

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051922AL\
 Data File : FC059836.D
 Signal(s) : FID1A.CH
 Acq On : 20 May 2022 2:25
 Operator : UA/NP
 Sample : N2907-03MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 GC-3MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/20/2022
 Supervised By :mohammad ahmed 05/20/2022

Integration File: sample.E
 Quant Time: May 20 03:24:47 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)	10.648	5190700	35.348 ug/ml
Spiked Amount 50.000		Recovery =	70.70%
12) S 1-chlorooctadecane (S...	12.017	4182932	36.348 ug/ml
Spiked Amount 50.000		Recovery =	72.70%
Target Compounds			
1) T n-Nonane (C9)	2.630	6411215	50.204 ug/ml
2) T n-Decane (C10)	3.626	7461141	58.913 ug/mlm
3) T A~Naphthalene (C11.7)	5.159	9064005	61.557 ug/ml
4) T n-Dodecane (C12)	5.578	8023368	61.010 ug/ml
5) T A~2-methylnaphthalene...	6.184	9109194	60.599 ug/ml
6) T n-Tetradecane (C14)	7.334	8571672	63.702 ug/ml
7) T n-Hexadecane (C16)	8.897	9387216	68.413 ug/ml
8) T n-Octadecane (C18)	10.308	10139316	73.576 ug/ml
10) T n-Eicosane (C20)	11.589	9671299	71.907 ug/ml
11) T n-Heneicosane (C21)	12.186	9494760	71.173 ug/ml
13) T n-Docosane (C22)	12.759	9319251	71.009 ug/ml
14) T n-Tetracosane (C24)	13.834	17500632	139.091 ug/ml
15) T n-Hexacosane (C26)	14.839	8588019	71.908 ug/ml
16) T n-Octacosane (C28)	15.763	8364648	73.473 ug/ml
17) T n-Tricontane (C30)	16.635	7924719	72.093 ug/ml
18) T n-Dotriacontane (C32)	17.444	7913082	76.542 ug/mlm
19) T n-Tetratriacontane (C34)	18.207	7179177	73.534 ug/mlm
20) T n-Hexatriacontane (C36)	18.932	6838989	73.669 ug/mlm
21) T n-Octatriacontane (C38)	19.615	6595336	69.283 ug/mlm
22) T n-Tetracontane (C40)	20.262	6437735	68.006 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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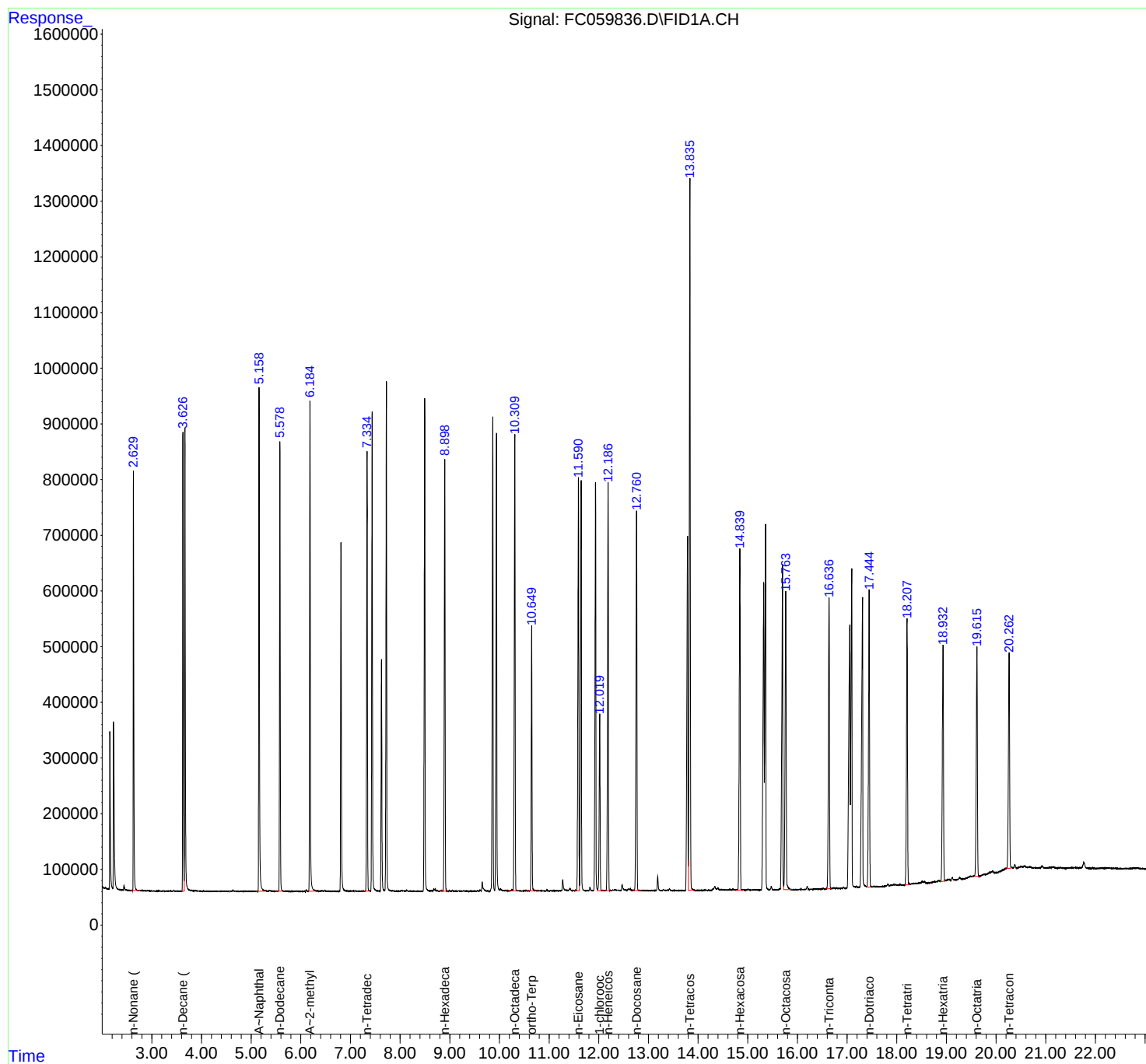
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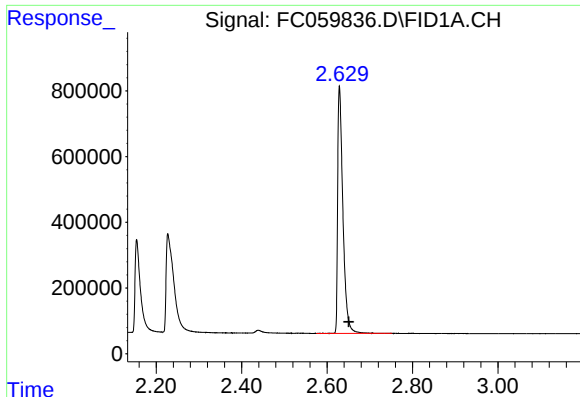
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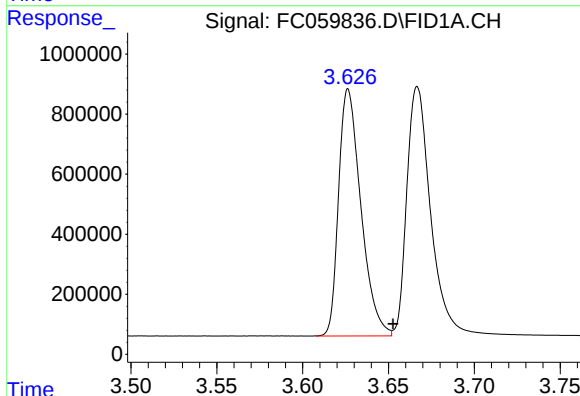
#1 n-Nonane (C9)

R.T.: 2.630 min
Delta R.T.: -0.021 min
Response: 6411215
Conc: 50.20 ug/ml

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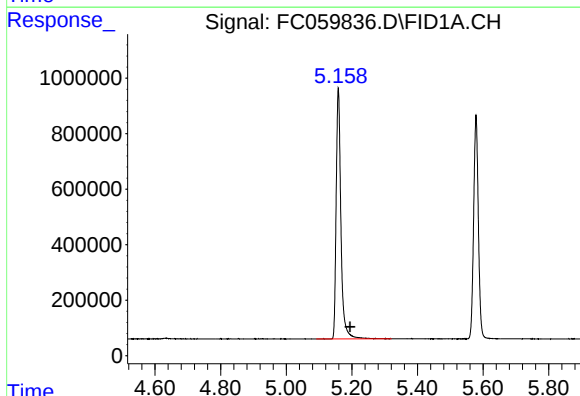
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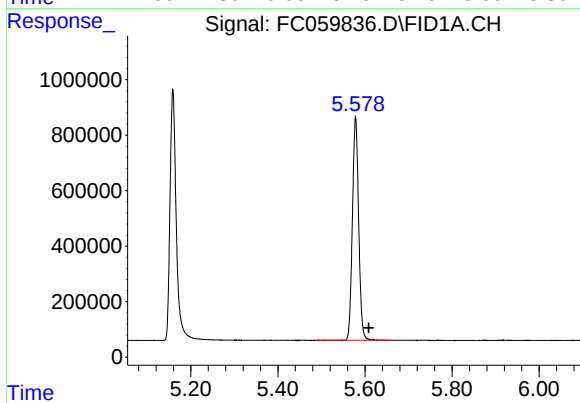
#2 n-Decane (C10)

R.T.: 3.626 min
Delta R.T.: -0.027 min
Response: 7461141
Conc: 58.91 ug/ml m



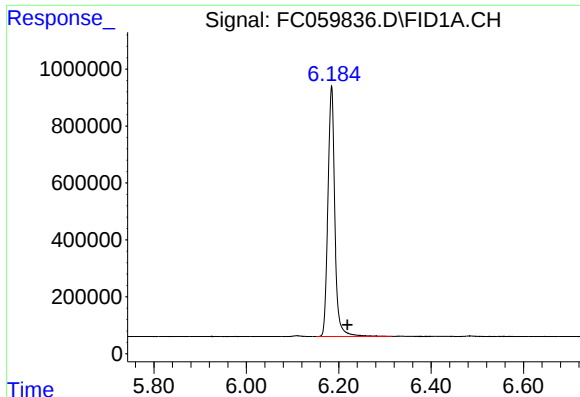
#3 A~Naphthalene (C11.7)

R.T.: 5.159 min
Delta R.T.: -0.036 min
Response: 9064005
Conc: 61.56 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.578 min
Delta R.T.: -0.030 min
Response: 8023368
Conc: 61.01 ug/ml



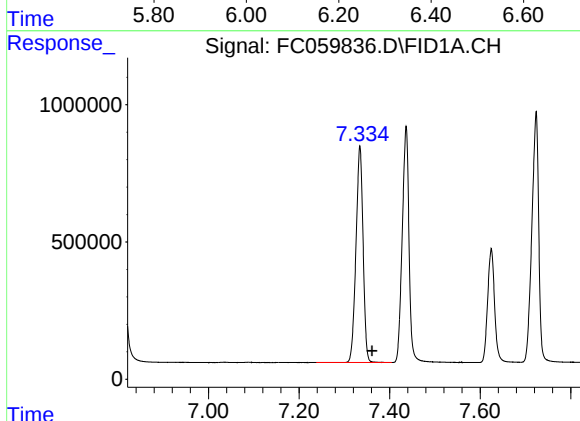
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.184 min
Delta R.T.: -0.035 min
Response: 9109194
Conc: 60.60 ug/ml

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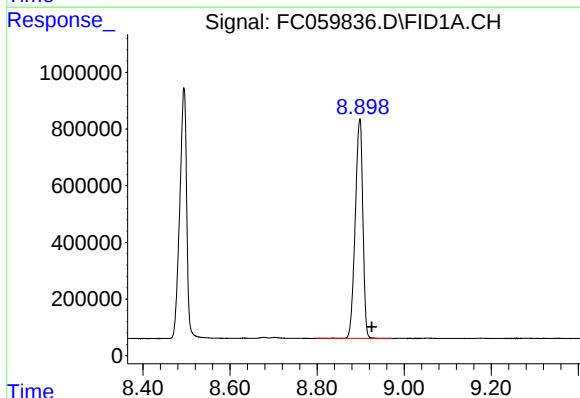
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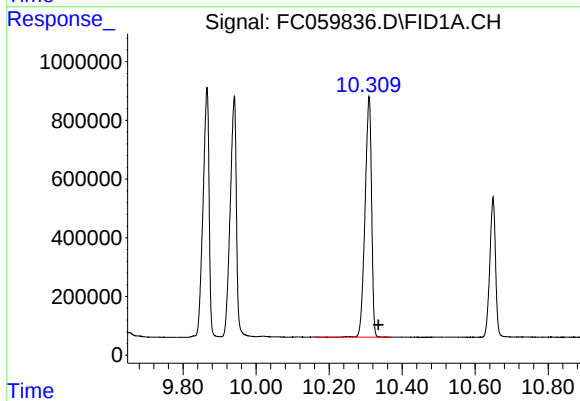
#6 n-Tetradecane (C14)

R.T.: 7.334 min
Delta R.T.: -0.027 min
Response: 8571672
Conc: 63.70 ug/ml



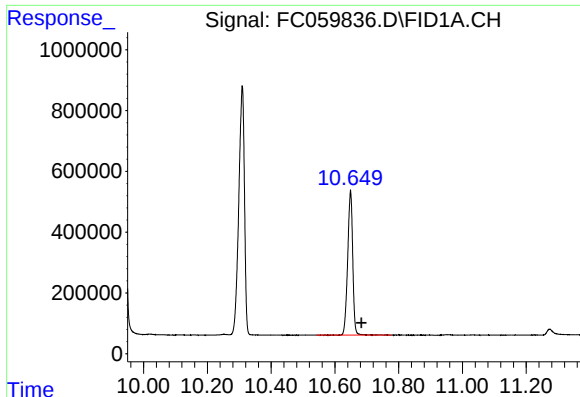
#7 n-Hexadecane (C16)

R.T.: 8.897 min
Delta R.T.: -0.029 min
Response: 9387216
Conc: 68.41 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.308 min
Delta R.T.: -0.027 min
Response: 10139316
Conc: 73.58 ug/ml



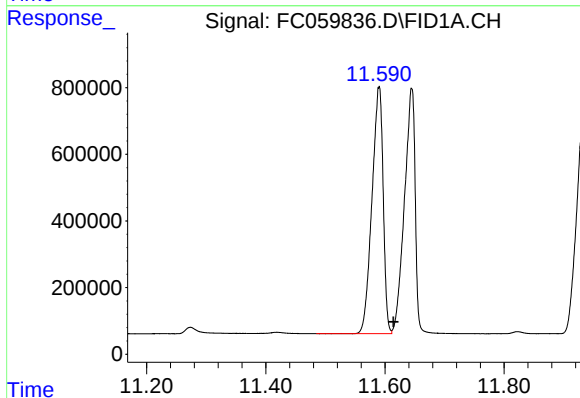
#9 ortho-Terphenyl (SURR)

R.T.: 10.648 min
Delta R.T.: -0.035 min
Response: 5190700
Conc: 35.35 ug/ml

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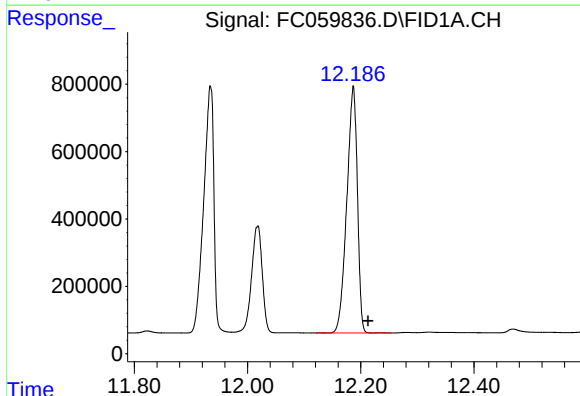
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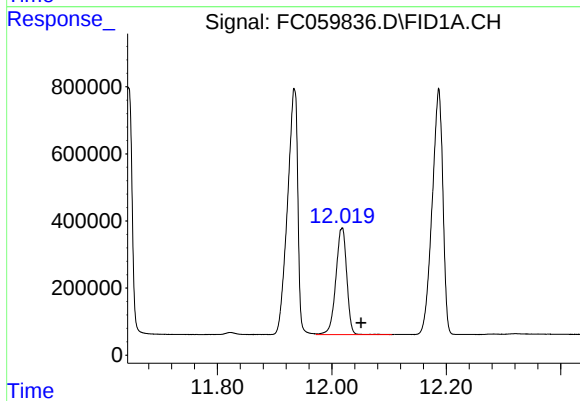
#10 n-Eicosane (C20)

R.T.: 11.589 min
Delta R.T.: -0.026 min
Response: 9671299
Conc: 71.91 ug/ml



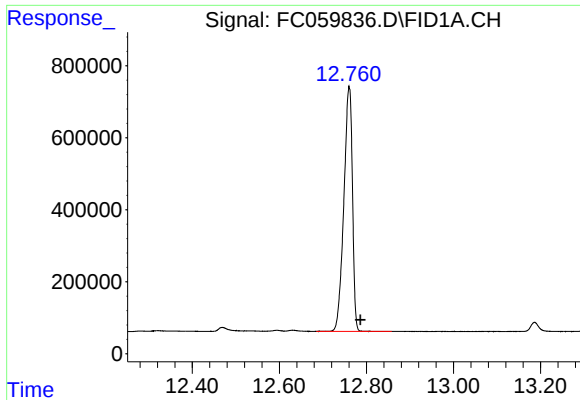
#11 n-Heneicosane (C21)

R.T.: 12.186 min
Delta R.T.: -0.027 min
Response: 9494760
Conc: 71.17 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.017 min
Delta R.T.: -0.034 min
Response: 4182932
Conc: 36.35 ug/ml



#13 n-Docosane (C22)

R.T.: 12.759 min
Delta R.T.: -0.027 min
Response: 9319251
Conc: 71.01 ug/ml

Instrument :

FID_C

ClientSampleId :

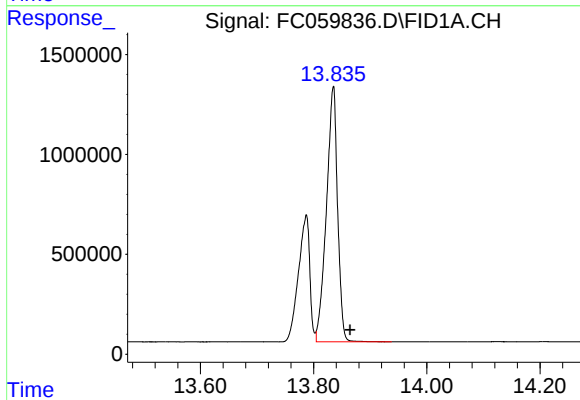
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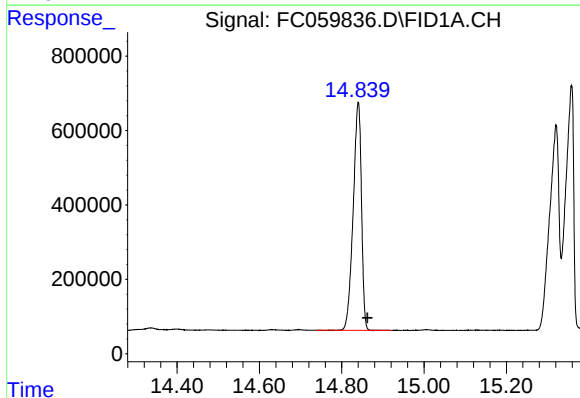
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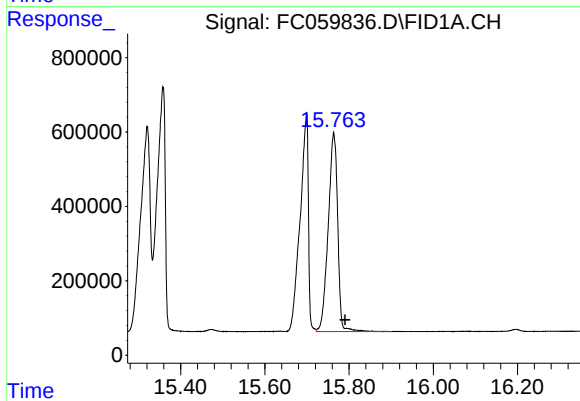
#14 n-Tetracosane (C24)

R.T.: 13.834 min
Delta R.T.: -0.031 min
Response: 17500632
Conc: 139.09 ug/ml



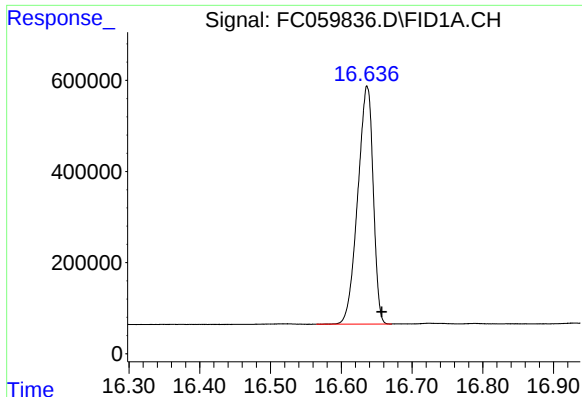
#15 n-Hexacosane (C26)

R.T.: 14.839 min
Delta R.T.: -0.024 min
Response: 8588019
Conc: 71.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.763 min
Delta R.T.: -0.027 min
Response: 8364648
Conc: 73.47 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.635 min
Delta R.T.: -0.022 min
Response: 7924719
Conc: 72.09 ug/ml

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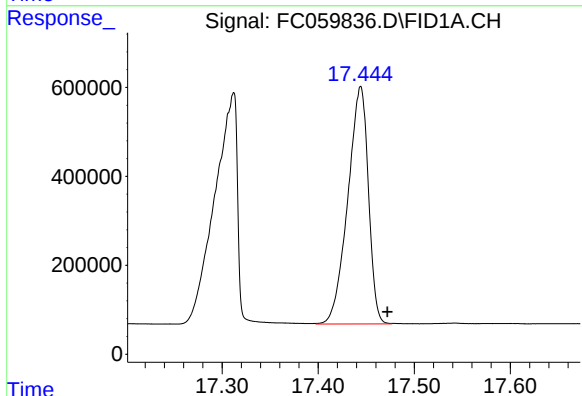
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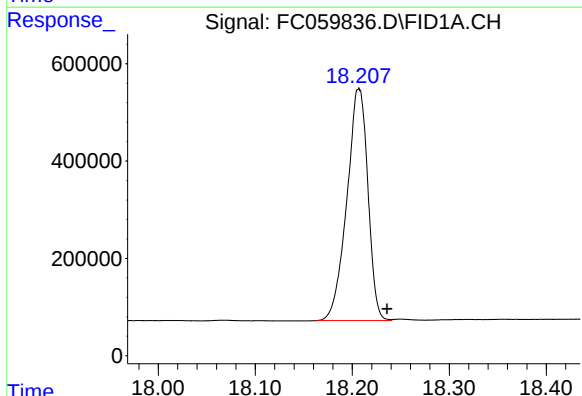
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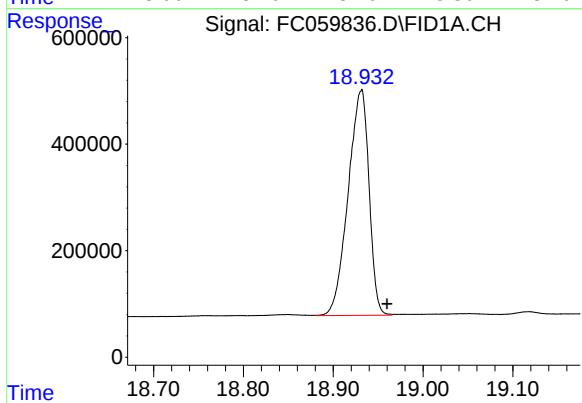
#18 n-Dotriacontane (C32)

R.T.: 17.444 min
Delta R.T.: -0.028 min
Response: 7913082
Conc: 76.54 ug/ml m



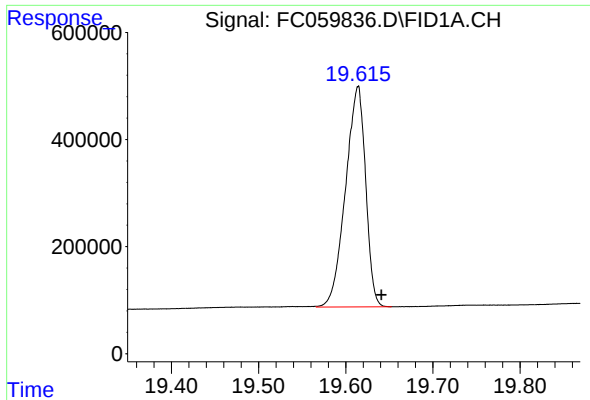
#19 n-Tetratriacontane (C34)

R.T.: 18.207 min
Delta R.T.: -0.029 min
Response: 7179177
Conc: 73.53 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.932 min
Delta R.T.: -0.028 min
Response: 6838989
Conc: 73.67 ug/ml m



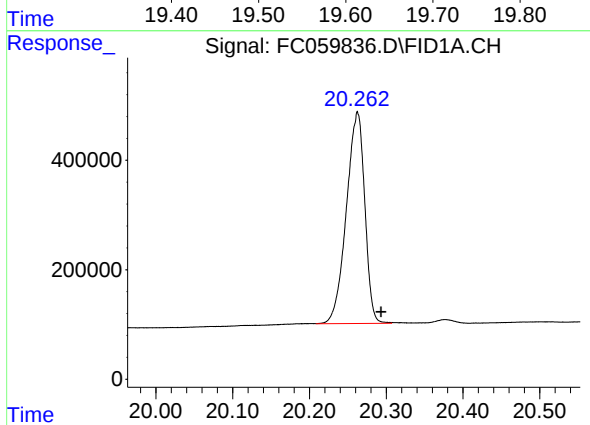
#21 n-Octatriacontane (C38)

R.T.: 19.615 min
Delta R.T.: -0.026 min
Response: 6595336
Conc: 69.28 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.262 min
Delta R.T.: -0.031 min
Response: 6437735
Conc: 68.01 ug/ml m