

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022124AL\
 Data File : FC065813.D
 Signal(s) : FID1A.ch
 Acq On : 21 Feb 2024 22:29
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/22/2024
 Supervised By :Ankita Jodhani 02/22/2024

Integration File: autoint1.e
 Quant Time: Feb 22 03:37:20 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			
9) S ortho-Terphenyl (SURR)	11.498	3412988	19.897 ug/ml
Spiked Amount 50.000		Recovery =	39.79%
12) S 1-chlorooctadecane (S...	12.929	2549406	20.258 ug/ml
Spiked Amount 50.000		Recovery =	40.52%
Target Compounds			
1) T n-Nonane (C9)	3.288	2985470	19.872 ug/ml
2) T n-Decane (C10)	4.352	3108233	20.443 ug/ml
3) T A~Naphthalene (C11.7)	5.938	3305191	21.433 ug/ml
4) T n-Dodecane (C12)	6.365	3089002	20.183 ug/ml
5) T A~2-methylnaphthalene...	6.993	3152256	22.137 ug/ml
6) T n-Tetradecane (C14)	8.154	3037452	20.459 ug/ml
7) T n-Hexadecane (C16)	9.749	3090998	20.611 ug/ml
8) T n-Octadecane (C18)	11.184	3113146	20.182 ug/ml
10) T n-Eicosane (C20)	12.486	3001493	19.960 ug/ml
11) T n-Heneicosane (C21)	13.096	2971168	19.866 ug/ml
13) T n-Docosane (C22)	13.679	2978272	20.079 ug/ml
14) T n-Tetracosane (C24)	14.775	3025013	20.345 ug/ml
15) T n-Hexacosane (C26)	15.791	3045380	20.551 ug/ml
16) T n-Octacosane (C28)	16.737	3125244	21.299 ug/ml
17) T n-Tricontane (C30)	17.620	3362031	22.396 ug/ml
18) T n-Dotriacontane (C32)	18.450	3448738	23.320 ug/ml
19) T n-Tetratriacontane (C34)	19.228	3242536	22.371 ug/mlm
20) T n-Hexatriacontane (C36)	19.965	3048568	21.477 ug/mlm
21) T n-Octatriacontane (C38)	20.682	2980657	21.057 ug/mlm
22) T n-Tetracontane (C40)	21.556	2951252	21.158 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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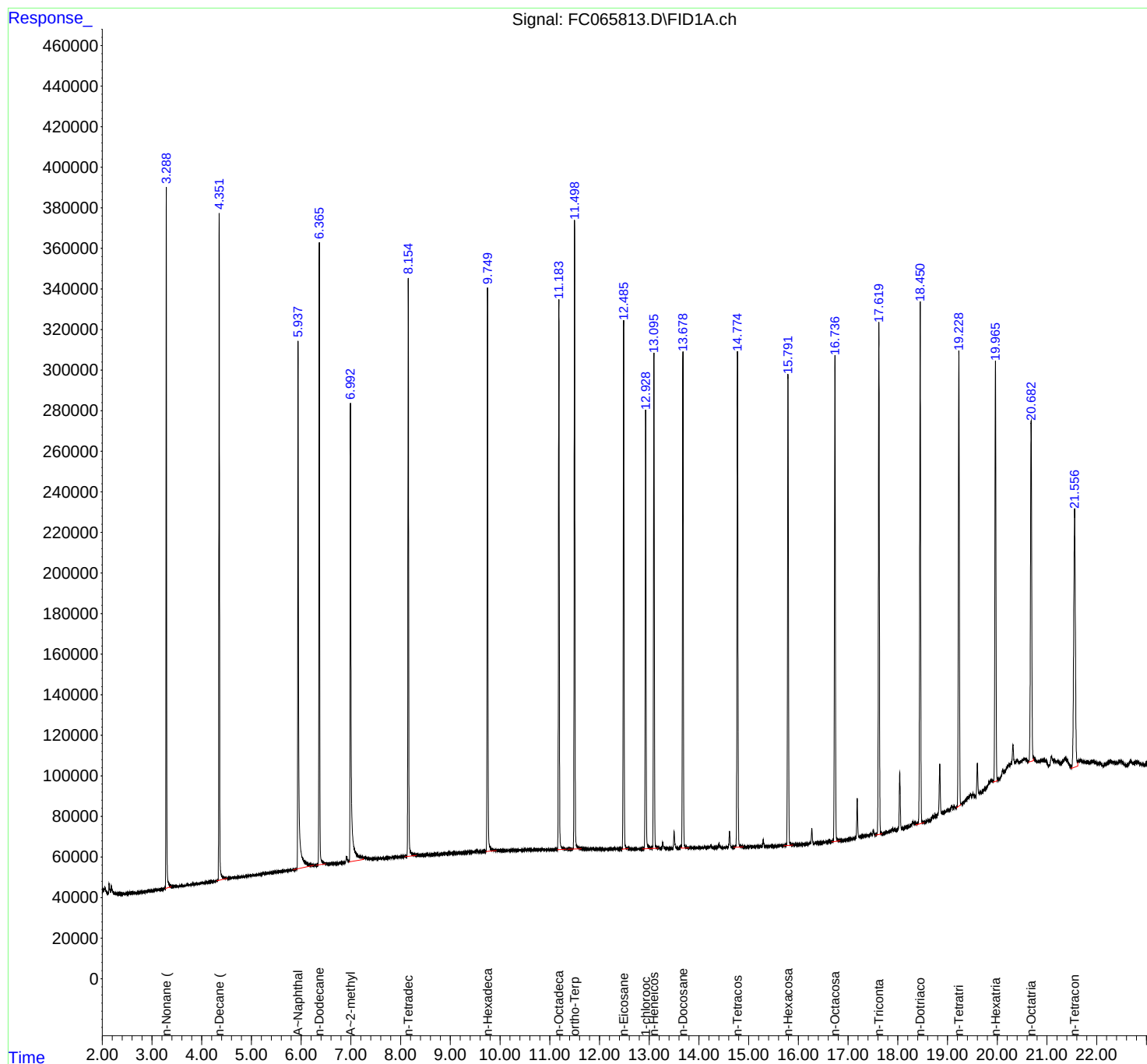
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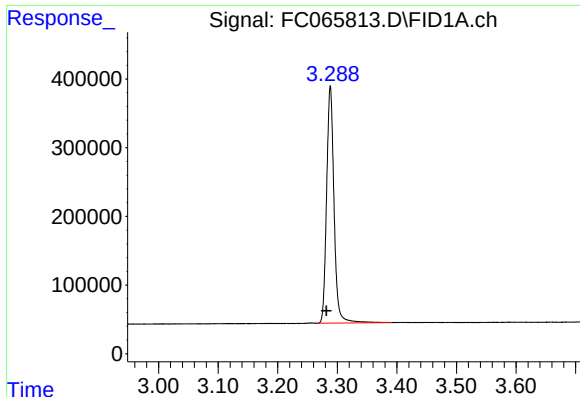
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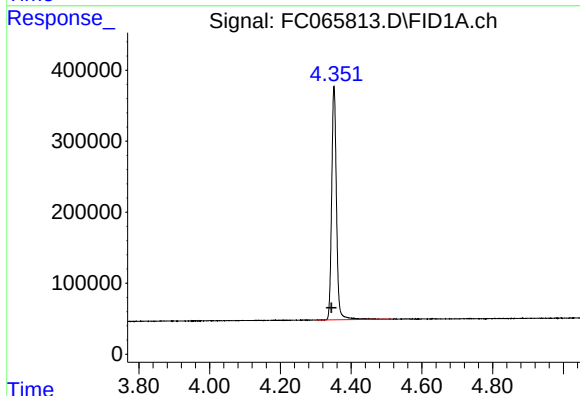
#1 n-Nonane (C9)

R.T.: 3.288 min
Delta R.T.: 0.006 min
Response: 2985470
Conc: 19.87 ug/ml

Instrument :
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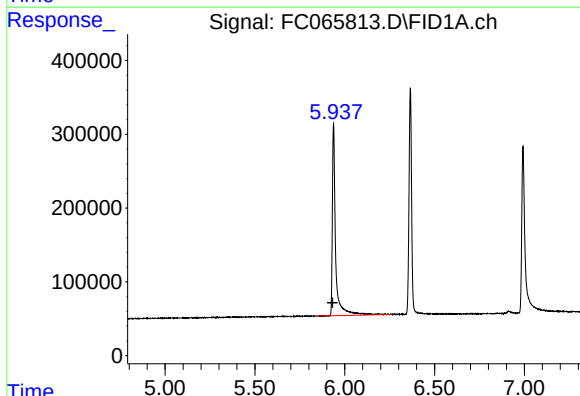
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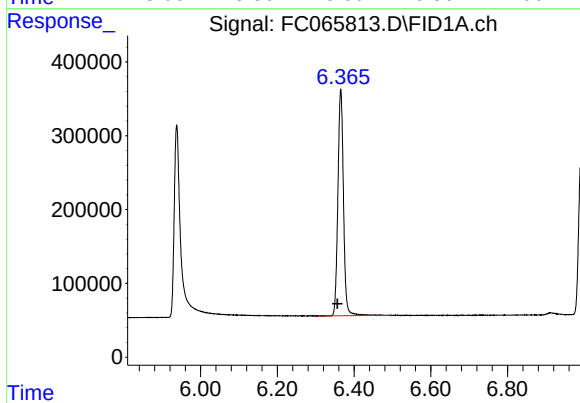
#2 n-Decane (C10)

R.T.: 4.352 min
Delta R.T.: 0.008 min
Response: 3108233
Conc: 20.44 ug/ml



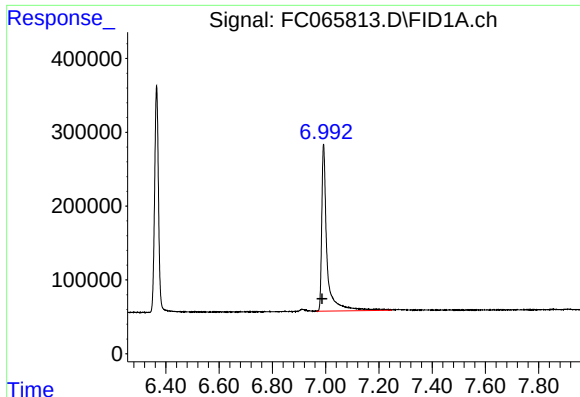
#3 A~Naphthalene (C11.7)

R.T.: 5.938 min
Delta R.T.: 0.007 min
Response: 3305191
Conc: 21.43 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.365 min
Delta R.T.: 0.008 min
Response: 3089002
Conc: 20.18 ug/ml



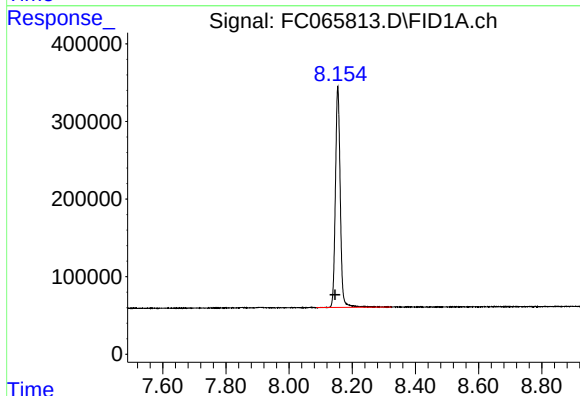
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.993 min
Delta R.T.: 0.005 min
Response: 3152256
Conc: 22.14 ug/ml

Instrument :
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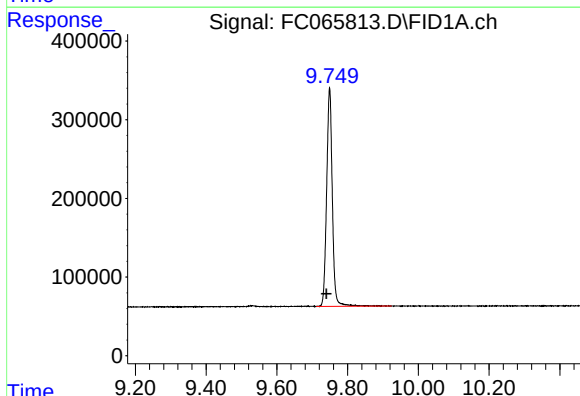
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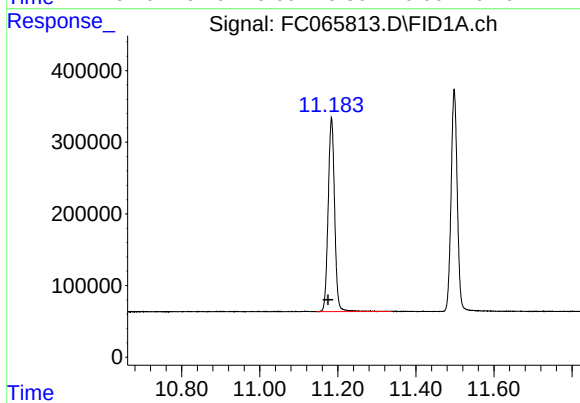
#6 n-Tetradecane (C14)

R.T.: 8.154 min
Delta R.T.: 0.009 min
Response: 3037452
Conc: 20.46 ug/ml



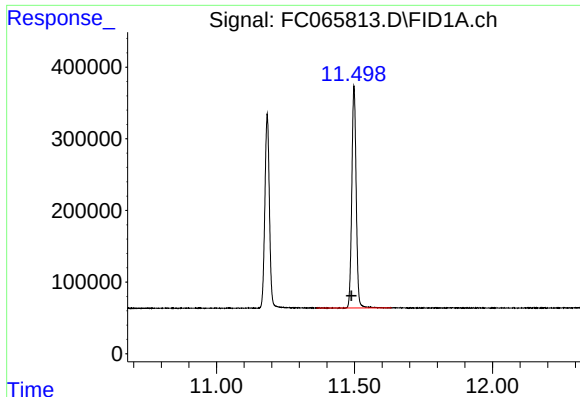
#7 n-Hexadecane (C16)

R.T.: 9.749 min
Delta R.T.: 0.009 min
Response: 3090998
Conc: 20.61 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.184 min
Delta R.T.: 0.009 min
Response: 3113146
Conc: 20.18 ug/ml



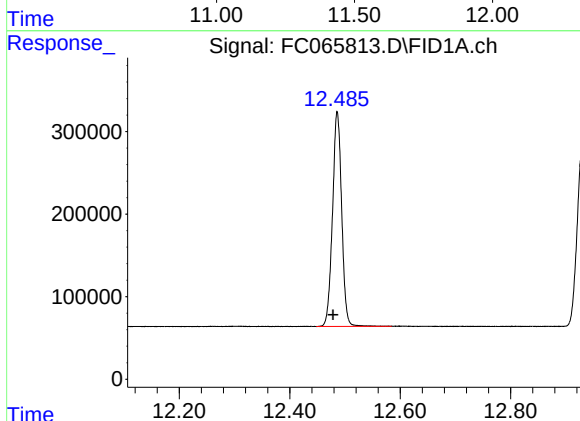
#9 ortho-Terphenyl (SURR)

R.T.: 11.498 min
Delta R.T.: 0.010 min
Response: 3412988
Conc: 19.90 ug/ml

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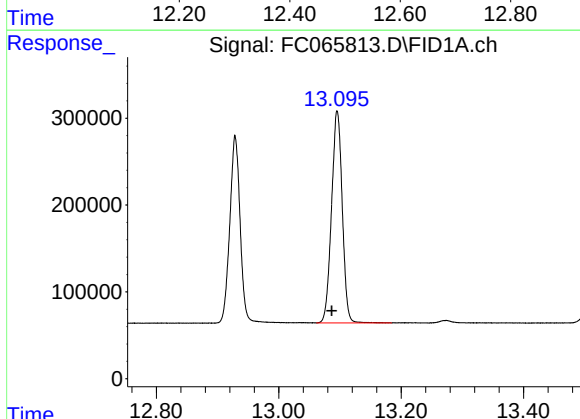
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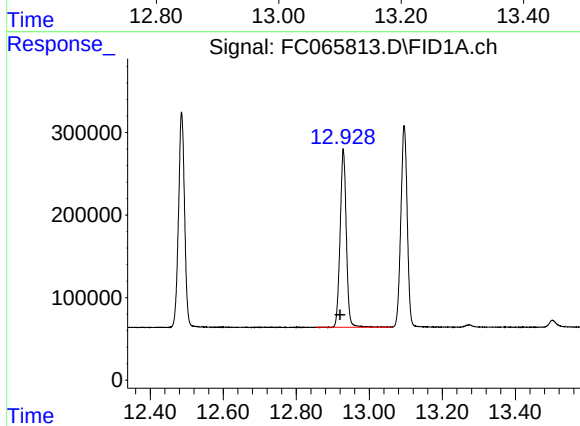
#10 n-Eicosane (C20)

R.T.: 12.486 min
Delta R.T.: 0.008 min
Response: 3001493
Conc: 19.96 ug/ml



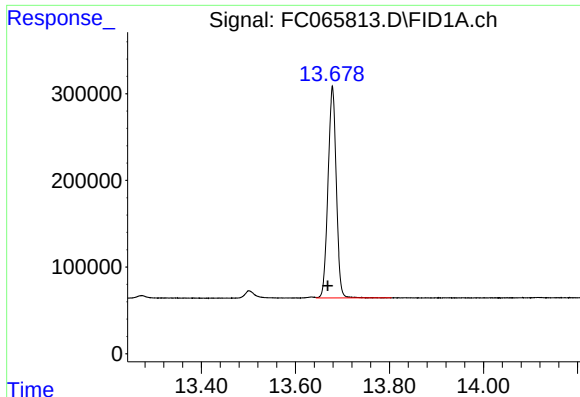
#11 n-Heneicosane (C21)

R.T.: 13.096 min
Delta R.T.: 0.009 min
Response: 2971168
Conc: 19.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.929 min
Delta R.T.: 0.009 min
Response: 2549406
Conc: 20.26 ug/ml



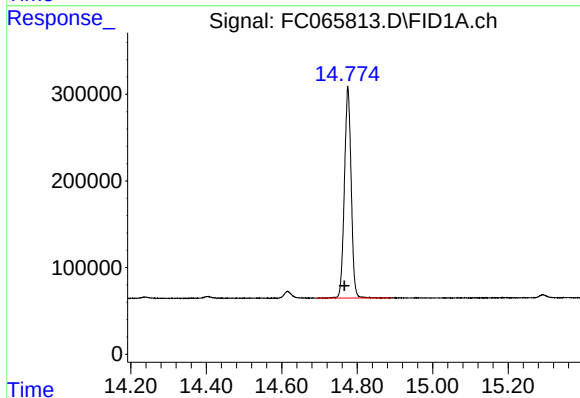
#13 n-Docosane (C22)

R.T.: 13.679 min
Delta R.T.: 0.010 min
Response: 2978272
Conc: 20.08 ug/ml

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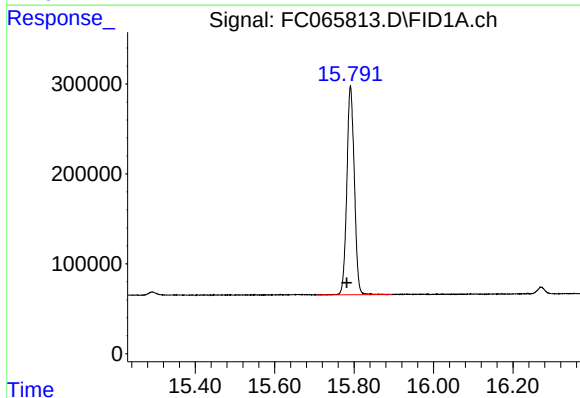
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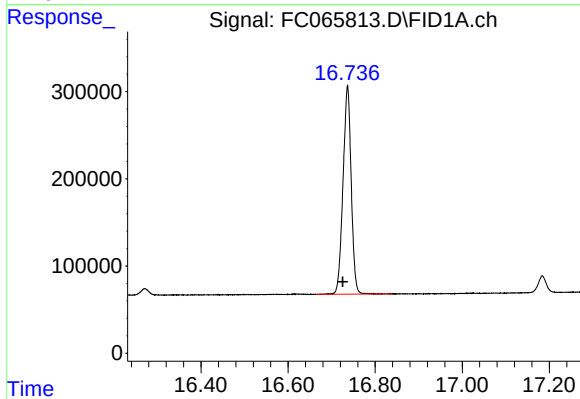
#14 n-Tetracosane (C24)

R.T.: 14.775 min
Delta R.T.: 0.010 min
Response: 3025013
Conc: 20.35 ug/ml



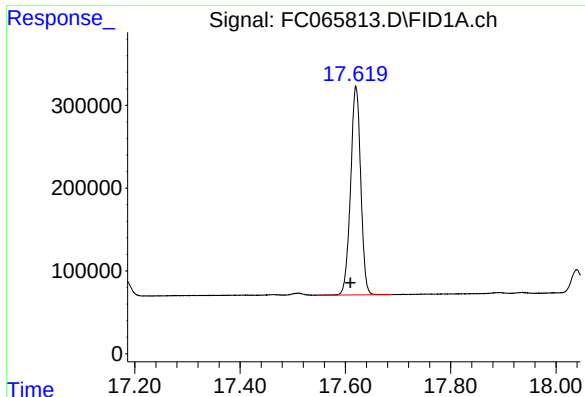
#15 n-Hexacosane (C26)

R.T.: 15.791 min
Delta R.T.: 0.010 min
Response: 3045380
Conc: 20.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.737 min
Delta R.T.: 0.011 min
Response: 3125244
Conc: 21.30 ug/ml



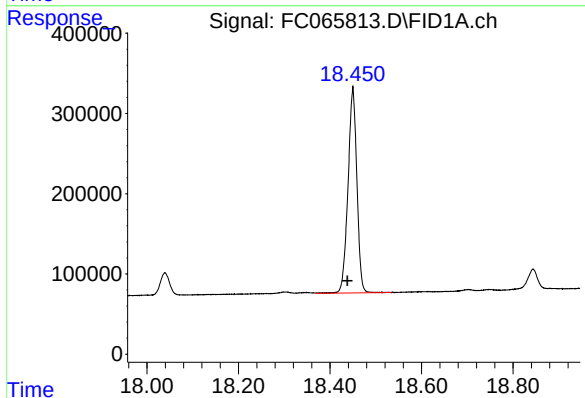
#17 n-Tricontane (C30)

R.T.: 17.620 min
Delta R.T.: 0.010 min
Response: 3362031
Conc: 22.40 ug/ml

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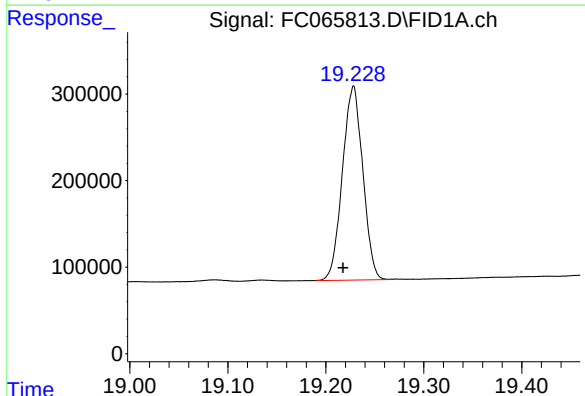
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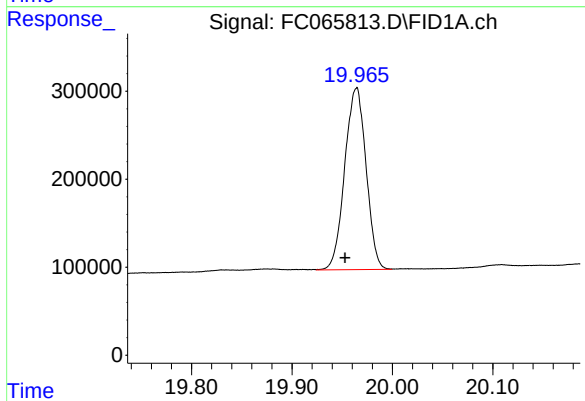
#18 n-Dotriacontane (C32)

R.T.: 18.450 min
Delta R.T.: 0.012 min
Response: 3448738
Conc: 23.32 ug/ml



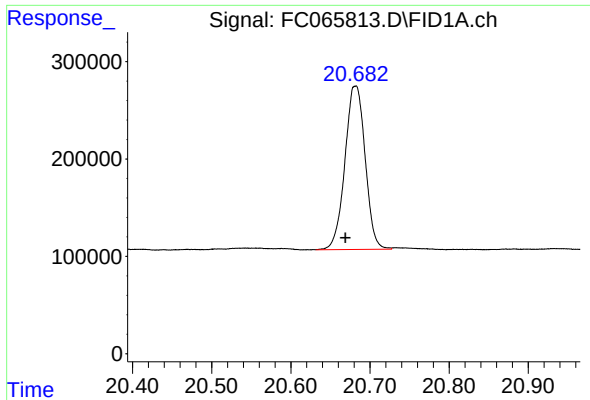
#19 n-Tetratriacontane (C34)

R.T.: 19.228 min
Delta R.T.: 0.010 min
Response: 3242536
Conc: 22.37 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.965 min
Delta R.T.: 0.012 min
Response: 3048568
Conc: 21.48 ug/ml m



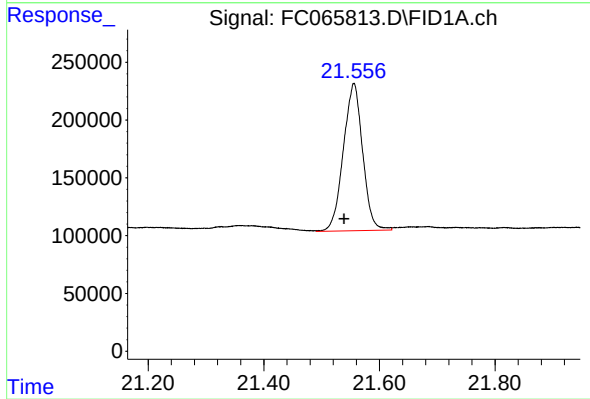
#21 n-Octatriacontane (C38)

R.T.: 20.682 min
Delta R.T.: 0.013 min
Response: 2980657
Conc: 21.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.556 min
Delta R.T.: 0.017 min
Response: 2951252
Conc: 21.16 ug/ml