

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031022AL\
 Data File : FC058681.D
 Signal(s) : FID1A.CH
 Acq On : 10 Mar 2022 22:23
 Operator : UA/NP
 Sample : N1845-15MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SAMPLE-15MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/11/2022
 Supervised By :Ankita Jodhani 03/11/2022

Integration File: sample.E
 Quant Time: Mar 11 01:25:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.405	3897826	26.761 ug/ml
Spiked Amount 50.000		Recovery =	53.52%
12) S 1-chlorooctadecane (S...	12.837	3167036	27.940 ug/ml
Spiked Amount 50.000		Recovery =	55.88%
Target Compounds			
1) T n-Nonane (C9)	3.256	3067523	25.509 ug/ml
2) T n-Decane (C10)	4.308	3601929	30.269 ug/ml
3) T A~Naphthalene (C11.7)	5.870	4271496	32.913 ug/ml
4) T n-Dodecane (C12)	6.302	4168882	33.888 ug/ml
5) T A~2-methylnaphthalene...	6.915	4539279	34.818 ug/ml
6) T n-Tetradecane (C14)	8.081	4689678	37.425 ug/ml
7) T n-Hexadecane (C16)	9.667	4965709	38.560 ug/ml
8) T n-Octadecane (C18)	11.099	5087785	38.663 ug/ml
10) T n-Eicosane (C20)	12.400	4943729	37.596 ug/ml
11) T n-Heneicosane (C21)	13.007	4832070	36.563 ug/ml
13) T n-Docosane (C22)	13.590	4823017	36.995 ug/ml
14) T n-Tetracosane (C24)	14.687	4564163	35.344 ug/ml
15) T n-Hexacosane (C26)	15.706	4643640	37.539 ug/mlm
16) T n-Octacosane (C28)	16.651	4773469	40.102 ug/mlm
17) T n-Tricontane (C30)	17.536	4653444	41.341 ug/mlm
18) T n-Dotriacontane (C32)	18.365	4596698	42.748 ug/mlm
19) T n-Tetratriacontane (C34)	19.148	4858811	50.147 ug/ml
20) T n-Hexatriacontane (C36)	19.887	5175166	57.364 ug/ml
21) T n-Octatriacontane (C38)	20.594	4504457	51.762 ug/mlm
22) T n-Tetracontane (C40)	21.432	3927729	46.805 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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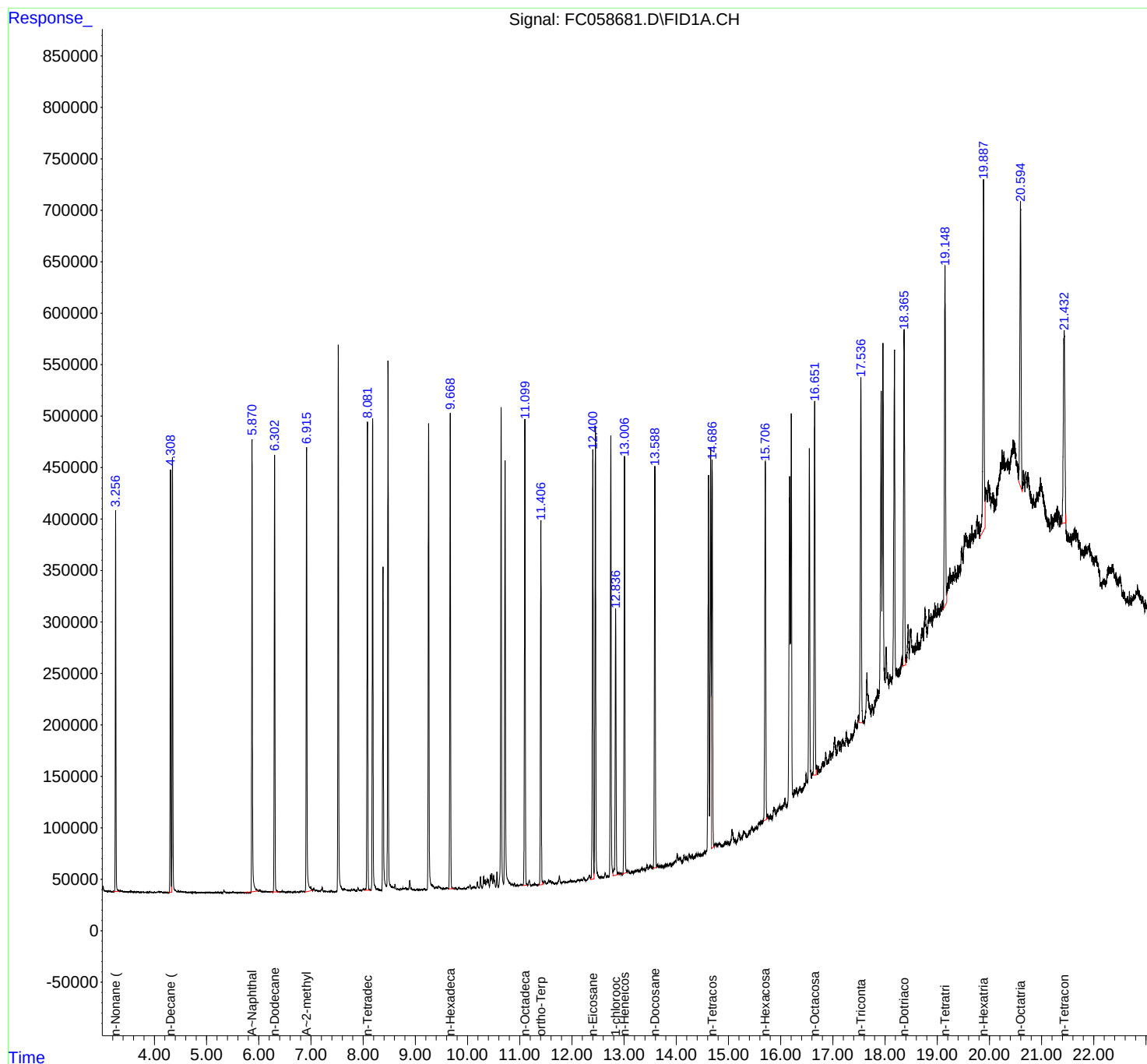
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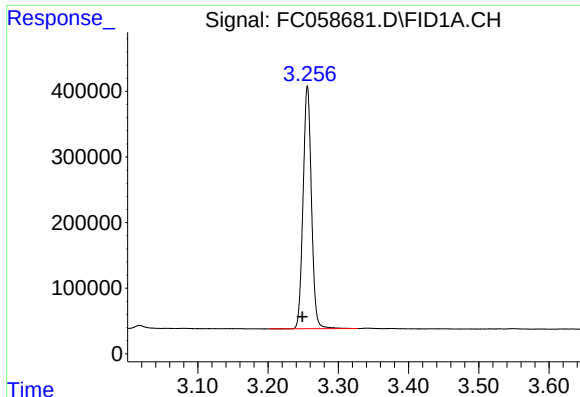
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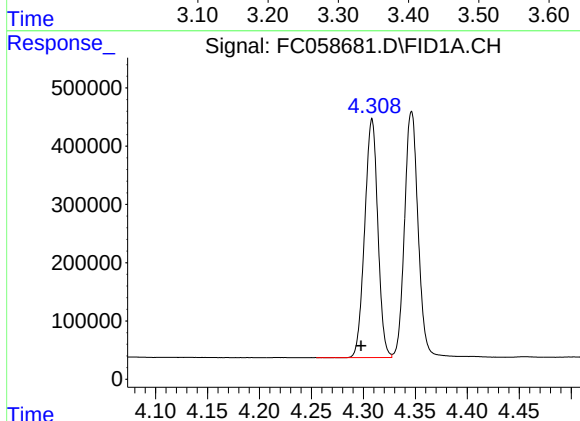
#1 n-Nonane (C9)

R.T.: 3.256 min
Delta R.T.: 0.007 min
Response: 3067523
Conc: 25.51 ug/ml

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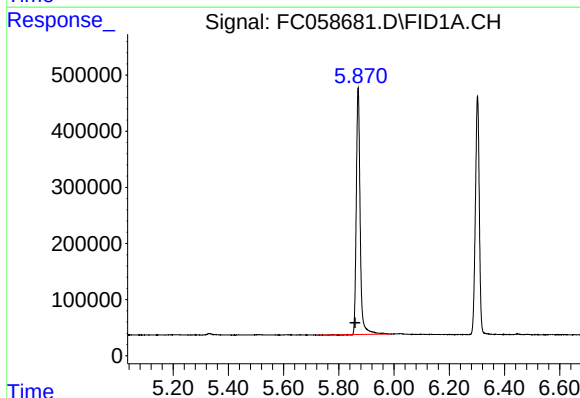
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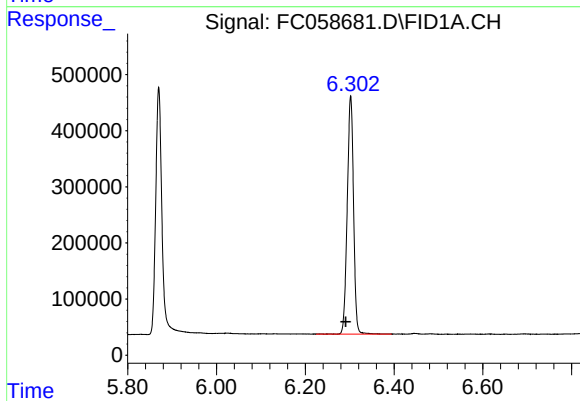
#2 n-Decane (C10)

R.T.: 4.308 min
Delta R.T.: 0.011 min
Response: 3601929
Conc: 30.27 ug/ml



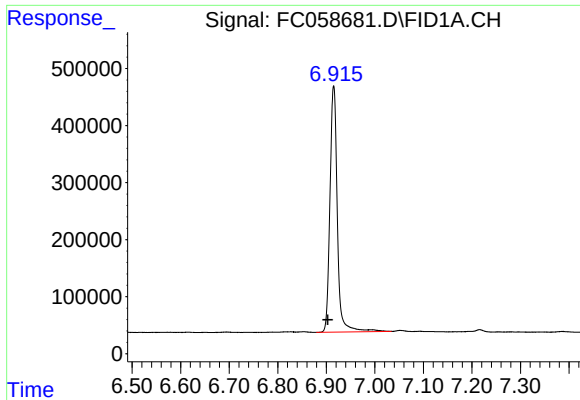
#3 A~Naphthalene (C11.7)

R.T.: 5.870 min
Delta R.T.: 0.011 min
Response: 4271496
Conc: 32.91 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.302 min
Delta R.T.: 0.011 min
Response: 4168882
Conc: 33.89 ug/ml



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

R.T.: 6.915 min
Delta R.T.: 0.013 min
Response: 4539279
Conc: 34.82 ug/ml

Instrument :

FID_C

ClientSampleId :

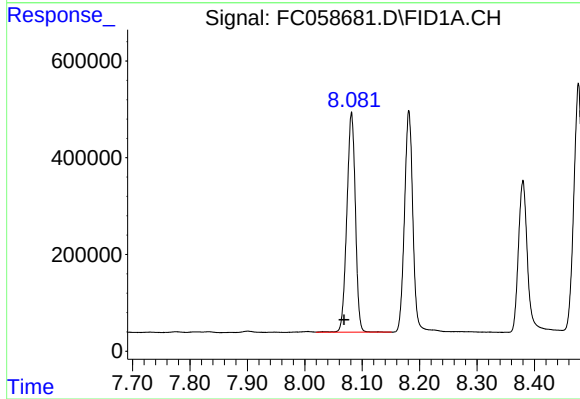
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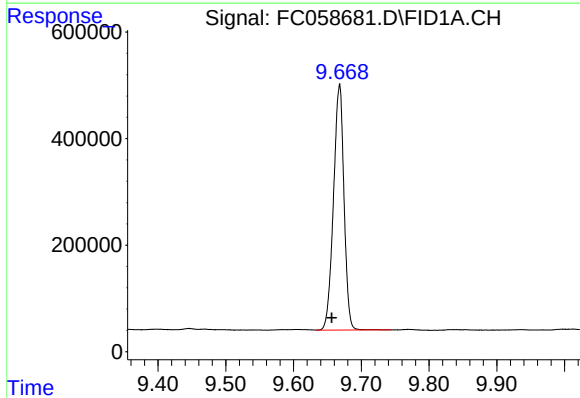
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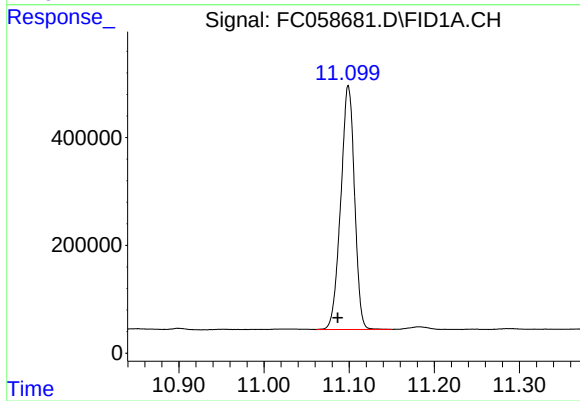
#6 n-Tetradecane (C14)

R.T.: 8.081 min
Delta R.T.: 0.013 min
Response: 4689678
Conc: 37.43 ug/ml



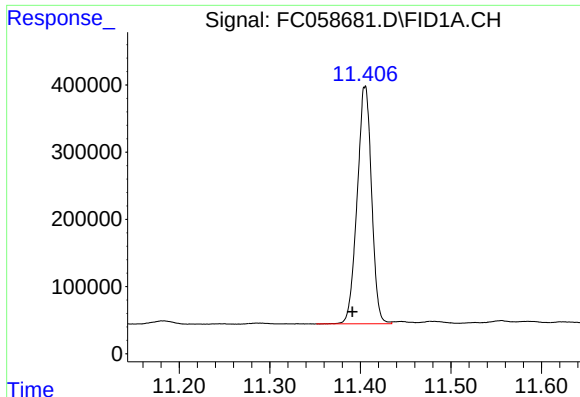
#7 n-Hexadecane (C16)

R.T.: 9.667 min
Delta R.T.: 0.011 min
Response: 4965709
Conc: 38.56 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.099 min
Delta R.T.: 0.012 min
Response: 5087785
Conc: 38.66 ug/ml



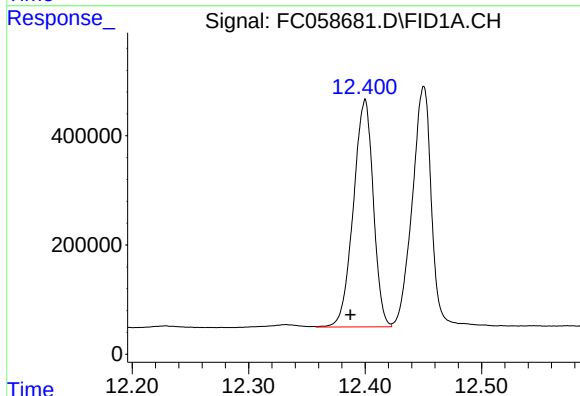
#9 ortho-Terphenyl (SURR)

R.T.: 11.405 min
Delta R.T.: 0.014 min
Response: 3897826
Conc: 26.76 ug/ml

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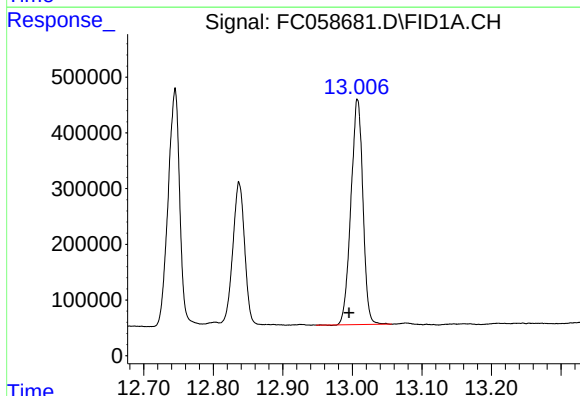
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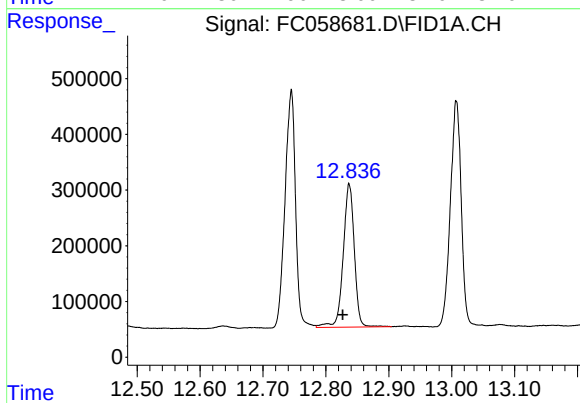
#10 n-Eicosane (C20)

R.T.: 12.400 min
Delta R.T.: 0.012 min
Response: 4943729
Conc: 37.60 ug/ml



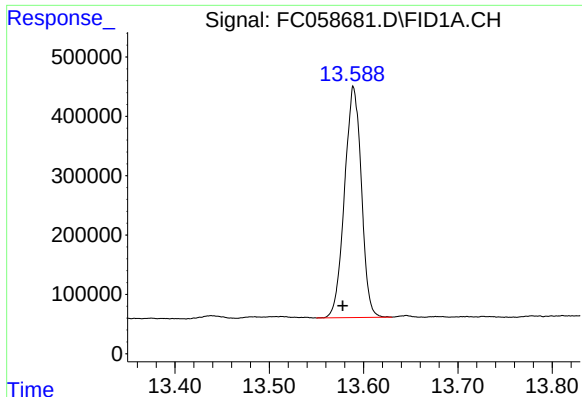
#11 n-Heneicosane (C21)

R.T.: 13.007 min
Delta R.T.: 0.012 min
Response: 4832070
Conc: 36.56 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.837 min
Delta R.T.: 0.010 min
Response: 3167036
Conc: 27.94 ug/ml



#13 n-Docosane (C22)

R.T.: 13.590 min
Delta R.T.: 0.012 min
Response: 4823017
Conc: 36.99 ug/ml

Instrument :

FID_C

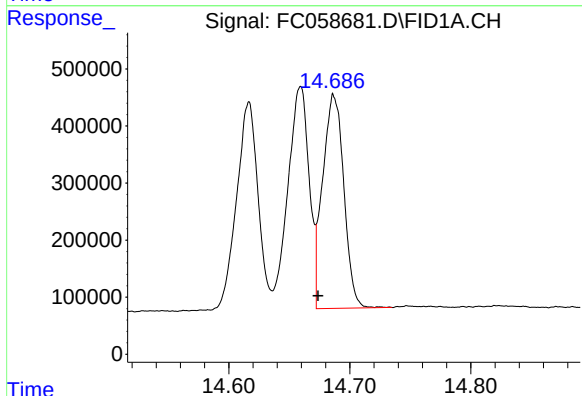
ClientSampleId :

SAMPLE-15MSD

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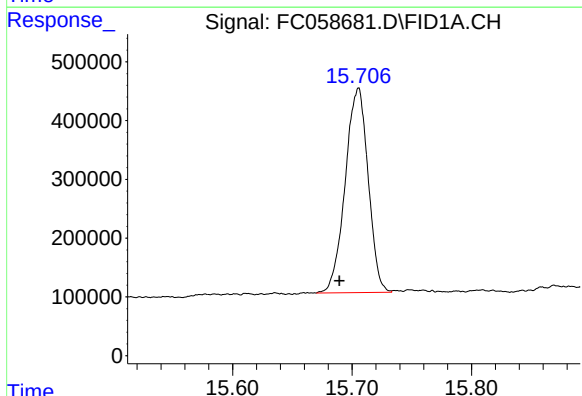
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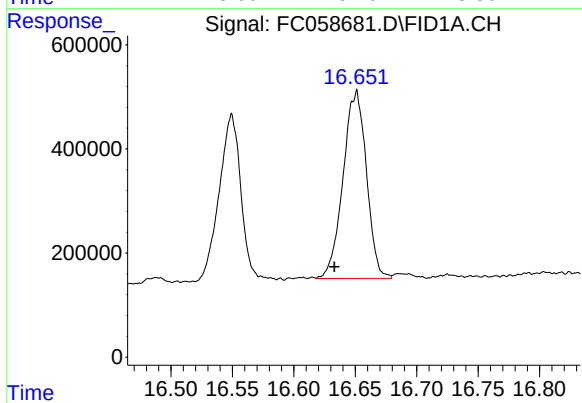
#14 n-Tetracosane (C24)

R.T.: 14.687 min
Delta R.T.: 0.013 min
Response: 4564163
Conc: 35.34 ug/ml



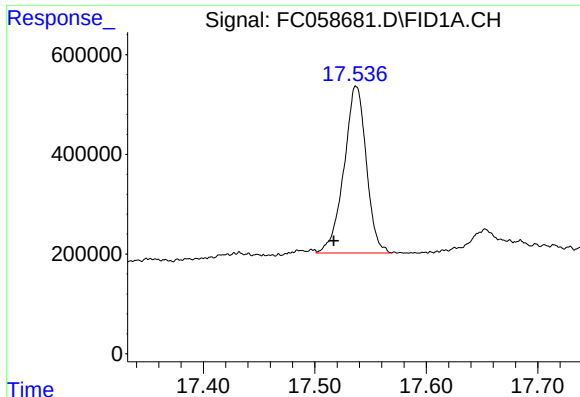
#15 n-Hexacosane (C26)

R.T.: 15.706 min
Delta R.T.: 0.016 min
Response: 4643640
Conc: 37.54 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.651 min
Delta R.T.: 0.018 min
Response: 4773469
Conc: 40.10 ug/ml m



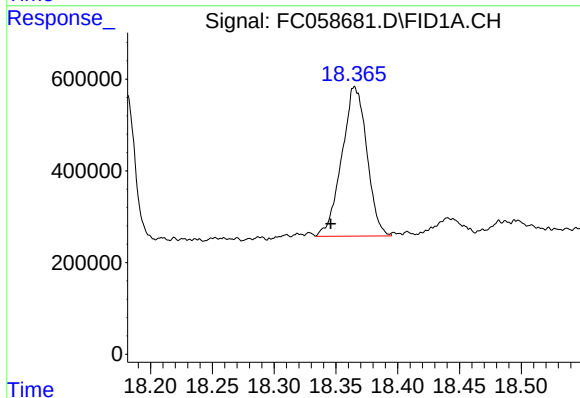
#17 n-Tricontane (C30)

R.T.: 17.536 min
Delta R.T.: 0.019 min
Response: 4653444
Conc: 41.34 ug/ml

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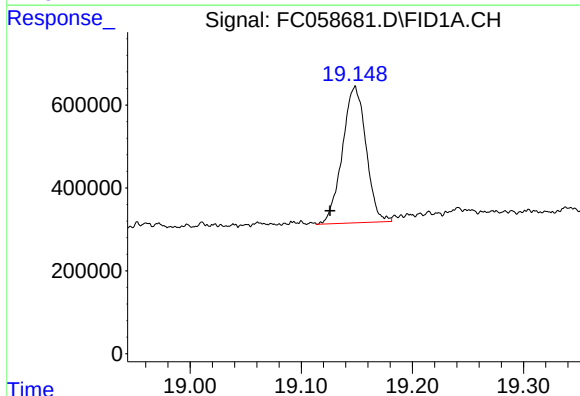
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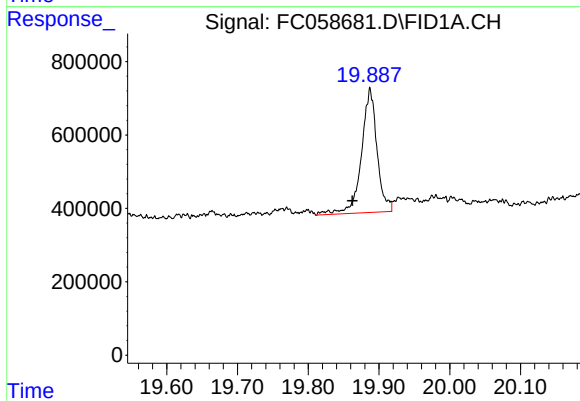
#18 n-Dotriacontane (C32)

R.T.: 18.365 min
Delta R.T.: 0.019 min
Response: 4596698
Conc: 42.75 ug/ml m



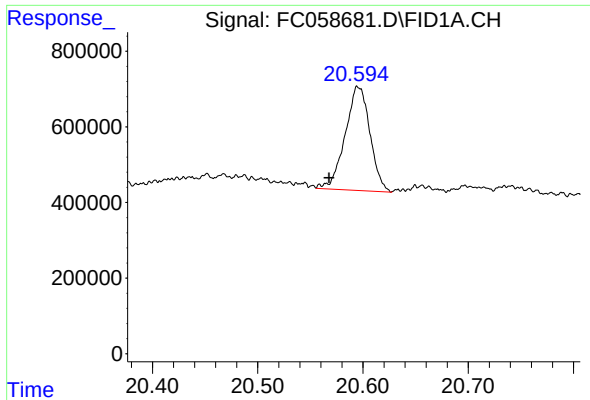
#19 n-Tetratriacontane (C34)

R.T.: 19.148 min
Delta R.T.: 0.022 min
Response: 4858811
Conc: 50.15 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.887 min
Delta R.T.: 0.025 min
Response: 5175166
Conc: 57.36 ug/ml



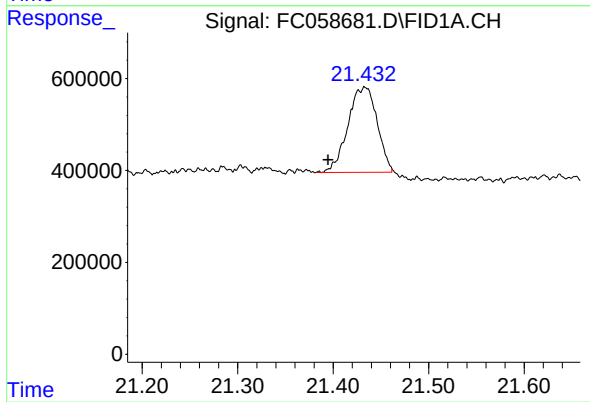
#21 n-Octatriacontane (C38)

R.T.: 20.594 min
Delta R.T.: 0.026 min
Response: 4504457
Conc: 51.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.432 min
Delta R.T.: 0.037 min
Response: 3927729
Conc: 46.80 ug/ml