

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022724AL\
 Data File : FC065903.D
 Signal(s) : FID1A.ch
 Acq On : 27 Feb 2024 23:18
 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 02/28/2024
 Supervised By :Ankita Jodhani 02/28/2024

Integration File: autoint1.e
 Quant Time: Feb 28 01:11:43 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)	11.497	3222216	18.785 ug/ml
Spiked Amount 50.000		Recovery =	37.57%
12) S 1-chlorooctadecane (S...	12.928	2418503	19.217 ug/ml
Spiked Amount 50.000		Recovery =	38.43%
Target Compounds			
1) T n-Nonane (C9)	3.287	2721377	18.114 ug/ml
2) T n-Decane (C10)	4.350	2826842	18.592 ug/ml
3) T A~Naphthalene (C11.7)	5.940	2969833	19.258 ug/ml
4) T n-Dodecane (C12)	6.364	2874948	18.784 ug/ml
5) T A~2-methylnaphthalene...	6.997	2743710	19.268 ug/ml
6) T n-Tetradecane (C14)	8.153	2804761	18.892 ug/ml
7) T n-Hexadecane (C16)	9.748	2909575	19.402 ug/ml
8) T n-Octadecane (C18)	11.182	2983890	19.344 ug/ml
10) T n-Eicosane (C20)	12.484	2893189	19.239 ug/ml
11) T n-Heneicosane (C21)	13.093	2865588	19.161 ug/ml
13) T n-Docosane (C22)	13.677	2873493	19.372 ug/ml
14) T n-Tetracosane (C24)	14.774	2886539	19.414 ug/ml
15) T n-Hexacosane (C26)	15.790	2891320	19.511 ug/ml
16) T n-Octacosane (C28)	16.735	2968444	20.231 ug/ml
17) T n-Tricontane (C30)	17.618	3255455	21.686 ug/ml
18) T n-Dotriacontane (C32)	18.445	3321074	22.457 ug/ml
19) T n-Tetratriacontane (C34)	19.225	3124199	21.555 ug/mlm
20) T n-Hexatriacontane (C36)	19.958	2893198	20.383 ug/mlm
21) T n-Octatriacontane (C38)	20.677	2762539	19.516 ug/ml
22) T n-Tetracontane (C40)	21.548	2646280	18.971 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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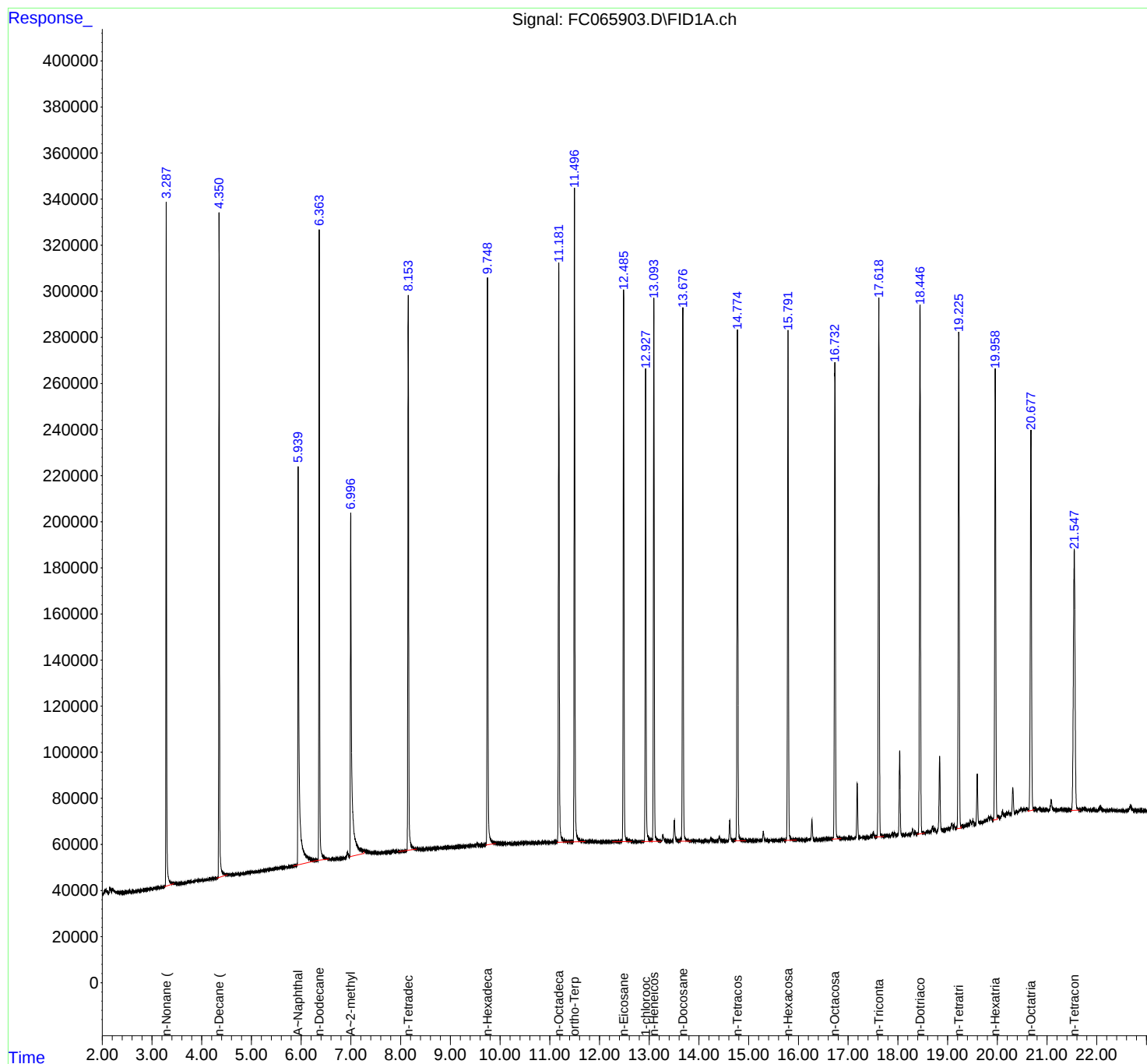
Instrument :
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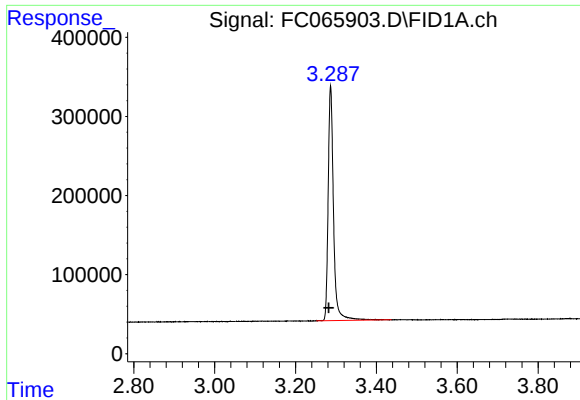
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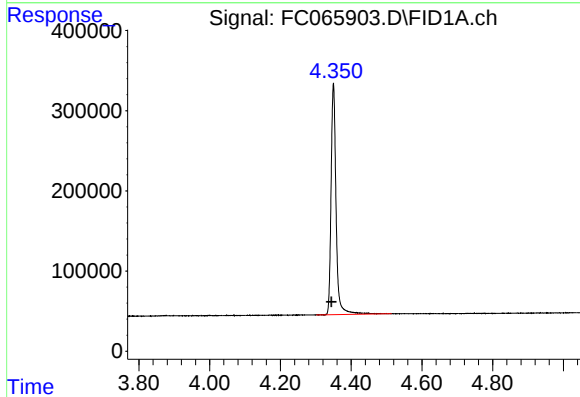
#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: 0.005 min
Response: 2721377
Conc: 18.11 ug/ml

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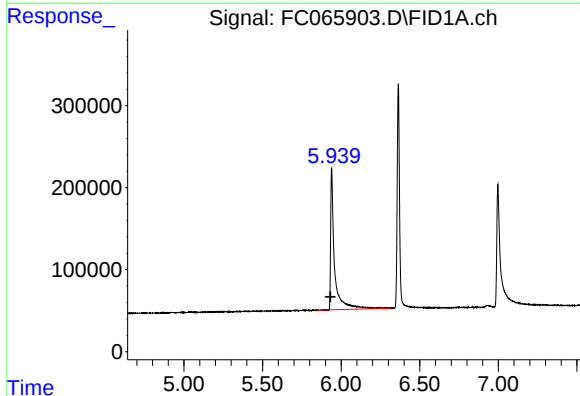
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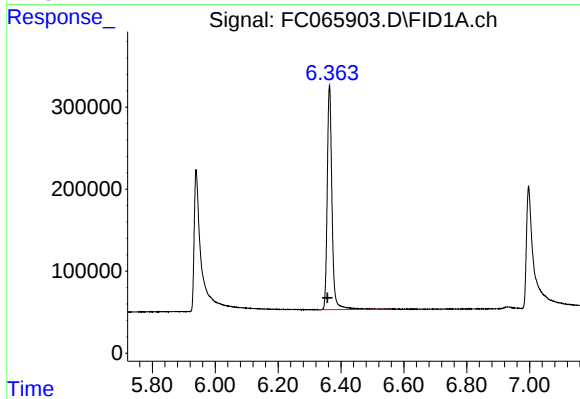
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: 0.006 min
Response: 2826842
Conc: 18.59 ug/ml



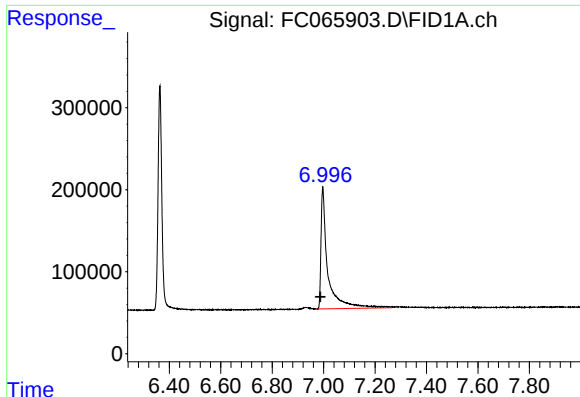
#3 A~Naphthalene (C11.7)

R.T.: 5.940 min
Delta R.T.: 0.009 min
Response: 2969833
Conc: 19.26 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.364 min
Delta R.T.: 0.007 min
Response: 2874948
Conc: 18.78 ug/ml



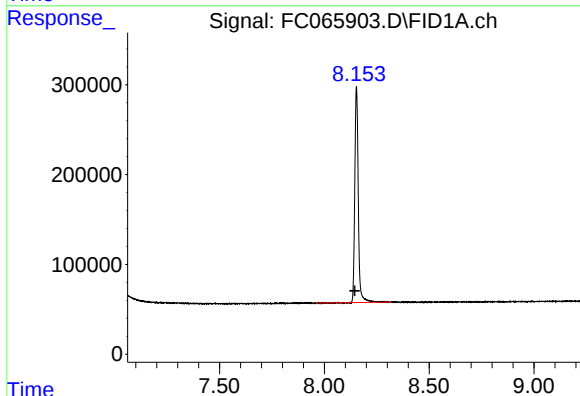
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.997 min
Delta R.T.: 0.010 min
Response: 2743710
Conc: 19.27 ug/ml

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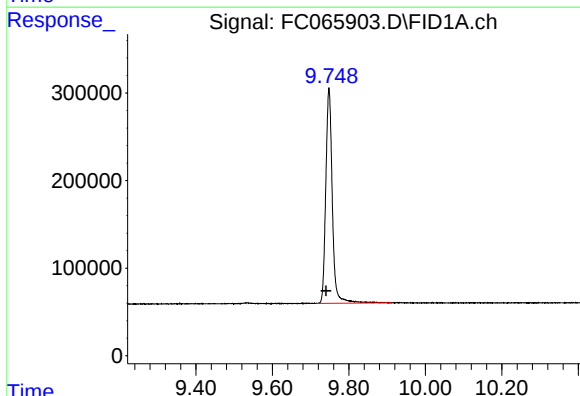
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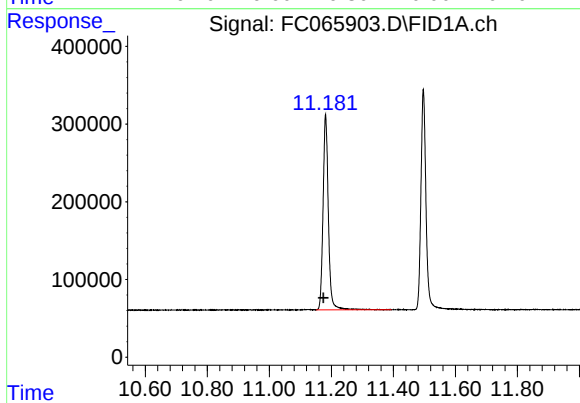
#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.008 min
Response: 2804761
Conc: 18.89 ug/ml



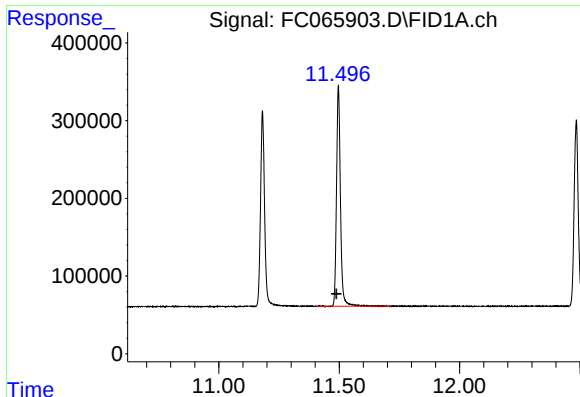
#7 n-Hexadecane (C16)

R.T.: 9.748 min
Delta R.T.: 0.008 min
Response: 2909575
Conc: 19.40 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.182 min
Delta R.T.: 0.007 min
Response: 2983890
Conc: 19.34 ug/ml



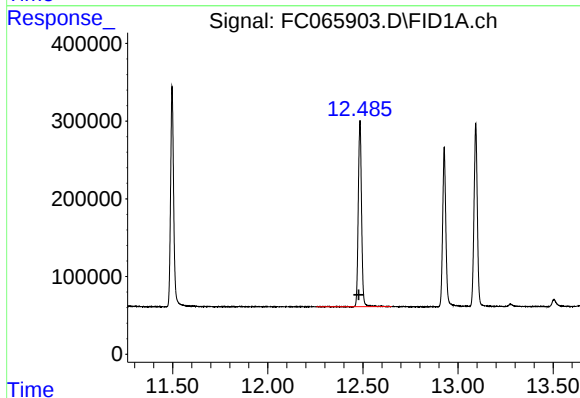
#9 ortho-Terphenyl (SURR)

R.T.: 11.497 min
Delta R.T.: 0.008 min
Response: 3222216
Conc: 18.78 ug/ml

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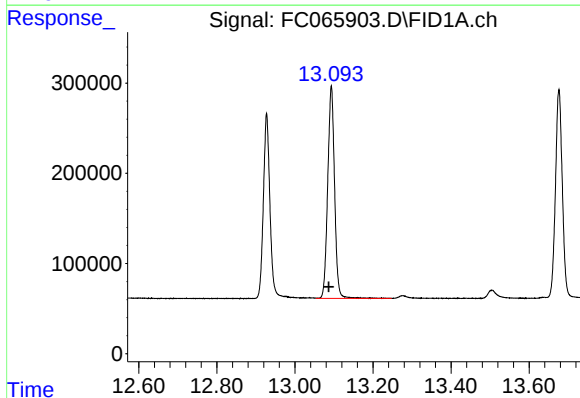
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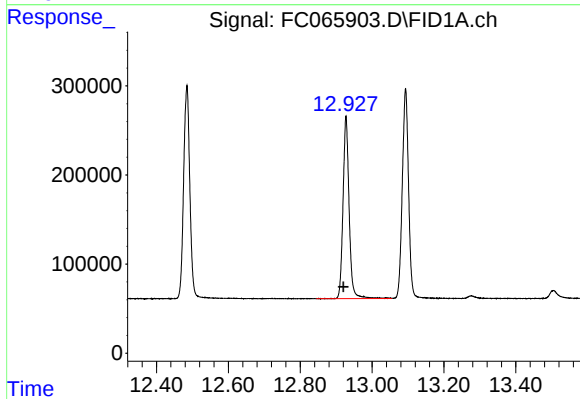
#10 n-Eicosane (C20)

R.T.: 12.484 min
Delta R.T.: 0.006 min
Response: 2893189
Conc: 19.24 ug/ml



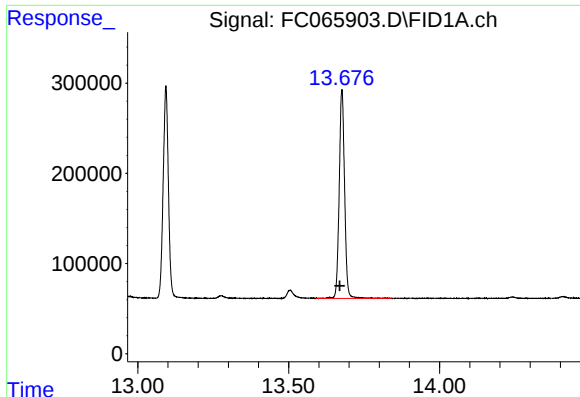
#11 n-Heneicosane (C21)

R.T.: 13.093 min
Delta R.T.: 0.007 min
Response: 2865588
Conc: 19.16 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.928 min
Delta R.T.: 0.008 min
Response: 2418503
Conc: 19.22 ug/ml



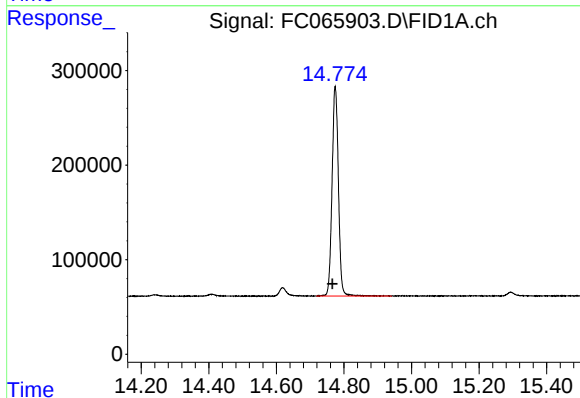
#13 n-Docosane (C22)

R.T.: 13.677 min
Delta R.T.: 0.008 min
Response: 2873493
Conc: 19.37 ug/ml

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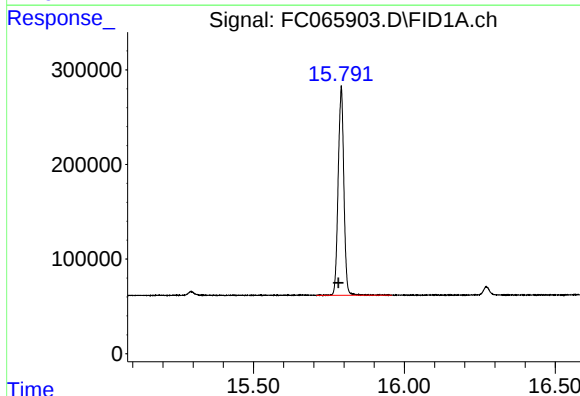
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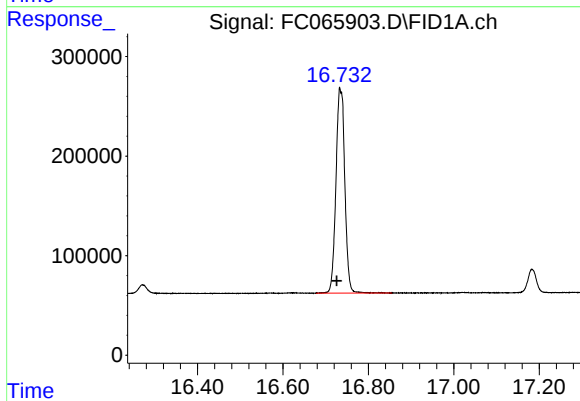
#14 n-Tetracosane (C24)

R.T.: 14.774 min
Delta R.T.: 0.009 min
Response: 2886539
Conc: 19.41 ug/ml



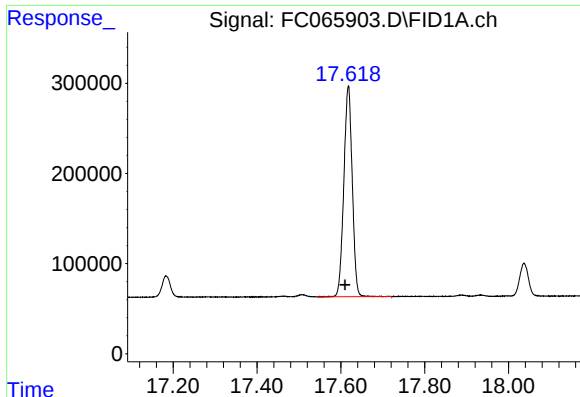
#15 n-Hexacosane (C26)

R.T.: 15.790 min
Delta R.T.: 0.009 min
Response: 2891320
Conc: 19.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.735 min
Delta R.T.: 0.009 min
Response: 2968444
Conc: 20.23 ug/ml



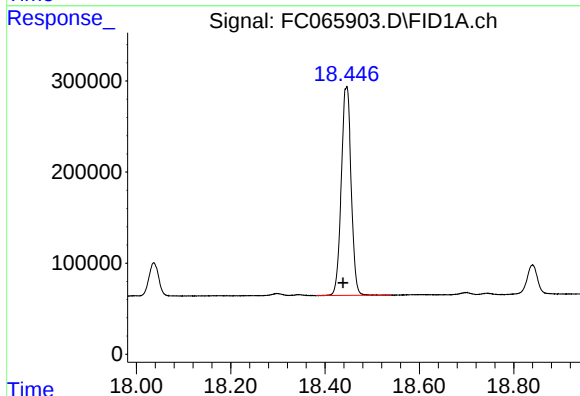
#17 n-Tricontane (C30)

R.T.: 17.618 min
Delta R.T.: 0.008 min
Response: 3255455
Conc: 21.69 ug/ml

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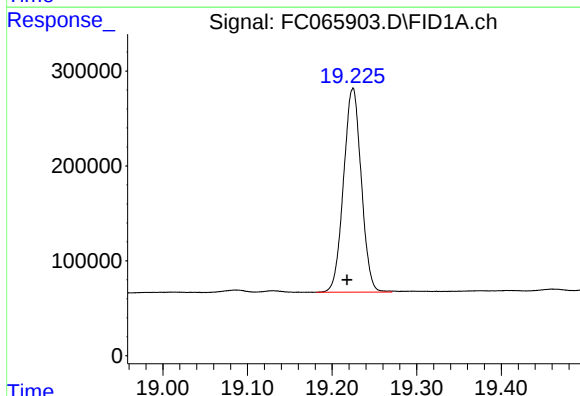
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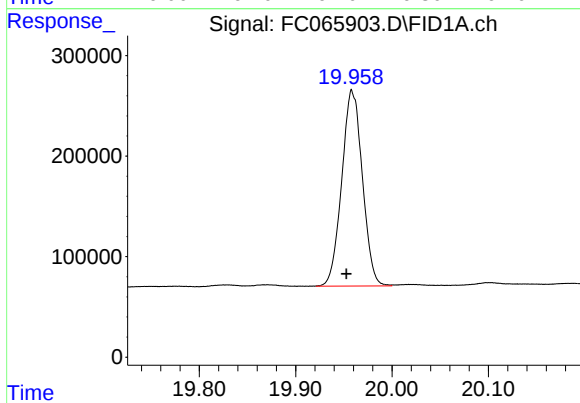
#18 n-Dotriacontane (C32)

R.T.: 18.445 min
Delta R.T.: 0.007 min
Response: 3321074
Conc: 22.46 ug/ml



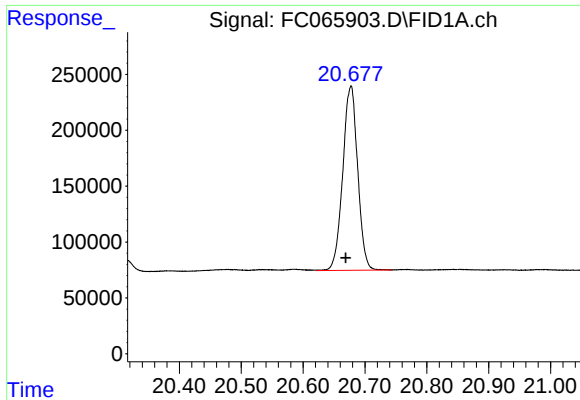
#19 n-Tetratriacontane (C34)

R.T.: 19.225 min
Delta R.T.: 0.007 min
Response: 3124199
Conc: 21.55 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.958 min
Delta R.T.: 0.005 min
Response: 2893198
Conc: 20.38 ug/ml m



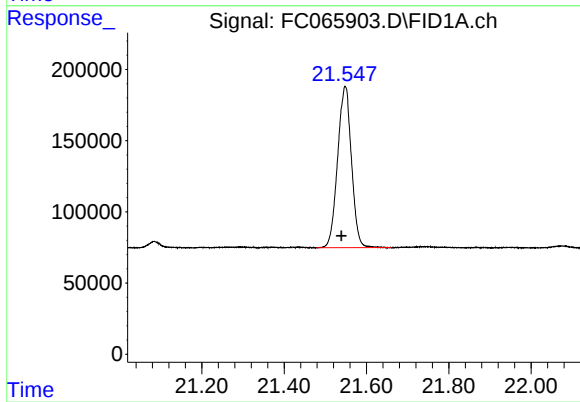
#21 n-Octatriacontane (C38)

R.T.: 20.677 min
Delta R.T.: 0.008 min
Response: 2762539
Conc: 19.52 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.548 min
Delta R.T.: 0.009 min
Response: 2646280
Conc: 18.97 ug/ml