

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042622AL\
 Data File : FC059457.D
 Signal(s) : FID1A.CH
 Acq On : 27 Apr 2022 2:10
 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 04/27/2022
 Supervised By :mohammad ahmed 04/27/2022

Integration File: sample.E
 Quant Time: Apr 27 02:32:06 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)	11.096	3251893	20.237 ug/ml
Spiked Amount 50.000		Recovery =	40.47%
12) S 1-chlorooctadecane (S...	12.542	2559665	19.602 ug/ml
Spiked Amount 50.000		Recovery =	39.20%
Target Compounds			
1) T n-Nonane (C9)	2.961	2722617	21.724 ug/ml
2) T n-Decane (C10)	4.001	2749580	22.008 ug/ml
3) T A~Naphthalene (C11.7)	5.551	2835779	23.118 ug/ml
4) T n-Dodecane (C12)	5.998	2896846	21.968 ug/ml
5) T A~2-methylnaphthalene...	6.598	2891201	22.909 ug/ml
6) T n-Tetradecane (C14)	7.780	2960544	21.887 ug/ml
7) T n-Hexadecane (C16)	9.370	3021779	21.516 ug/ml
8) T n-Octadecane (C18)	10.804	3070224	21.018 ug/ml
10) T n-Eicosane (C20)	12.105	3035453	20.240 ug/ml
11) T n-Heneicosane (C21)	12.713	2985813	19.629 ug/ml
13) T n-Docosane (C22)	13.297	2961526	19.328 ug/ml
14) T n-Tetracosane (C24)	14.394	2848345	18.395 ug/ml
15) T n-Hexacosane (C26)	15.410	2680648	17.393 ug/ml
16) T n-Octacosane (C28)	16.355	2597854	16.782 ug/ml
17) T n-Tricontane (C30)	17.239	2481088	16.335 ug/ml
18) T n-Dotriacontane (C32)	18.068	2322764	16.485 ug/ml
19) T n-Tetratriacontane (C34)	18.849	2125848	16.820 ug/ml
20) T n-Hexatriacontane (C36)	19.585	1935246	17.693 ug/ml
21) T n-Octatriacontane (C38)	20.283	1794959	19.273 ug/mlm
22) T n-Tetracontane (C40)	21.025	1731819	20.733 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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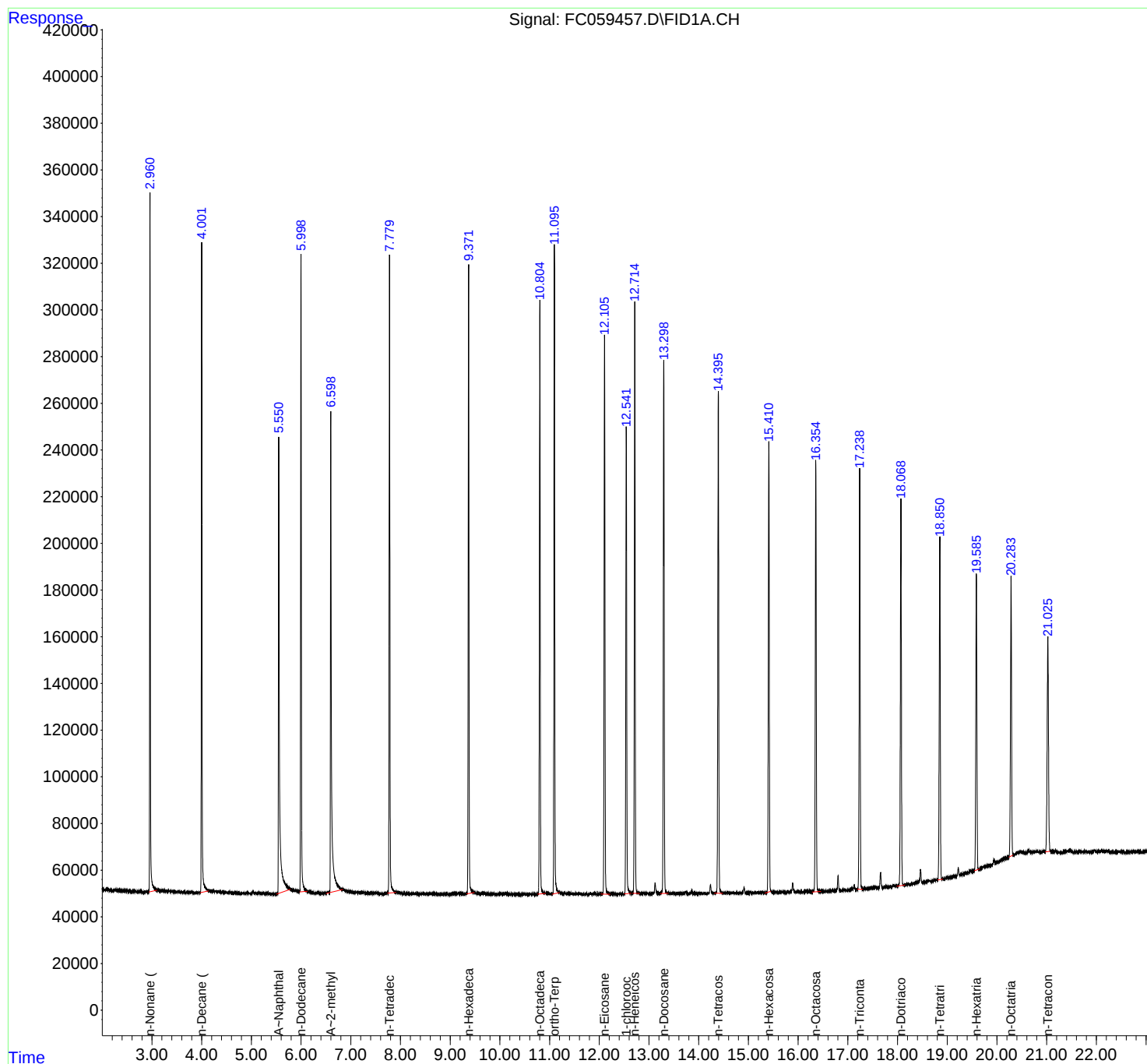
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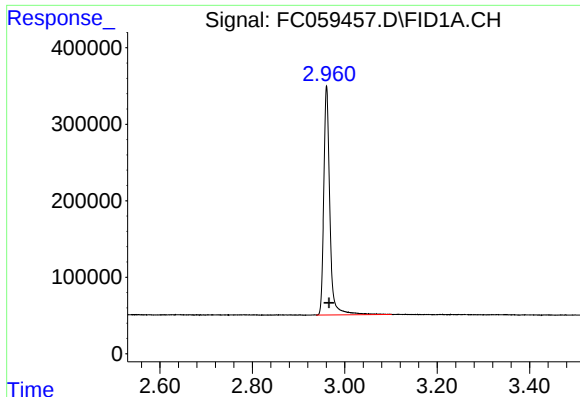
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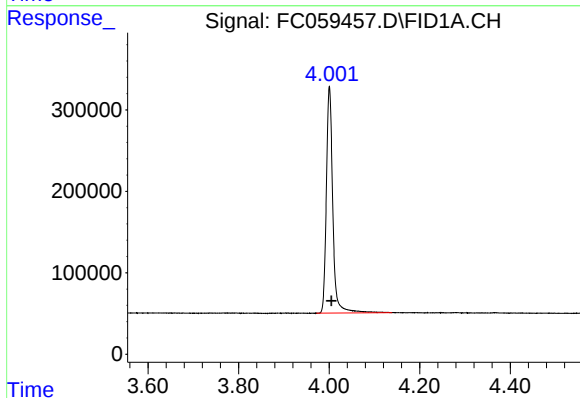
#1 n-Nonane (C9)

R.T.: 2.961 min
Delta R.T.: -0.005 min
Response: 2722617
Conc: 21.72 ug/ml

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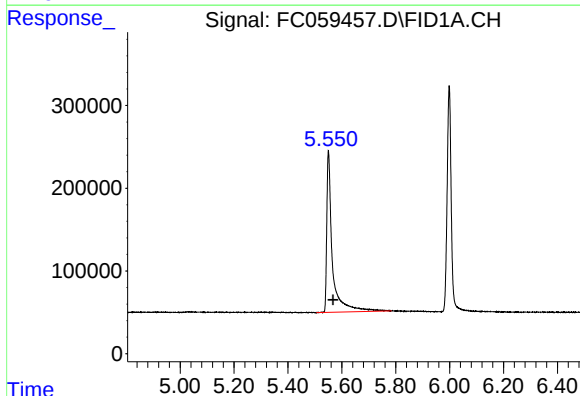
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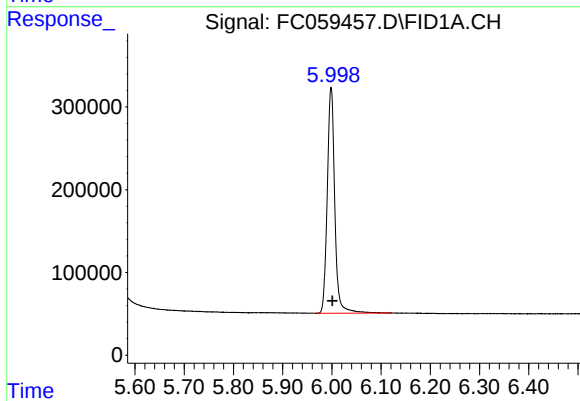
#2 n-Decane (C10)

R.T.: 4.001 min
Delta R.T.: -0.004 min
Response: 2749580
Conc: 22.01 ug/ml



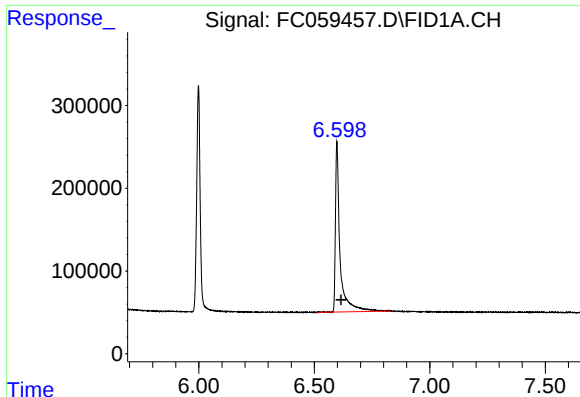
#3 A~Naphthalene (C11.7)

R.T.: 5.551 min
Delta R.T.: -0.016 min
Response: 2835779
Conc: 23.12 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.998 min
Delta R.T.: -0.002 min
Response: 2896846
Conc: 21.97 ug/ml



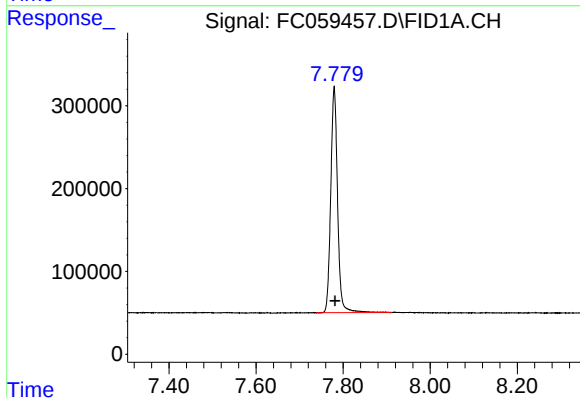
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.598 min
Delta R.T.: -0.017 min
Response: 2891201
Conc: 22.91 ug/ml

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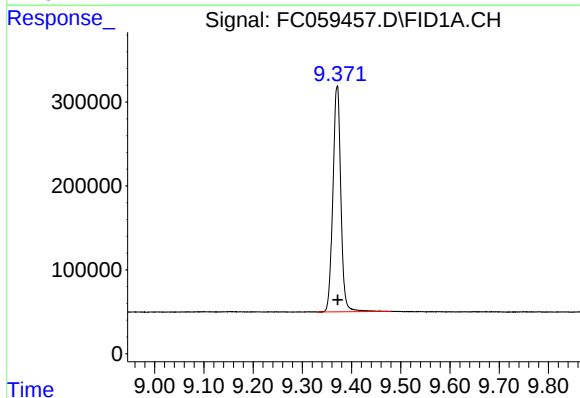
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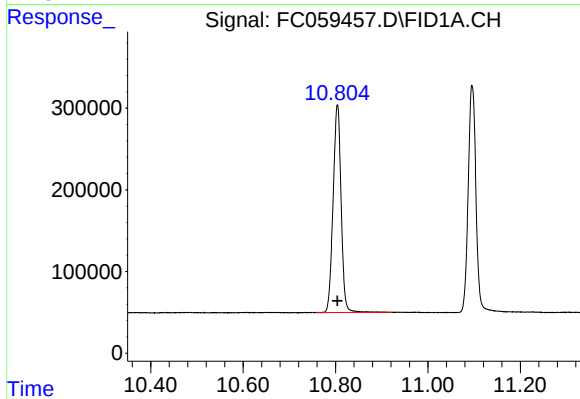
#6 n-Tetradecane (C14)

R.T.: 7.780 min
Delta R.T.: -0.002 min
Response: 2960544
Conc: 21.89 ug/ml



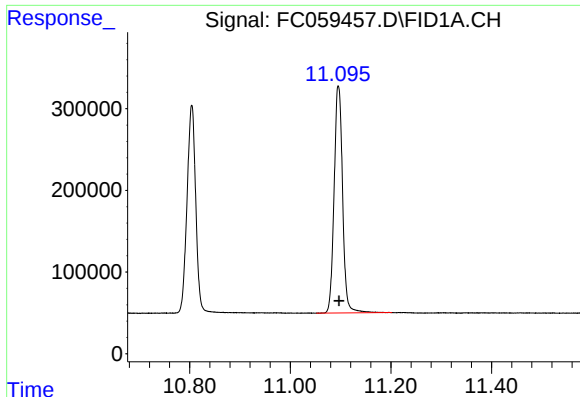
#7 n-Hexadecane (C16)

R.T.: 9.370 min
Delta R.T.: -0.002 min
Response: 3021779
Conc: 21.52 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.804 min
Delta R.T.: 0.000 min
Response: 3070224
Conc: 21.02 ug/ml



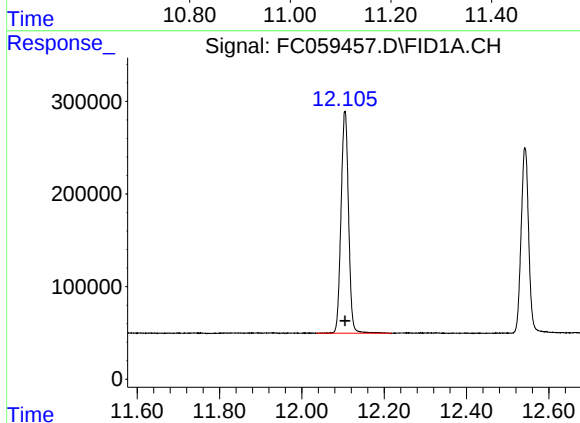
#9 ortho-Terphenyl (SURR)

R.T.: 11.096 min
Delta R.T.: -0.001 min
Response: 3251893
Conc: 20.24 ug/ml

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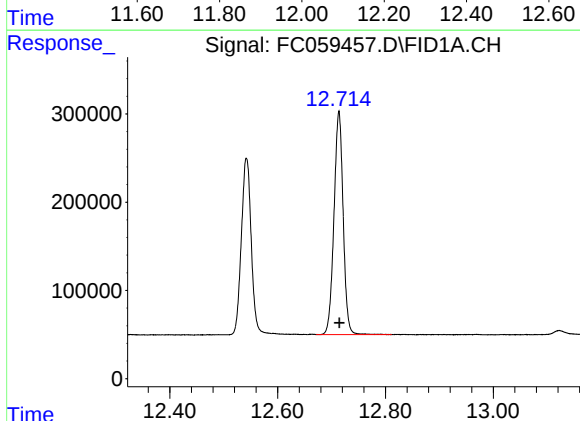
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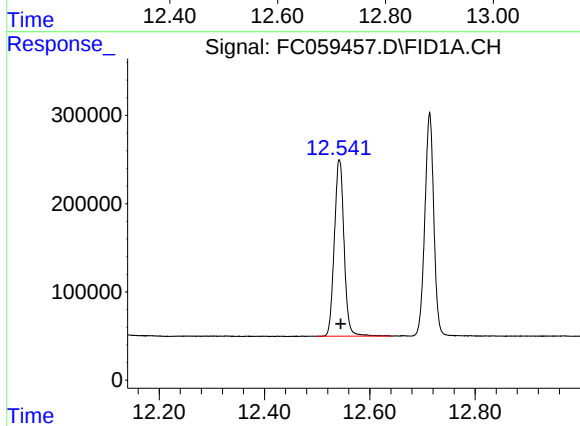
#10 n-Eicosane (C20)

R.T.: 12.105 min
Delta R.T.: 0.000 min
Response: 3035453
Conc: 20.24 ug/ml



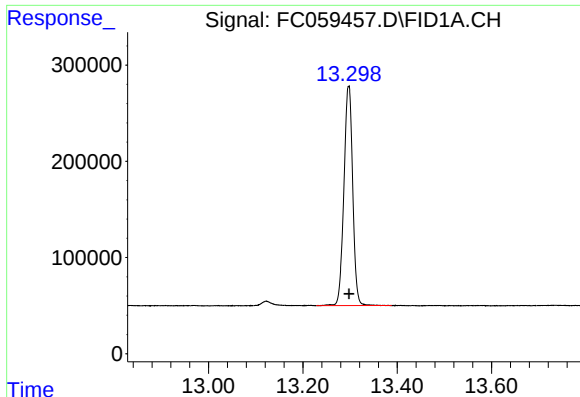
#11 n-Heneicosane (C21)

R.T.: 12.713 min
Delta R.T.: -0.001 min
Response: 2985813
Conc: 19.63 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.542 min
Delta R.T.: -0.002 min
Response: 2559665
Conc: 19.60 ug/ml



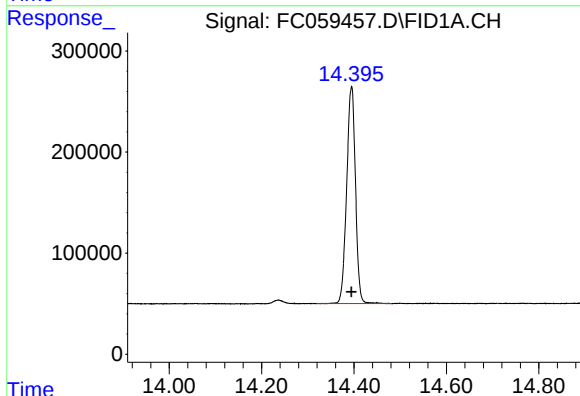
#13 n-Docosane (C22)

R.T.: 13.297 min
Delta R.T.: -0.002 min
Response: 2961526
Conc: 19.33 ug/ml

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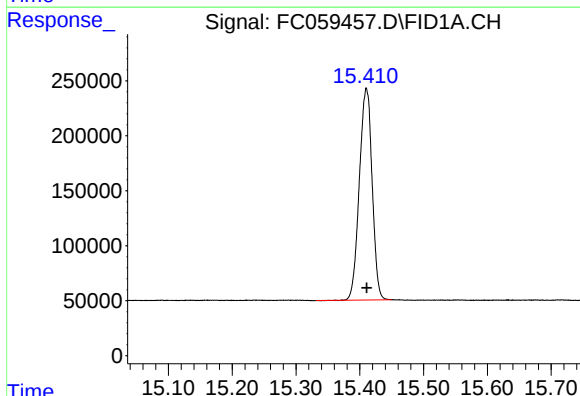
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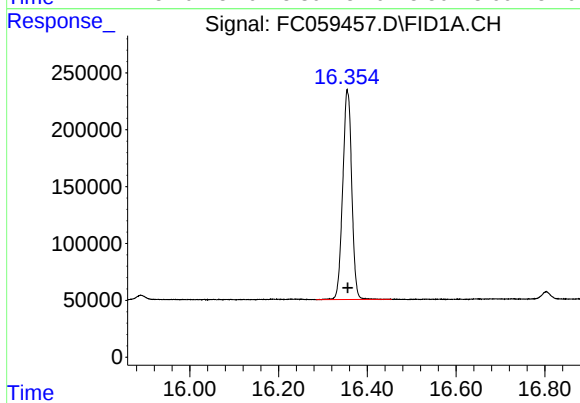
#14 n-Tetracosane (C24)

R.T.: 14.394 min
Delta R.T.: 0.000 min
Response: 2848345
Conc: 18.40 ug/ml



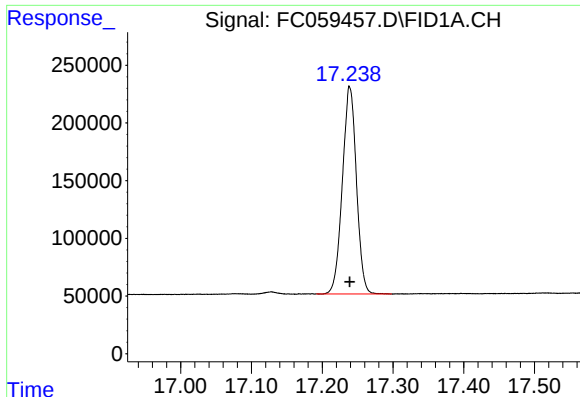
#15 n-Hexacosane (C26)

R.T.: 15.410 min
Delta R.T.: 0.000 min
Response: 2680648
Conc: 17.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.355 min
Delta R.T.: 0.000 min
Response: 2597854
Conc: 16.78 ug/ml



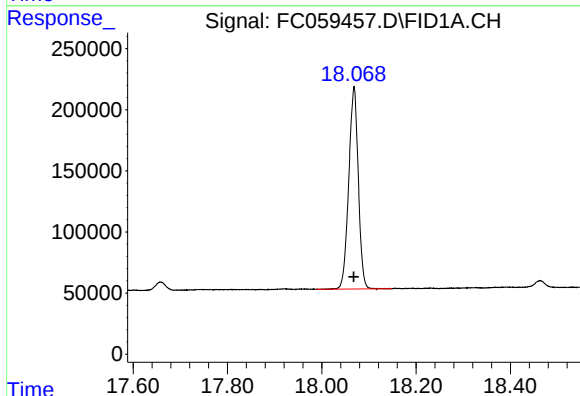
#17 n-Tricontane (C30)

R.T.: 17.239 min
Delta R.T.: 0.000 min
Response: 2481088
Conc: 16.33 ug/ml

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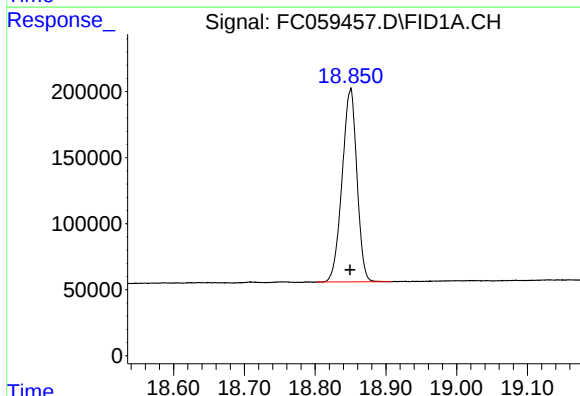
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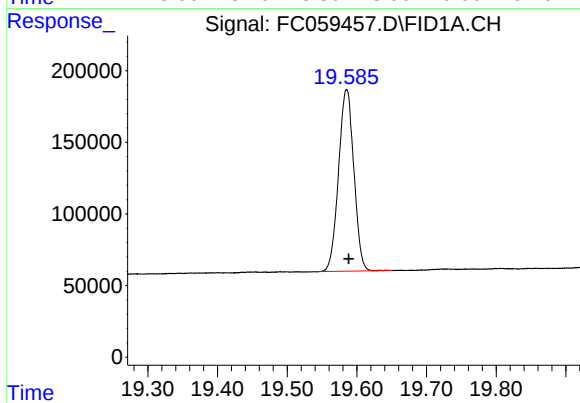
#18 n-Dotriacontane (C32)

R.T.: 18.068 min
Delta R.T.: 0.000 min
Response: 2322764
Conc: 16.49 ug/ml



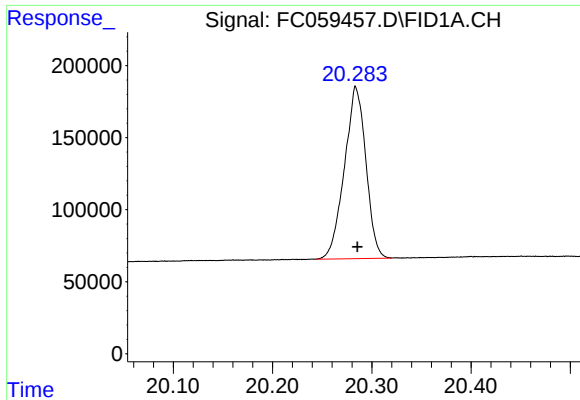
#19 n-Tetratriacontane (C34)

R.T.: 18.849 min
Delta R.T.: 0.000 min
Response: 2125848
Conc: 16.82 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.585 min
Delta R.T.: -0.003 min
Response: 1935246
Conc: 17.69 ug/ml



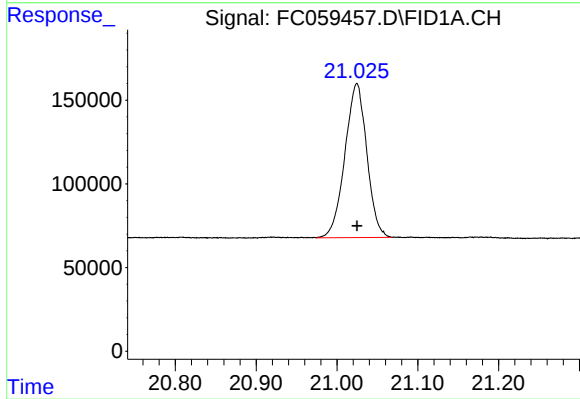
#21 n-Octatriacontane (C38)

R.T.: 20.283 min
Delta R.T.: -0.002 min
Response: 1794959
Conc: 19.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.025 min
Delta R.T.: 0.000 min
Response: 1731819
Conc: 20.73 ug/ml m