

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051022AL\
 Data File : FC059686.D
 Signal(s) : FID1A.CH
 Acq On : 11 May 2022 6:54
 Operator : UA/NP
 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 05/11/2022
 Supervised By :mohammad ahmed 05/11/2022

Integration File: sample.E
 Quant Time: May 11 07:16:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Mon May 09 11:12:42 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)	10.663	3037715	20.686 ug/ml
Spiked Amount 50.000		Recovery =	41.37%
12) S 1-chlorooctadecane (S...	12.032	2407056	20.916 ug/ml
Spiked Amount 50.000		Recovery =	41.83%
Target Compounds			
1) T n-Nonane (C9)	2.637	2601936	20.375 ug/ml
2) T n-Decane (C10)	3.637	2650559	20.929 ug/ml
3) T A~Naphthalene (C11.7)	5.175	3032219	20.593 ug/ml
4) T n-Dodecane (C12)	5.591	2713606	20.634 ug/ml
5) T A~2-methylnaphthalene...	6.199	3094576	20.587 ug/ml
6) T n-Tetradecane (C14)	7.343	2775440	20.626 ug/ml
7) T n-Hexadecane (C16)	8.907	2828796	20.616 ug/ml
8) T n-Octadecane (C18)	10.317	2851383	20.691 ug/ml
10) T n-Eicosane (C20)	11.596	2812022	20.908 ug/ml
11) T n-Heneicosane (C21)	12.194	2789217	20.908 ug/ml
13) T n-Docosane (C22)	12.766	2778391	21.170 ug/ml
14) T n-Tetracosane (C24)	13.844	2784889	22.134 ug/ml
15) T n-Hexacosane (C26)	14.842	2577112	21.578 ug/ml
16) T n-Octacosane (C28)	15.770	2500214	21.961 ug/mlm
17) T n-Tricontane (C30)	16.637	2430188	22.108 ug/ml
18) T n-Dotriacontane (C32)	17.450	2313180	22.375 ug/mlm
19) T n-Tetratriacontane (C34)	18.213	2142539	21.945 ug/mlm
20) T n-Hexatriacontane (C36)	18.938	1991288	21.450 ug/mlm
21) T n-Octatriacontane (C38)	19.620	2072663	21.773 ug/mlm
22) T n-Tetracontane (C40)	20.270	1984957	20.968 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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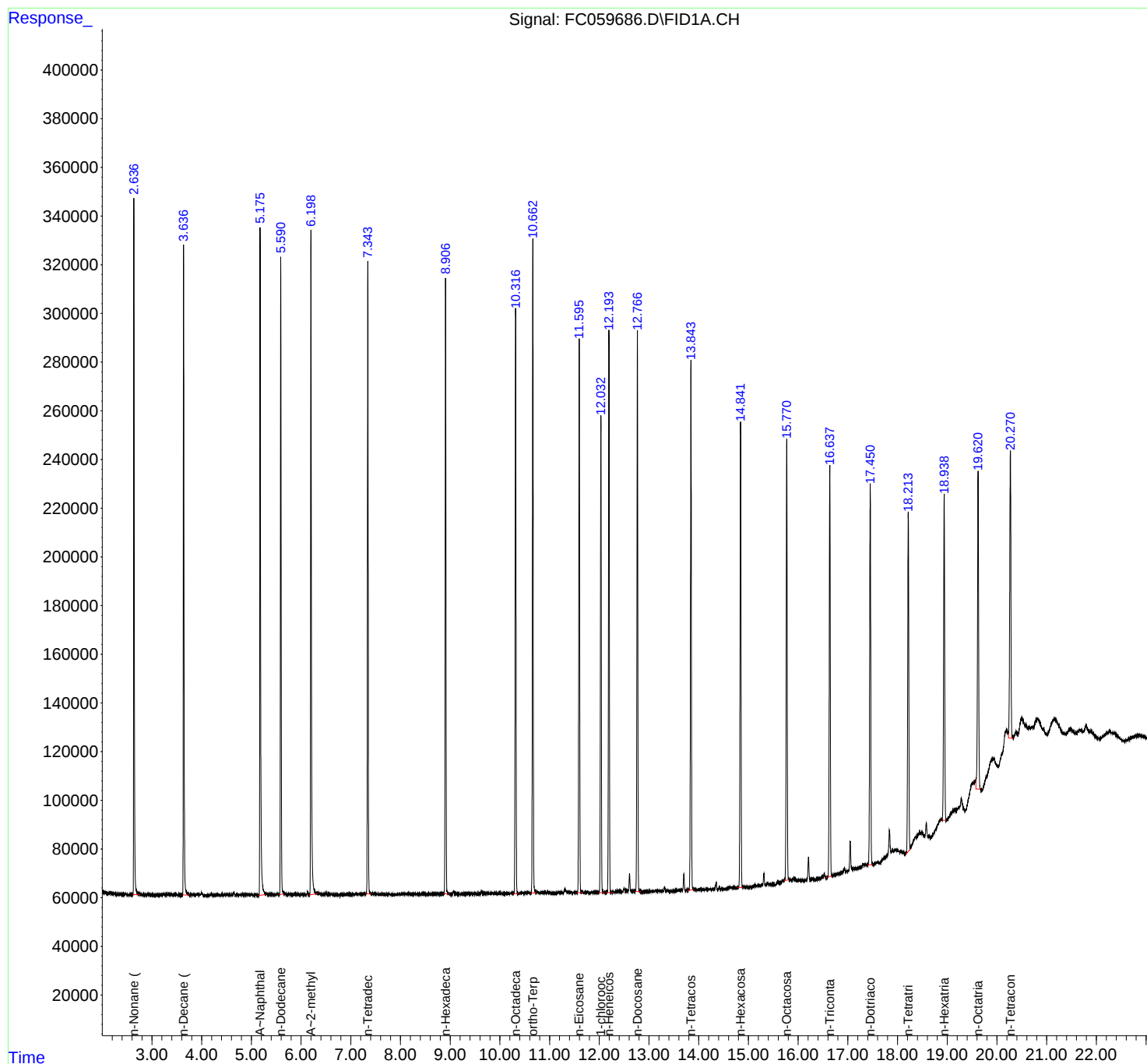
Instrument :
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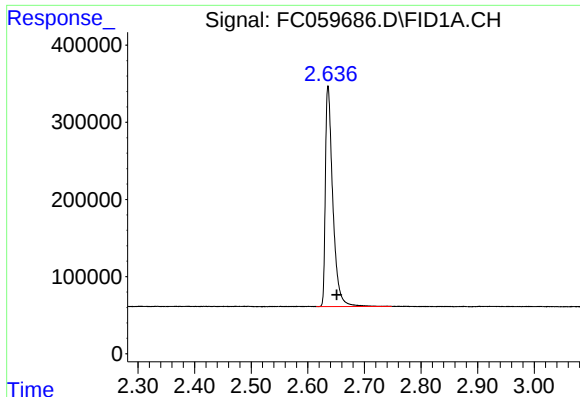
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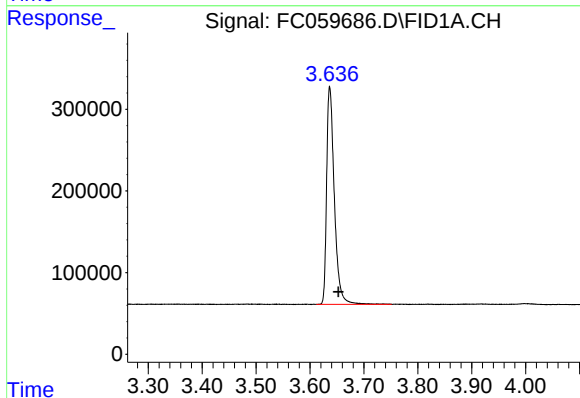
#1 n-Nonane (C9)

R.T.: 2.637 min
Delta R.T.: -0.014 min
Response: 2601936
Conc: 20.37 ug/ml

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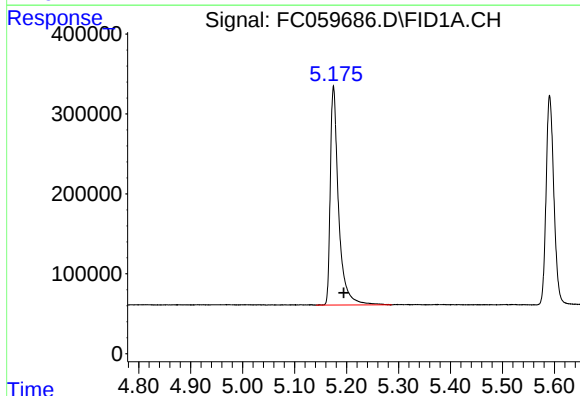
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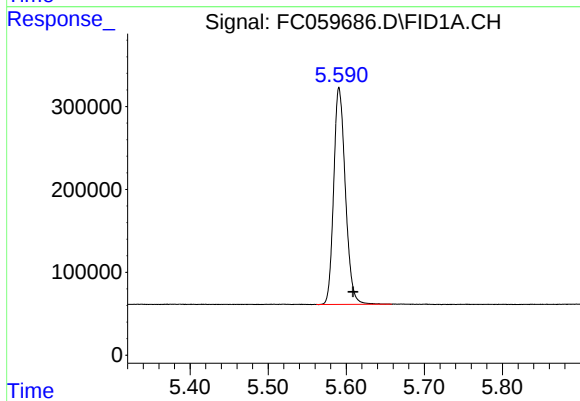
#2 n-Decane (C10)

R.T.: 3.637 min
Delta R.T.: -0.015 min
Response: 2650559
Conc: 20.93 ug/ml



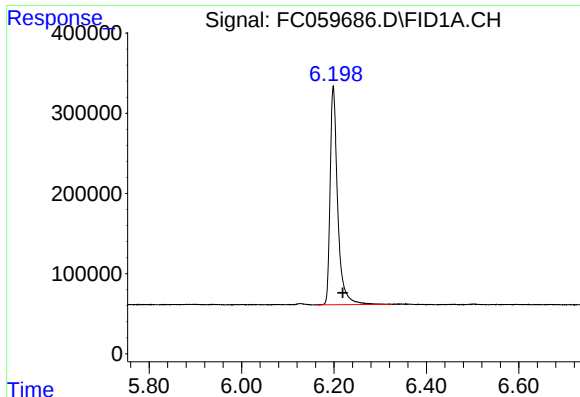
#3 A~Naphthalene (C11.7)

R.T.: 5.175 min
Delta R.T.: -0.019 min
Response: 3032219
Conc: 20.59 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.591 min
Delta R.T.: -0.017 min
Response: 2713606
Conc: 20.63 ug/ml



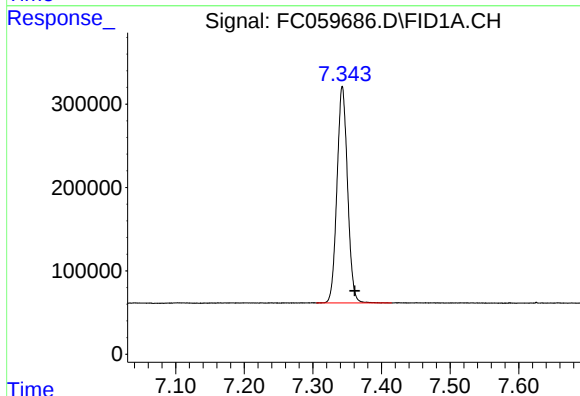
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.199 min
Delta R.T.: -0.020 min
Response: 3094576
Conc: 20.59 ug/ml

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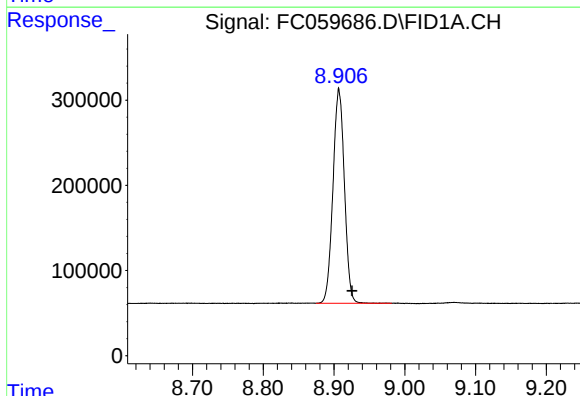
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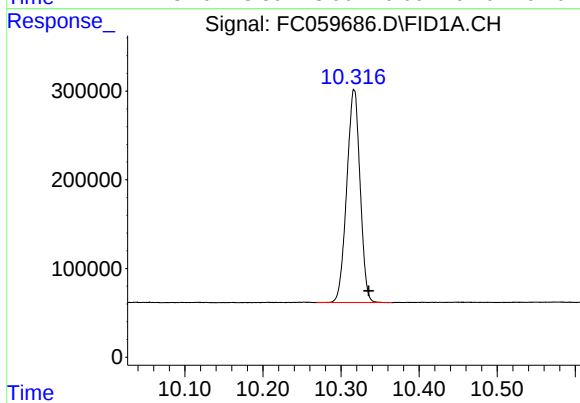
#6 n-Tetradecane (C14)

R.T.: 7.343 min
Delta R.T.: -0.018 min
Response: 2775440
Conc: 20.63 ug/ml



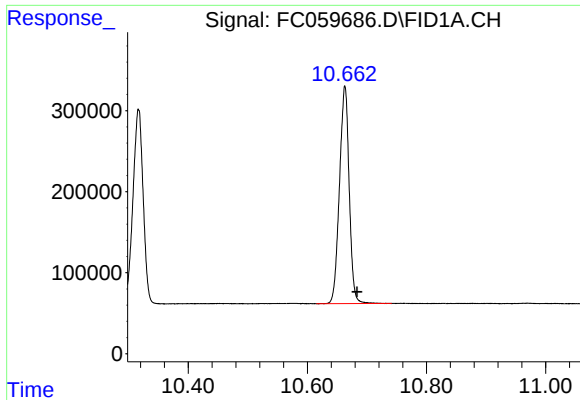
#7 n-Hexadecane (C16)

R.T.: 8.907 min
Delta R.T.: -0.018 min
Response: 2828796
Conc: 20.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.317 min
Delta R.T.: -0.019 min
Response: 2851383
Conc: 20.69 ug/ml



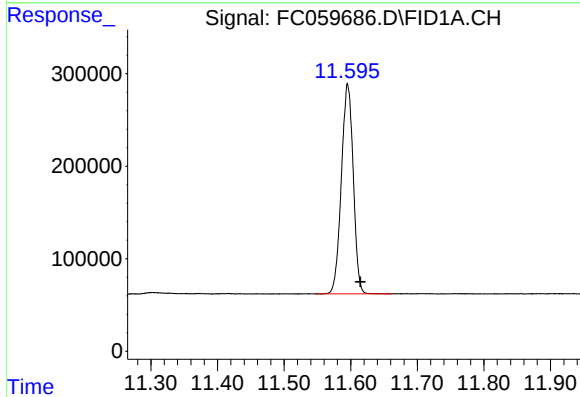
#9 ortho-Terphenyl (SURR)

R.T.: 10.663 min
Delta R.T.: -0.021 min
Response: 3037715
Conc: 20.69 ug/ml

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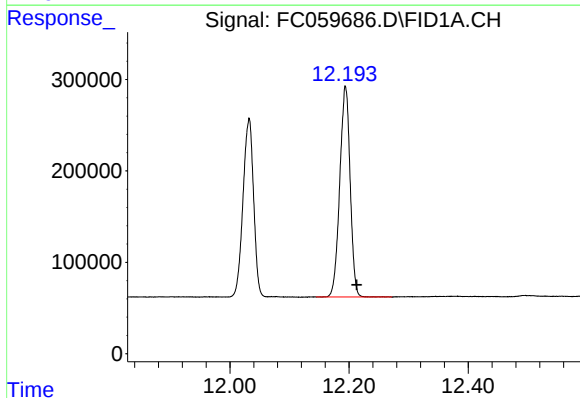
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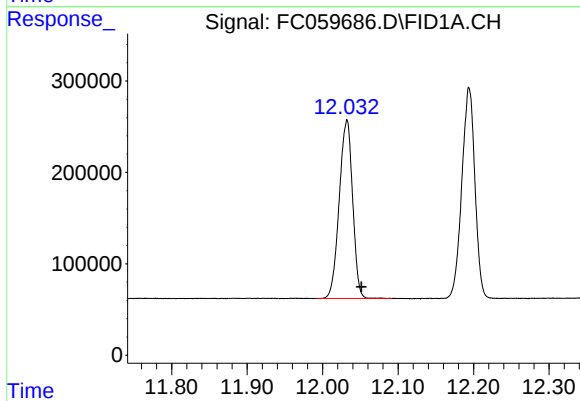
#10 n-Eicosane (C20)

R.T.: 11.596 min
Delta R.T.: -0.019 min
Response: 2812022
Conc: 20.91 ug/ml



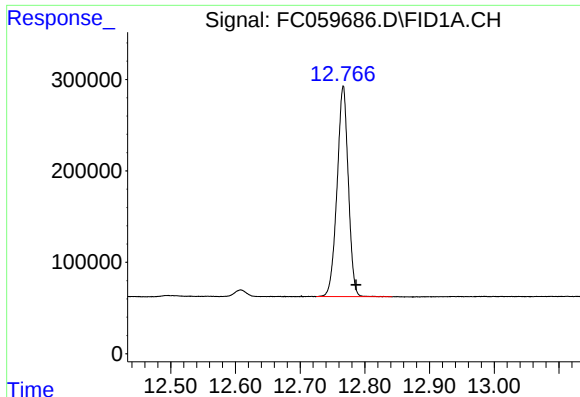
#11 n-Heneicosane (C21)

R.T.: 12.194 min
Delta R.T.: -0.019 min
Response: 2789217
Conc: 20.91 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.032 min
Delta R.T.: -0.019 min
Response: 2407056
Conc: 20.92 ug/ml



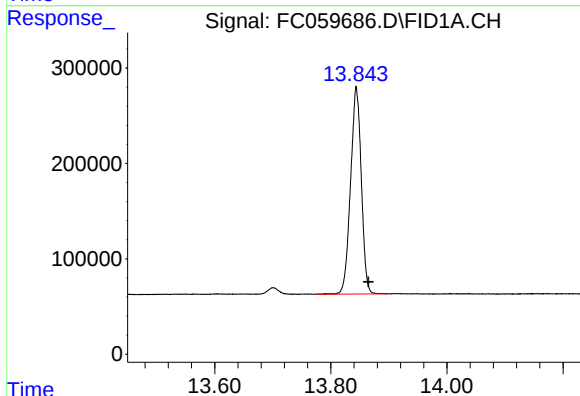
#13 n-Docosane (C22)

R.T.: 12.766 min
Delta R.T.: -0.020 min
Response: 2778391
Conc: 21.17 ug/ml

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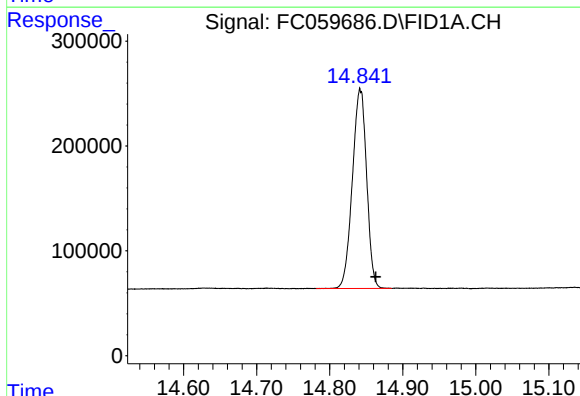
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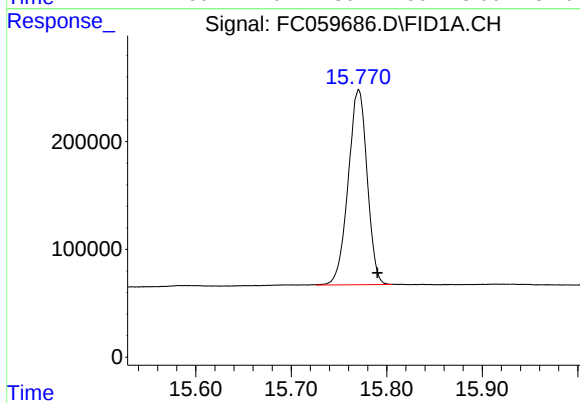
#14 n-Tetracosane (C24)

R.T.: 13.844 min
Delta R.T.: -0.021 min
Response: 2784889
Conc: 22.13 ug/ml



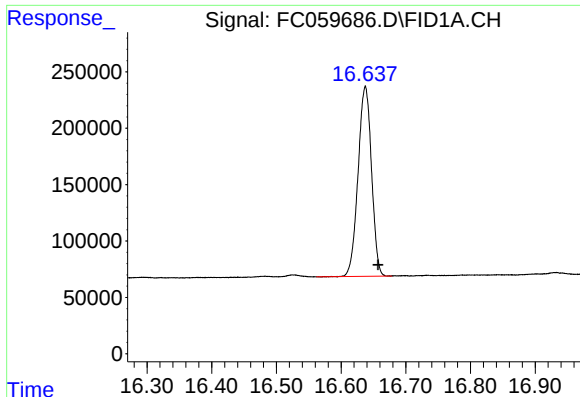
#15 n-Hexacosane (C26)

R.T.: 14.842 min
Delta R.T.: -0.021 min
Response: 2577112
Conc: 21.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.770 min
Delta R.T.: -0.020 min
Response: 2500214
Conc: 21.96 ug/ml m



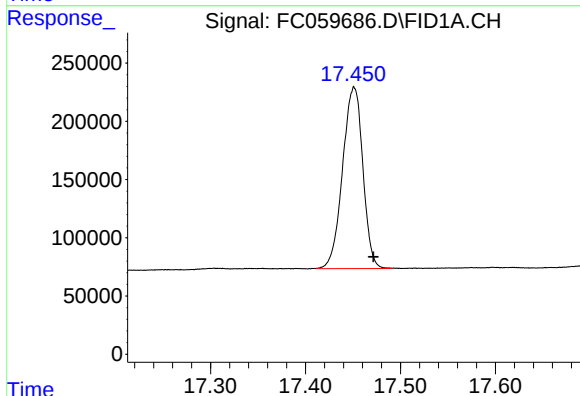
#17 n-Tricontane (C30)

R.T.: 16.637 min
Delta R.T.: -0.020 min
Response: 2430188
Conc: 22.11 ug/ml

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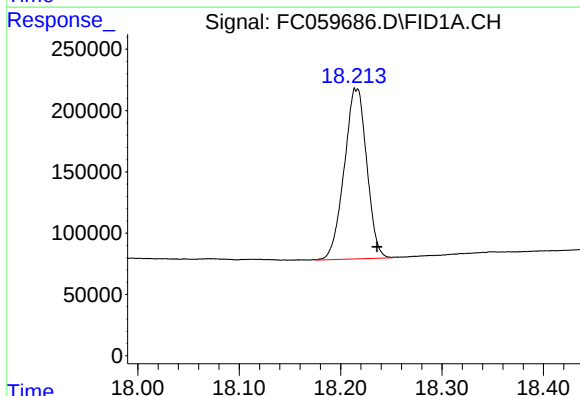
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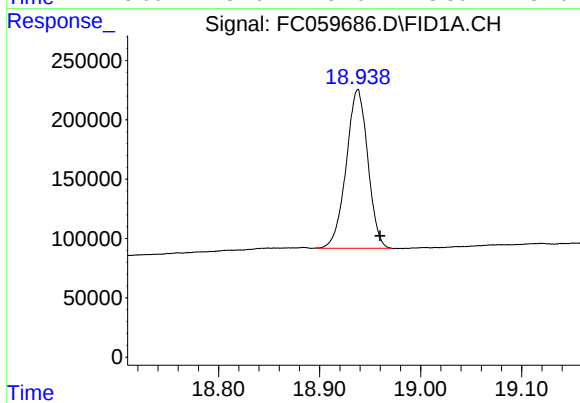
#18 n-Dotriacontane (C32)

R.T.: 17.450 min
Delta R.T.: -0.021 min
Response: 2313180
Conc: 22.37 ug/ml m



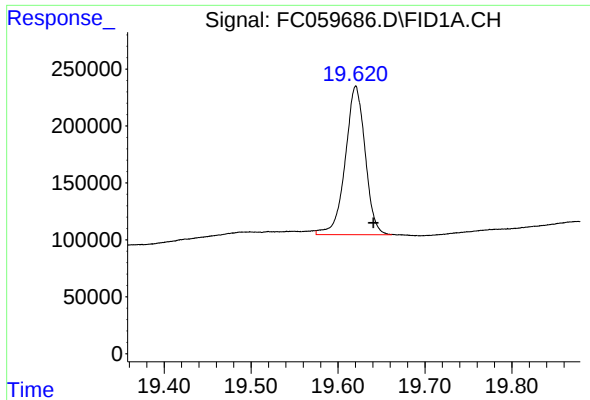
#19 n-Tetratriacontane (C34)

R.T.: 18.213 min
Delta R.T.: -0.022 min
Response: 2142539
Conc: 21.95 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.938 min
Delta R.T.: -0.022 min
Response: 1991288
Conc: 21.45 ug/ml m



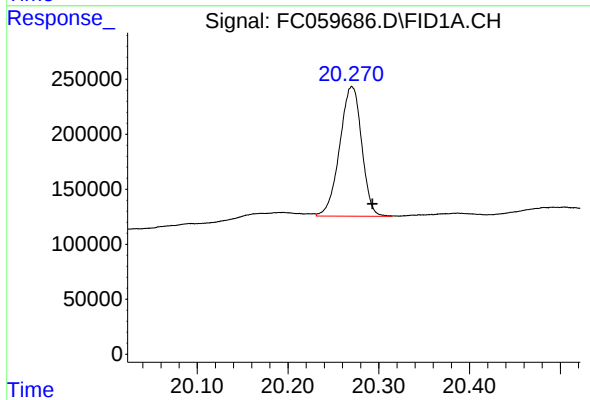
#21 n-Octatriacontane (C38)

R.T.: 19.620 min
Delta R.T.: -0.020 min
Response: 2072663
Conc: 21.77 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.270 min
Delta R.T.: -0.023 min
Response: 1984957
Conc: 20.97 ug/ml m