

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042722AL\
 Data File : FC059492.D
 Signal(s) : FID1A.CH
 Acq On : 28 Apr 2022 2:40
 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 04/28/2022
 Supervised By :mohammad ahmed 04/28/2022

Integration File: sample.E
 Quant Time: Apr 28 04:55:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:30:29 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)	11.094	3242868	20.181 ug/ml
Spiked Amount 50.000		Recovery =	40.36%
12) S 1-chlorooctadecane (S...	12.541	2541390	19.462 ug/ml
Spiked Amount 50.000		Recovery =	38.92%
Target Compounds			
1) T n-Nonane (C9)	2.960	2759658	22.019 ug/ml
2) T n-Decane (C10)	4.001	2789637	22.329 ug/ml
3) T A~Naphthalene (C11.7)	5.550	2921389	23.815 ug/ml
4) T n-Dodecane (C12)	5.997	2945471	22.337 ug/ml
5) T A~2-methylnaphthalene...	6.597	2962753	23.476 ug/ml
6) T n-Tetradecane (C14)	7.779	2994492	22.138 ug/ml
7) T n-Hexadecane (C16)	9.370	3054710	21.750 ug/ml
8) T n-Octadecane (C18)	10.802	3067238	20.997 ug/ml
10) T n-Eicosane (C20)	12.104	2998375	19.993 ug/ml
11) T n-Heneicosane (C21)	12.713	2965313	19.494 ug/ml
13) T n-Docosane (C22)	13.296	2953046	19.273 ug/ml
14) T n-Tetracosane (C24)	14.394	2847656	18.391 ug/ml
15) T n-Hexacosane (C26)	15.409	2709565	17.581 ug/ml
16) T n-Octacosane (C28)	16.354	2640017	17.054 ug/ml
17) T n-Tricontane (C30)	17.238	2557502	16.838 ug/ml
18) T n-Dotriacontane (C32)	18.068	2412718	17.124 ug/mlm
19) T n-Tetratriacontane (C34)	18.847	2207823	17.469 ug/ml
20) T n-Hexatriacontane (C36)	19.585	1965532	17.970 ug/ml
21) T n-Octatriacontane (C38)	20.284	1845637	19.817 ug/mlm
22) T n-Tetracontane (C40)	21.024	1760677	21.079 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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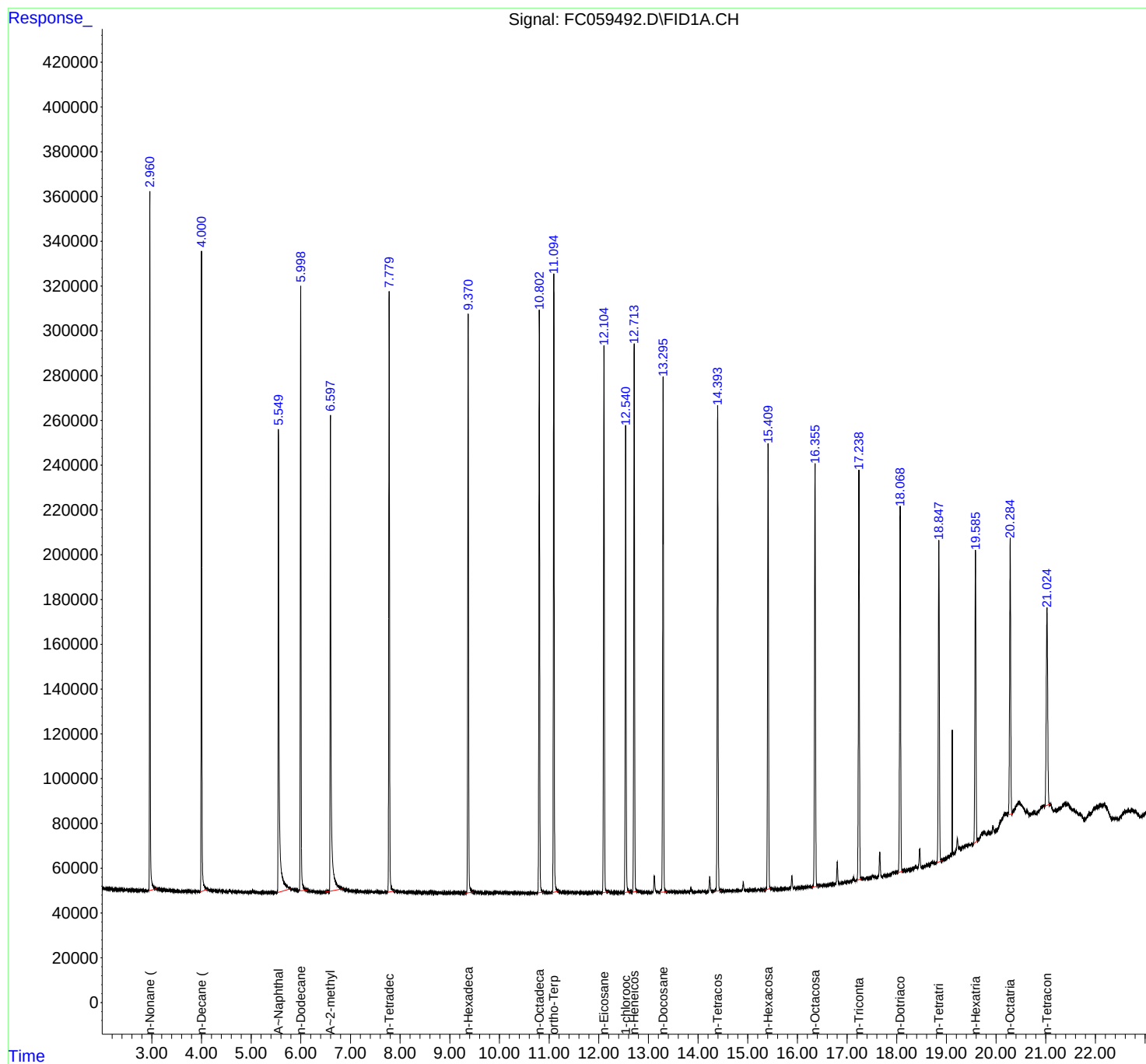
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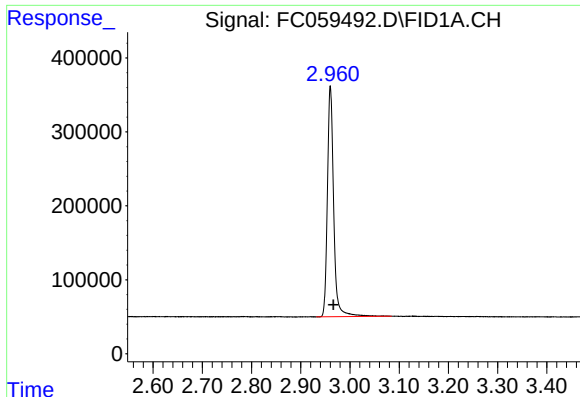
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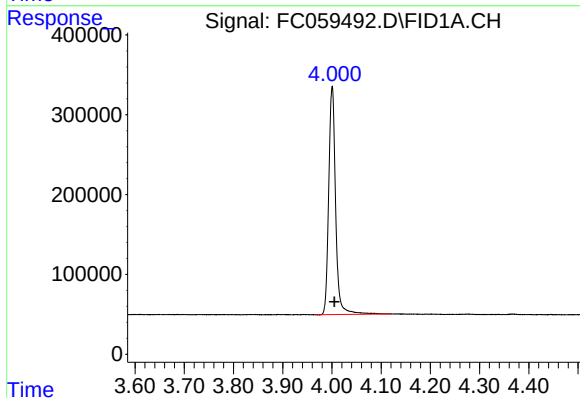
#1 n-Nonane (C9)

R.T.: 2.960 min
Delta R.T.: -0.006 min
Response: 2759658
Conc: 22.02 ug/ml

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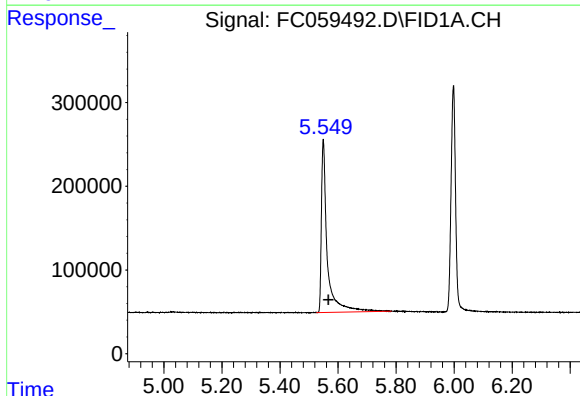
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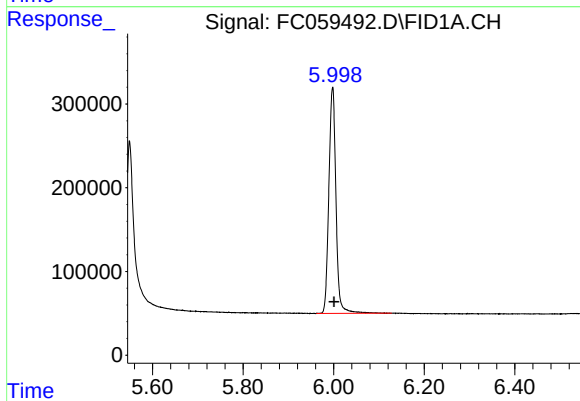
#2 n-Decane (C10)

R.T.: 4.001 min
Delta R.T.: -0.005 min
Response: 2789637
Conc: 22.33 ug/ml



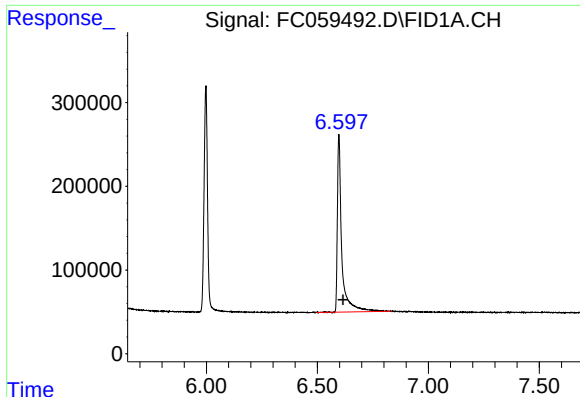
#3 A~Naphthalene (C11.7)

R.T.: 5.550 min
Delta R.T.: -0.017 min
Response: 2921389
Conc: 23.82 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.997 min
Delta R.T.: -0.003 min
Response: 2945471
Conc: 22.34 ug/ml



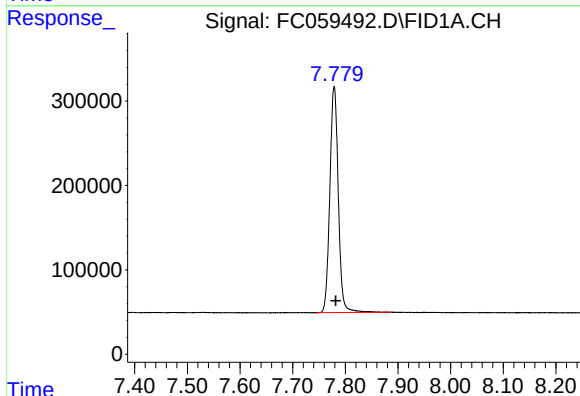
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.597 min
Delta R.T.: -0.018 min
Response: 2962753
Conc: 23.48 ug/ml

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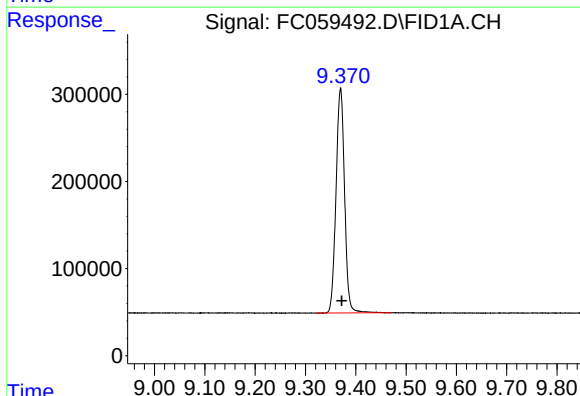
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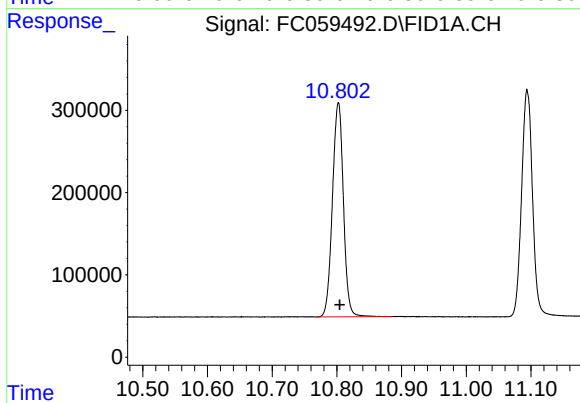
#6 n-Tetradecane (C14)

R.T.: 7.779 min
Delta R.T.: -0.003 min
Response: 2994492
Conc: 22.14 ug/ml



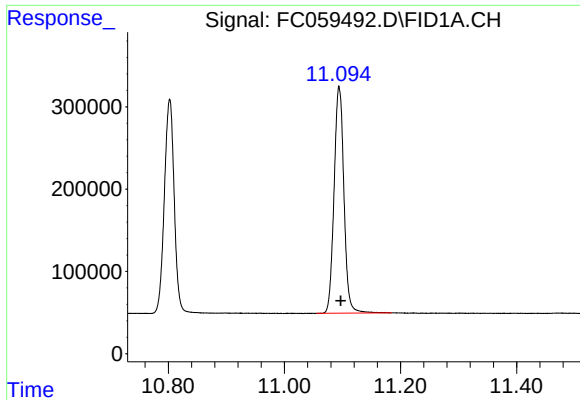
#7 n-Hexadecane (C16)

R.T.: 9.370 min
Delta R.T.: -0.002 min
Response: 3054710
Conc: 21.75 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.802 min
Delta R.T.: -0.002 min
Response: 3067238
Conc: 21.00 ug/ml



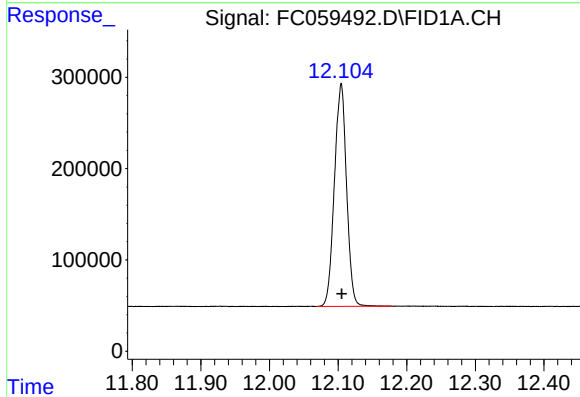
#9 ortho-Terphenyl (SURR)

R.T.: 11.094 min
Delta R.T.: -0.003 min
Response: 3242868
Conc: 20.18 ug/ml

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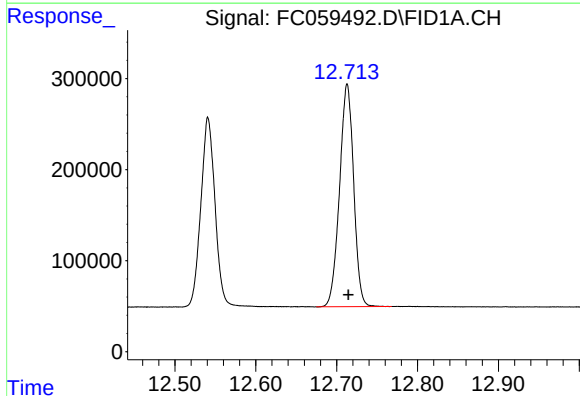
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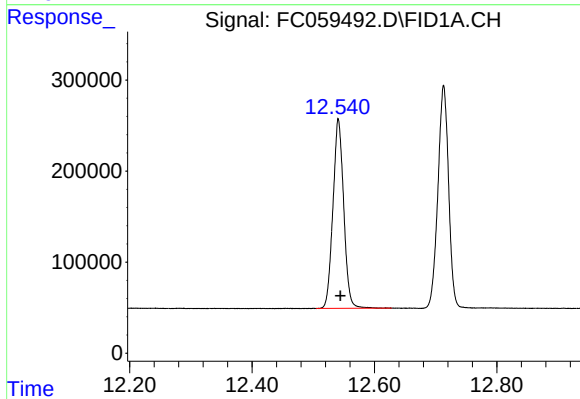
#10 n-Eicosane (C20)

R.T.: 12.104 min
Delta R.T.: -0.001 min
Response: 2998375
Conc: 19.99 ug/ml



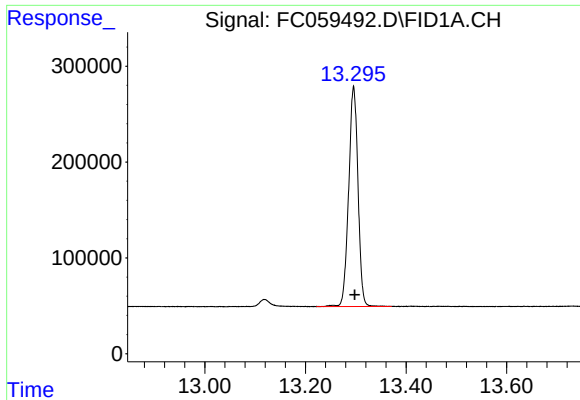
#11 n-Heneicosane (C21)

R.T.: 12.713 min
Delta R.T.: -0.002 min
Response: 2965313
Conc: 19.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.541 min
Delta R.T.: -0.003 min
Response: 2541390
Conc: 19.46 ug/ml



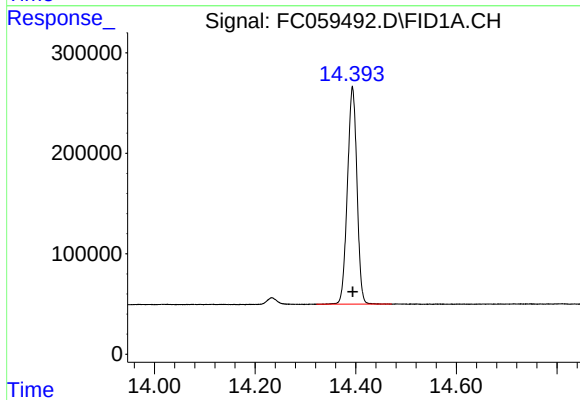
#13 n-Docosane (C22)

R.T.: 13.296 min
Delta R.T.: -0.002 min
Response: 2953046
Conc: 19.27 ug/ml

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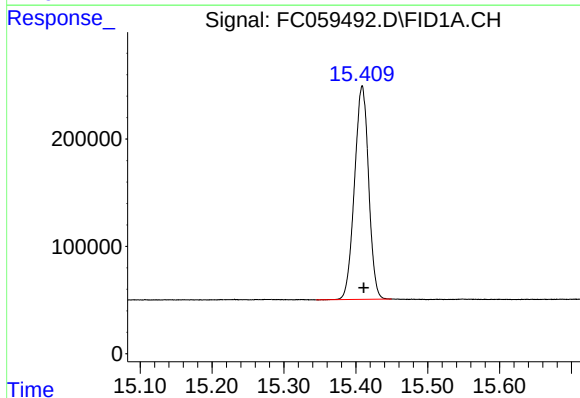
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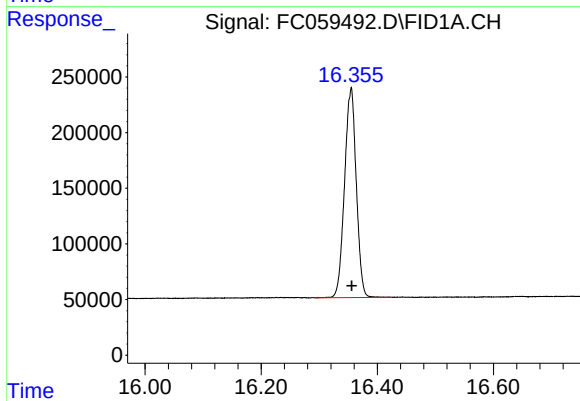
#14 n-Tetracosane (C24)

R.T.: 14.394 min
Delta R.T.: 0.000 min
Response: 2847656
Conc: 18.39 ug/ml



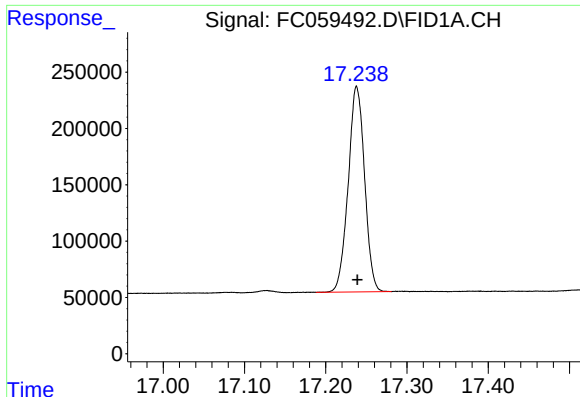
#15 n-Hexacosane (C26)

R.T.: 15.409 min
Delta R.T.: -0.002 min
Response: 2709565
Conc: 17.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.354 min
Delta R.T.: -0.002 min
Response: 2640017
Conc: 17.05 ug/ml



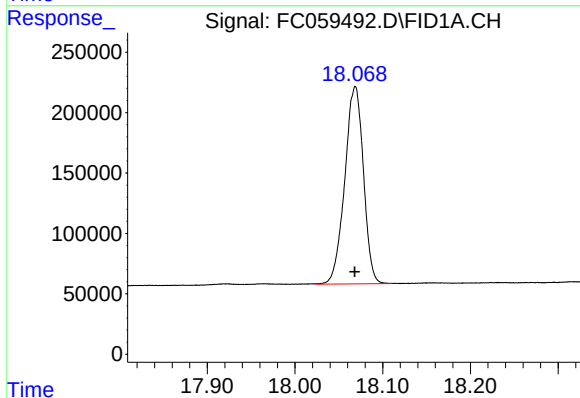
#17 n-Tricontane (C30)

R.T.: 17.238 min
Delta R.T.: 0.000 min
Response: 2557502
Conc: 16.84 ug/ml

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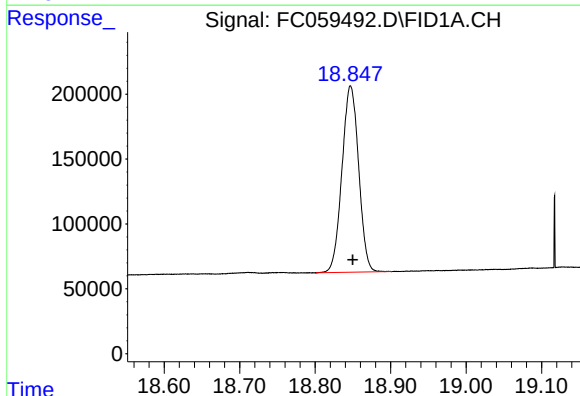
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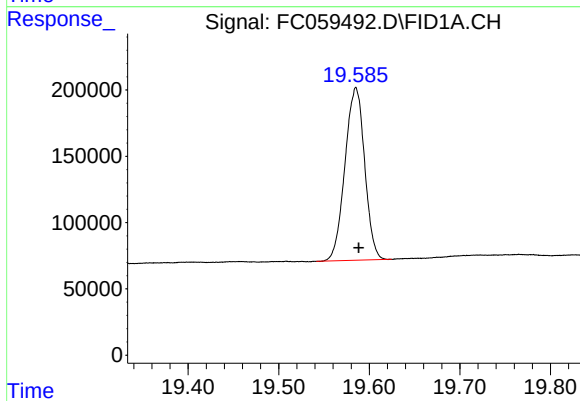
#18 n-Dotriacontane (C32)

R.T.: 18.068 min
Delta R.T.: 0.000 min
Response: 2412718
Conc: 17.12 ug/ml m



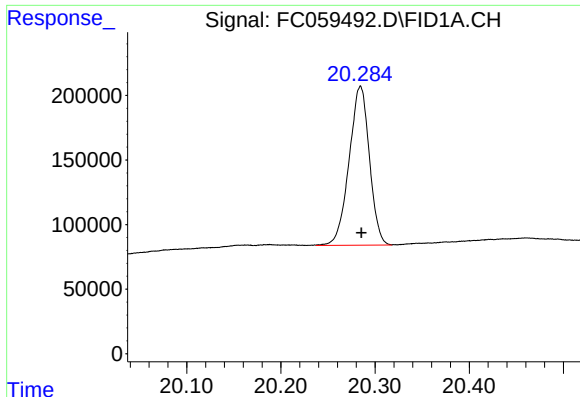
#19 n-Tetratriacontane (C34)

R.T.: 18.847 min
Delta R.T.: -0.002 min
Response: 2207823
Conc: 17.47 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.585 min
Delta R.T.: -0.004 min
Response: 1965532
Conc: 17.97 ug/ml



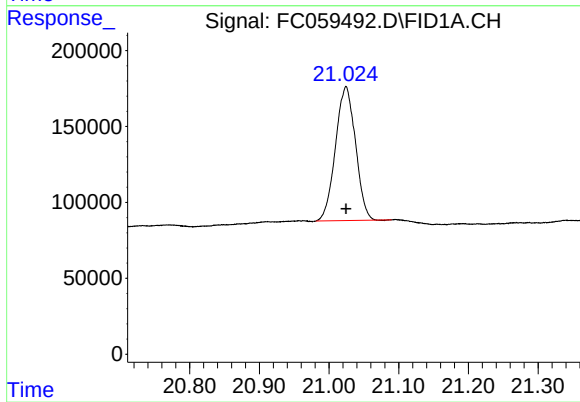
#21 n-Octatriacontane (C38)

R.T.: 20.284 min
Delta R.T.: -0.001 min
Response: 1845637
Conc: 19.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.024 min
Delta R.T.: 0.000 min
Response: 1760677
Conc: 21.08 ug/ml