

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022624AL\
 Data File : FC065858.D
 Signal(s) : FID1A.ch
 Acq On : 26 Feb 2024 13:39
 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 02/27/2024
 Supervised By :Ankita Jodhani 02/27/2024

Integration File: autoint1.e
 Quant Time: Feb 27 02:23:24 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	3477726	20.274 ug/ml
Spiked Amount 50.000		Recovery =	40.55%
12) S 1-chlorooctadecane (S...	12.929	2613276	20.765 ug/ml
Spiked Amount 50.000		Recovery =	41.53%
Target Compounds			
1) T n-Nonane (C9)	3.287	2977209	19.817 ug/ml
2) T n-Decane (C10)	4.351	3117292	20.503 ug/ml
3) T A~Naphthalene (C11.7)	5.938	3335472	21.629 ug/ml
4) T n-Dodecane (C12)	6.364	3130645	20.455 ug/ml
5) T A~2-methylnaphthalene...	6.994	3101354	21.779 ug/ml
6) T n-Tetradecane (C14)	8.154	3076166	20.720 ug/ml
7) T n-Hexadecane (C16)	9.749	3183133	21.226 ug/ml
8) T n-Octadecane (C18)	11.184	3216824	20.854 ug/ml
10) T n-Eicosane (C20)	12.487	3121054	20.755 ug/ml
11) T n-Heneicosane (C21)	13.096	3076955	20.574 ug/ml
13) T n-Docosane (C22)	13.679	3028516	20.418 ug/mlm
14) T n-Tetracosane (C24)	14.776	3125812	21.023 ug/ml
15) T n-Hexacosane (C26)	15.790	3124837	21.087 ug/ml
16) T n-Octacosane (C28)	16.735	3212758	21.896 ug/ml
17) T n-Tricontane (C30)	17.617	3510293	23.384 ug/ml
18) T n-Dotriacontane (C32)	18.446	3557531	24.056 ug/ml
19) T n-Tetratriacontane (C34)	19.225	3362237	23.197 ug/ml
20) T n-Hexatriacontane (C36)	19.962	3144188	22.151 ug/ml
21) T n-Octatriacontane (C38)	20.678	3027601	21.389 ug/ml
22) T n-Tetracontane (C40)	21.550	2892936	20.740 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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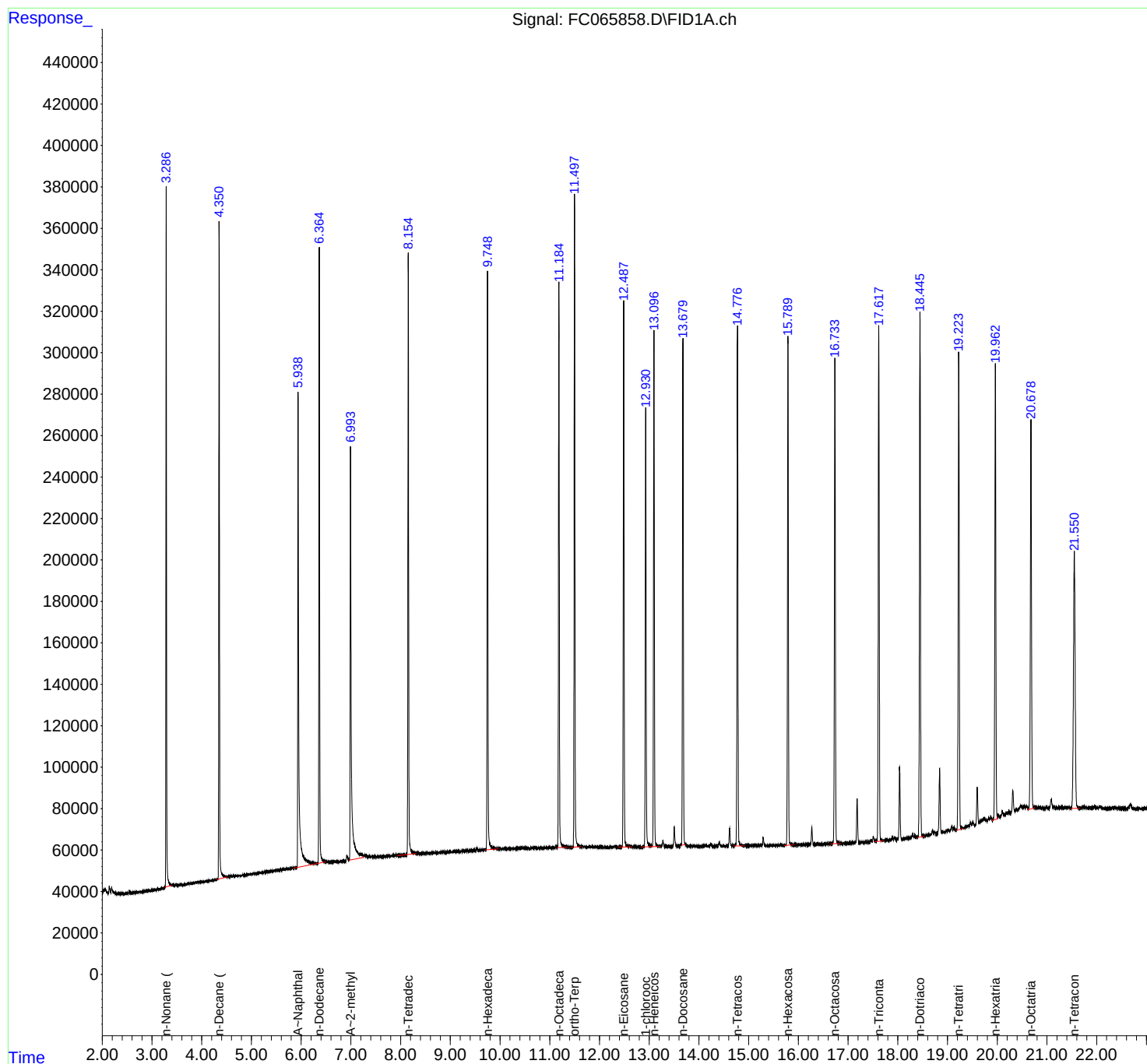
Instrument :
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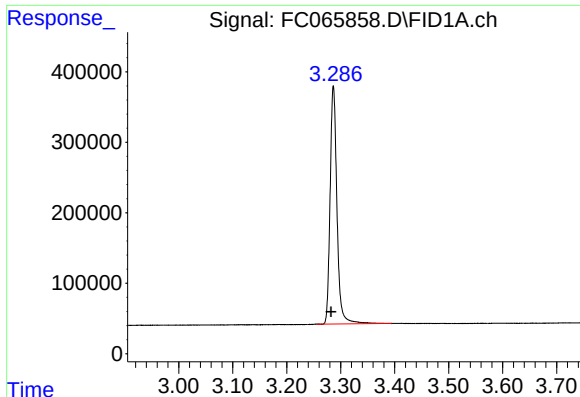
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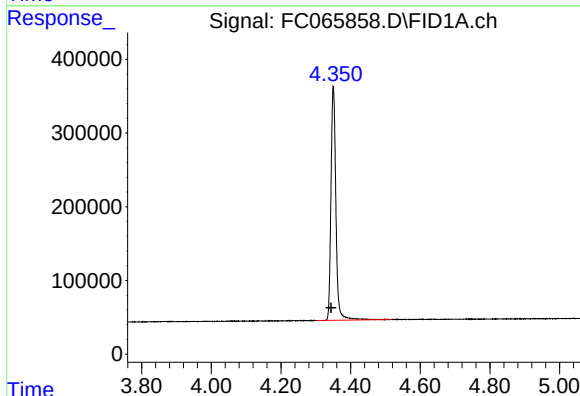
#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: 0.005 min
Response: 2977209
Conc: 19.82 ug/ml

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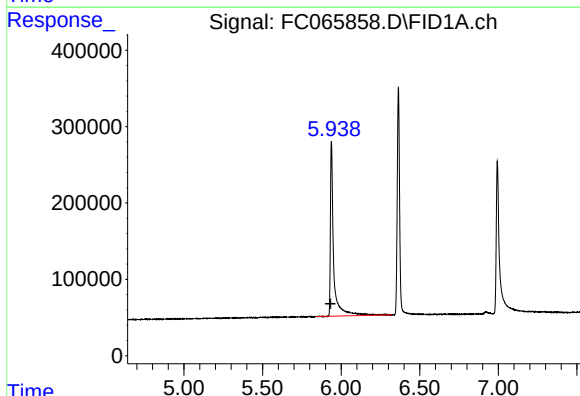
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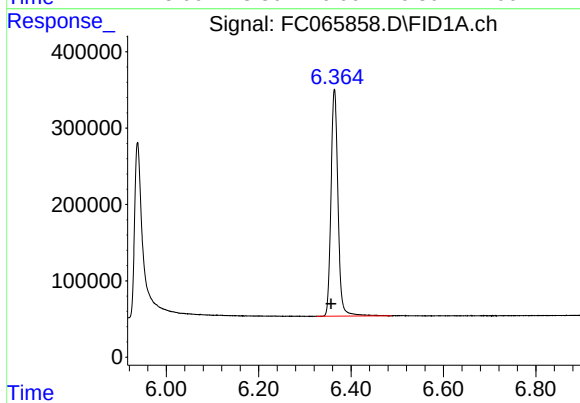
#2 n-Decane (C10)

R.T.: 4.351 min
Delta R.T.: 0.006 min
Response: 3117292
Conc: 20.50 ug/ml



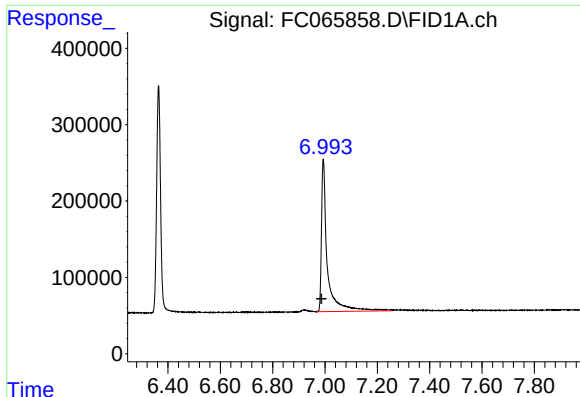
#3 A~Naphthalene (C11.7)

R.T.: 5.938 min
Delta R.T.: 0.007 min
Response: 3335472
Conc: 21.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.364 min
Delta R.T.: 0.007 min
Response: 3130645
Conc: 20.45 ug/ml



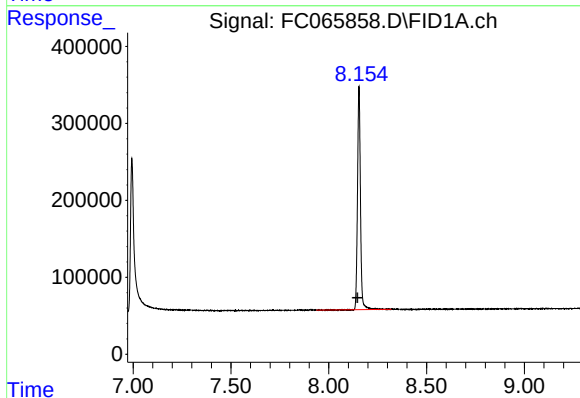
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.994 min
Delta R.T.: 0.007 min
Response: 3101354
Conc: 21.78 ug/ml

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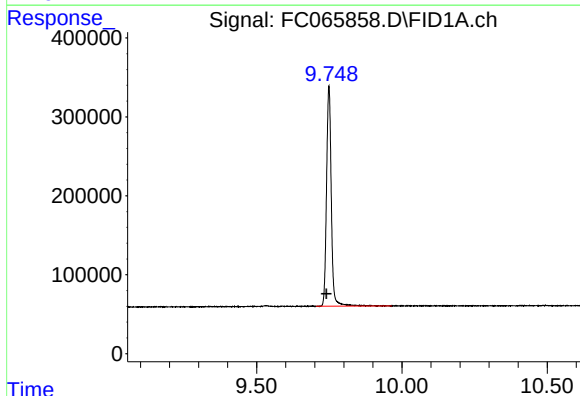
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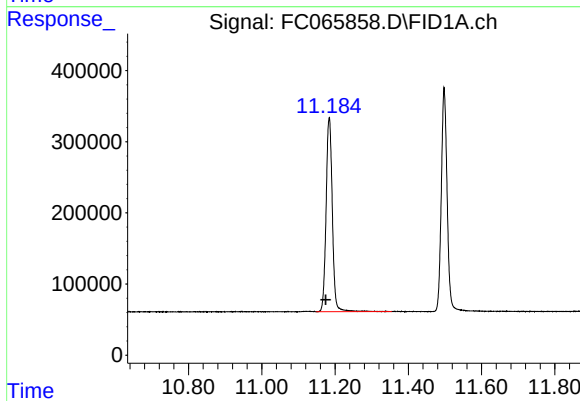
#6 n-Tetradecane (C14)

R.T.: 8.154 min
Delta R.T.: 0.009 min
Response: 3076166
Conc: 20.72 ug/ml



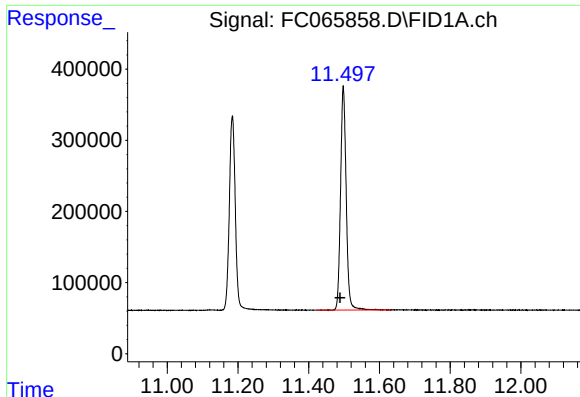
#7 n-Hexadecane (C16)

R.T.: 9.749 min
Delta R.T.: 0.008 min
Response: 3183133
Conc: 21.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.184 min
Delta R.T.: 0.010 min
Response: 3216824
Conc: 20.85 ug/ml



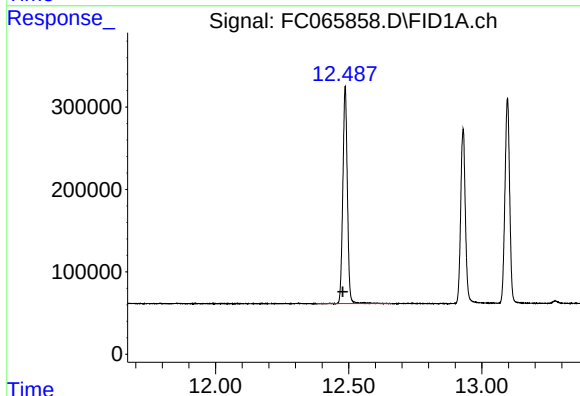
#9 ortho-Terphenyl (SURR)

R.T.: 11.498 min
Delta R.T.: 0.009 min
Response: 3477726
Conc: 20.27 ug/ml

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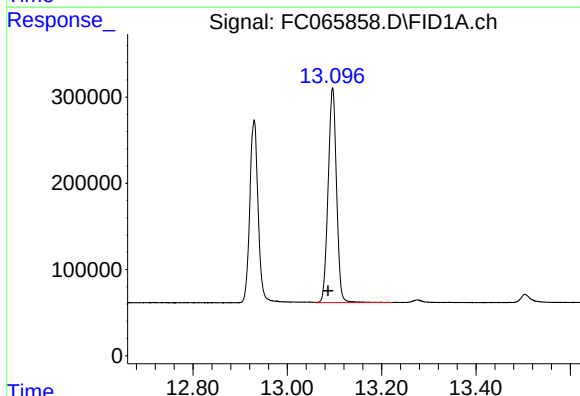
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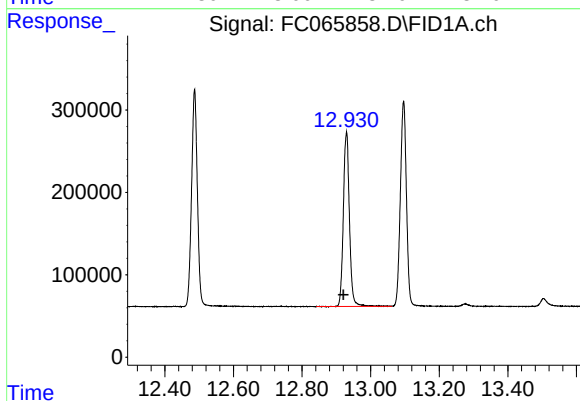
#10 n-Eicosane (C20)

R.T.: 12.487 min
Delta R.T.: 0.009 min
Response: 3121054
Conc: 20.75 ug/ml



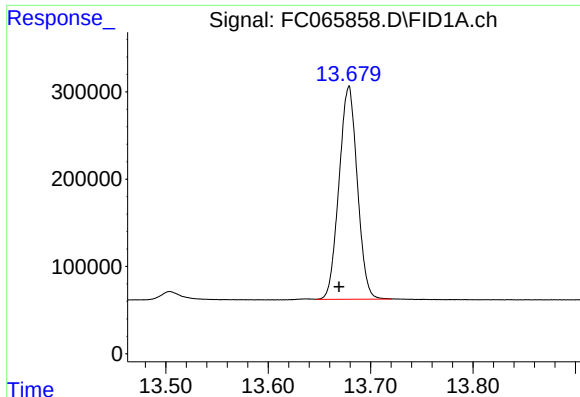
#11 n-Heneicosane (C21)

R.T.: 13.096 min
Delta R.T.: 0.010 min
Response: 3076955
Conc: 20.57 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.929 min
Delta R.T.: 0.009 min
Response: 2613276
Conc: 20.77 ug/ml



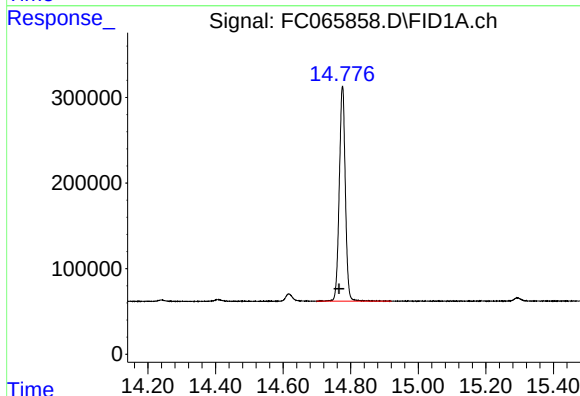
#13 n-Docosane (C22)

R.T.: 13.679 min
Delta R.T.: 0.010 min
Response: 3028516
Conc: 20.42 ug/ml

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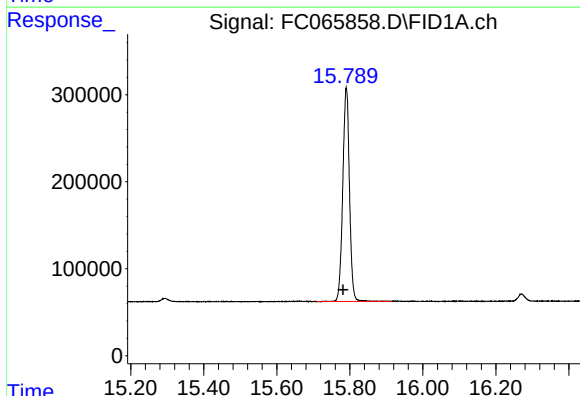
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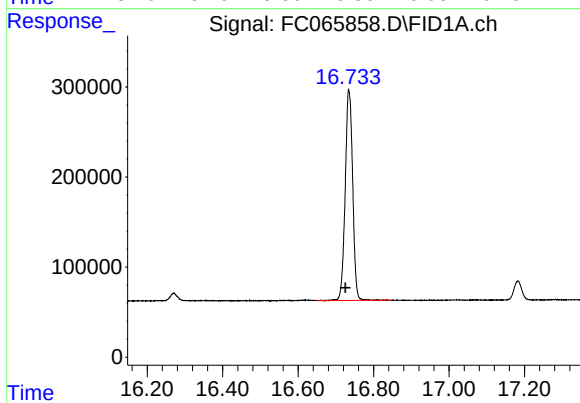
#14 n-Tetracosane (C24)

R.T.: 14.776 min
Delta R.T.: 0.010 min
Response: 3125812
Conc: 21.02 ug/ml



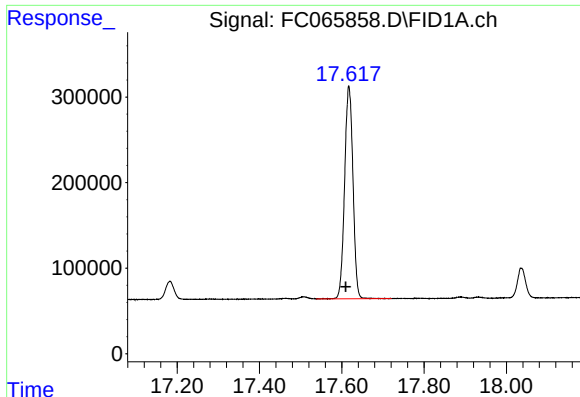
#15 n-Hexacosane (C26)

R.T.: 15.790 min
Delta R.T.: 0.009 min
Response: 3124837
Conc: 21.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.735 min
Delta R.T.: 0.009 min
Response: 3212758
Conc: 21.90 ug/ml



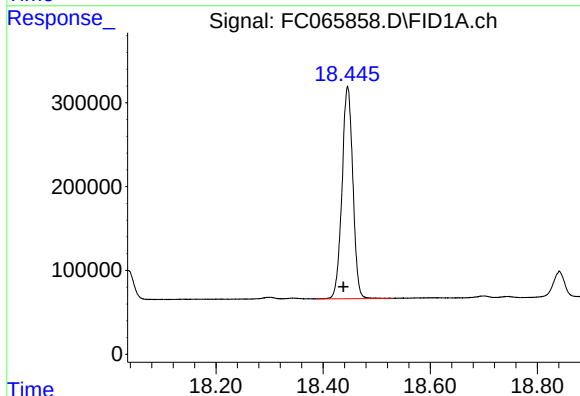
#17 n-Tricontane (C30)

R.T.: 17.617 min
Delta R.T.: 0.008 min
Response: 3510293
Conc: 23.38 ug/ml

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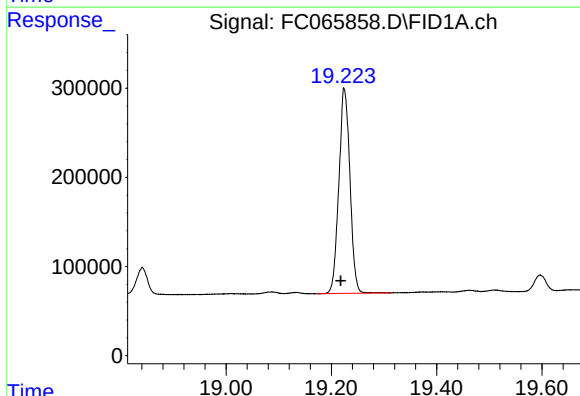
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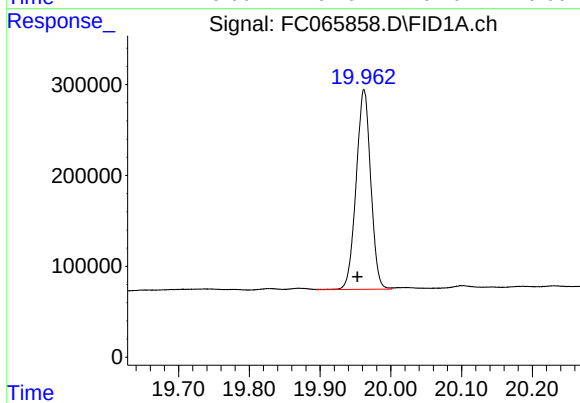
#18 n-Dotriacontane (C32)

R.T.: 18.446 min
Delta R.T.: 0.008 min
Response: 3557531
Conc: 24.06 ug/ml



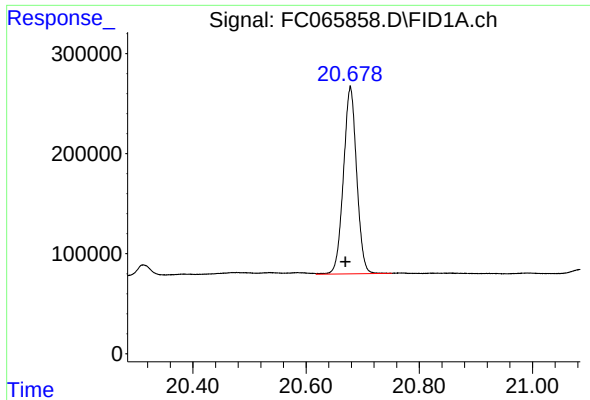
#19 n-Tetratriacontane (C34)

R.T.: 19.225 min
Delta R.T.: 0.007 min
Response: 3362237
Conc: 23.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.962 min
Delta R.T.: 0.009 min
Response: 3144188
Conc: 22.15 ug/ml



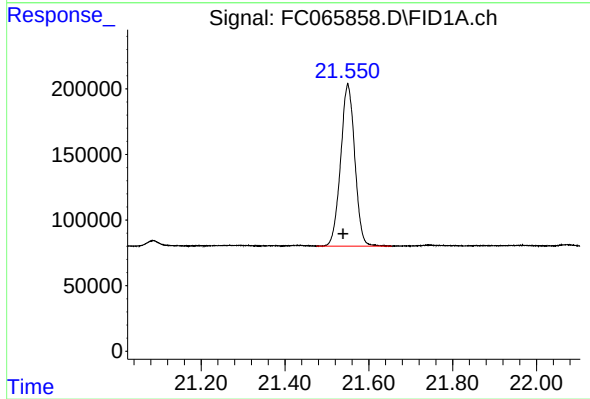
#21 n-Octatriacontane (C38)

R.T.: 20.678 min
Delta R.T.: 0.009 min
Response: 3027601
Conc: 21.39 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.550 min
Delta R.T.: 0.011 min
Response: 2892936
Conc: 20.74 ug/ml