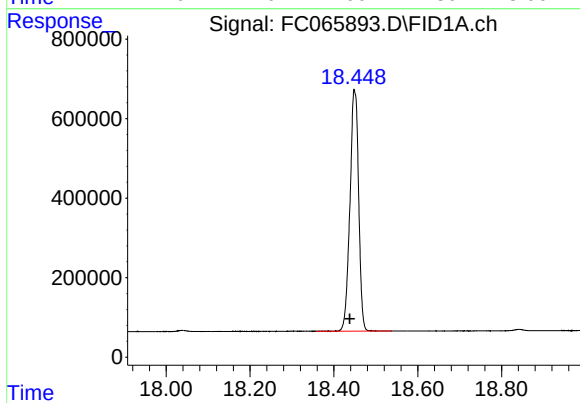
#16 n-Octacosane (C28)

R.T.: 16.740 min
Delta R.T.: 0.014 min
Response: 8786961
Conc: 59.89 ug/ml



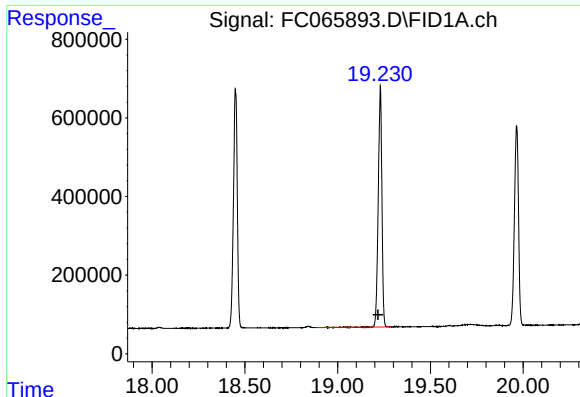
#17 n-Tricontane (C30)

R.T.: 17.621 min
Delta R.T.: 0.011 min
Response: 8884356
Conc: 59.18 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.450 min
Delta R.T.: 0.012 min
Response: 8749470
Conc: 59.16 ug/ml



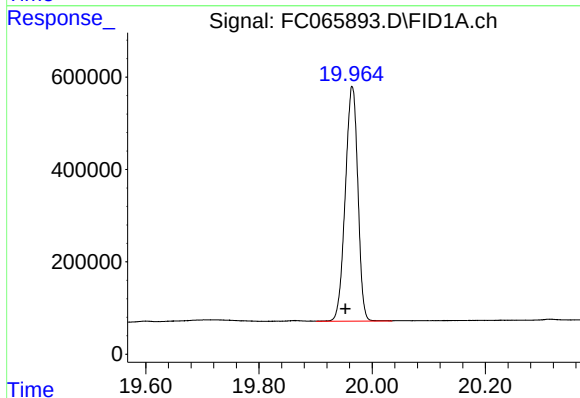
#19 n-Tetratriacontane (C34)

R.T.: 19.230 min
Delta R.T.: 0.012 min
Response: 8392459
Conc: 57.90 ug/ml

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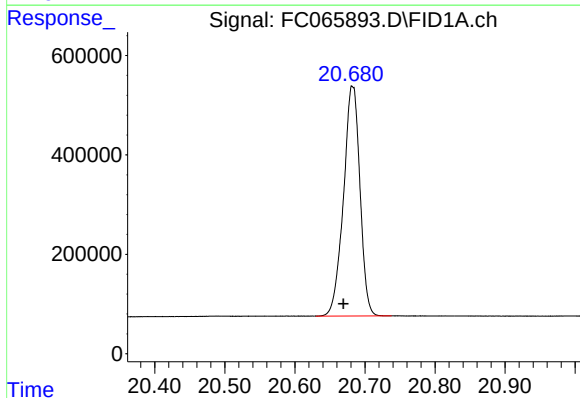
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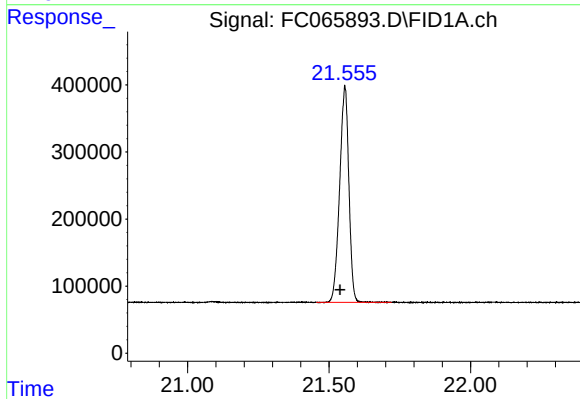
#20 n-Hexatriacontane (C36)

R.T.: 19.965 min
Delta R.T.: 0.012 min
Response: 7857607
Conc: 55.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.680 min
Delta R.T.: 0.011 min
Response: 7567425
Conc: 53.46 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.556 min
Delta R.T.: 0.017 min
Response: 7297994
Conc: 52.32 ug/ml