

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011822AL\
 Data File : FC057980.D
 Signal(s) : FID1A.CH
 Acq On : 18 Jan 2022 22:34
 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 01/19/2022
 Supervised By :Ankita Jodhani 01/19/2022

Integration File: autoint1.e
 Quant Time: Jan 19 00:44:44 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)	10.703	4248677	21.972 ug/ml
Spiked Amount 50.000		Recovery =	43.94%
12) S 1-chlorooctadecane (S...	12.140	3217613	21.831 ug/ml
Spiked Amount 50.000		Recovery =	43.66%
Target Compounds			
1) T n-Nonane (C9)	2.632	3787499	23.685 ug/ml
2) T n-Decane (C10)	3.621	3846776	23.933 ug/ml
3) T A~Naphthalene (C11.7)	5.159	4326198	23.825 ug/ml
4) T n-Dodecane (C12)	5.593	3886060	24.095 ug/ml
5) T A~2-methylnaphthalene...	6.200	4345506	23.763 ug/ml
6) T n-Tetradecane (C14)	7.374	3969531	24.044 ug/ml
7) T n-Hexadecane (C16)	8.965	3957106	23.690 ug/ml
8) T n-Octadecane (C18)	10.399	3965208	23.042 ug/ml
10) T n-Eicosane (C20)	11.701	3814390	22.281 ug/ml
11) T n-Heneicosane (C21)	12.310	3790171	21.918 ug/ml
13) T n-Docosane (C22)	12.894	3682374	21.285 ug/ml
14) T n-Tetracosane (C24)	13.991	3542995	20.467 ug/ml
15) T n-Hexacosane (C26)	15.008	3365954	20.001 ug/ml
16) T n-Octacosane (C28)	15.954	3269392	19.979 ug/ml
17) T n-Tricontane (C30)	16.839	3187675	20.418 ug/ml
18) T n-Dotriacontane (C32)	17.669	2938797	21.078 ug/ml
19) T n-Tetratriacontane (C34)	18.450	2637094	21.217 ug/mlm
20) T n-Hexatriacontane (C36)	19.186	2245305	20.195 ug/ml
21) T n-Octatriacontane (C38)	19.892	1915947	18.367 ug/ml
22) T n-Tetracontane (C40)	20.717	1751789	18.295 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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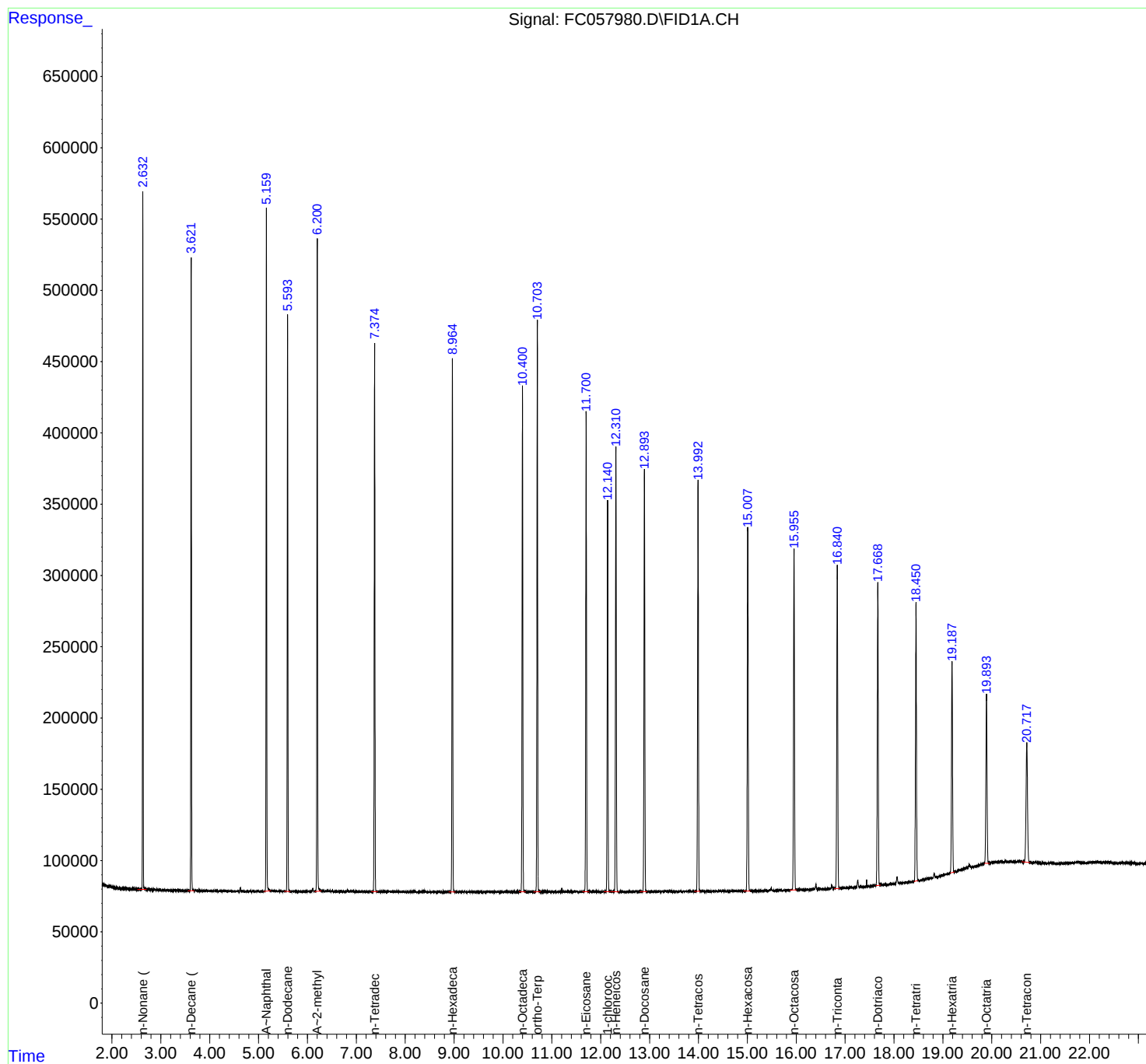
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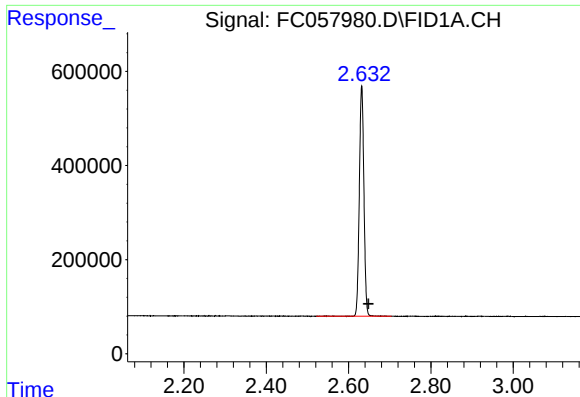
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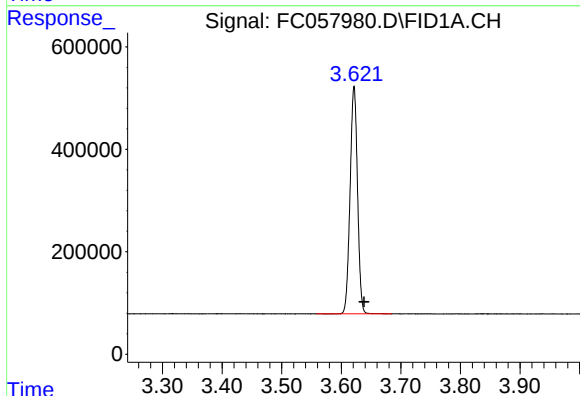
#1 n-Nonane (C9)

R.T.: 2.632 min
Delta R.T.: -0.016 min
Response: 3787499
Conc: 23.68 ug/ml

Instrument :
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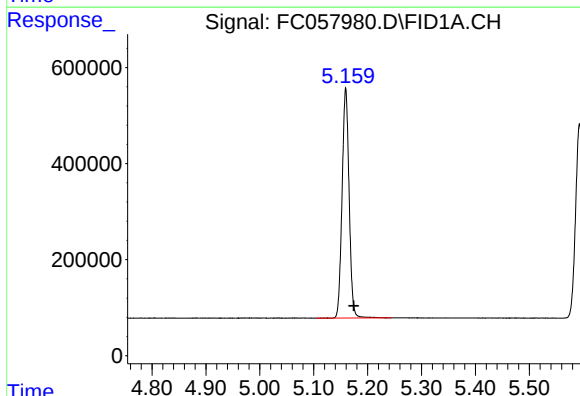
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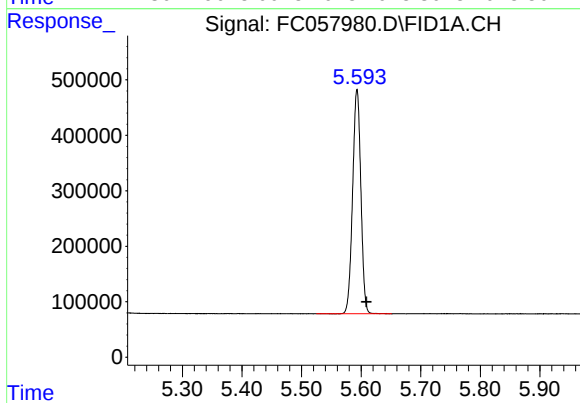
#2 n-Decane (C10)

R.T.: 3.621 min
Delta R.T.: -0.017 min
Response: 3846776
Conc: 23.93 ug/ml



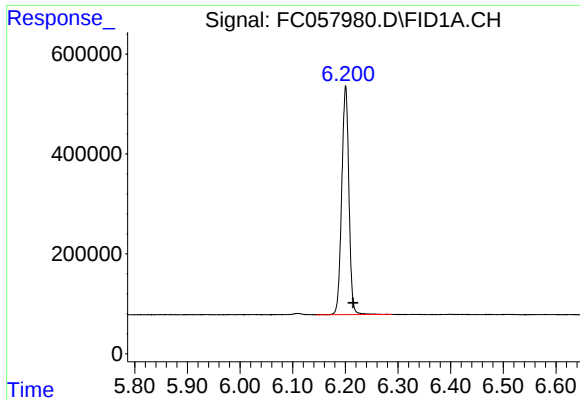
#3 A~Naphthalene (C11.7)

R.T.: 5.159 min
Delta R.T.: -0.015 min
Response: 4326198
Conc: 23.83 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.593 min
Delta R.T.: -0.016 min
Response: 3886060
Conc: 24.10 ug/ml



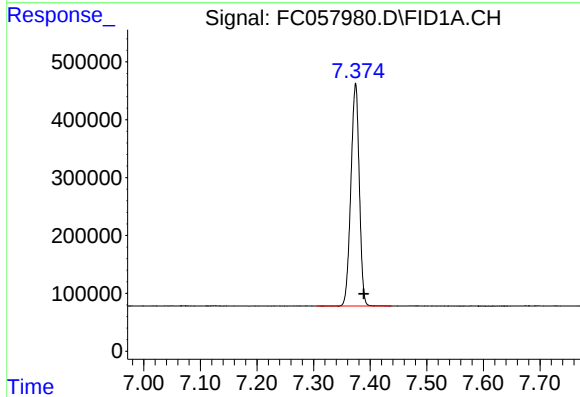
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.200 min
Delta R.T.: -0.014 min
Response: 4345506
Conc: 23.76 ug/ml

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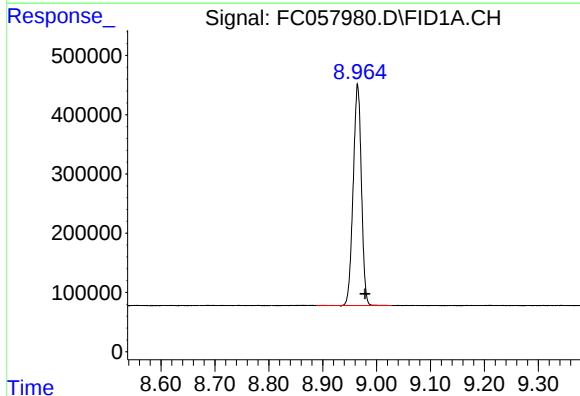
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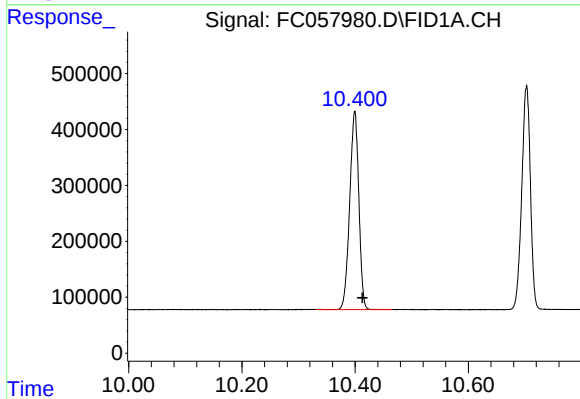
#6 n-Tetradecane (C14)

R.T.: 7.374 min
Delta R.T.: -0.015 min
Response: 3969531
Conc: 24.04 ug/ml



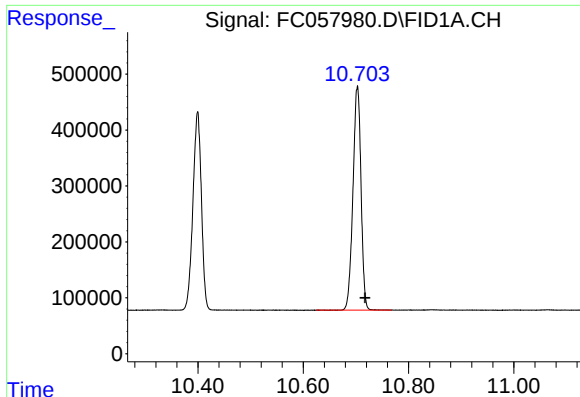
#7 n-Hexadecane (C16)

R.T.: 8.965 min
Delta R.T.: -0.014 min
Response: 3957106
Conc: 23.69 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.399 min
Delta R.T.: -0.014 min
Response: 3965208
Conc: 23.04 ug/ml



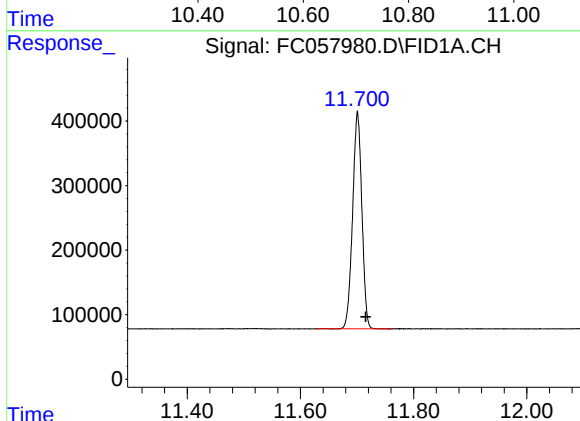
#9 ortho-Terphenyl (SURR)

R.T.: 10.703 min
Delta R.T.: -0.015 min
Response: 4248677
Conc: 21.97 ug/ml

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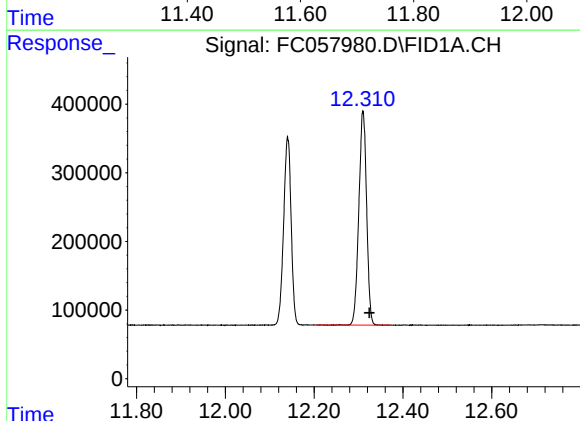
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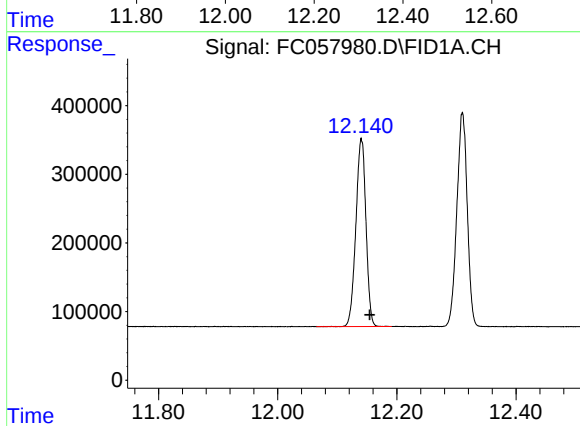
#10 n-Eicosane (C20)

R.T.: 11.701 min
Delta R.T.: -0.014 min
Response: 3814390
Conc: 22.28 ug/ml



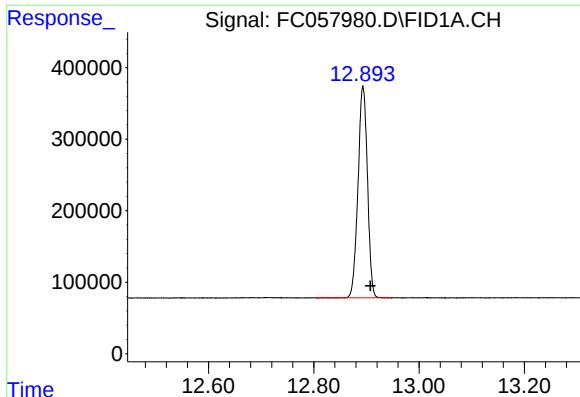
#11 n-Heneicosane (C21)

R.T.: 12.310 min
Delta R.T.: -0.014 min
Response: 3790171
Conc: 21.92 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.140 min
Delta R.T.: -0.014 min
Response: 3217613
Conc: 21.83 ug/ml



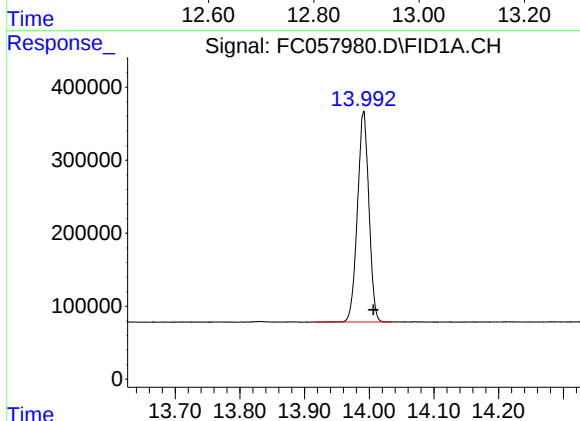
#13 n-Docosane (C22)

R.T.: 12.894 min
Delta R.T.: -0.014 min
Response: 3682374
Conc: 21.28 ug/ml

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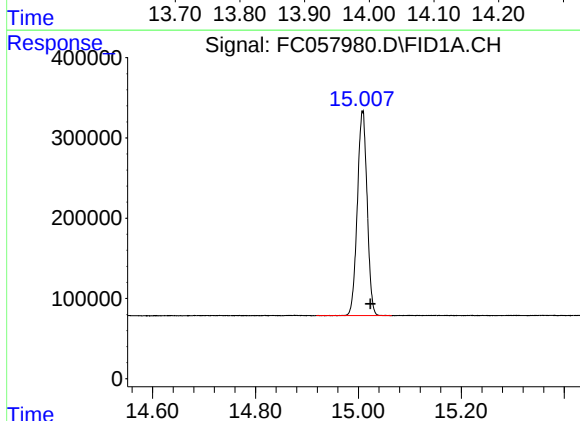
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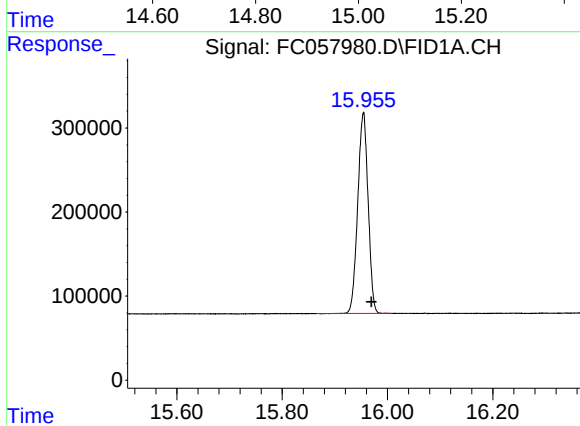
#14 n-Tetracosane (C24)

R.T.: 13.991 min
Delta R.T.: -0.015 min
Response: 3542995
Conc: 20.47 ug/ml



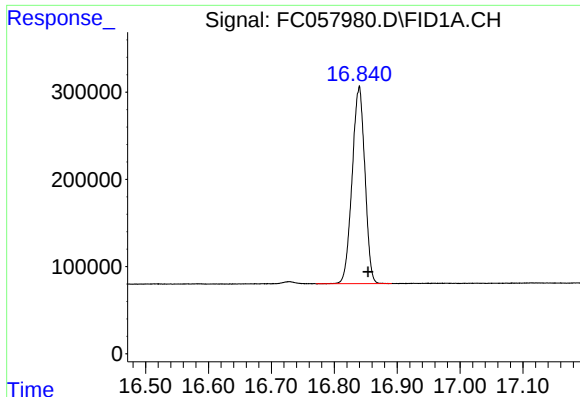
#15 n-Hexacosane (C26)

R.T.: 15.008 min
Delta R.T.: -0.015 min
Response: 3365954
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.954 min
Delta R.T.: -0.016 min
Response: 3269392
Conc: 19.98 ug/ml



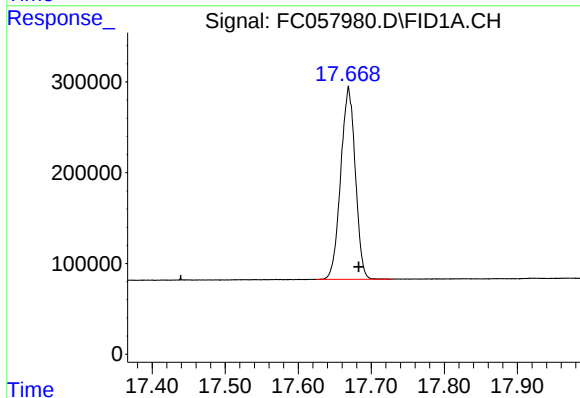
#17 n-Tricontane (C30)

R.T.: 16.839 min
Delta R.T.: -0.014 min
Response: 3187675
Conc: 20.42 ug/ml

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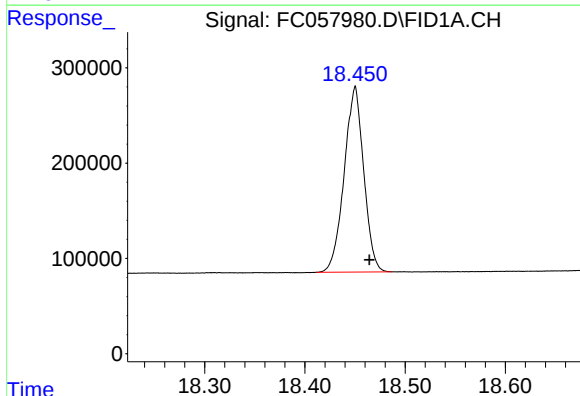
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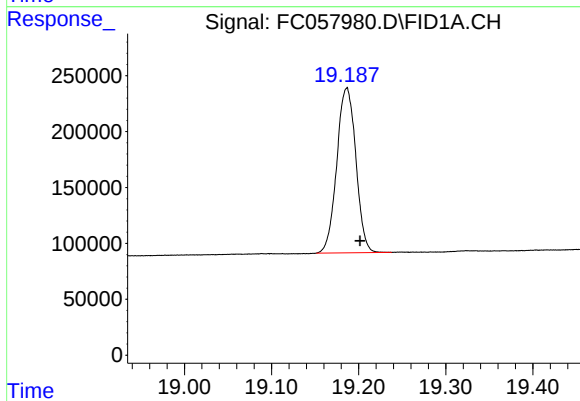
#18 n-Dotriacontane (C32)

R.T.: 17.669 min
Delta R.T.: -0.014 min
Response: 2938797
Conc: 21.08 ug/ml



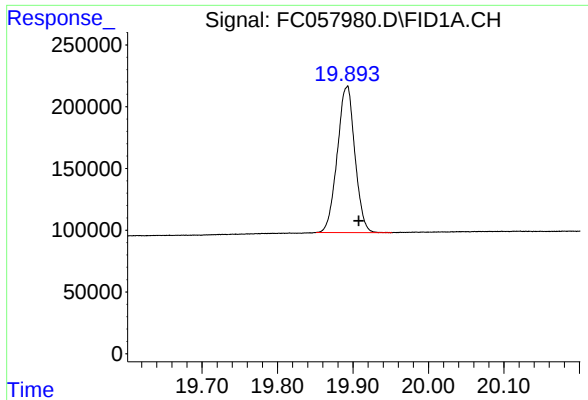
#19 n-Tetratriacontane (C34)

R.T.: 18.450 min
Delta R.T.: -0.014 min
Response: 2637094
Conc: 21.22 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.186 min
Delta R.T.: -0.015 min
Response: 2245305
Conc: 20.20 ug/ml



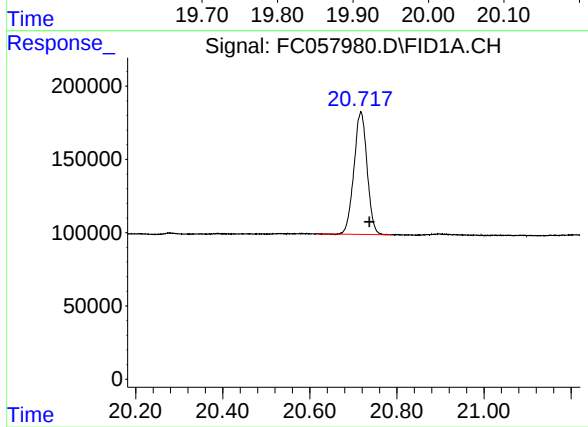
#21 n-Octatriacontane (C38)

R.T.: 19.892 min
Delta R.T.: -0.016 min
Response: 1915947
Conc: 18.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.717 min
Delta R.T.: -0.020 min
Response: 1751789
Conc: 18.30 ug/ml