

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041322AL\
 Data File : FC059242.D
 Signal(s) : FID1A.CH
 Acq On : 14 Apr 2022 23:53
 Operator : UA/NP
 Sample : N2401-05MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

CL-5-11.5MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/15/2022

Supervised By :mohammad ahmed 04/18/2022

Integration File: autoint1.e
 Quant Time: Apr 15 02:30:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 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)	11.100	4547685	31.563 ug/ml
Spiked Amount 50.000		Recovery =	63.13%
12) S 1-chlorooctadecane (S...	12.547	3682705	32.854 ug/ml
Spiked Amount 50.000		Recovery =	65.71%
Target Compounds			
1) T n-Nonane (C9)	2.979	4815289	39.294 ug/ml
2) T n-Decane (C10)	4.013	4888381	39.891 ug/ml
3) T A~Naphthalene (C11.7)	5.555	5225884	41.622 ug/ml
4) T n-Dodecane (C12)	6.003	5002914	39.169 ug/ml
5) T A~2-methylnaphthalene...	6.601	5002702	39.023 ug/ml
6) T n-Tetradecane (C14)	7.786	4962581	38.167 ug/ml
7) T n-Hexadecane (C16)	9.375	4964384	37.385 ug/ml
8) T n-Octadecane (C18)	10.809	5105648	38.401 ug/ml
10) T n-Eicosane (C20)	12.111	4886821	37.297 ug/ml
11) T n-Heneicosane (C21)	12.719	4868167	37.310 ug/ml
13) T n-Docosane (C22)	13.302	4788292	36.963 ug/mlm
14) T n-Tetracosane (C24)	14.399	5367148	42.487 ug/ml
15) T n-Hexacosane (C26)	15.417	4733003	39.183 ug/ml
16) T n-Octacosane (C28)	16.360	4754208	40.150 ug/mlm
17) T n-Tricontane (C30)	17.248	4635361	40.634 ug/ml
18) T n-Dotriacontane (C32)	18.075	4712902	43.992 ug/ml
19) T n-Tetratriacontane (C34)	18.855	4410422	43.652 ug/mlm
20) T n-Hexatriacontane (C36)	19.593	4244883	44.427 ug/ml
21) T n-Octatriacontane (C38)	20.291	4101480	44.572 ug/ml
22) T n-Tetracontane (C40)	21.035	4011241	43.160 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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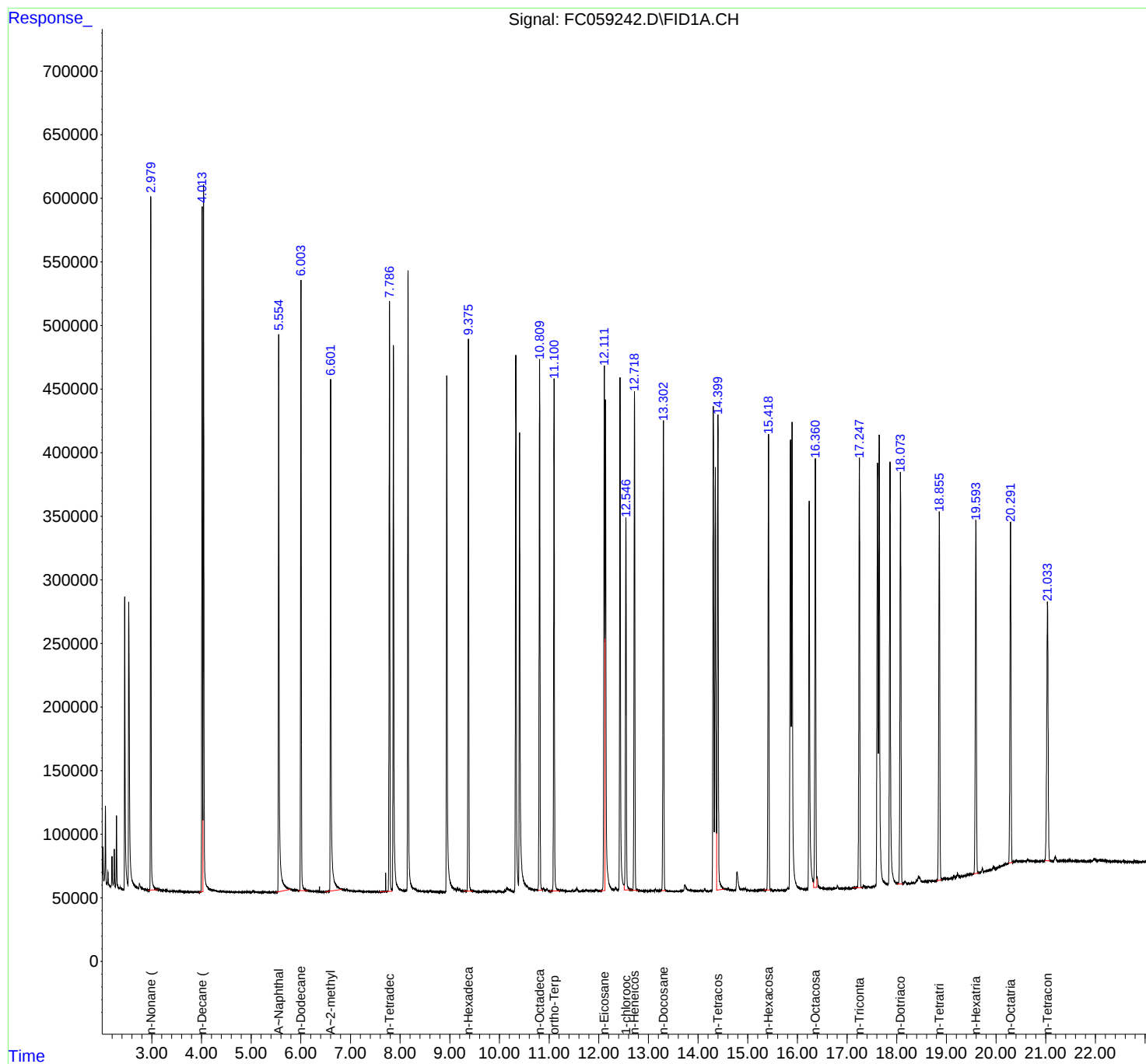
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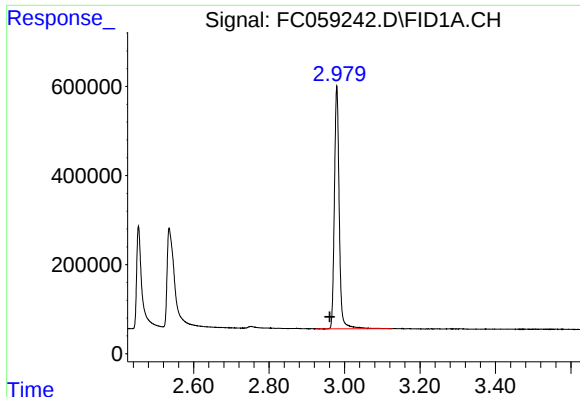
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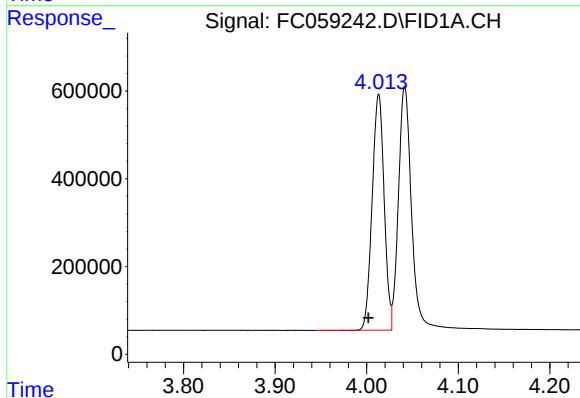
#1 n-Nonane (C9)

R.T.: 2.979 min
Delta R.T.: 0.018 min
Response: 4815289
Conc: 39.29 ug/ml

Instrument :
FID_C
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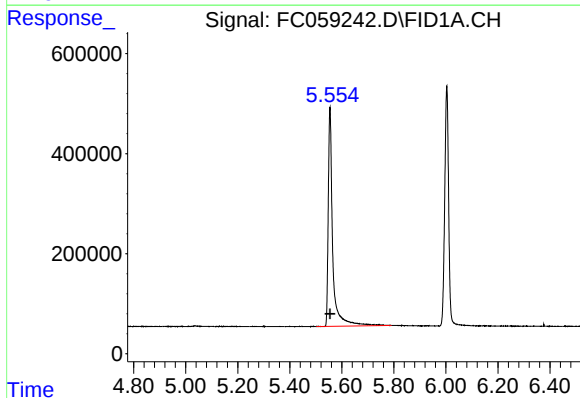
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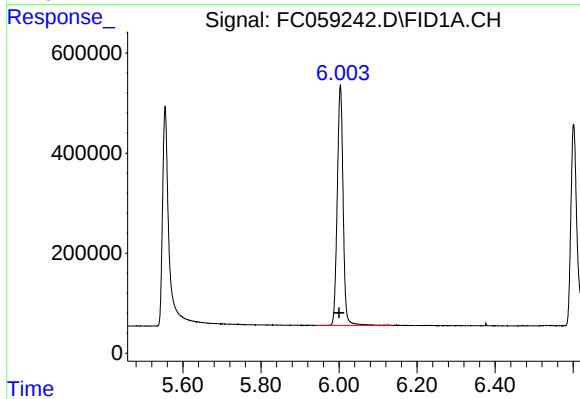
#2 n-Decane (C10)

R.T.: 4.013 min
Delta R.T.: 0.011 min
Response: 4888381
Conc: 39.89 ug/ml



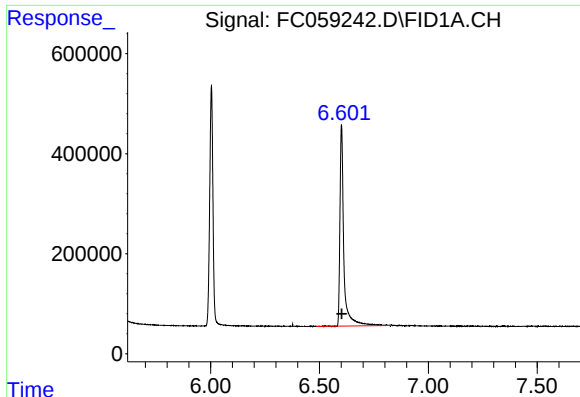
#3 A~Naphthalene (C11.7)

R.T.: 5.555 min
Delta R.T.: 0.000 min
Response: 5225884
Conc: 41.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.003 min
Delta R.T.: 0.003 min
Response: 5002914
Conc: 39.17 ug/ml



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

R.T.: 6.601 min
Delta R.T.: -0.002 min
Response: 5002702
Conc: 39.02 ug/ml

Instrument :

FID_C

ClientSampleId :

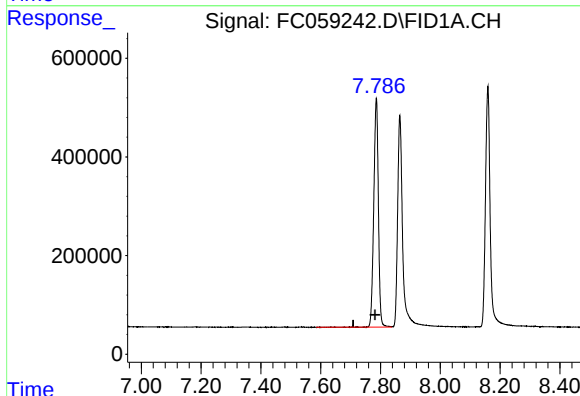
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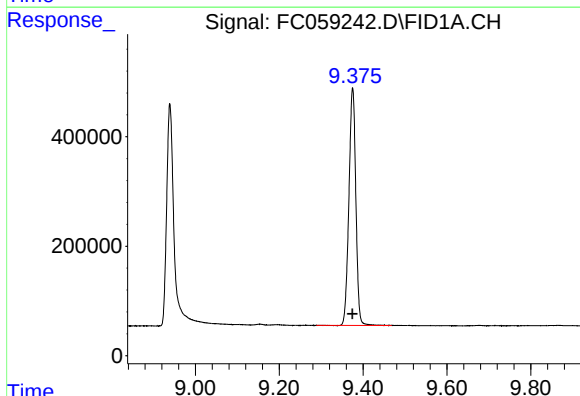
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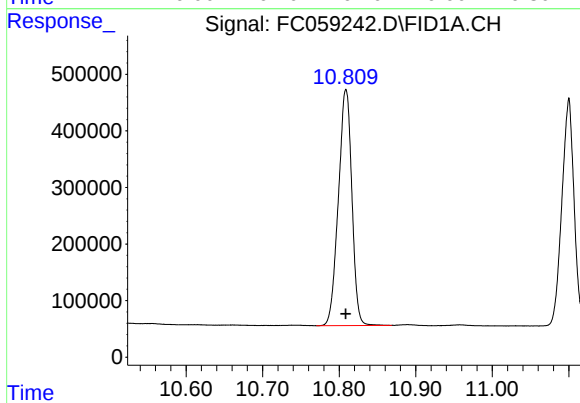
#6 n-Tetradecane (C14)

R.T.: 7.786 min
Delta R.T.: 0.003 min
Response: 4962581
Conc: 38.17 ug/ml



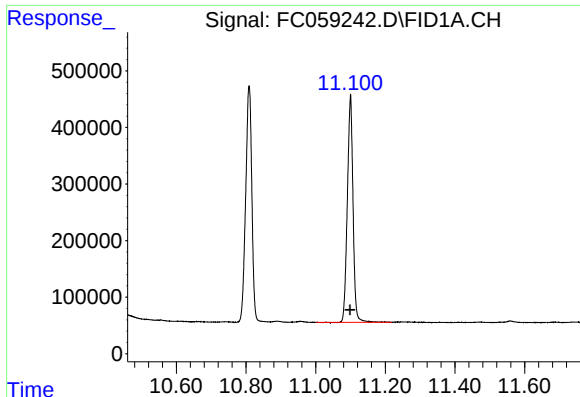
#7 n-Hexadecane (C16)

R.T.: 9.375 min
Delta R.T.: 0.000 min
Response: 4964384
Conc: 37.38 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.809 min
Delta R.T.: 0.000 min
Response: 5105648
Conc: 38.40 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.100 min
Delta R.T.: 0.001 min
Response: 4547685
Conc: 31.56 ug/ml

Instrument :

FID_C

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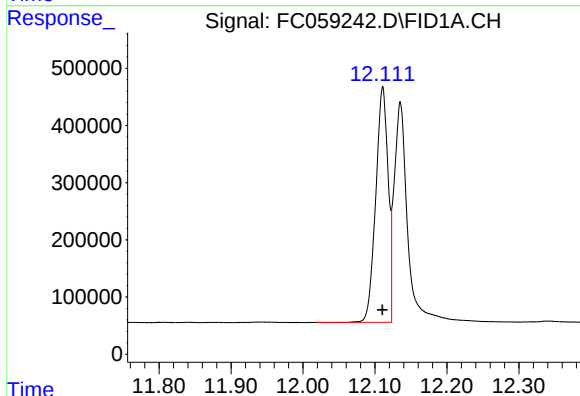
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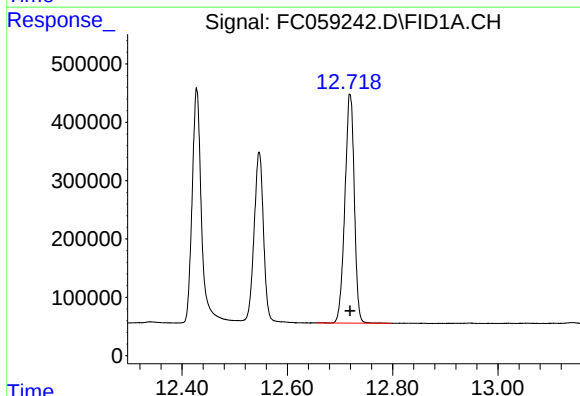
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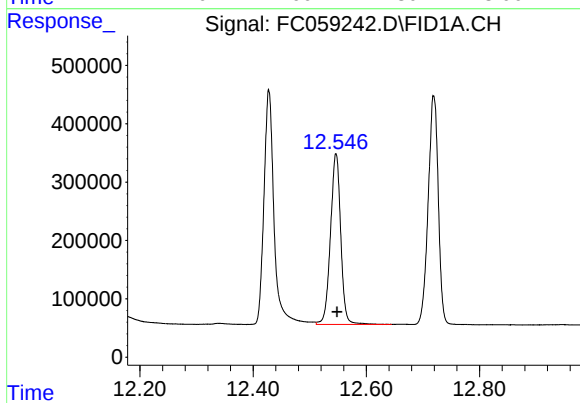
#10 n-Eicosane (C20)

R.T.: 12.111 min
Delta R.T.: 0.000 min
Response: 4886821
Conc: 37.30 ug/ml



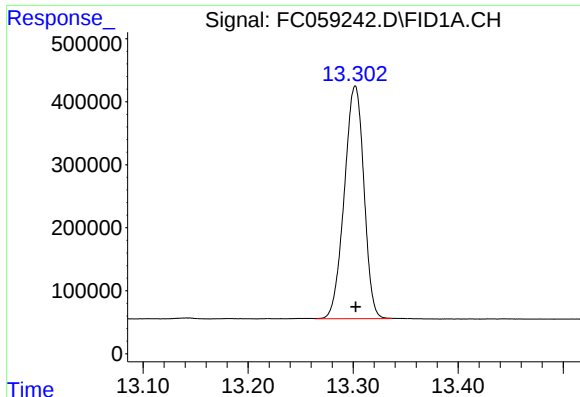
#11 n-Heneicosane (C21)

R.T.: 12.719 min
Delta R.T.: 0.000 min
Response: 4868167
Conc: 37.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.547 min
Delta R.T.: -0.002 min
Response: 3682705
Conc: 32.85 ug/ml



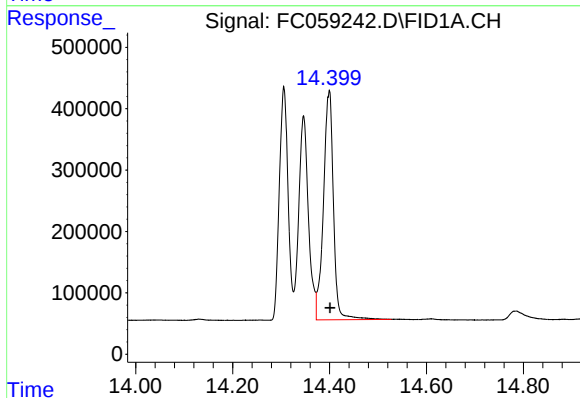
#13 n-Docosane (C22)

R.T.: 13.302 min
Delta R.T.: 0.000 min
Response: 4788292
Conc: 36.96 ug/ml

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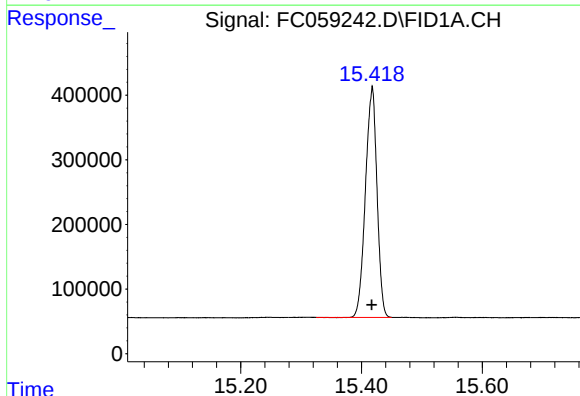
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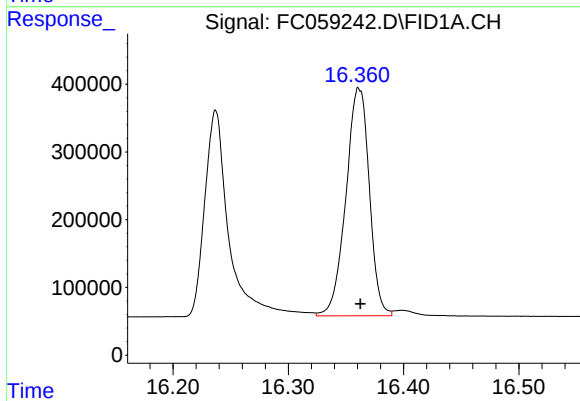
#14 n-Tetracosane (C24)

R.T.: 14.399 min
Delta R.T.: -0.002 min
Response: 5367148
Conc: 42.49 ug/ml



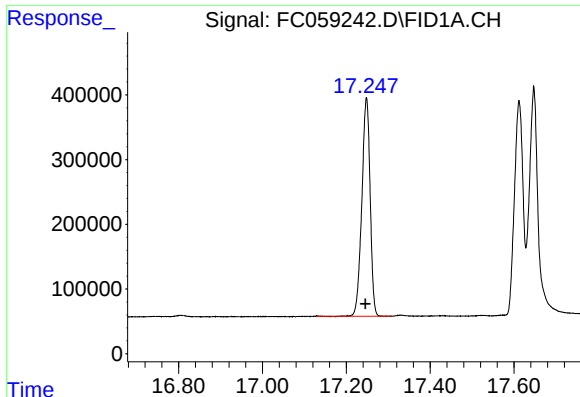
#15 n-Hexacosane (C26)

R.T.: 15.417 min
Delta R.T.: 0.000 min
Response: 4733003
Conc: 39.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.360 min
Delta R.T.: -0.002 min
Response: 4754208
Conc: 40.15 ug/ml m



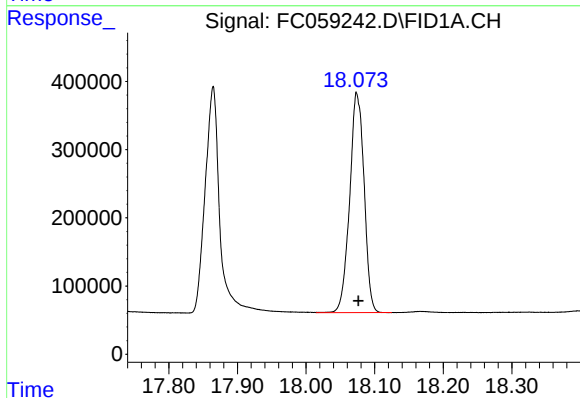
#17 n-Tricontane (C30)

R.T.: 17.248 min
Delta R.T.: 0.002 min
Response: 4635361
Conc: 40.63 ug/ml

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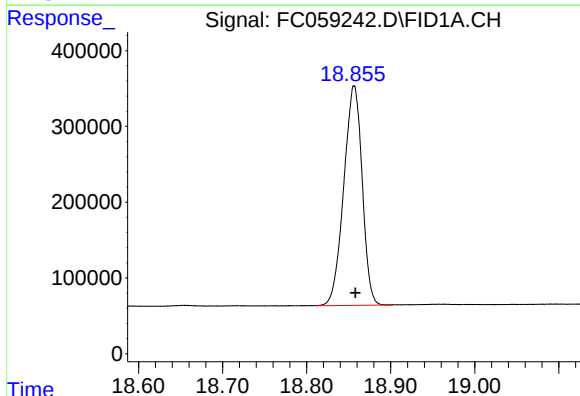
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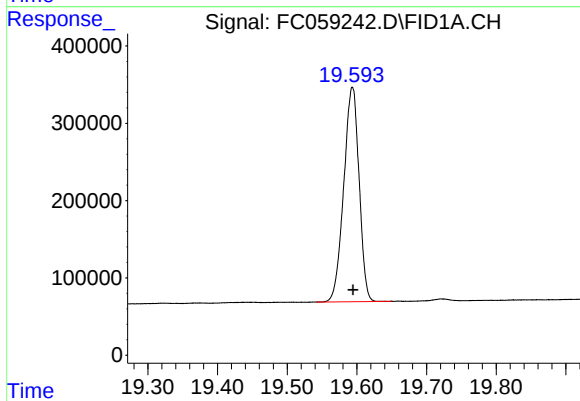
#18 n-Dotriacontane (C32)

R.T.: 18.075 min
Delta R.T.: -0.002 min
Response: 4712902
Conc: 43.99 ug/ml



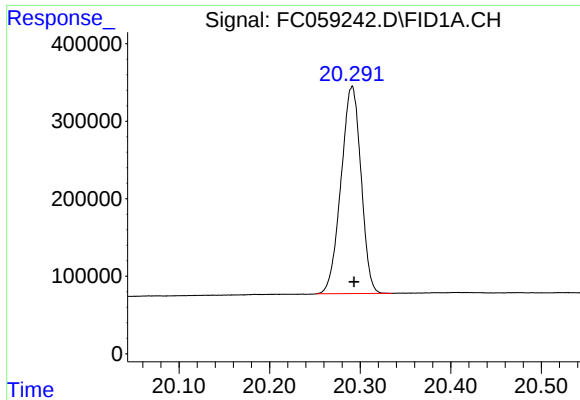
#19 n-Tetratriacontane (C34)

R.T.: 18.855 min
Delta R.T.: -0.003 min
Response: 4410422
Conc: 43.65 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.593 min
Delta R.T.: -0.002 min
Response: 4244883
Conc: 44.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.291 min
Delta R.T.: -0.002 min
Response: 4101480
Conc: 44.57 ug/ml

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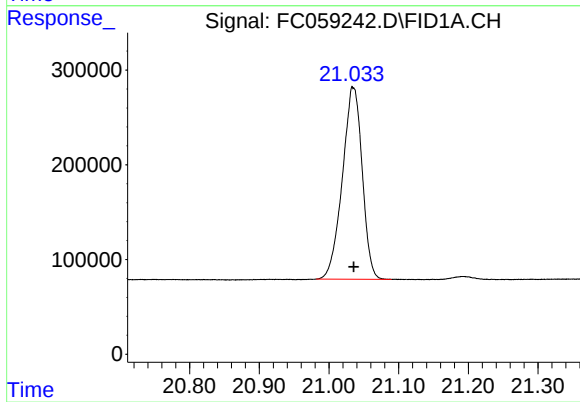
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#22 n-Tetracontane (C40)

R.T.: 21.035 min
Delta R.T.: 0.000 min
Response: 4011241
Conc: 43.16 ug/ml