

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011122AL\
 Data File : FC057844.D
 Signal(s) : FID1A.CH
 Acq On : 12 Jan 2022 1:04
 Operator : AJ\MA
 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 01/12/2022
 Supervised By :Ankita Jodhani 01/13/2022

Integration File: autoint1.e
 Quant Time: Jan 12 01:25:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 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)	10.704	3780324	19.550 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
12) S 1-chlorooctadecane (S...	12.142	2876035	19.513 ug/ml
Spiked Amount 50.000		Recovery =	39.03%
Target Compounds			
1) T n-Nonane (C9)	2.633	3171207	19.831 ug/ml
2) T n-Decane (C10)	3.623	3242941	20.176 ug/ml
3) T A~Naphthalene (C11.7)	5.161	3677941	20.255 ug/ml
4) T n-Dodecane (C12)	5.595	3262268	20.228 ug/ml
5) T A~2-methylnaphthalene...	6.201	3715564	20.318 ug/ml
6) T n-Tetradecane (C14)	7.376	3352597	20.307 ug/ml
7) T n-Hexadecane (C16)	8.967	3382476	20.249 ug/ml
8) T n-Octadecane (C18)	10.400	3442256	20.003 ug/ml
10) T n-Eicosane (C20)	11.703	3356871	19.609 ug/ml
11) T n-Heneicosane (C21)	12.312	3345125	19.345 ug/ml
13) T n-Docosane (C22)	12.895	3300522	19.078 ug/ml
14) T n-Tetracosane (C24)	13.994	3271731	18.900 ug/ml
15) T n-Hexacosane (C26)	15.010	3136339	18.637 ug/ml
16) T n-Octacosane (C28)	15.956	3167423	19.356 ug/ml
17) T n-Tricontane (C30)	16.840	3370437	21.588 ug/ml
18) T n-Dotriacontane (C32)	17.670	3238029	23.224 ug/ml
19) T n-Tetratriacontane (C34)	18.450	2836379	22.821 ug/mlm
20) T n-Hexatriacontane (C36)	19.187	2507281	22.552 ug/ml
21) T n-Octatriacontane (C38)	19.893	2334724	22.382 ug/ml
22) T n-Tetracontane (C40)	20.715	2281272	23.825 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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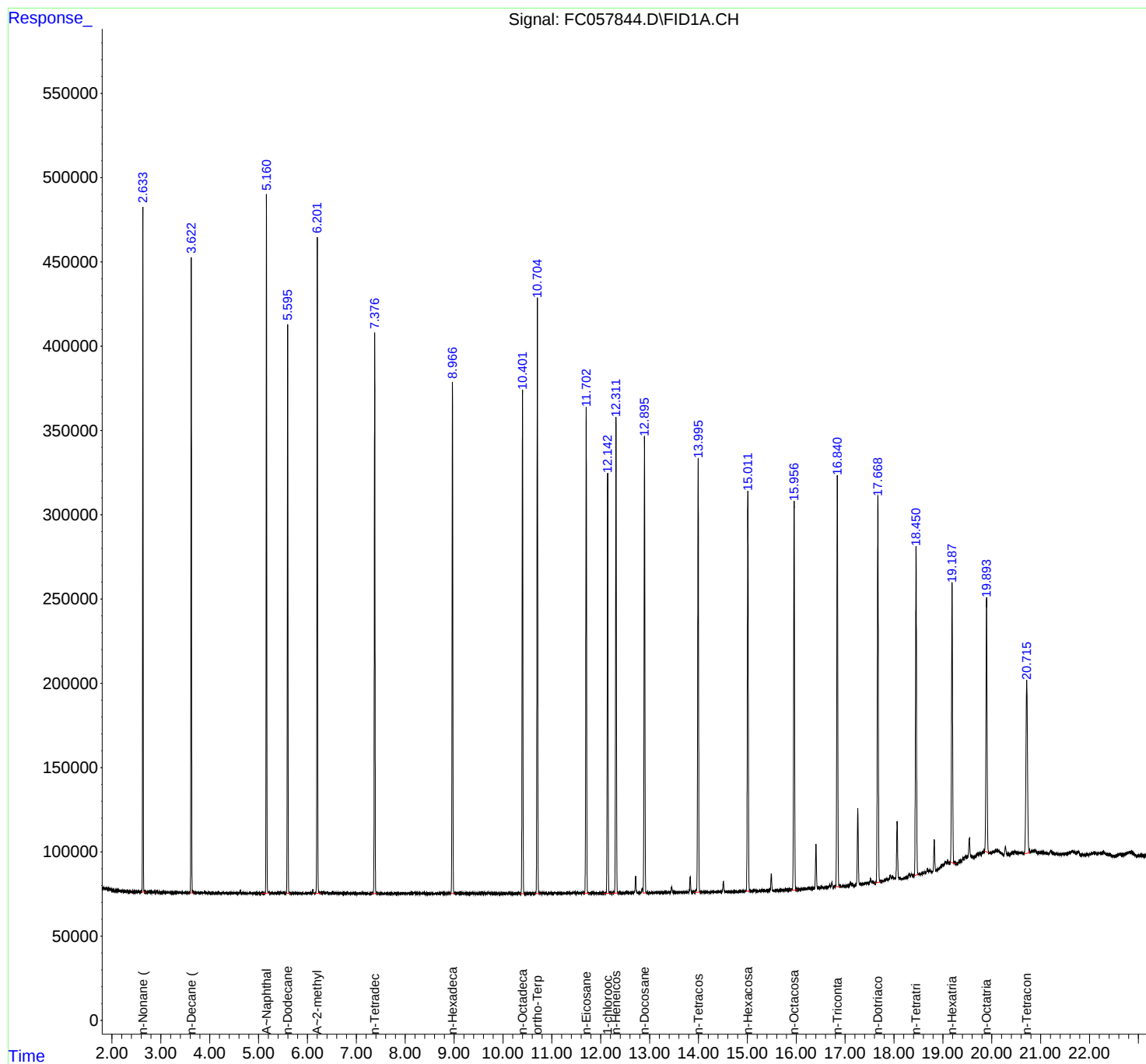
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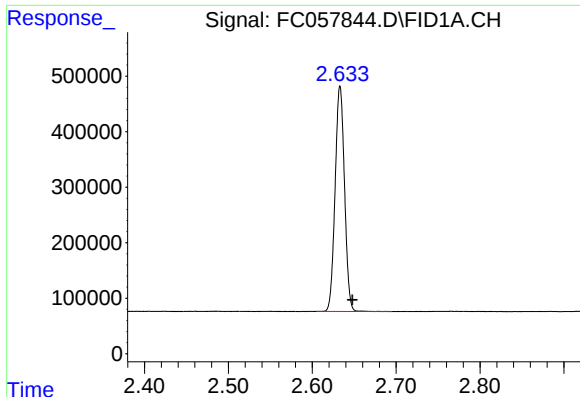
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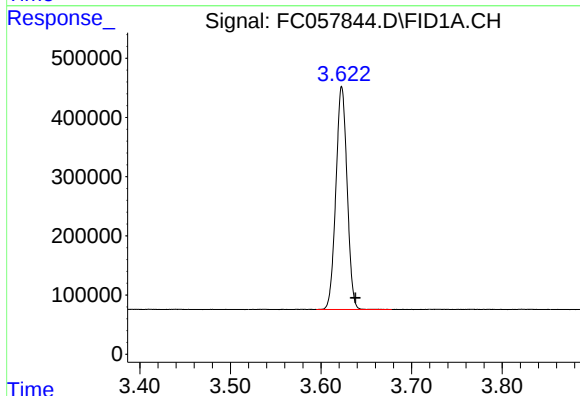
#1 n-Nonane (C9)

R.T.: 2.633 min
Delta R.T.: -0.015 min
Response: 3171207
Conc: 19.83 ug/ml

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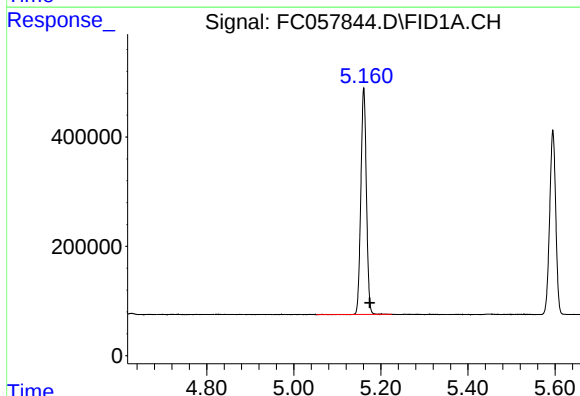
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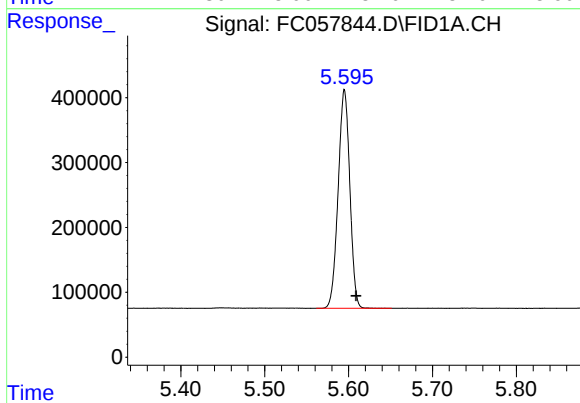
#2 n-Decane (C10)

R.T.: 3.623 min
Delta R.T.: -0.015 min
Response: 3242941
Conc: 20.18 ug/ml



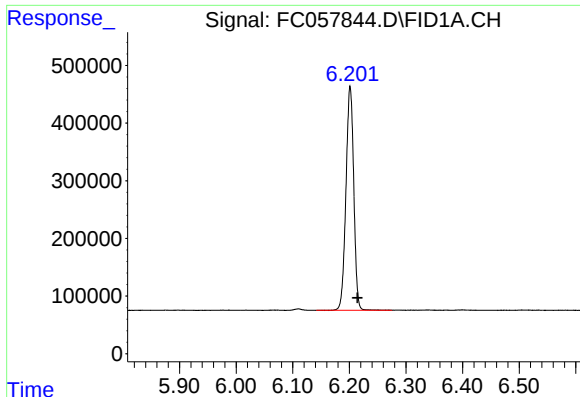
#3 A~Naphthalene (C11.7)

R.T.: 5.161 min
Delta R.T.: -0.014 min
Response: 3677941
Conc: 20.26 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.595 min
Delta R.T.: -0.014 min
Response: 3262268
Conc: 20.23 ug/ml



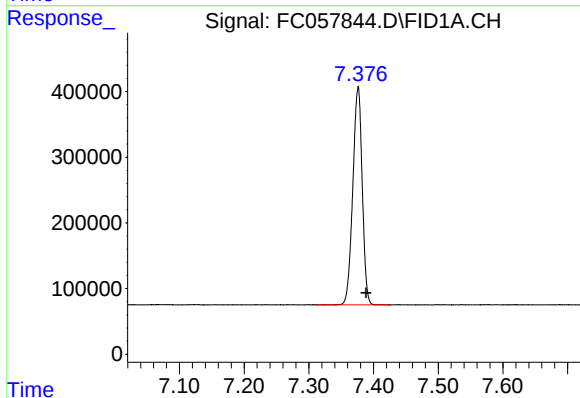
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.201 min
Delta R.T.: -0.013 min
Response: 3715564
Conc: 20.32 ug/ml

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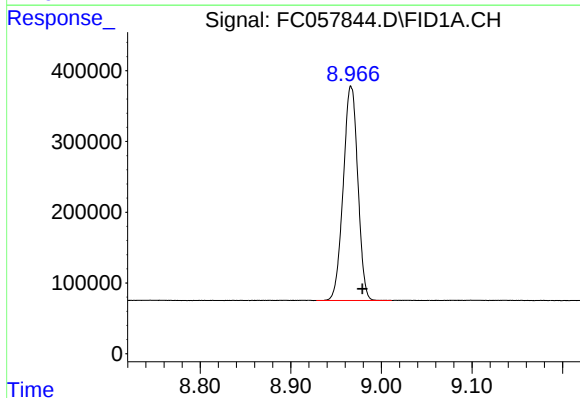
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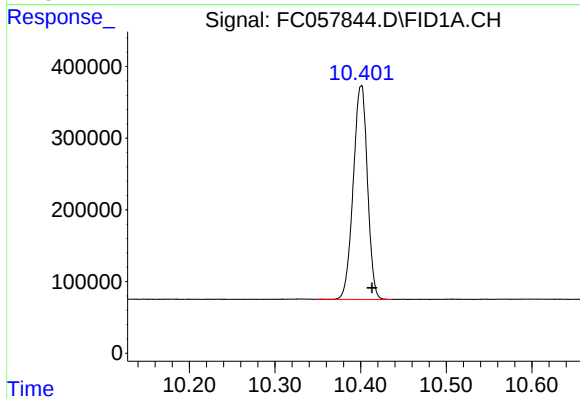
#6 n-Tetradecane (C14)

R.T.: 7.376 min
Delta R.T.: -0.013 min
Response: 3352597
Conc: 20.31 ug/ml



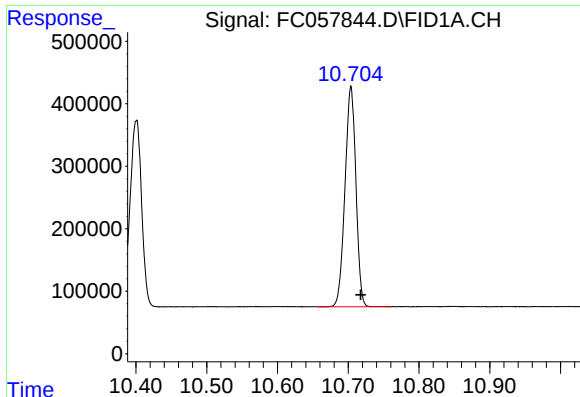
#7 n-Hexadecane (C16)

R.T.: 8.967 min
Delta R.T.: -0.012 min
Response: 3382476
Conc: 20.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.400 min
Delta R.T.: -0.013 min
Response: 3442256
Conc: 20.00 ug/ml



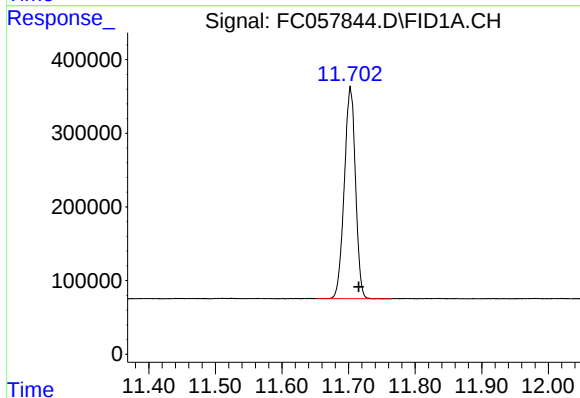
#9 ortho-Terphenyl (SURR)

R.T.: 10.704 min
Delta R.T.: -0.014 min
Response: 3780324
Conc: 19.55 ug/ml

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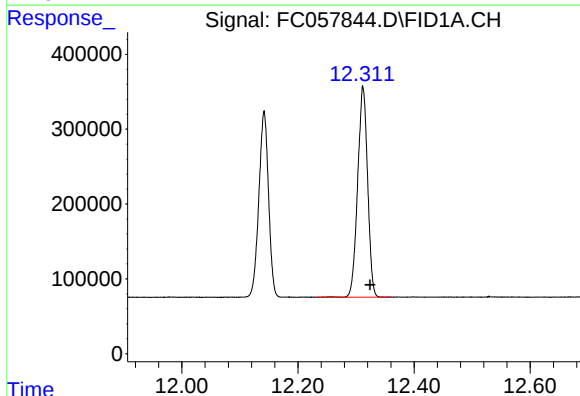
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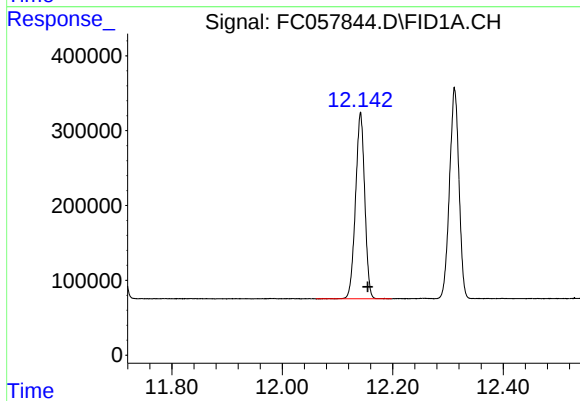
#10 n-Eicosane (C20)

R.T.: 11.703 min
Delta R.T.: -0.013 min
Response: 3356871
Conc: 19.61 ug/ml



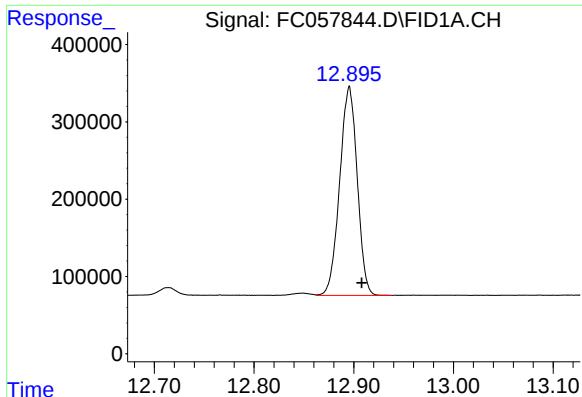
#11 n-Heneicosane (C21)

R.T.: 12.312 min
Delta R.T.: -0.012 min
Response: 3345125
Conc: 19.34 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.142 min
Delta R.T.: -0.013 min
Response: 2876035
Conc: 19.51 ug/ml



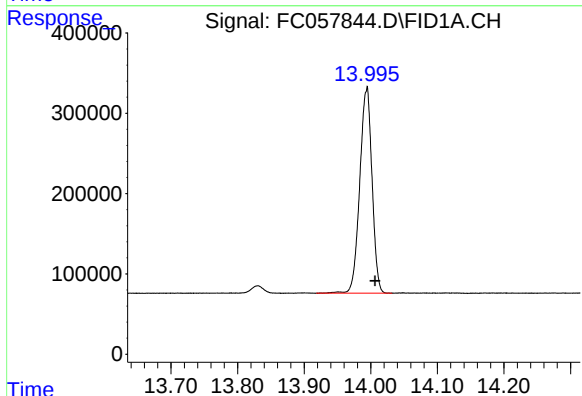
#13 n-Docosane (C22)

R.T.: 12.895 min
Delta R.T.: -0.013 min
Response: 3300522
Conc: 19.08 ug/ml

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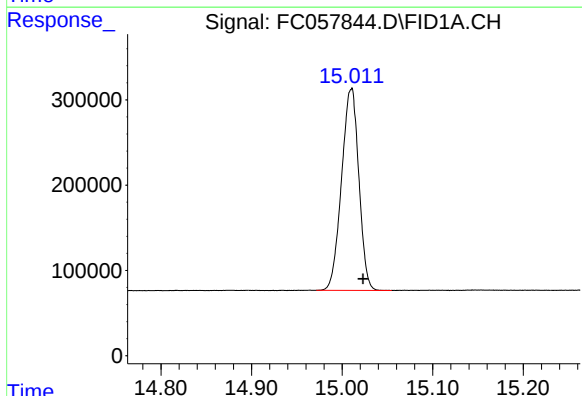
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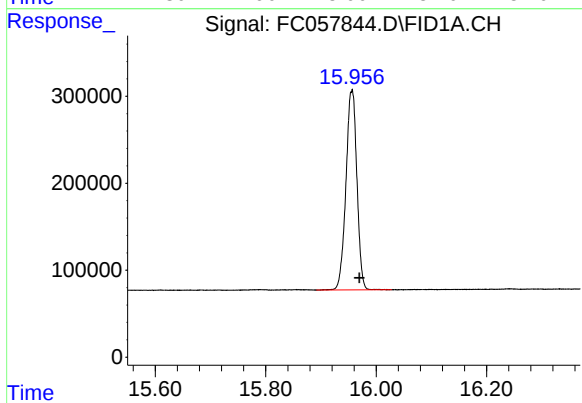
#14 n-Tetracosane (C24)

R.T.: 13.994 min
Delta R.T.: -0.013 min
Response: 3271731
Conc: 18.90 ug/ml



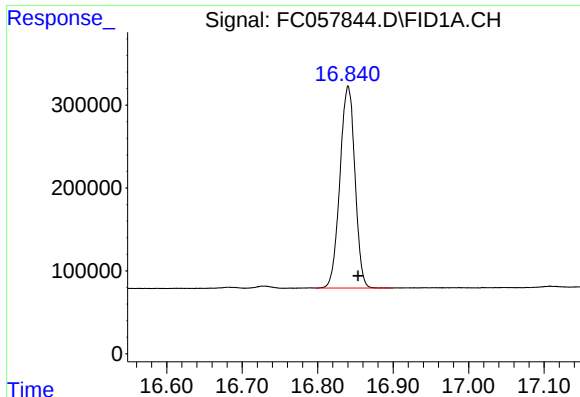
#15 n-Hexacosane (C26)

R.T.: 15.010 min
Delta R.T.: -0.013 min
Response: 3136339
Conc: 18.64 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.956 min
Delta R.T.: -0.014 min
Response: 3167423
Conc: 19.36 ug/ml



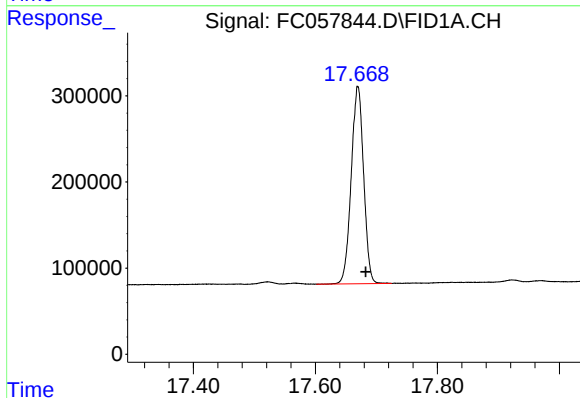
#17 n-Tricontane (C30)

R.T.: 16.840 min
Delta R.T.: -0.013 min
Response: 3370437
Conc: 21.59 ug/ml

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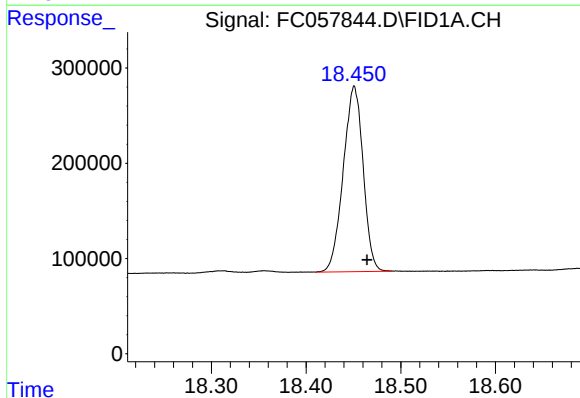
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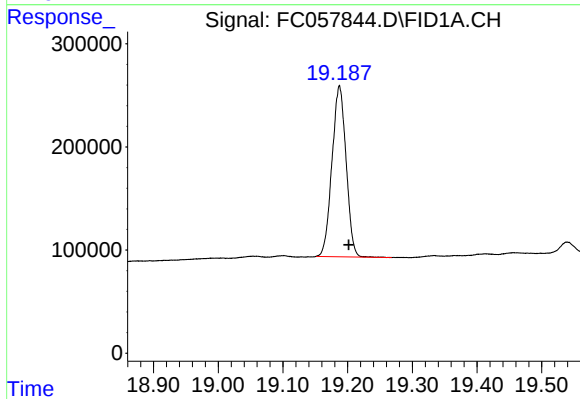
#18 n-Dotriacontane (C32)

R.T.: 17.670 min
Delta R.T.: -0.013 min
Response: 3238029
Conc: 23.22 ug/ml



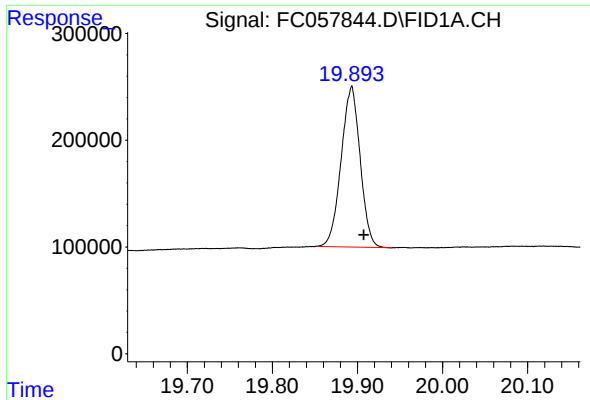
#19 n-Tetratriacontane (C34)

R.T.: 18.450 min
Delta R.T.: -0.014 min
Response: 2836379
Conc: 22.82 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.187 min
Delta R.T.: -0.014 min
Response: 2507281
Conc: 22.55 ug/ml



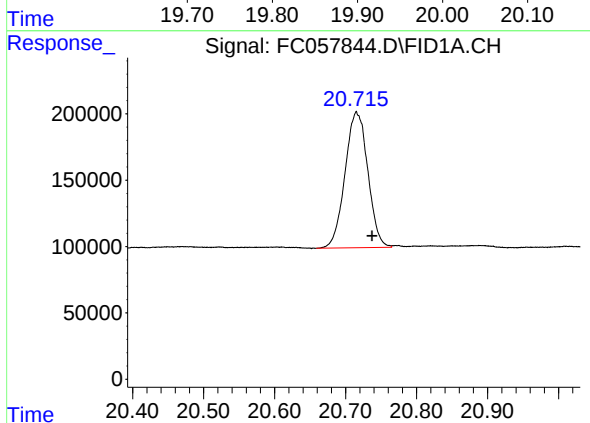
#21 n-Octatriacontane (C38)

R.T.: 19.893 min
Delta R.T.: -0.015 min
Response: 2334724
Conc: 22.38 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.715 min
Delta R.T.: -0.022 min
Response: 2281272
Conc: 23.82 ug/ml m