

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041322AL\
 Data File : FC059194.D
 Signal(s) : FID1A.CH
 Acq On : 13 Apr 2022 13:24
 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 04/14/2022
 Supervised By :mohammad ahmed 04/18/2022

Integration File: autoint1.e
 Quant Time: Apr 14 03:05:43 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)	11.101	2849955	19.780 ug/ml
Spiked Amount 50.000		Recovery =	39.56%
12) S 1-chlorooctadecane (S...	12.549	2209399	19.710 ug/ml
Spiked Amount 50.000		Recovery =	39.42%
Target Compounds			
1) T n-Nonane (C9)	2.964	2625207	21.422 ug/ml
2) T n-Decane (C10)	4.005	2612273	21.317 ug/ml
3) T A~Naphthalene (C11.7)	5.552	2680013	21.345 ug/ml
4) T n-Dodecane (C12)	6.002	2712241	21.235 ug/ml
5) T A~2-methylnaphthalene...	6.600	2664360	20.783 ug/ml
6) T n-Tetradecane (C14)	7.784	2708885	20.834 ug/ml
7) T n-Hexadecane (C16)	9.375	2684132	20.213 ug/ml
8) T n-Octadecane (C18)	10.809	2670719	20.087 ug/ml
10) T n-Eicosane (C20)	12.112	2597421	19.824 ug/ml
11) T n-Heneicosane (C21)	12.720	2587957	19.834 ug/ml
13) T n-Docosane (C22)	13.304	2563600	19.789 ug/ml
14) T n-Tetracosane (C24)	14.401	2492881	19.734 ug/ml
15) T n-Hexacosane (C26)	15.417	2420097	20.035 ug/ml
16) T n-Octacosane (C28)	16.363	2415609	20.400 ug/ml
17) T n-Tricontane (C30)	17.246	2403275	21.067 ug/ml
18) T n-Dotriacontane (C32)	18.076	2329055	21.740 ug/mlm
19) T n-Tetratriacontane (C34)	18.858	2220971	21.982 ug/mlm
20) T n-Hexatriacontane (C36)	19.594	2080982	21.779 ug/ml
21) T n-Octatriacontane (C38)	20.291	1967795	21.385 ug/ml
22) T n-Tetracontane (C40)	21.035	1995305	21.469 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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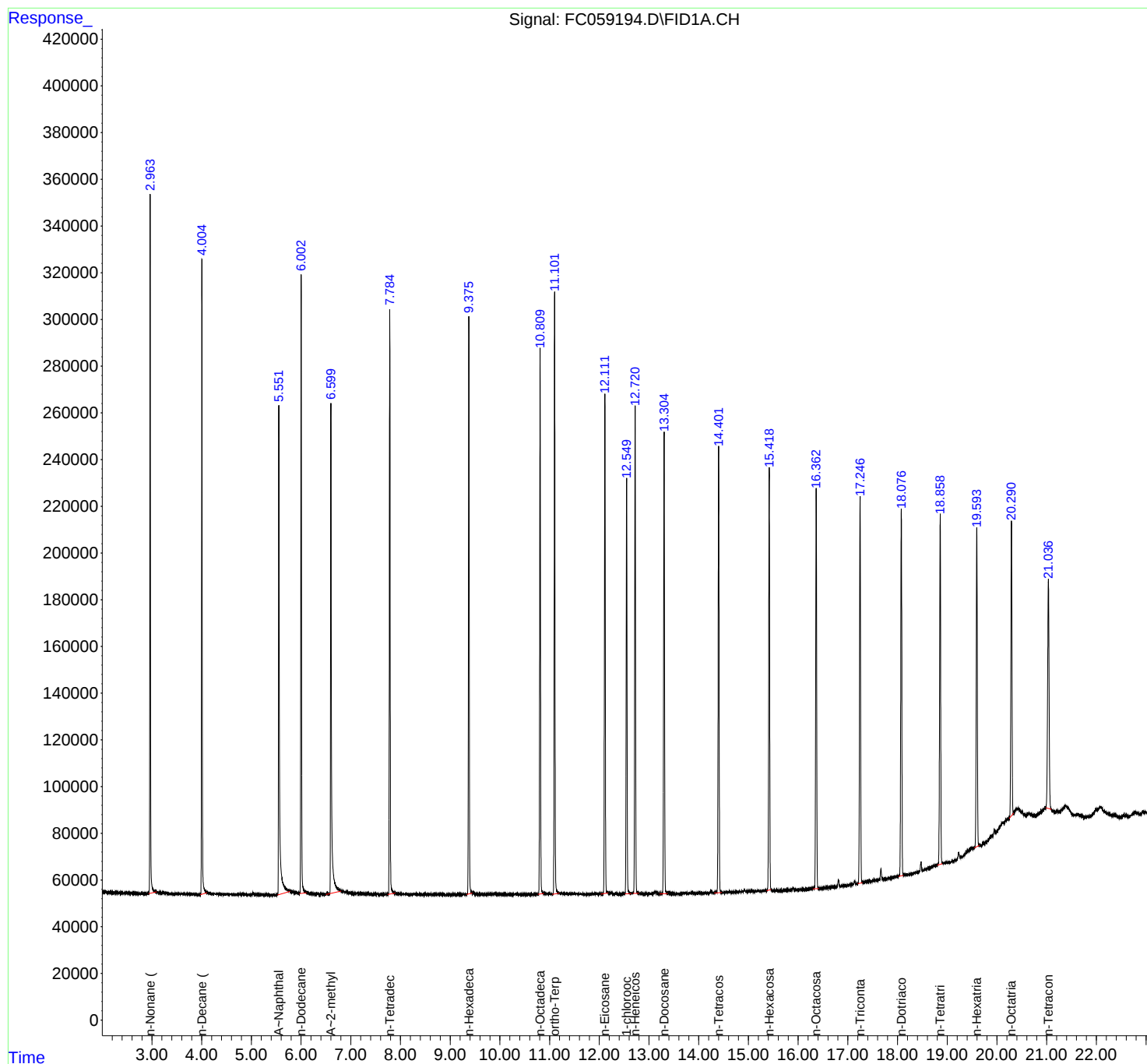
Instrument :
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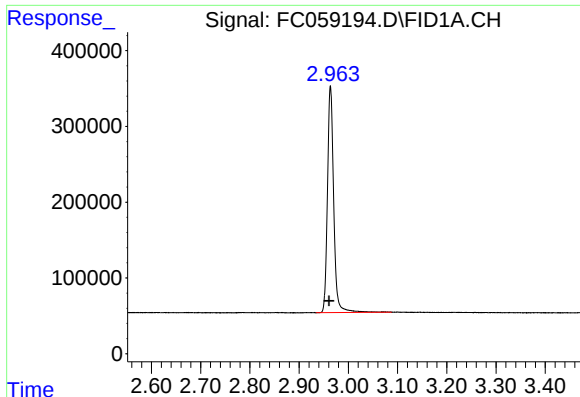
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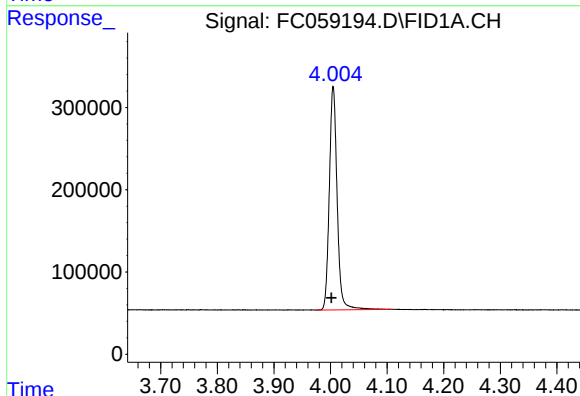
#1 n-Nonane (C9)

R.T.: 2.964 min
Delta R.T.: 0.003 min
Response: 2625207
Conc: 21.42 ug/ml

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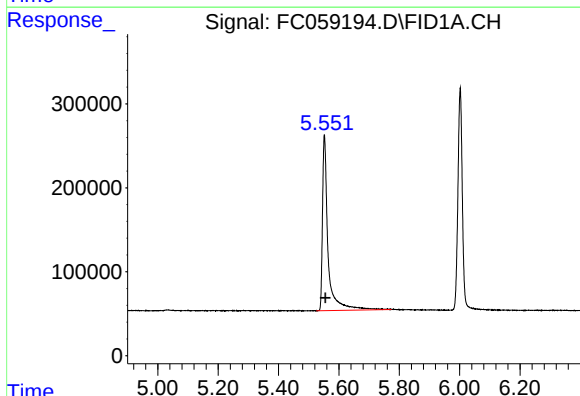
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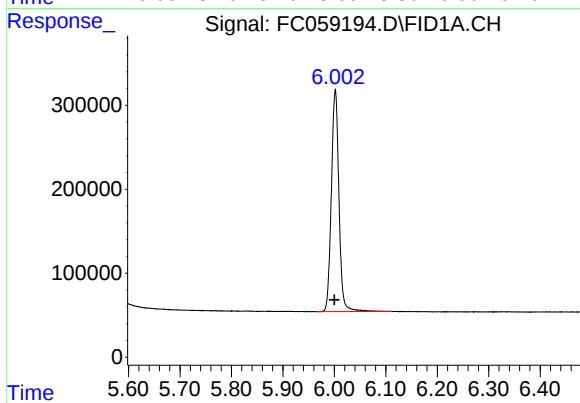
#2 n-Decane (C10)

R.T.: 4.005 min
Delta R.T.: 0.003 min
Response: 2612273
Conc: 21.32 ug/ml



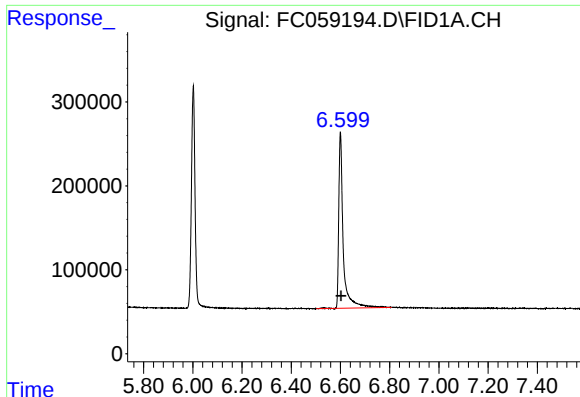
#3 A~Naphthalene (C11.7)

R.T.: 5.552 min
Delta R.T.: -0.003 min
Response: 2680013
Conc: 21.35 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.002 min
Delta R.T.: 0.002 min
Response: 2712241
Conc: 21.23 ug/ml



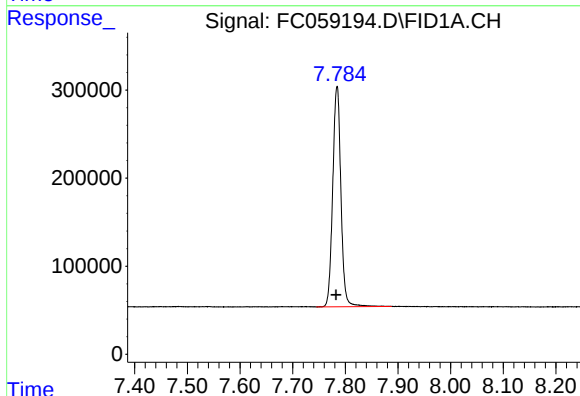
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.600 min
Delta R.T.: -0.003 min
Response: 2664360
Conc: 20.78 ug/ml

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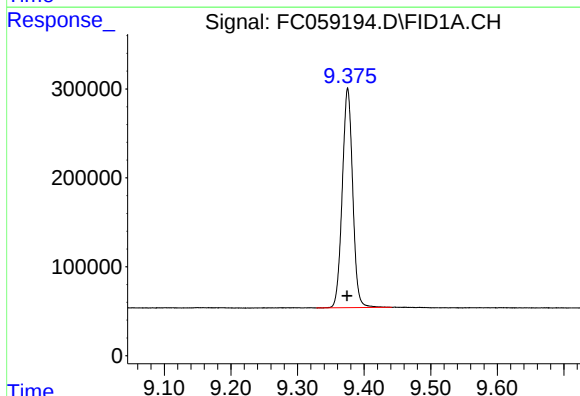
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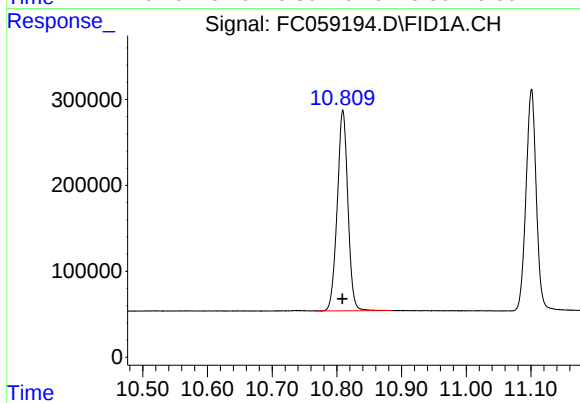
#6 n-Tetradecane (C14)

R.T.: 7.784 min
Delta R.T.: 0.002 min
Response: 2708885
Conc: 20.83 ug/ml



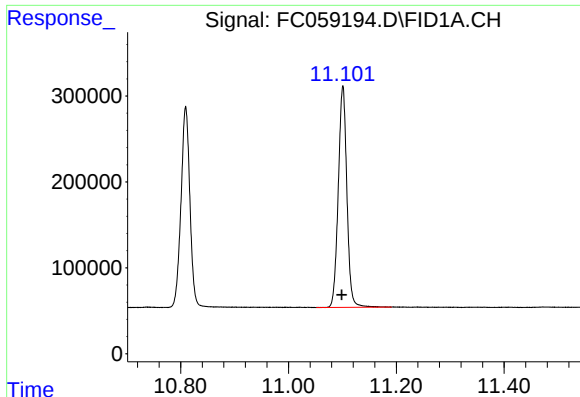
#7 n-Hexadecane (C16)

R.T.: 9.375 min
Delta R.T.: 0.000 min
Response: 2684132
Conc: 20.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.809 min
Delta R.T.: 0.000 min
Response: 2670719
Conc: 20.09 ug/ml



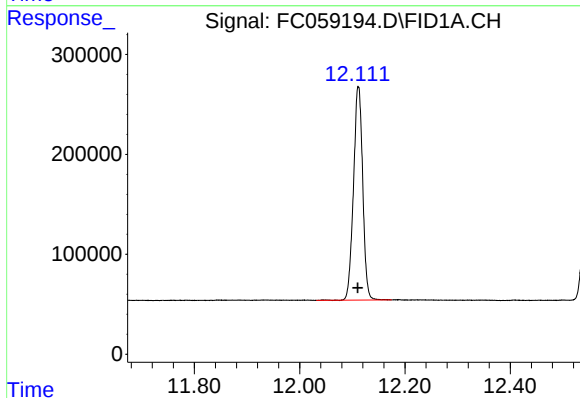
#9 ortho-Terphenyl (SURR)

R.T.: 11.101 min
Delta R.T.: 0.002 min
Response: 2849955
Conc: 19.78 ug/ml

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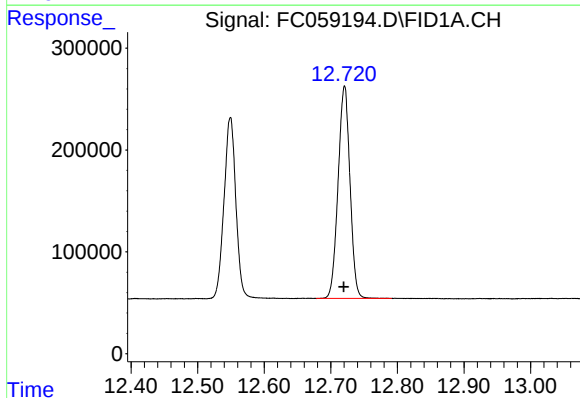
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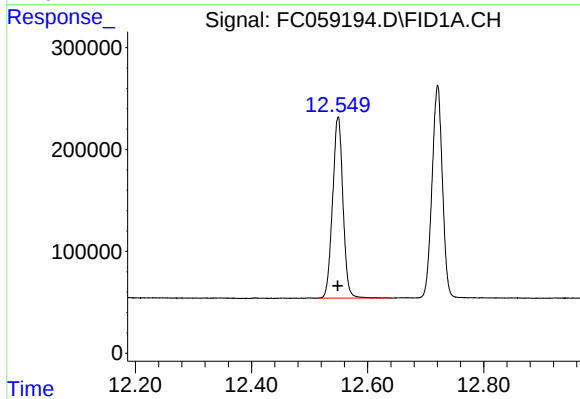
#10 n-Eicosane (C20)

R.T.: 12.112 min
Delta R.T.: 0.000 min
Response: 2597421
Conc: 19.82 ug/ml



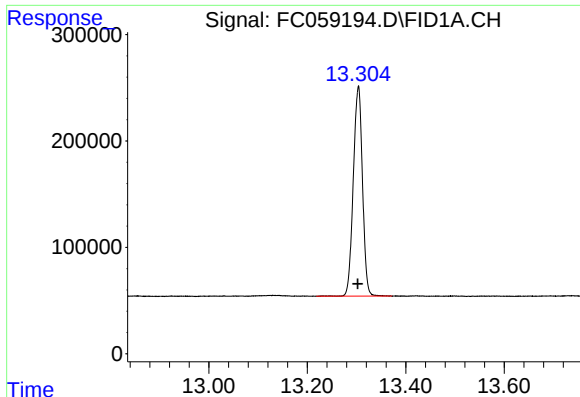
#11 n-Heneicosane (C21)

R.T.: 12.720 min
Delta R.T.: 0.000 min
Response: 2587957
Conc: 19.83 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.549 min
Delta R.T.: 0.000 min
Response: 2209399
Conc: 19.71 ug/ml



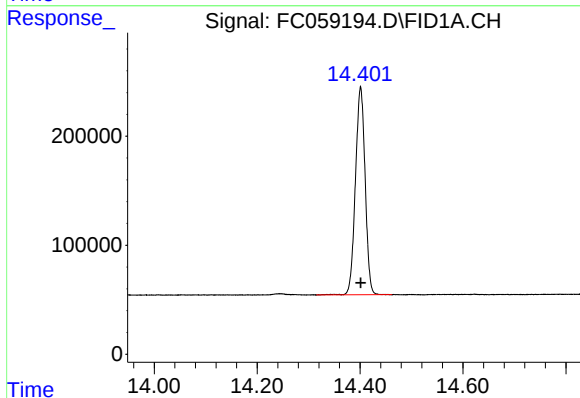
#13 n-Docosane (C22)

R.T.: 13.304 min
Delta R.T.: 0.001 min
Response: 2563600
Conc: 19.79 ug/ml

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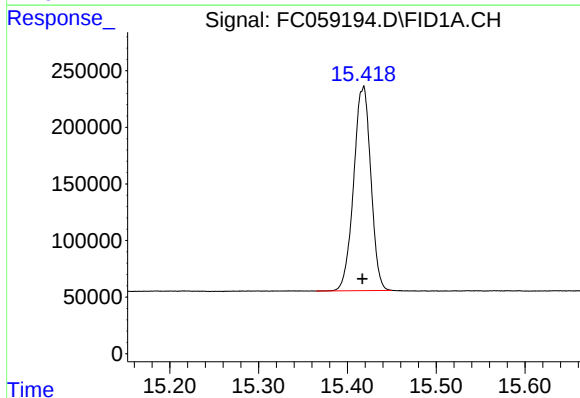
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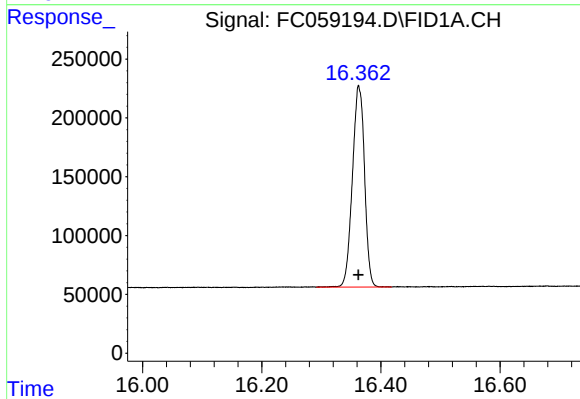
#14 n-Tetracosane (C24)

R.T.: 14.401 min
Delta R.T.: 0.000 min
Response: 2492881
Conc: 19.73 ug/ml



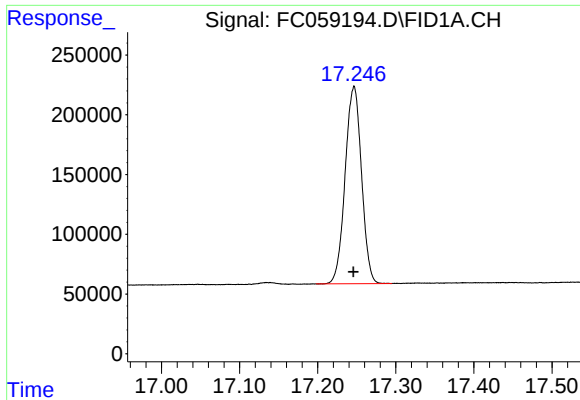
#15 n-Hexacosane (C26)

R.T.: 15.417 min
Delta R.T.: 0.000 min
Response: 2420097
Conc: 20.04 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.363 min
Delta R.T.: 0.000 min
Response: 2415609
Conc: 20.40 ug/ml



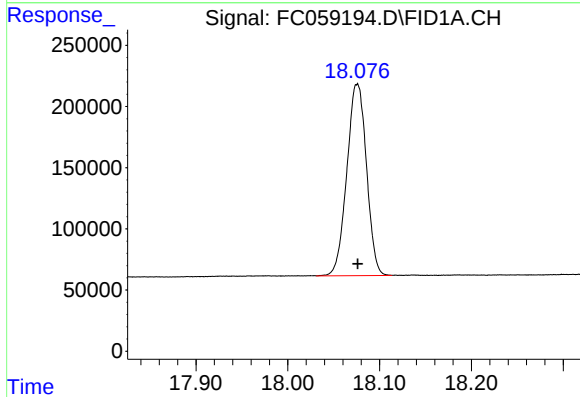
#17 n-Tricontane (C30)

R.T.: 17.246 min
Delta R.T.: 0.000 min
Response: 2403275
Conc: 21.07 ug/ml

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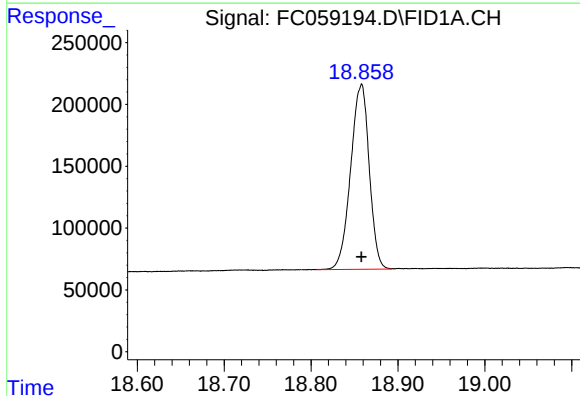
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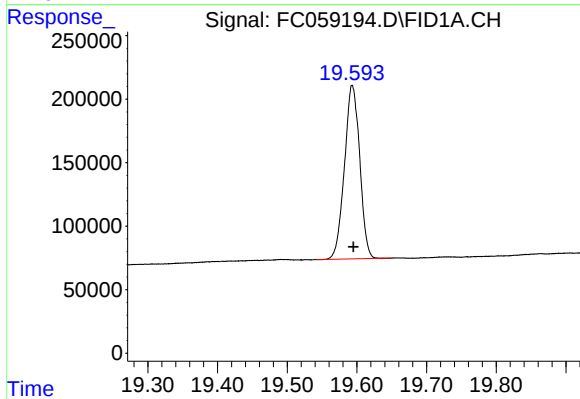
#18 n-Dotriacontane (C32)

R.T.: 18.076 min
Delta R.T.: 0.000 min
Response: 2329055
Conc: 21.74 ug/ml m



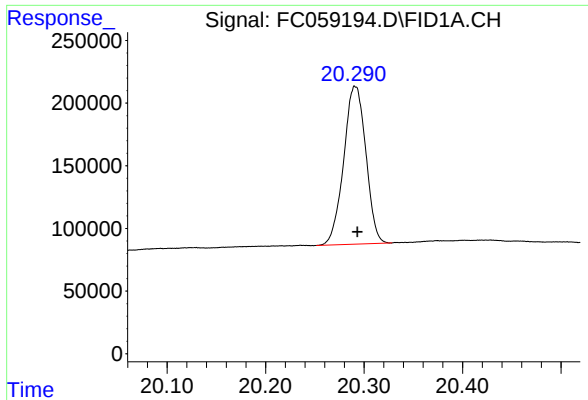
#19 n-Tetratriacontane (C34)

R.T.: 18.858 min
Delta R.T.: 0.000 min
Response: 2220971
Conc: 21.98 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.594 min
Delta R.T.: -0.001 min
Response: 2080982
Conc: 21.78 ug/ml



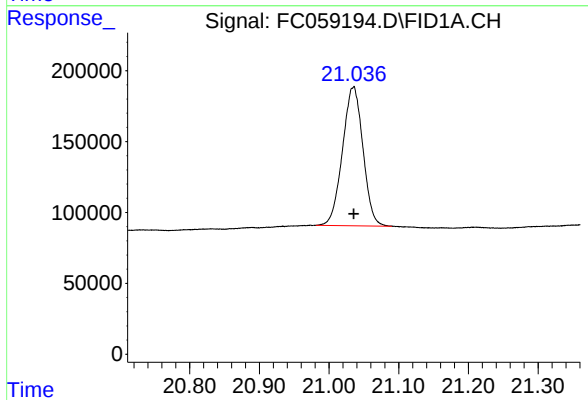
#21 n-Octatriacontane (C38)

R.T.: 20.291 min
Delta R.T.: -0.002 min
Response: 1967795
Conc: 21.38 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.035 min
Delta R.T.: -0.001 min
Response: 1995305
Conc: 21.47 ug/ml