

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042222AL\
 Data File : FC059395.D
 Signal(s) : FID1A.CH
 Acq On : 23 Apr 2022 15:31
 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 04/25/2022
 Supervised By :mohammad ahmed 04/25/2022

Integration File: sample.E
 Quant Time: Apr 25 01:33:37 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)	11.095	3193546	19.874 ug/ml
Spiked Amount 50.000		Recovery =	39.75%
12) S 1-chlorooctadecane (S...	12.541	2546752	19.503 ug/ml
Spiked Amount 50.000		Recovery =	39.01%
Target Compounds			
1) T n-Nonane (C9)	2.960	2506310	19.998 ug/ml
2) T n-Decane (C10)	4.000	2527307	20.229 ug/ml
3) T A~Naphthalene (C11.7)	5.550	2652106	21.620 ug/ml
4) T n-Dodecane (C12)	5.998	2686769	20.375 ug/ml
5) T A~2-methylnaphthalene...	6.598	2700289	21.396 ug/ml
6) T n-Tetradecane (C14)	7.779	2768476	20.467 ug/ml
7) T n-Hexadecane (C16)	9.370	2865849	20.406 ug/ml
8) T n-Octadecane (C18)	10.803	2945955	20.167 ug/ml
10) T n-Eicosane (C20)	12.104	2941099	19.611 ug/ml
11) T n-Heneicosane (C21)	12.713	2939567	19.325 ug/ml
13) T n-Docosane (C22)	13.295	2931486	19.132 ug/ml
14) T n-Tetracosane (C24)	14.393	2854101	18.432 ug/ml
15) T n-Hexacosane (C26)	15.408	2700511	17.522 ug/ml
16) T n-Octacosane (C28)	16.355	2570047	16.602 ug/ml
17) T n-Tricontane (C30)	17.238	2418607	15.924 ug/ml
18) T n-Dotriacontane (C32)	18.068	2199953	15.613 ug/mlm
19) T n-Tetratriacontane (C34)	18.847	1988333	15.732 ug/ml
20) T n-Hexatriacontane (C36)	19.584	1785710	16.326 ug/ml
21) T n-Octatriacontane (C38)	20.281	1762567	18.925 ug/mlm
22) T n-Tetracontane (C40)	21.021	1817100	21.754 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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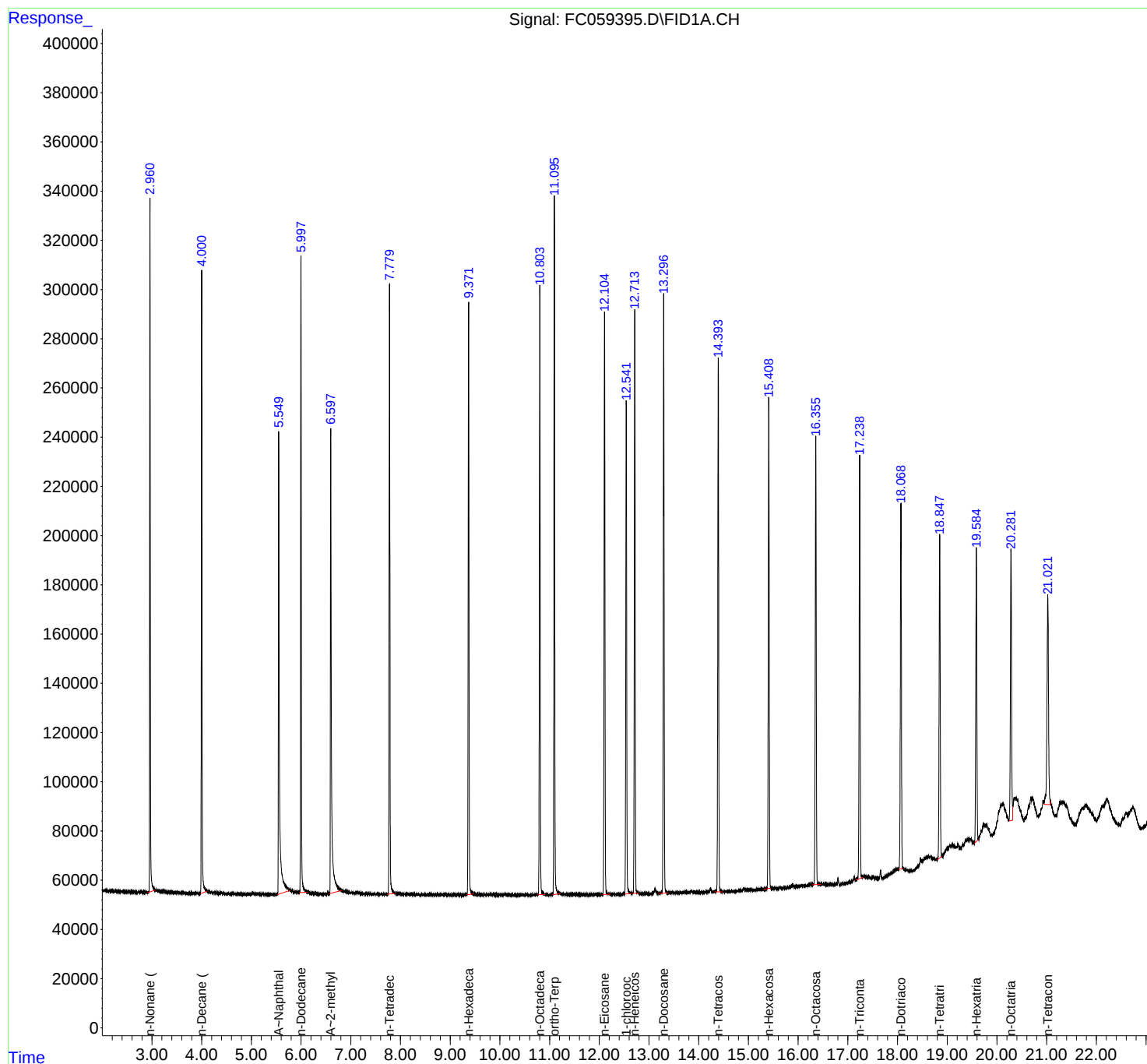
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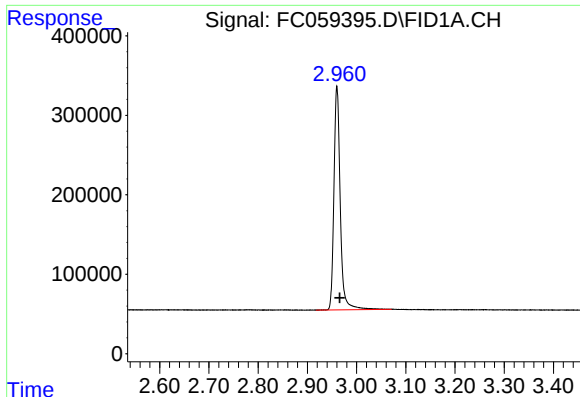
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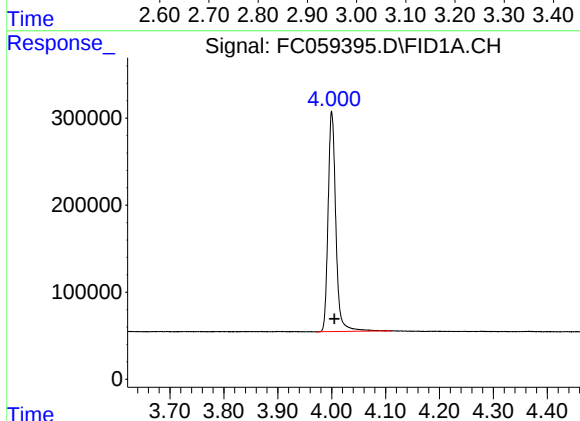
#1 n-Nonane (C9)

R.T.: 2.960 min
Delta R.T.: -0.006 min
Response: 2506310
Conc: 20.00 ug/ml

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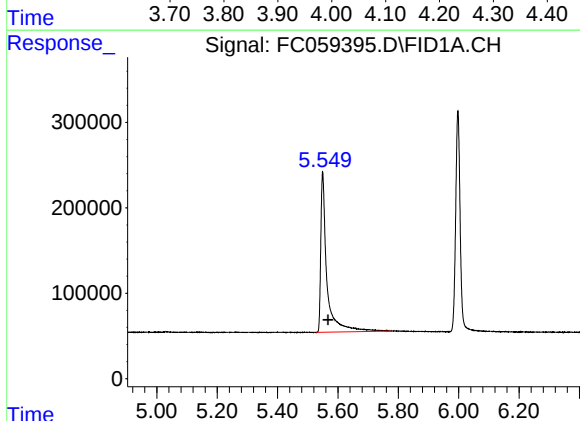
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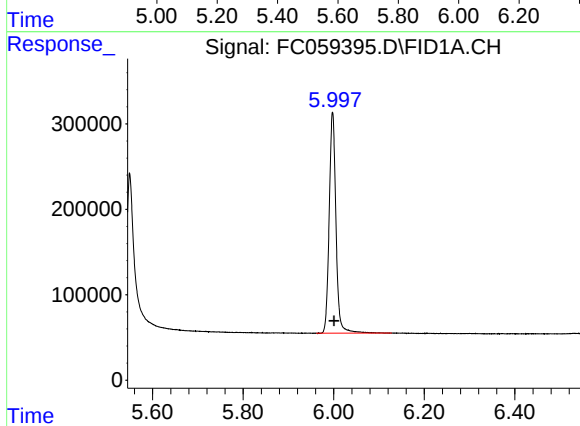
#2 n-Decane (C10)

R.T.: 4.000 min
Delta R.T.: -0.005 min
Response: 2527307
Conc: 20.23 ug/ml



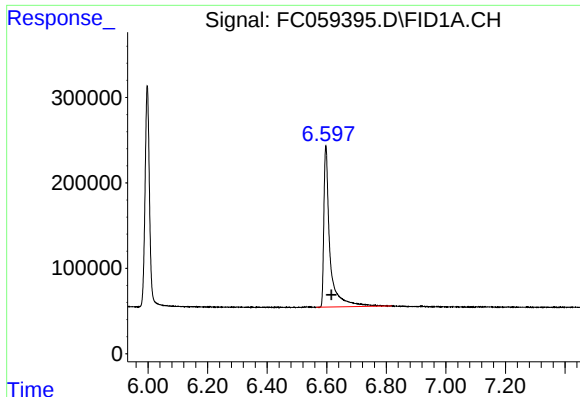
#3 A~Naphthalene (C11.7)

R.T.: 5.550 min
Delta R.T.: -0.017 min
Response: 2652106
Conc: 21.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.998 min
Delta R.T.: -0.003 min
Response: 2686769
Conc: 20.37 ug/ml



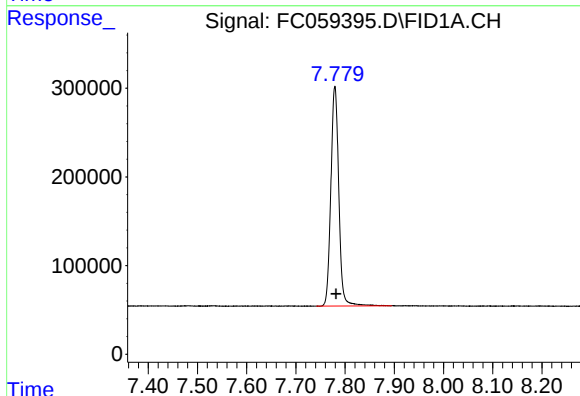
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.598 min
Delta R.T.: -0.017 min
Response: 2700289
Conc: 21.40 ug/ml

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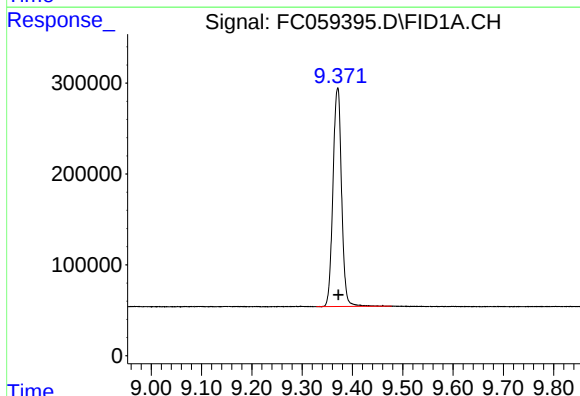
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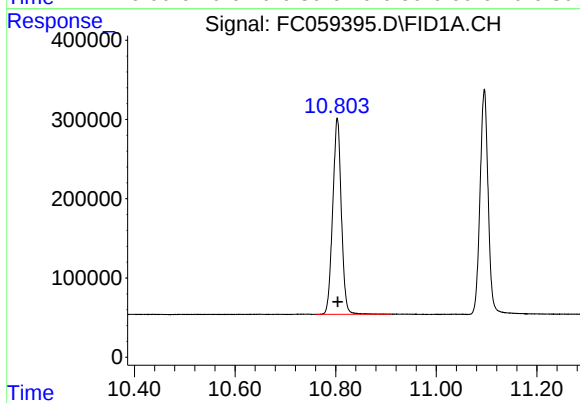
#6 n-Tetradecane (C14)

R.T.: 7.779 min
Delta R.T.: -0.002 min
Response: 2768476
Conc: 20.47 ug/ml



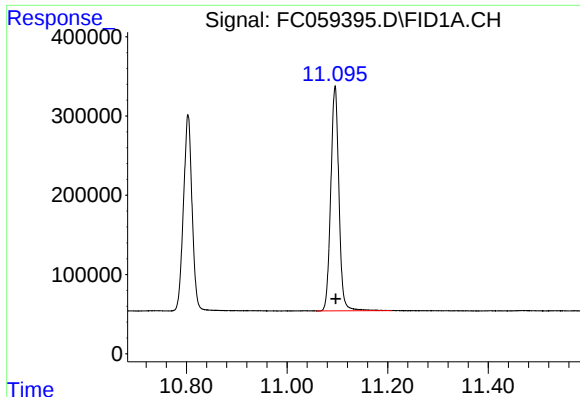
#7 n-Hexadecane (C16)

R.T.: 9.370 min
Delta R.T.: -0.002 min
Response: 2865849
Conc: 20.41 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.803 min
Delta R.T.: -0.001 min
Response: 2945955
Conc: 20.17 ug/ml



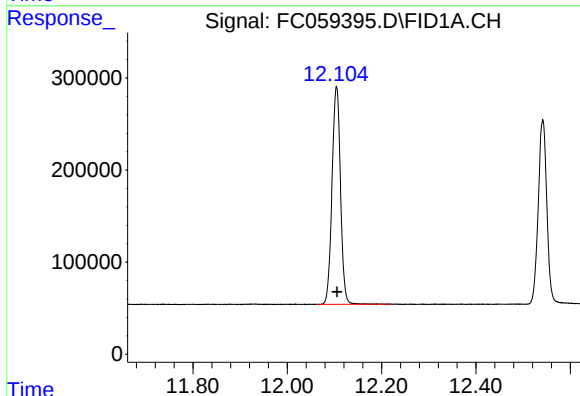
#9 ortho-Terphenyl (SURR)

R.T.: 11.095 min
Delta R.T.: -0.002 min
Response: 3193546
Conc: 19.87 ug/ml

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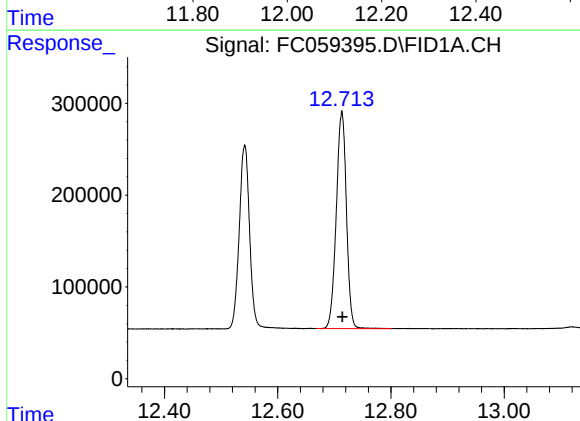
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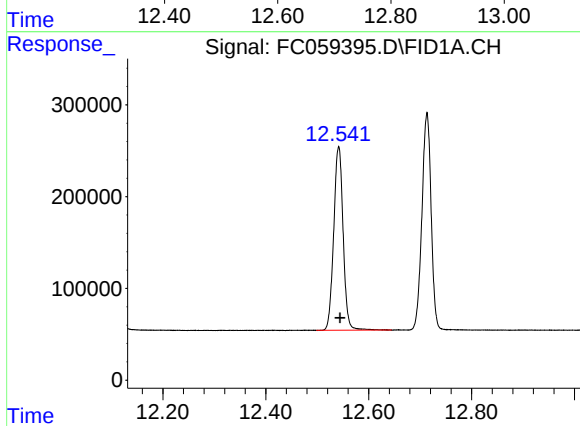
#10 n-Eicosane (C20)

R.T.: 12.104 min
Delta R.T.: -0.001 min
Response: 2941099
Conc: 19.61 ug/ml



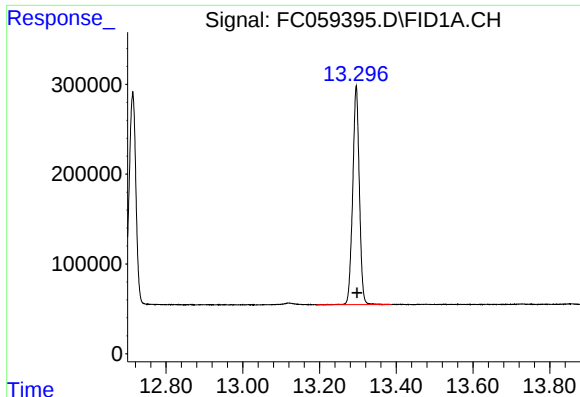
#11 n-Heneicosane (C21)

R.T.: 12.713 min
Delta R.T.: -0.002 min
Response: 2939567
Conc: 19.33 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.541 min
Delta R.T.: -0.003 min
Response: 2546752
Conc: 19.50 ug/ml



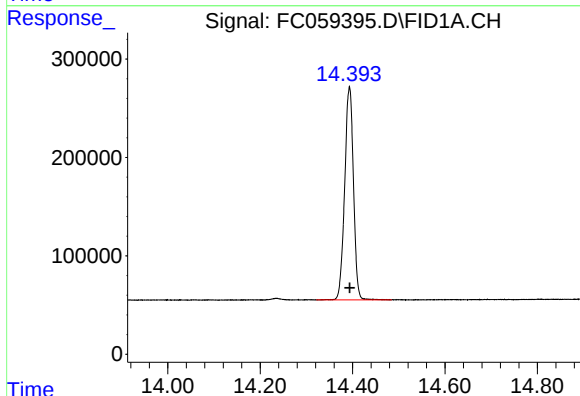
#13 n-Docosane (C22)

R.T.: 13.295 min
Delta R.T.: -0.003 min
Response: 2931486
Conc: 19.13 ug/ml

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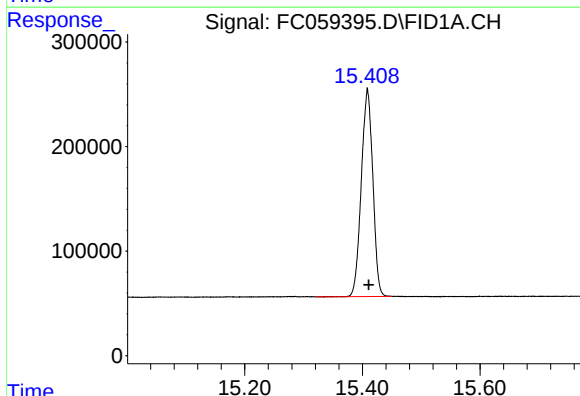
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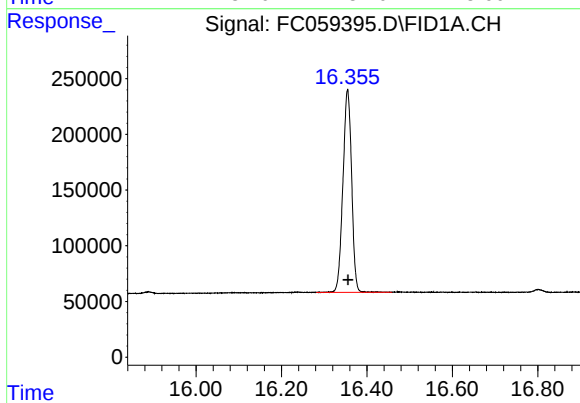
#14 n-Tetracosane (C24)

R.T.: 14.393 min
Delta R.T.: -0.001 min
Response: 2854101
Conc: 18.43 ug/ml



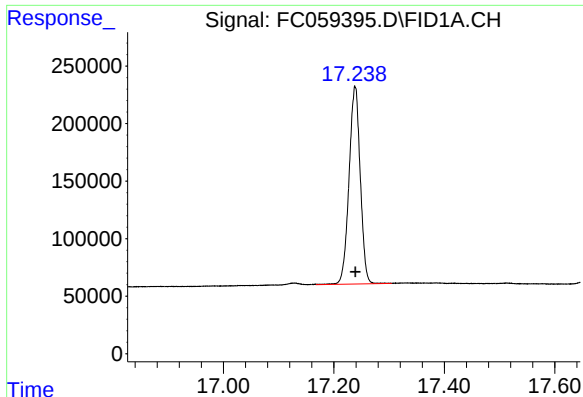
#15 n-Hexacosane (C26)

R.T.: 15.408 min
Delta R.T.: -0.002 min
Response: 2700511
Conc: 17.52 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.355 min
Delta R.T.: -0.002 min
Response: 2570047
Conc: 16.60 ug/ml



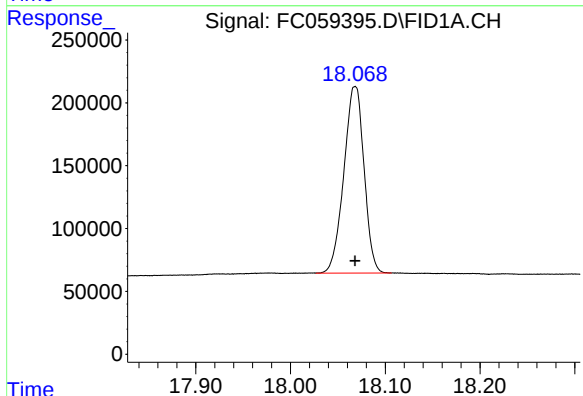
#17 n-Tricontane (C30)

R.T.: 17.238 min
Delta R.T.: 0.000 min
Response: 2418607
Conc: 15.92 ug/ml

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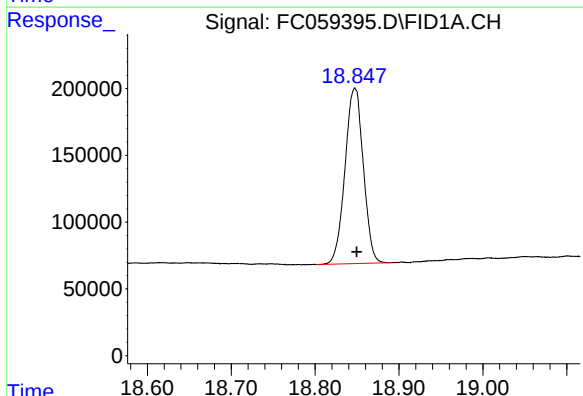
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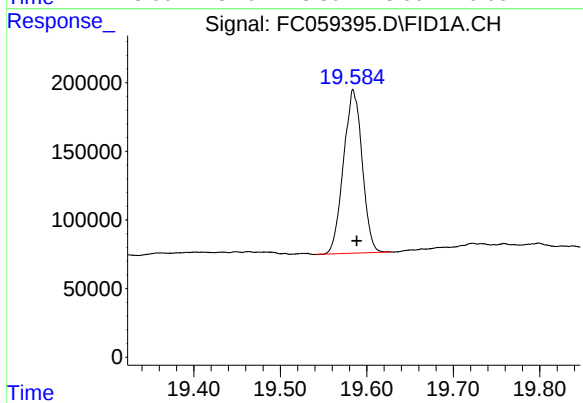
#18 n-Dotriacontane (C32)

R.T.: 18.068 min
Delta R.T.: 0.000 min
Response: 2199953
Conc: 15.61 ug/ml m



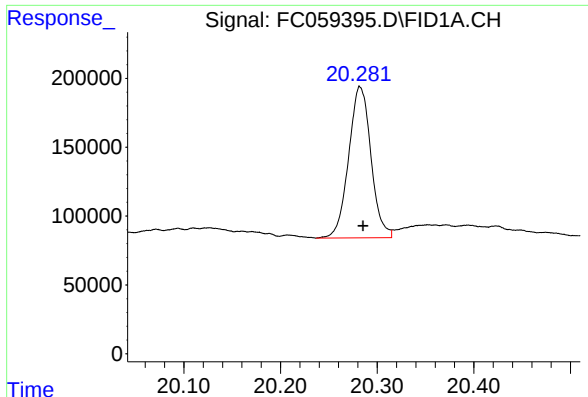
#19 n-Tetratriacontane (C34)

R.T.: 18.847 min
Delta R.T.: -0.003 min
Response: 1988333
Conc: 15.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.584 min
Delta R.T.: -0.004 min
Response: 1785710
Conc: 16.33 ug/ml



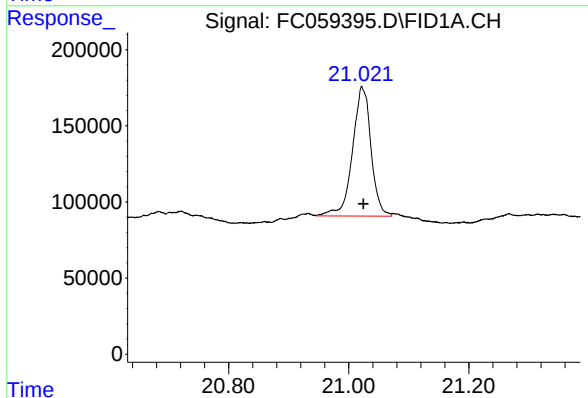
#21 n-Octatriacontane (C38)

R.T.: 20.281 min
Delta R.T.: -0.004 min
Response: 1762567
Conc: 18.93 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.021 min
Delta R.T.: -0.004 min
Response: 1817100
Conc: 21.75 ug/ml m