

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022724AL\
 Data File : FC065883.D
 Signal(s) : FID1A.ch
 Acq On : 27 Feb 2024 09:40
 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 01:06:48 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)	11.496	3403583	19.842 ug/ml
Spiked Amount 50.000		Recovery =	39.68%
12) S 1-chlorooctadecane (S...	12.927	2558093	20.327 ug/ml
Spiked Amount 50.000		Recovery =	40.65%
Target Compounds			
1) T n-Nonane (C9)	3.288	2906555	19.347 ug/ml
2) T n-Decane (C10)	4.350	3008663	19.788 ug/ml
3) T A~Naphthalene (C11.7)	5.939	3194573	20.716 ug/ml
4) T n-Dodecane (C12)	6.364	3072378	20.074 ug/ml
5) T A~2-methylnaphthalene...	6.995	2960096	20.787 ug/ml
6) T n-Tetradecane (C14)	8.153	2993760	20.165 ug/ml
7) T n-Hexadecane (C16)	9.747	3098427	20.661 ug/ml
8) T n-Octadecane (C18)	11.182	3169312	20.546 ug/ml
10) T n-Eicosane (C20)	12.485	3059763	20.347 ug/ml
11) T n-Heneicosane (C21)	13.094	3021870	20.205 ug/ml
13) T n-Docosane (C22)	13.677	3032189	20.442 ug/ml
14) T n-Tetracosane (C24)	14.774	3056314	20.556 ug/ml
15) T n-Hexacosane (C26)	15.788	3023240	20.401 ug/ml
16) T n-Octacosane (C28)	16.733	3110332	21.198 ug/ml
17) T n-Tricontane (C30)	17.616	3390456	22.586 ug/ml
18) T n-Dotriacontane (C32)	18.444	3445338	23.297 ug/ml
19) T n-Tetratriacontane (C34)	19.223	3271450	22.571 ug/ml
20) T n-Hexatriacontane (C36)	19.960	3080751	21.704 ug/ml
21) T n-Octatriacontane (C38)	20.674	2883263	20.369 ug/mlm
22) T n-Tetracontane (C40)	21.548	2777877	19.915 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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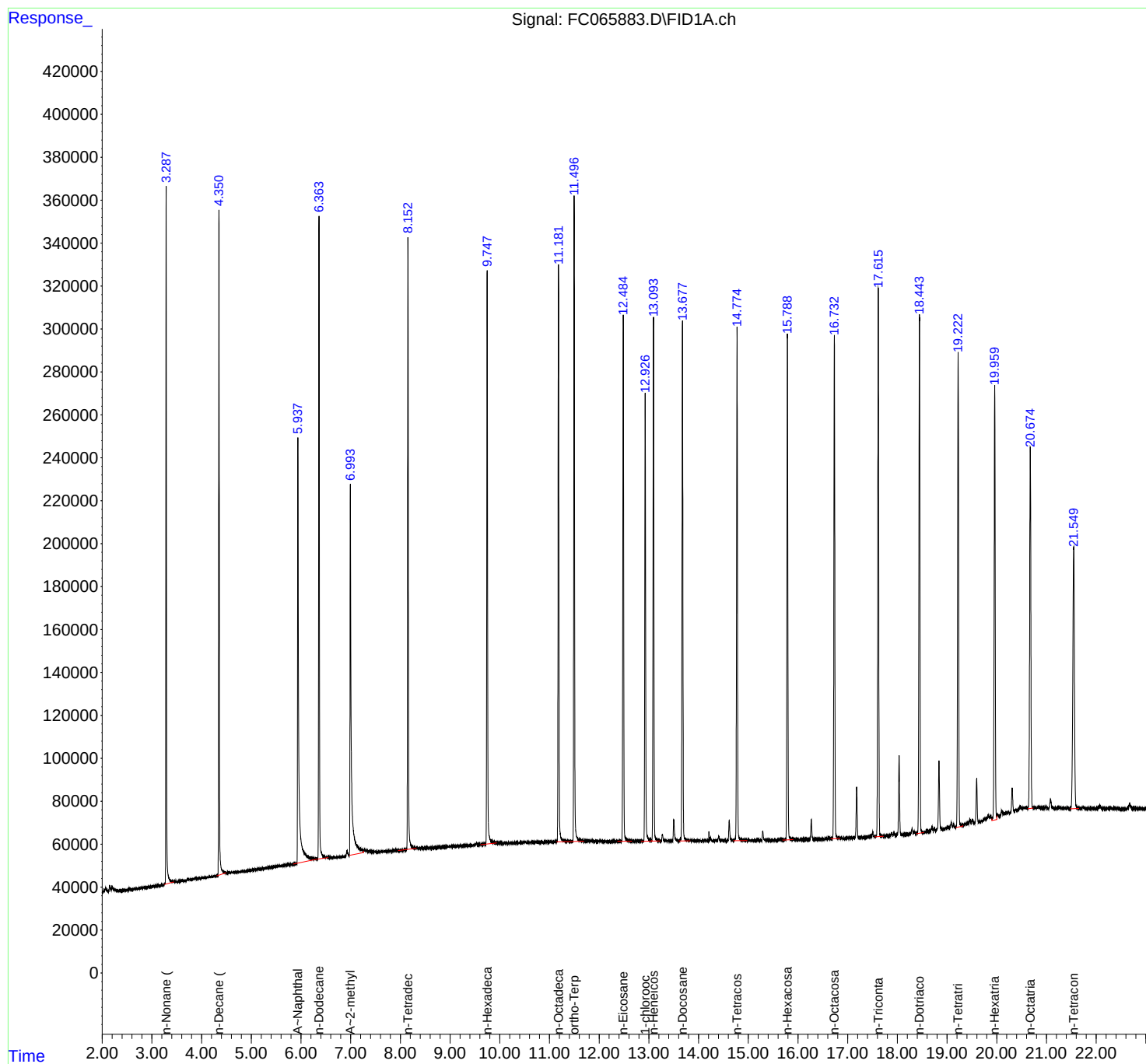
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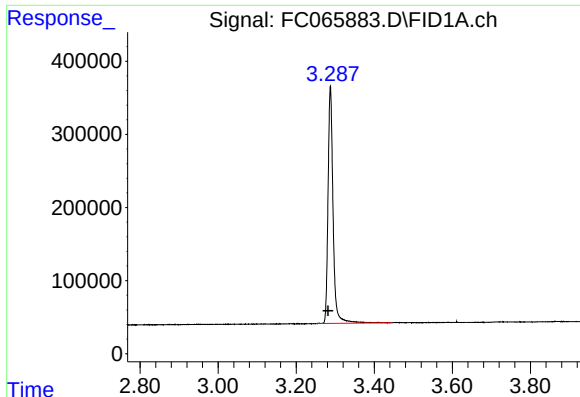
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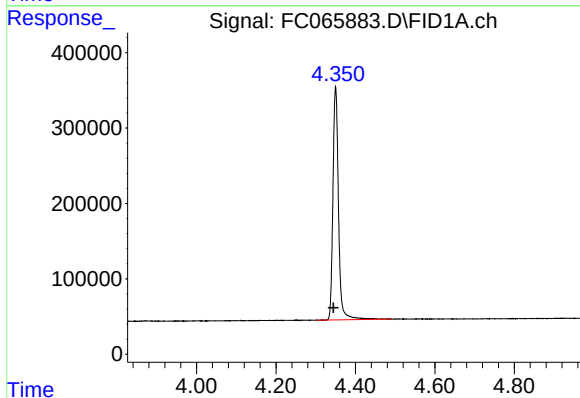
#1 n-Nonane (C9)

R.T.: 3.288 min
Delta R.T.: 0.006 min
Response: 2906555
Conc: 19.35 ug/ml

Instrument :
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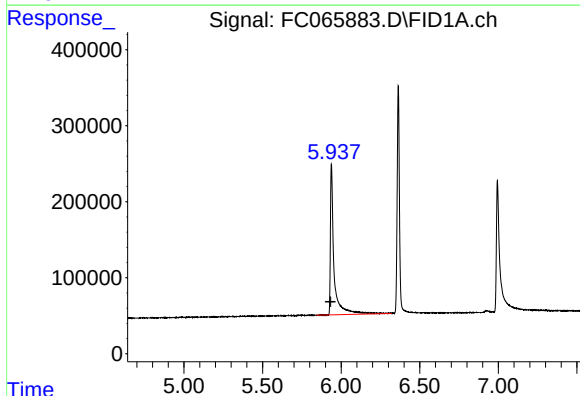
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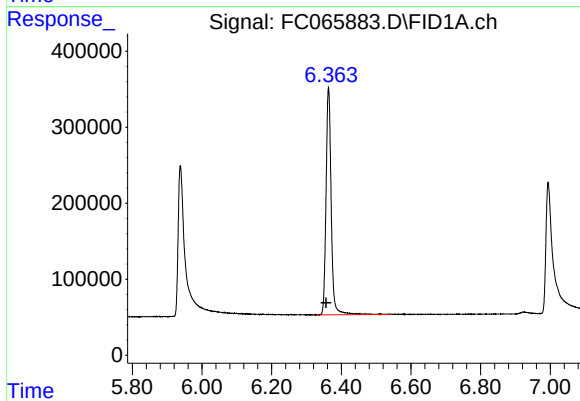
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: 0.006 min
Response: 3008663
Conc: 19.79 ug/ml



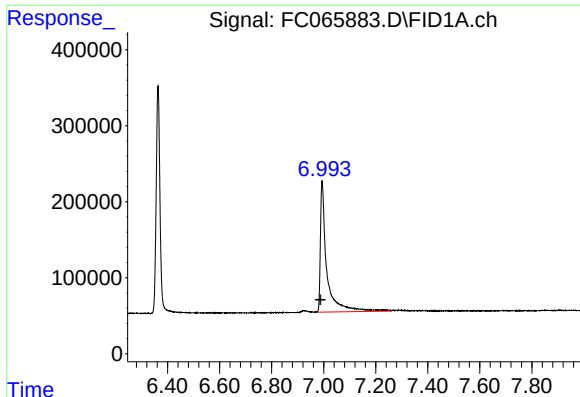
#3 A~Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: 0.007 min
Response: 3194573
Conc: 20.72 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.364 min
Delta R.T.: 0.007 min
Response: 3072378
Conc: 20.07 ug/ml



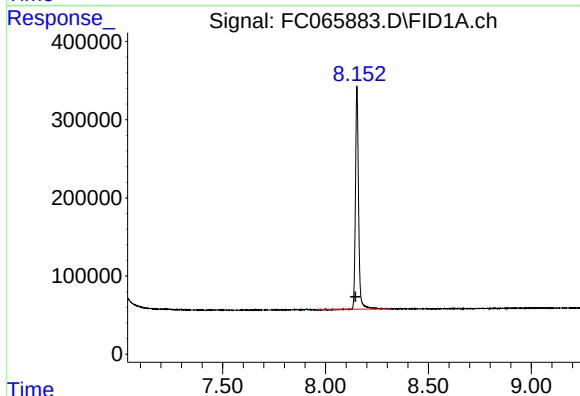
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.995 min
Delta R.T.: 0.008 min
Response: 2960096
Conc: 20.79 ug/ml

Instrument :
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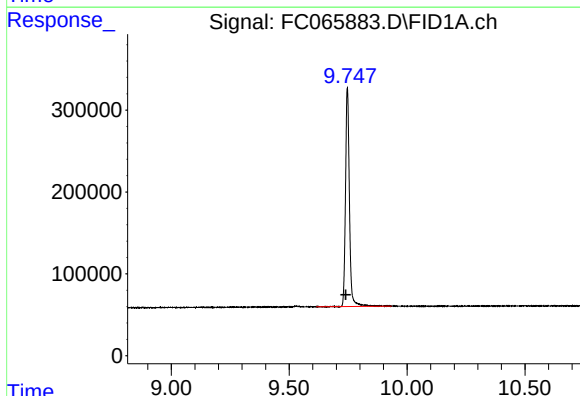
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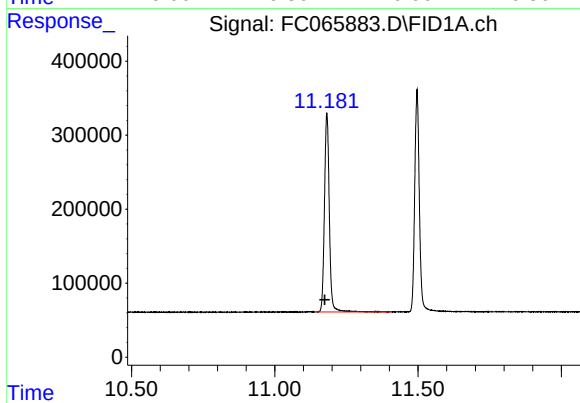
#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.007 min
Response: 2993760
Conc: 20.16 ug/ml



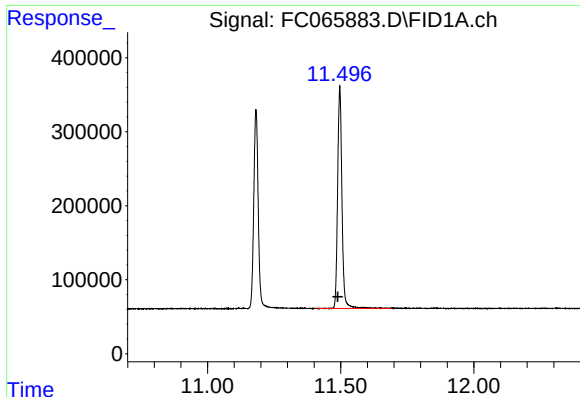
#7 n-Hexadecane (C16)

R.T.: 9.747 min
Delta R.T.: 0.007 min
Response: 3098427
Conc: 20.66 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.182 min
Delta R.T.: 0.007 min
Response: 3169312
Conc: 20.55 ug/ml



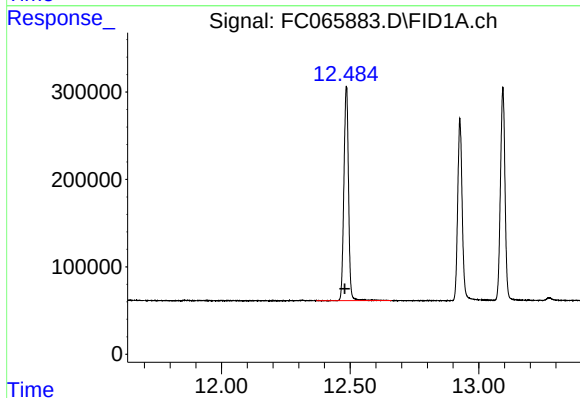
#9 ortho-Terphenyl (SURR)

R.T.: 11.496 min
Delta R.T.: 0.008 min
Response: 3403583
Conc: 19.84 ug/ml

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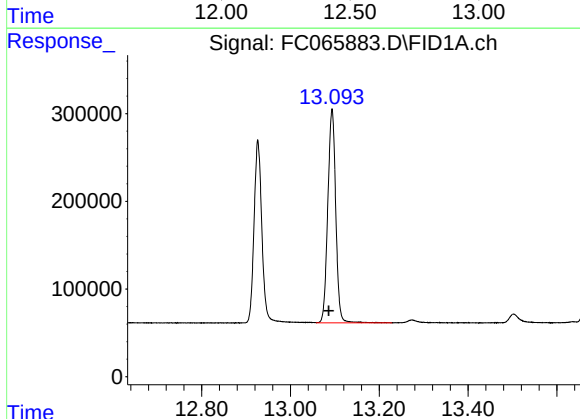
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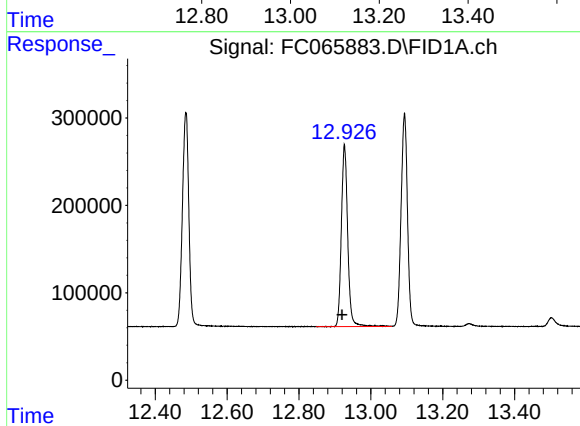
#10 n-Eicosane (C20)

R.T.: 12.485 min
Delta R.T.: 0.007 min
Response: 3059763
Conc: 20.35 ug/ml



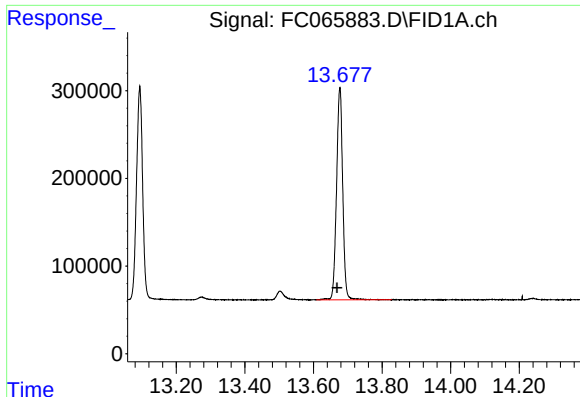
#11 n-Heneicosane (C21)

R.T.: 13.094 min
Delta R.T.: 0.007 min
Response: 3021870
Conc: 20.21 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.927 min
Delta R.T.: 0.007 min
Response: 2558093
Conc: 20.33 ug/ml



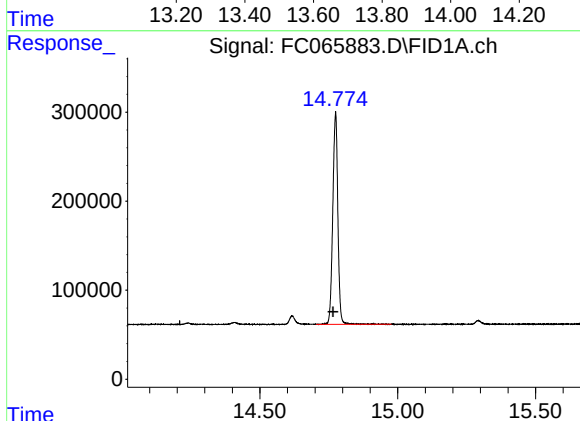
#13 n-Docosane (C22)

R.T.: 13.677 min
Delta R.T.: 0.008 min
Response: 3032189
Conc: 20.44 ug/ml

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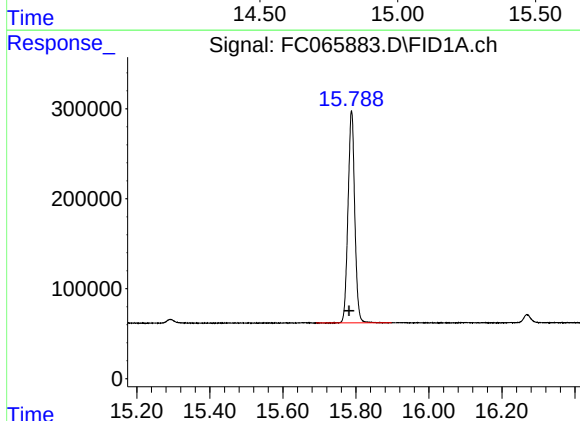
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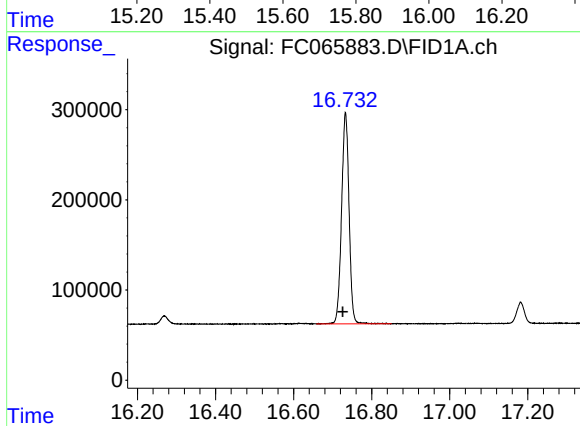
#14 n-Tetracosane (C24)

R.T.: 14.774 min
Delta R.T.: 0.008 min
Response: 3056314
Conc: 20.56 ug/ml



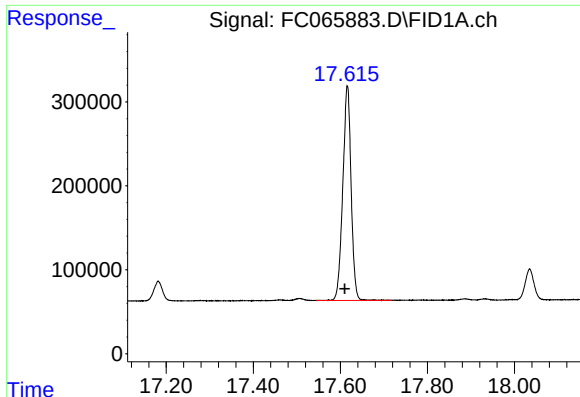
#15 n-Hexacosane (C26)

R.T.: 15.788 min
Delta R.T.: 0.007 min
Response: 3023240
Conc: 20.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.733 min
Delta R.T.: 0.007 min
Response: 3110332
Conc: 21.20 ug/ml



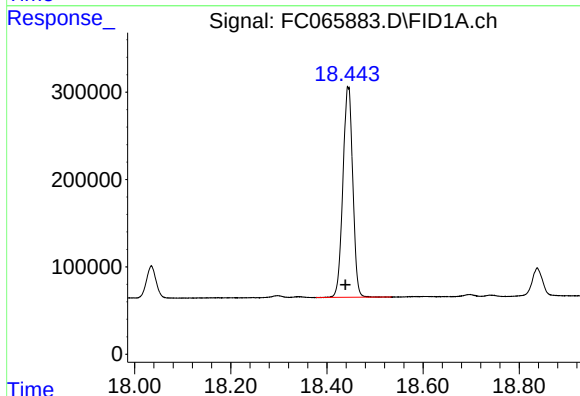
#17 n-Tricontane (C30)

R.T.: 17.616 min
Delta R.T.: 0.006 min
Response: 3390456
Conc: 22.59 ug/ml

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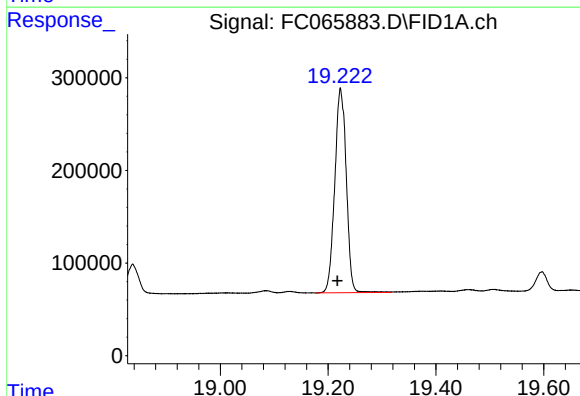
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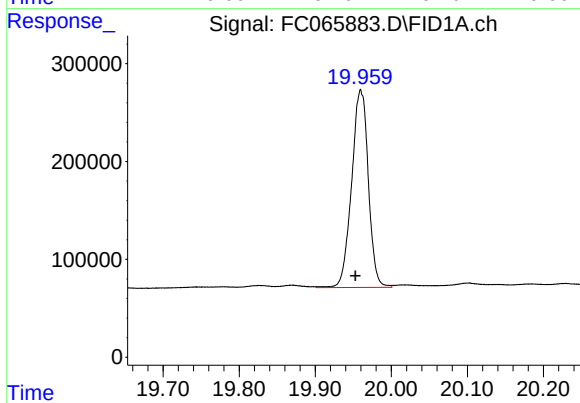
#18 n-Dotriacontane (C32)

R.T.: 18.444 min
Delta R.T.: 0.006 min
Response: 3445338
Conc: 23.30 ug/ml



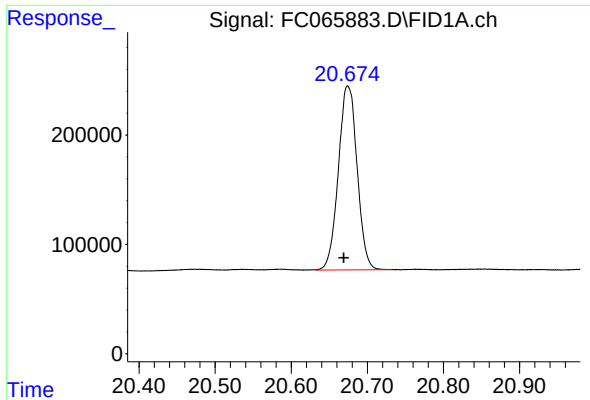
#19 n-Tetratriacontane (C34)

R.T.: 19.223 min
Delta R.T.: 0.006 min
Response: 3271450
Conc: 22.57 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.960 min
Delta R.T.: 0.007 min
Response: 3080751
Conc: 21.70 ug/ml



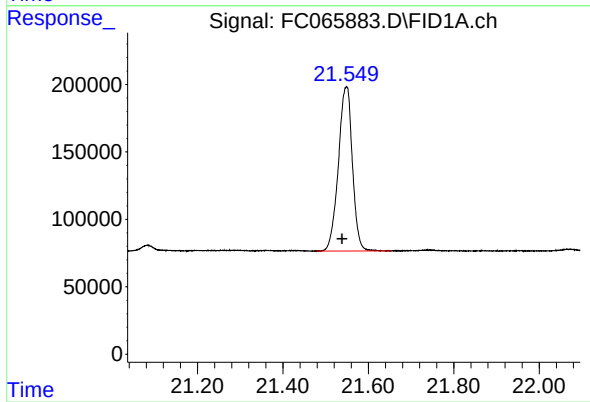
#21 n-Octatriacontane (C38)

R.T.: 20.674 min
Delta R.T.: 0.005 min
Response: 2883263
Conc: 20.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.548 min
Delta R.T.: 0.010 min
Response: 2777877
Conc: 19.91 ug/ml