

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010722AL\
 Data File : FC057784.D
 Signal(s) : FID1A.CH
 Acq On : 08 Jan 2022 00:25
 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 01/10/2022
 Supervised By :Ankita Jodhani 01/10/2022

Integration File: autoint1.e
 Quant Time: Jan 08 00:43:17 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)	10.705	3703767	19.154 ug/ml
Spiked Amount 50.000		Recovery =	38.31%
12) S 1-chlorooctadecane (S...	12.142	2806724	19.043 ug/ml
Spiked Amount 50.000		Recovery =	38.09%
Target Compounds			
1) T n-Nonane (C9)	2.634	3143217	19.656 ug/ml
2) T n-Decane (C10)	3.624	3195372	19.880 ug/ml
3) T A~Naphthalene (C11.7)	5.161	3609366	19.877 ug/ml
4) T n-Dodecane (C12)	5.596	3221347	19.974 ug/ml
5) T A~2-methylnaphthalene...	6.201	3650886	19.965 ug/ml
6) T n-Tetradecane (C14)	7.377	3324718	20.138 ug/ml
7) T n-Hexadecane (C16)	8.968	3337290	19.979 ug/ml
8) T n-Octadecane (C18)	10.402	3395483	19.731 ug/ml
10) T n-Eicosane (C20)	11.704	3284031	19.183 ug/ml
11) T n-Heneicosane (C21)	12.313	3274161	18.934 ug/ml
13) T n-Docosane (C22)	12.896	3201181	18.503 ug/ml
14) T n-Tetracosane (C24)	13.994	3130896	18.086 ug/ml
15) T n-Hexacosane (C26)	15.011	2966586	17.628 ug/ml
16) T n-Octacosane (C28)	15.957	2913348	17.803 ug/ml
17) T n-Tricontane (C30)	16.841	2932368	18.782 ug/ml
18) T n-Dotriacontane (C32)	17.671	2811707	20.166 ug/ml
19) T n-Tetratriacontane (C34)	18.451	2592275	20.857 ug/mlm
20) T n-Hexatriacontane (C36)	19.190	2355358	21.185 ug/ml
21) T n-Octatriacontane (C38)	19.896	2332975	22.365 ug/mlm
22) T n-Tetracontane (C40)	20.719	2329855	24.332 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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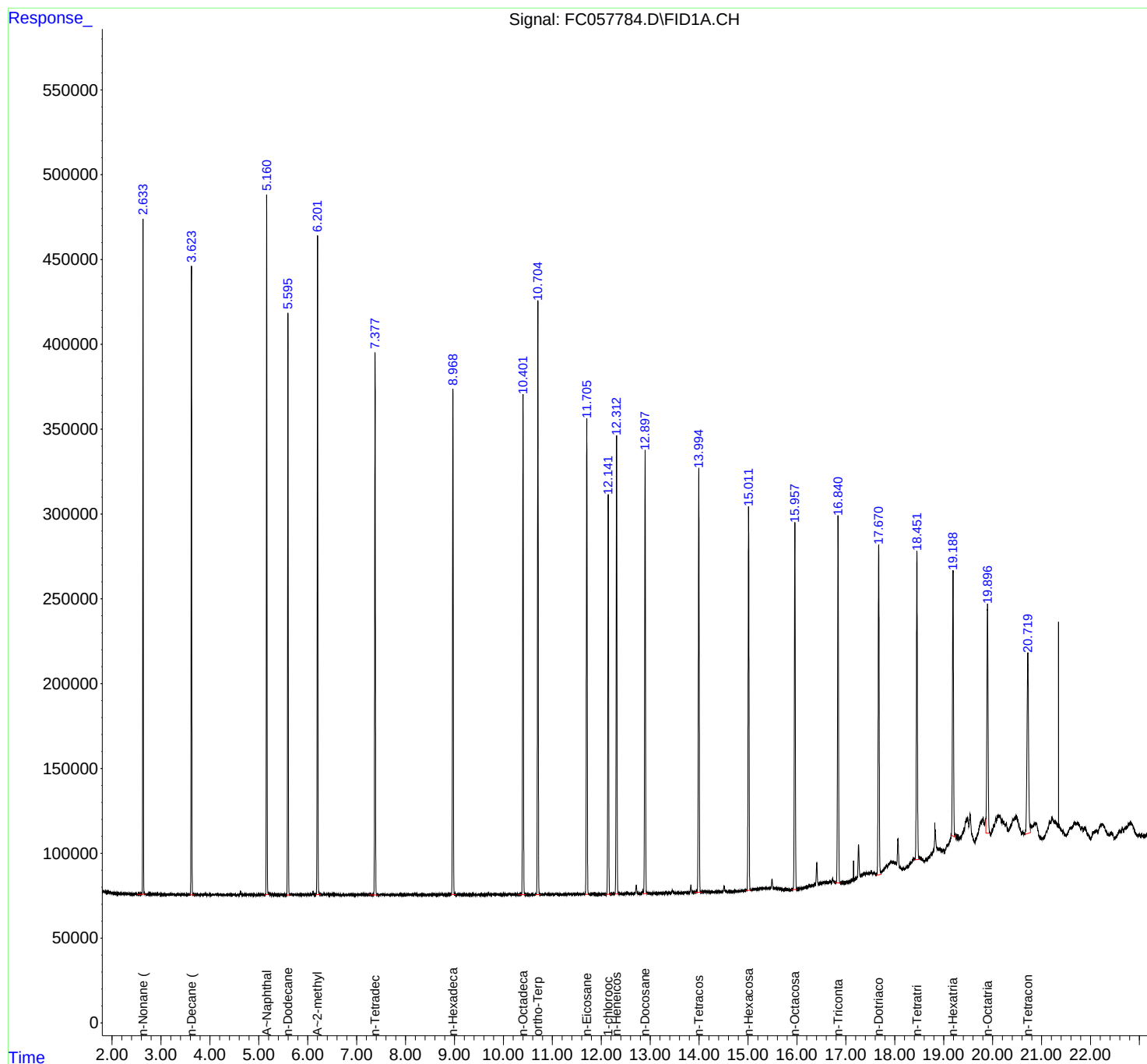
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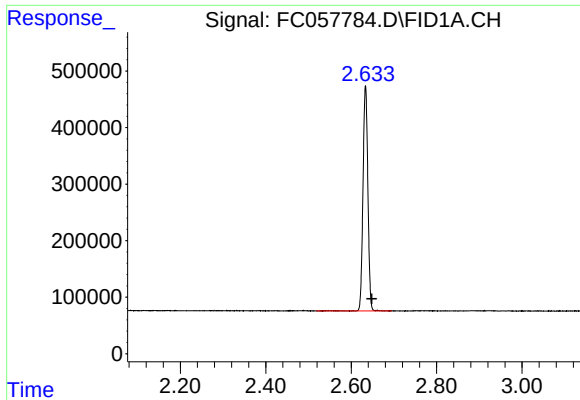
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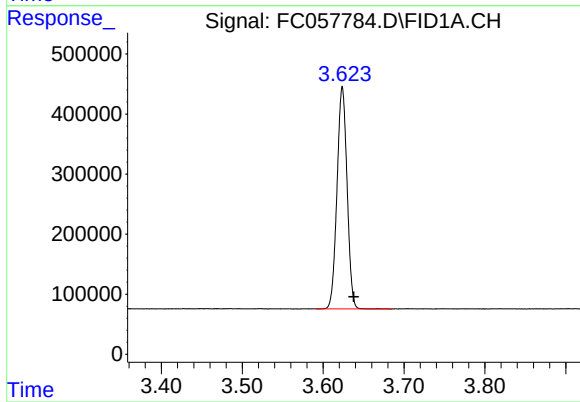
#1 n-Nonane (C9)

R.T.: 2.634 min
Delta R.T.: -0.014 min
Response: 3143217
Conc: 19.66 ug/ml

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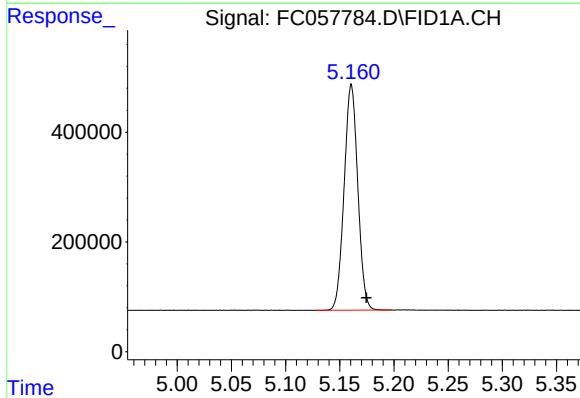
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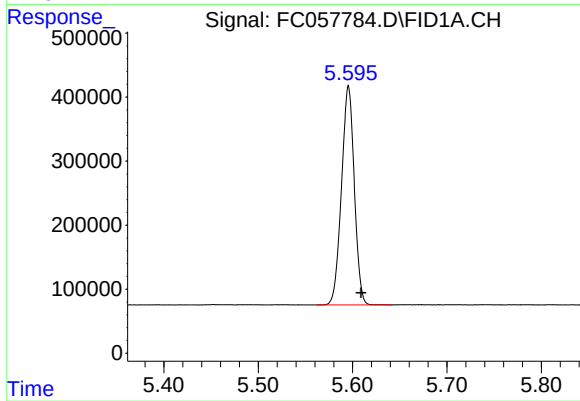
#2 n-Decane (C10)

R.T.: 3.624 min
Delta R.T.: -0.014 min
Response: 3195372
Conc: 19.88 ug/ml



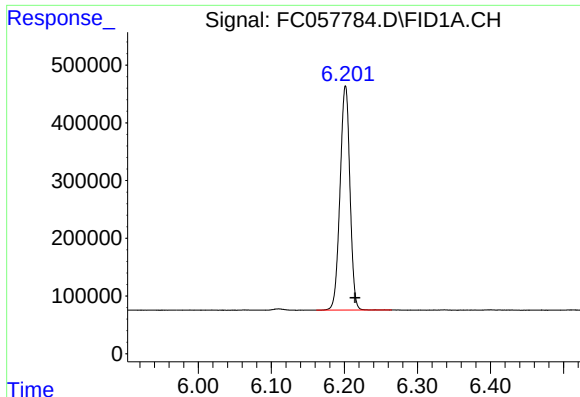
#3 A~Naphthalene (C11.7)

R.T.: 5.161 min
Delta R.T.: -0.014 min
Response: 3609366
Conc: 19.88 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.596 min
Delta R.T.: -0.013 min
Response: 3221347
Conc: 19.97 ug/ml



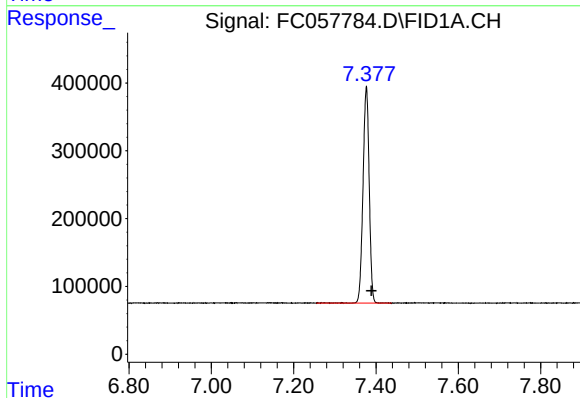
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.201 min
Delta R.T.: -0.013 min
Response: 3650886
Conc: 19.96 ug/ml

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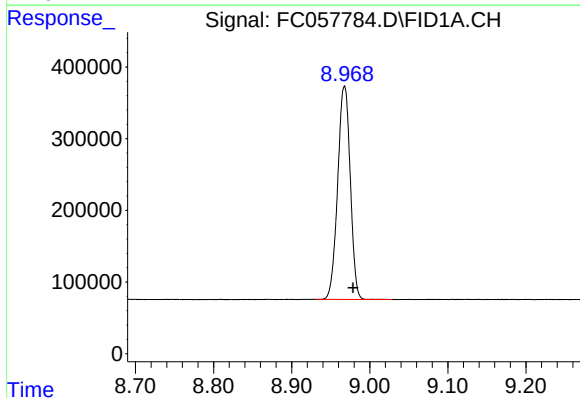
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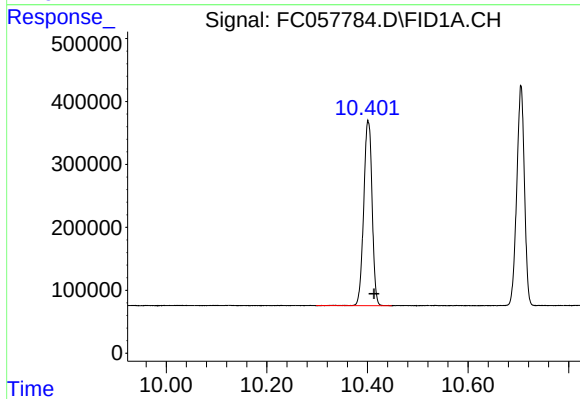
#6 n-Tetradecane (C14)

R.T.: 7.377 min
Delta R.T.: -0.012 min
Response: 3324718
Conc: 20.14 ug/ml



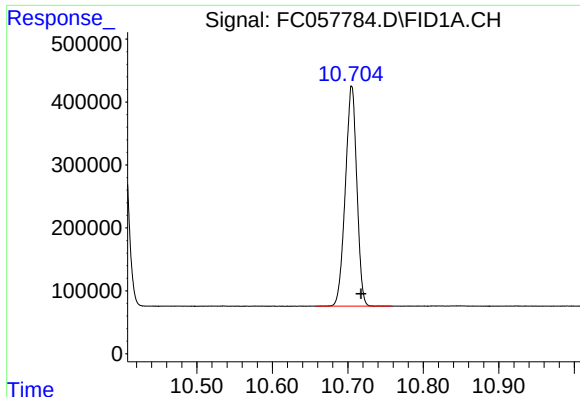
#7 n-Hexadecane (C16)

R.T.: 8.968 min
Delta R.T.: -0.011 min
Response: 3337290
Conc: 19.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.402 min
Delta R.T.: -0.012 min
Response: 3395483
Conc: 19.73 ug/ml



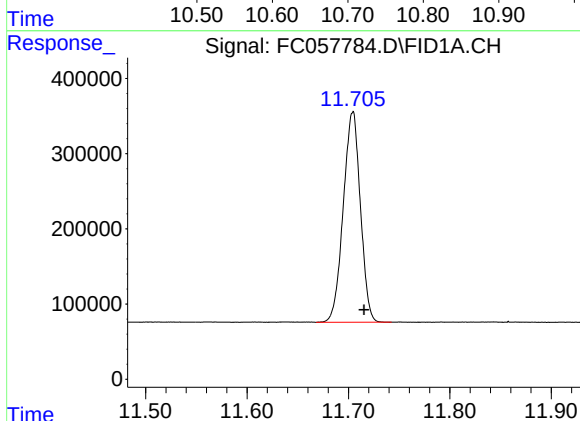
#9 ortho-Terphenyl (SURR)

R.T.: 10.705 min
Delta R.T.: -0.012 min
Response: 3703767
Conc: 19.15 ug/ml

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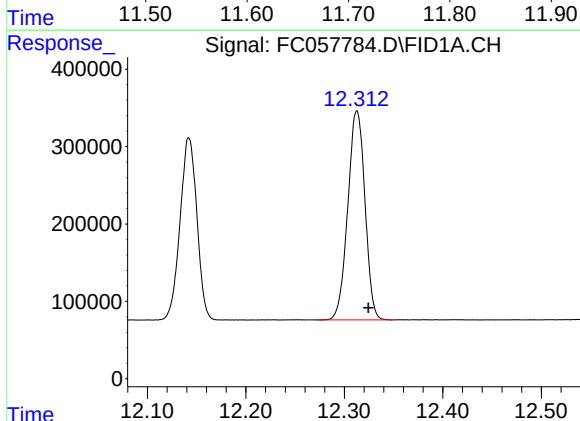
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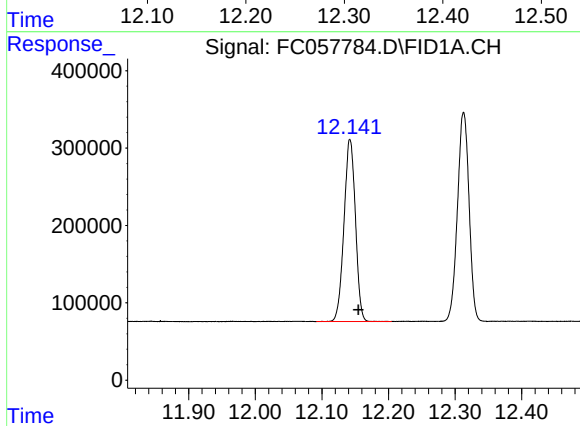
#10 n-Eicosane (C20)

R.T.: 11.704 min
Delta R.T.: -0.011 min
Response: 3284031
Conc: 19.18 ug/ml



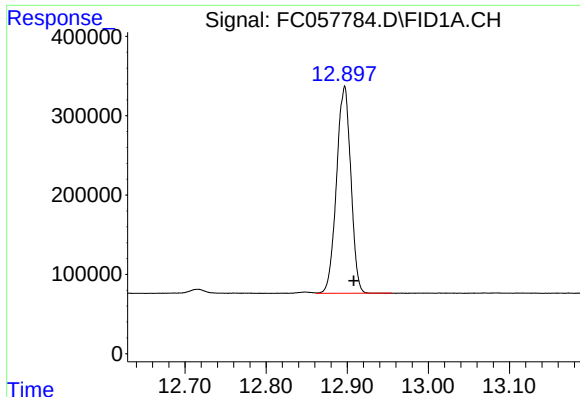
#11 n-Heneicosane (C21)

R.T.: 12.313 min
Delta R.T.: -0.012 min
Response: 3274161
Conc: 18.93 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.142 min
Delta R.T.: -0.012 min
Response: 2806724
Conc: 19.04 ug/ml



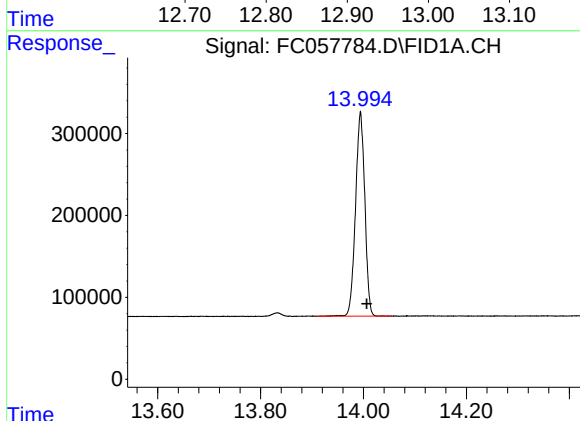
#13 n-Docosane (C22)

R.T.: 12.896 min
Delta R.T.: -0.012 min
Response: 3201181
Conc: 18.50 ug/ml

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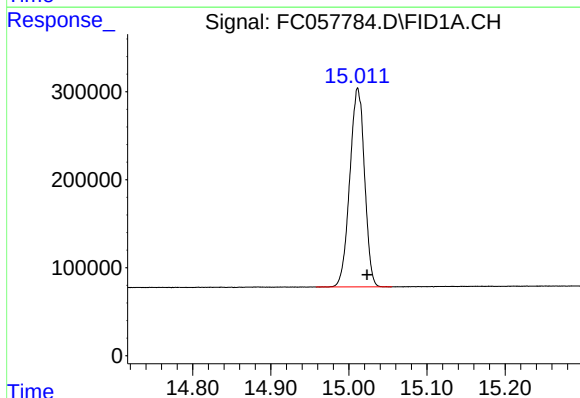
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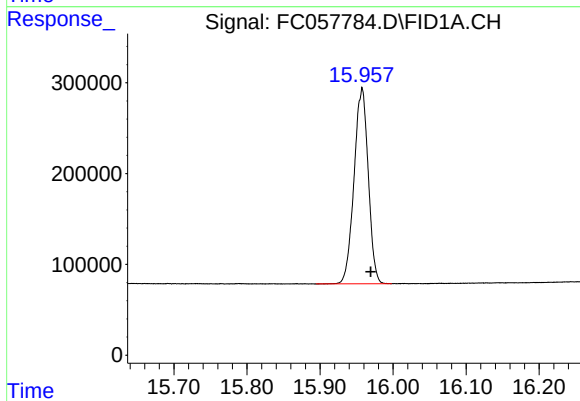
#14 n-Tetracosane (C24)

R.T.: 13.994 min
Delta R.T.: -0.012 min
Response: 3130896
Conc: 18.09 ug/ml



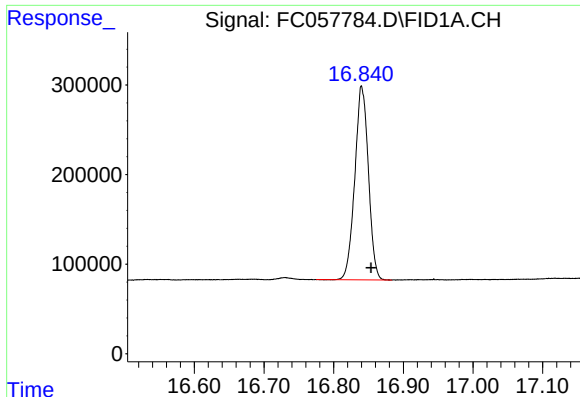
#15 n-Hexacosane (C26)

R.T.: 15.011 min
Delta R.T.: -0.012 min
Response: 2966586
Conc: 17.63 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.957 min
Delta R.T.: -0.012 min
Response: 2913348
Conc: 17.80 ug/ml



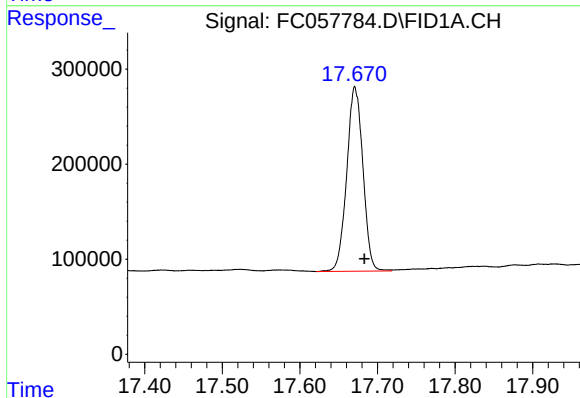
#17 n-Tricontane (C30)

R.T.: 16.841 min
Delta R.T.: -0.013 min
Response: 2932368
Conc: 18.78 ug/ml

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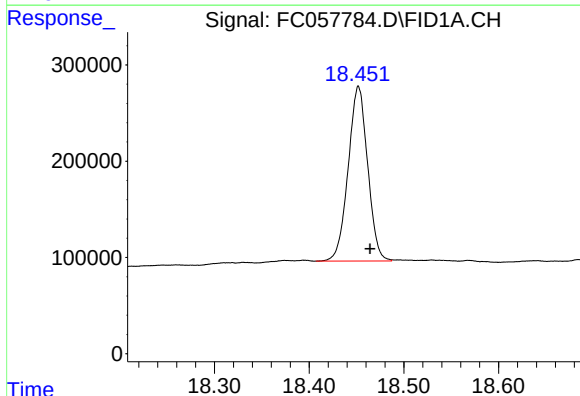
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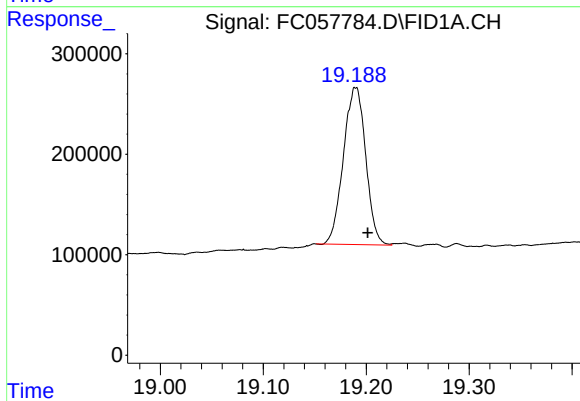
#18 n-Dotriacontane (C32)

R.T.: 17.671 min
Delta R.T.: -0.012 min
Response: 2811707
Conc: 20.17 ug/ml



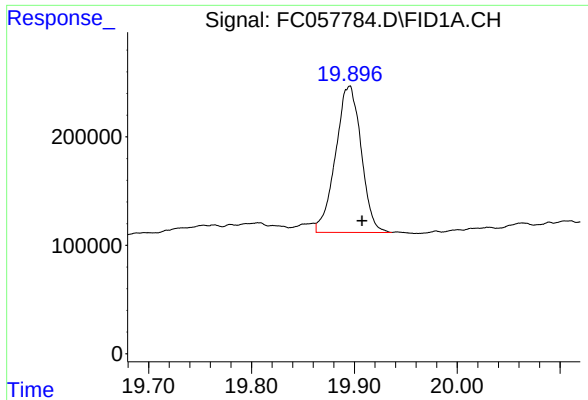
#19 n-Tetratriacontane (C34)

R.T.: 18.451 min
Delta R.T.: -0.013 min
Response: 2592275
Conc: 20.86 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.190 min
Delta R.T.: -0.012 min
Response: 2355358
Conc: 21.19 ug/ml



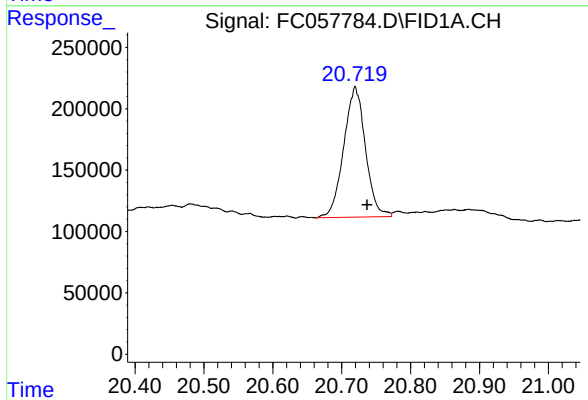
#21 n-Octatriacontane (C38)

R.T.: 19.896 min
Delta R.T.: -0.012 min
Response: 2332975
Conc: 22.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.719 min
Delta R.T.: -0.018 min
Response: 2329855
Conc: 24.33 ug/ml m