

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041322AL\
 Data File : FC059233.D
 Signal(s) : FID1A.CH
 Acq On : 14 Apr 2022 17:01
 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 04/15/2022
 Supervised By :mohammad ahmed 04/18/2022

Integration File: autoint1.e
 Quant Time: Apr 15 02:28:00 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)	11.102	2897427	20.110 ug/ml
Spiked Amount 50.000		Recovery =	40.22%
12) S 1-chlorooctadecane (S...	12.550	2254101	20.109 ug/ml
Spiked Amount 50.000		Recovery =	40.22%
Target Compounds			
1) T n-Nonane (C9)	2.964	2693994	21.984 ug/ml
2) T n-Decane (C10)	4.005	2664044	21.739 ug/ml
3) T A~Naphthalene (C11.7)	5.554	2691902	21.440 ug/ml
4) T n-Dodecane (C12)	6.003	2764637	21.645 ug/ml
5) T A~2-methylnaphthalene...	6.602	2708167	21.125 ug/ml
6) T n-Tetradecane (C14)	7.785	2767817	21.287 ug/ml
7) T n-Hexadecane (C16)	9.376	2746496	20.683 ug/ml
8) T n-Octadecane (C18)	10.810	2720376	20.461 ug/ml
10) T n-Eicosane (C20)	12.113	2638807	20.140 ug/ml
11) T n-Heneicosane (C21)	12.721	2620275	20.082 ug/ml
13) T n-Docosane (C22)	13.304	2595880	20.039 ug/ml
14) T n-Tetracosane (C24)	14.402	2539496	20.103 ug/ml
15) T n-Hexacosane (C26)	15.419	2474784	20.488 ug/ml
16) T n-Octacosane (C28)	16.364	2484066	20.978 ug/ml
17) T n-Tricontane (C30)	17.248	2505079	21.960 ug/ml
18) T n-Dotriacontane (C32)	18.076	2427675	22.661 ug/mlm
19) T n-Tetratriacontane (C34)	18.858	2290698	22.672 ug/mlm
20) T n-Hexatriacontane (C36)	19.595	2139498	22.392 ug/ml
21) T n-Octatriacontane (C38)	20.293	2015888	21.907 ug/ml
22) T n-Tetracontane (C40)	21.036	2059392	22.159 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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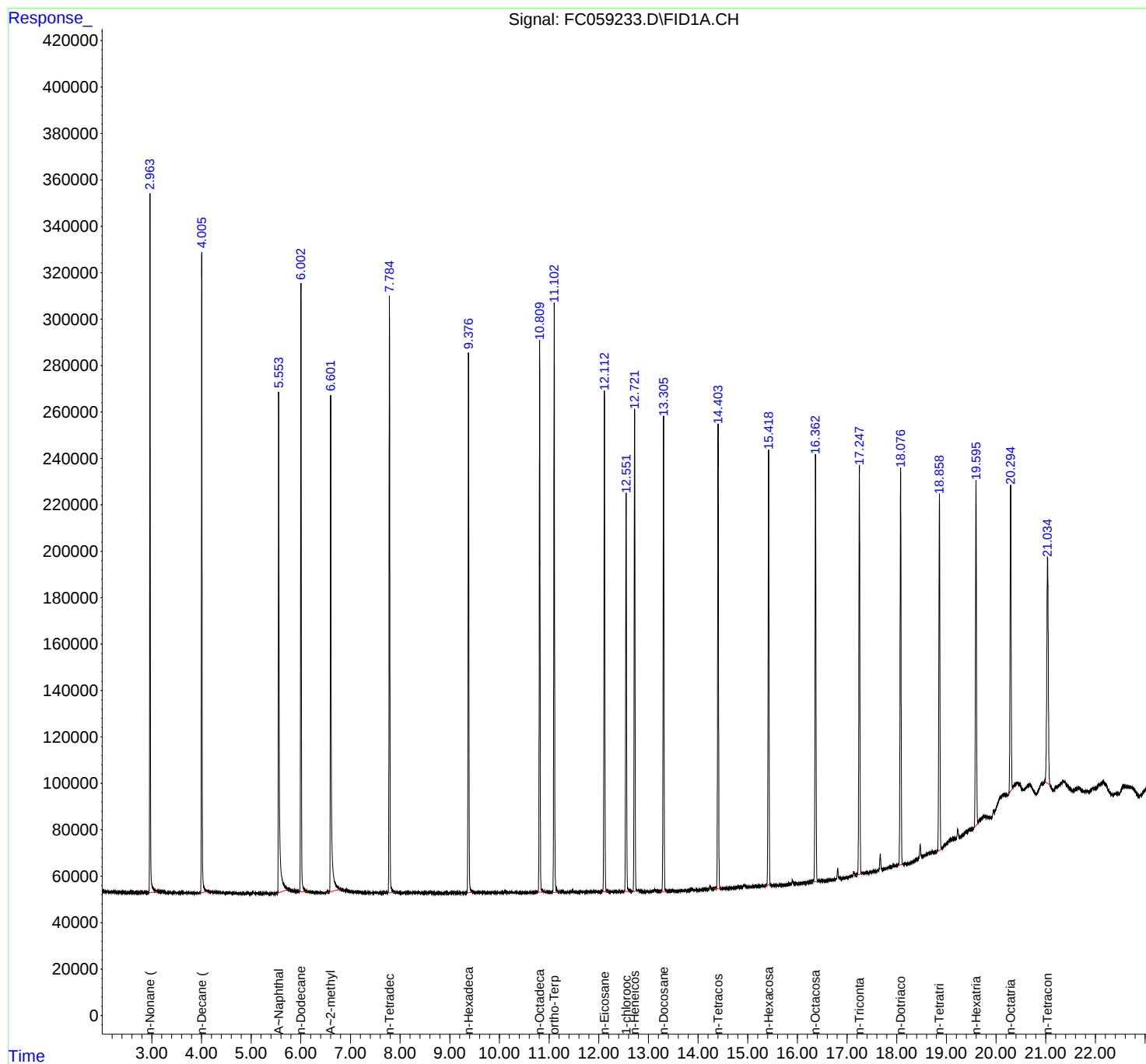
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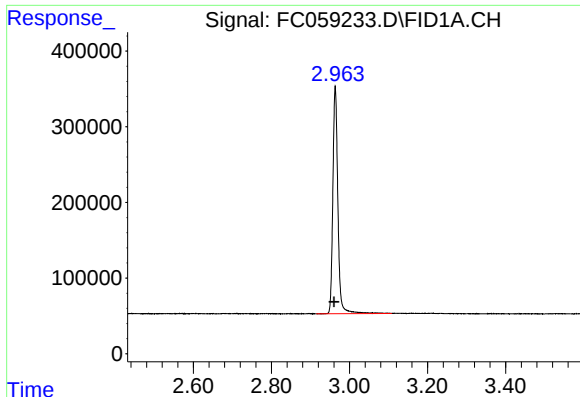
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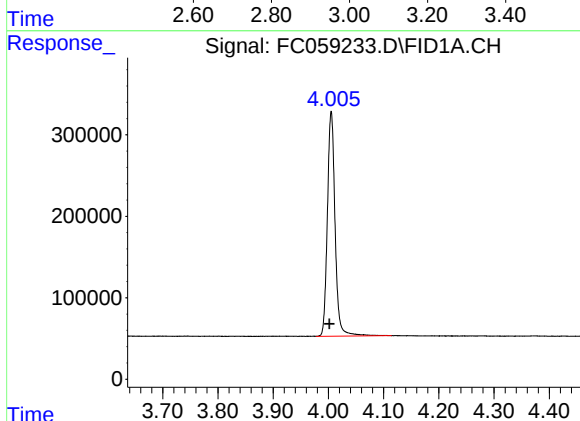
#1 n-Nonane (C9)

R.T.: 2.964 min
Delta R.T.: 0.003 min
Response: 2693994
Conc: 21.98 ug/ml

Instrument :
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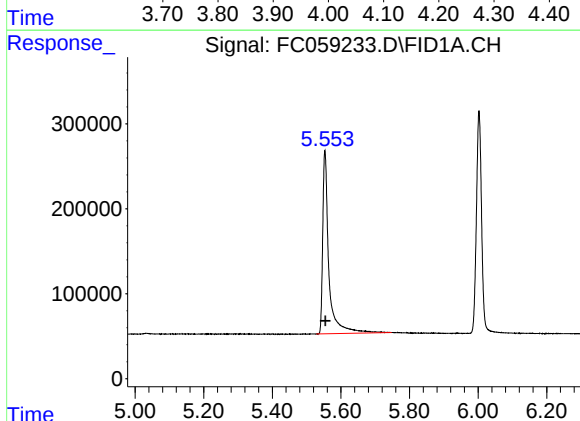
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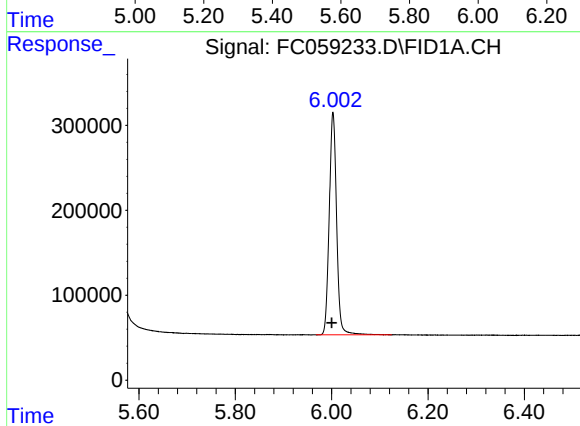
#2 n-Decane (C10)

R.T.: 4.005 min
Delta R.T.: 0.003 min
Response: 2664044
Conc: 21.74 ug/ml



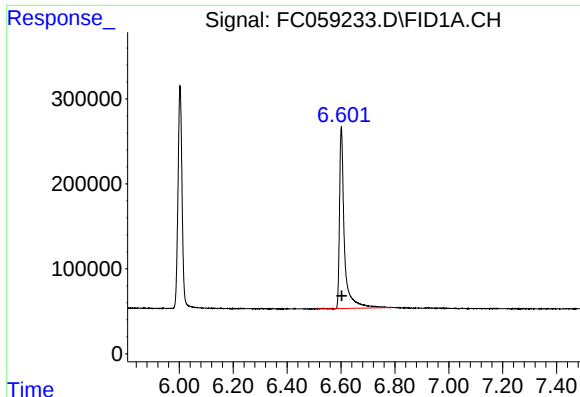
#3 A~Naphthalene (C11.7)

R.T.: 5.554 min
Delta R.T.: -0.001 min
Response: 2691902
Conc: 21.44 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.003 min
Delta R.T.: 0.003 min
Response: 2764637
Conc: 21.64 ug/ml



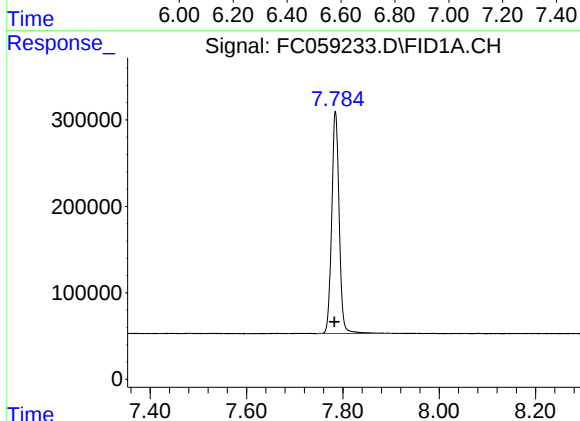
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.602 min
Delta R.T.: -0.001 min
Response: 2708167
Conc: 21.12 ug/ml

Instrument :
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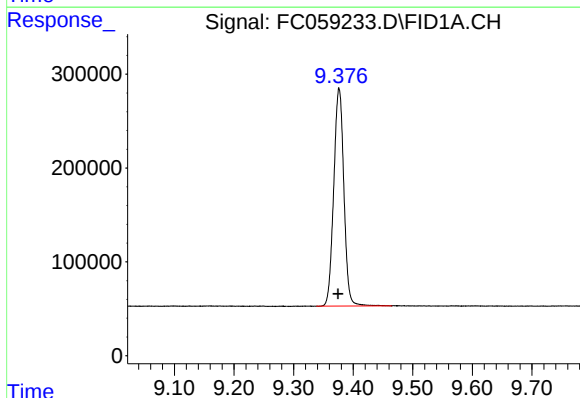
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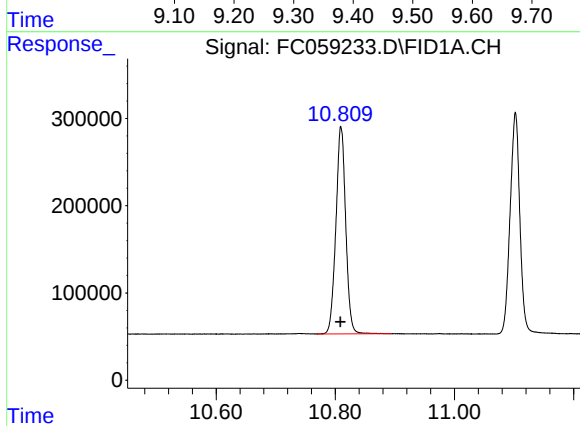
#6 n-Tetradecane (C14)

R.T.: 7.785 min
Delta R.T.: 0.002 min
Response: 2767817
Conc: 21.29 ug/ml



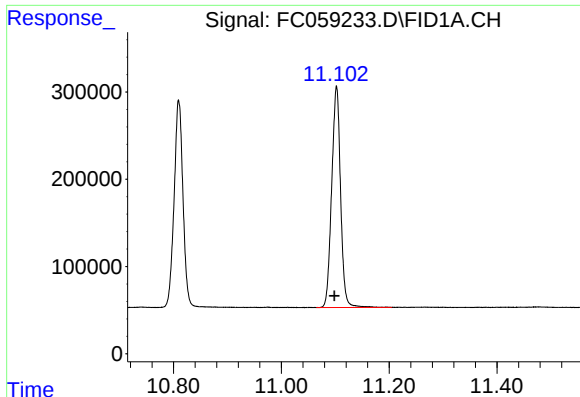
#7 n-Hexadecane (C16)

R.T.: 9.376 min
Delta R.T.: 0.002 min
Response: 2746496
Conc: 20.68 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.810 min
Delta R.T.: 0.001 min
Response: 2720376
Conc: 20.46 ug/ml



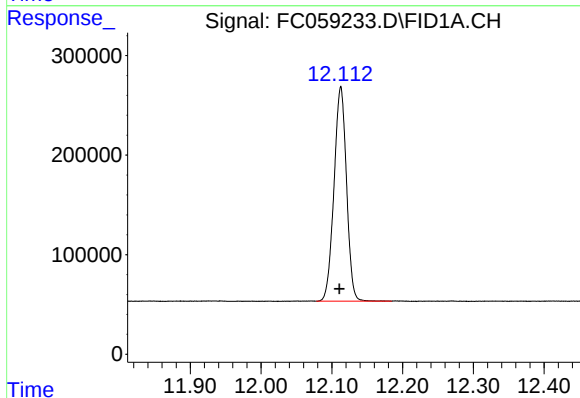
#9 ortho-Terphenyl (SURR)

R.T.: 11.102 min
Delta R.T.: 0.003 min
Response: 2897427
Conc: 20.11 ug/ml

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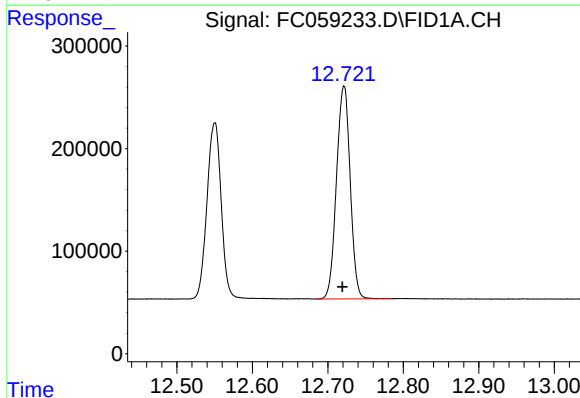
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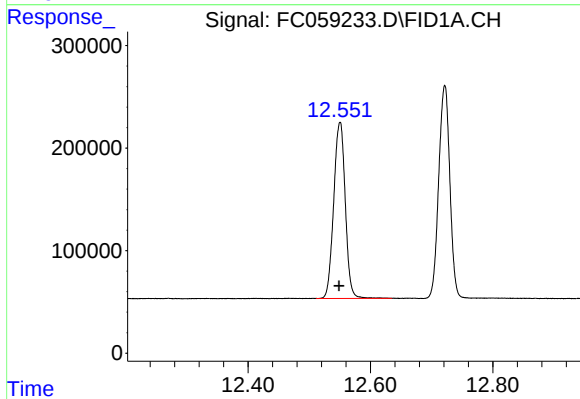
#10 n-Eicosane (C20)

R.T.: 12.113 min
Delta R.T.: 0.002 min
Response: 2638807
Conc: 20.14 ug/ml



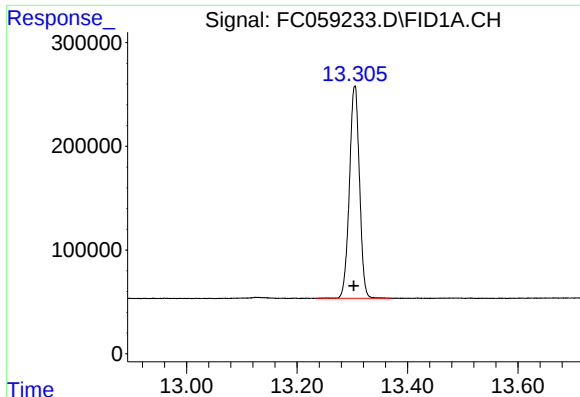
#11 n-Heneicosane (C21)

R.T.: 12.721 min
Delta R.T.: 0.002 min
Response: 2620275
Conc: 20.08 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.550 min
Delta R.T.: 0.001 min
Response: 2254101
Conc: 20.11 ug/ml



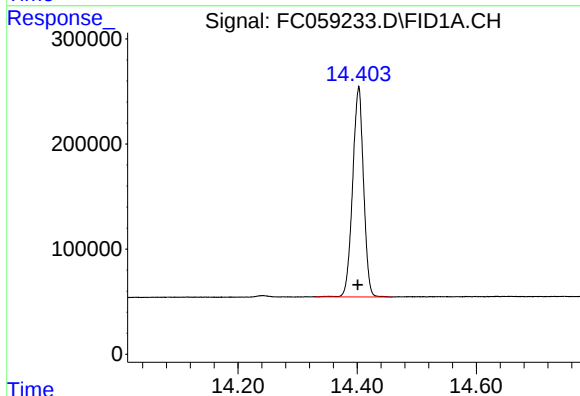
#13 n-Docosane (C22)

R.T.: 13.304 min
Delta R.T.: 0.002 min
Response: 2595880
Conc: 20.04 ug/ml

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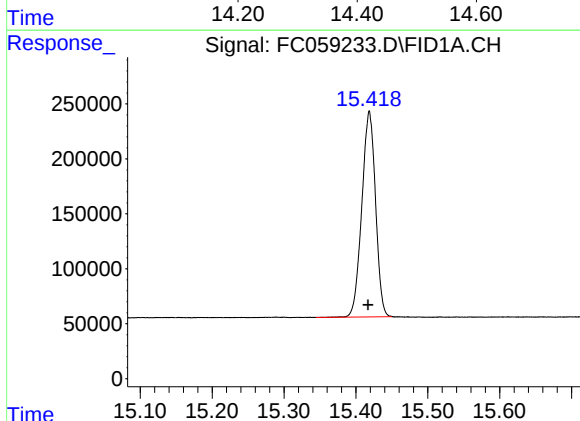
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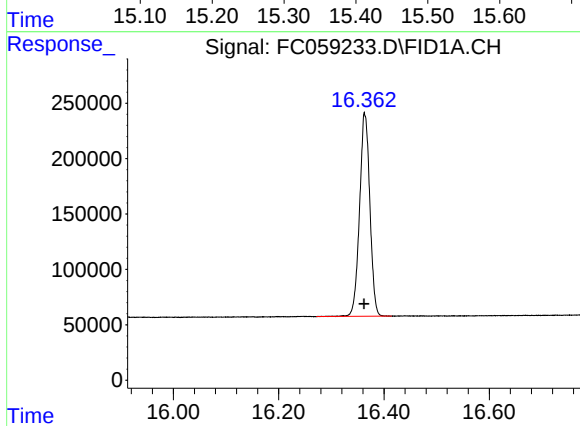
#14 n-Tetracosane (C24)

R.T.: 14.402 min
Delta R.T.: 0.001 min
Response: 2539496
Conc: 20.10 ug/ml



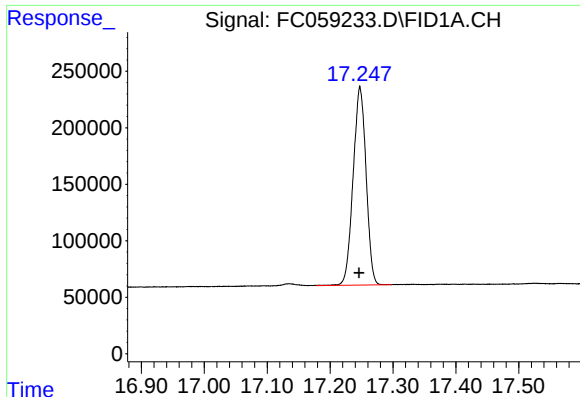
#15 n-Hexacosane (C26)

R.T.: 15.419 min
Delta R.T.: 0.001 min
Response: 2474784
Conc: 20.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.364 min
Delta R.T.: 0.001 min
Response: 2484066
Conc: 20.98 ug/ml



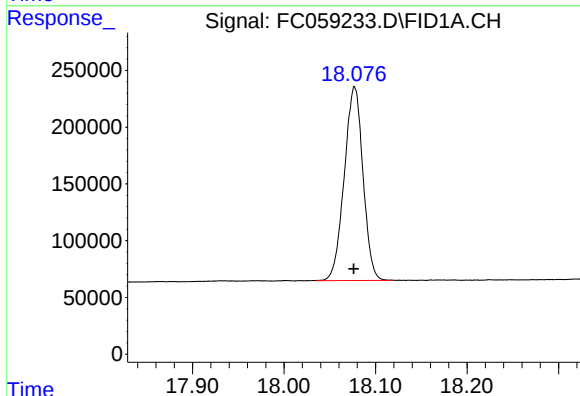
#17 n-Tricontane (C30)

R.T.: 17.248 min
Delta R.T.: 0.002 min
Response: 2505079
Conc: 21.96 ug/ml

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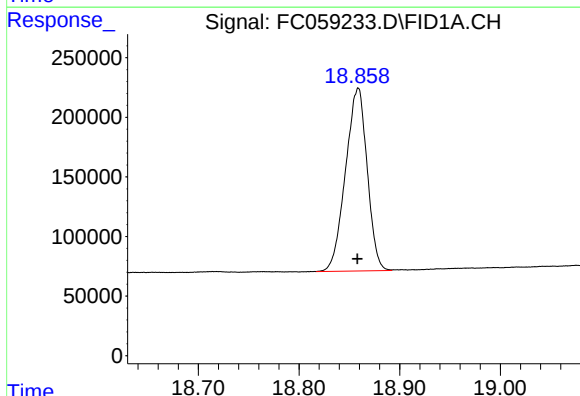
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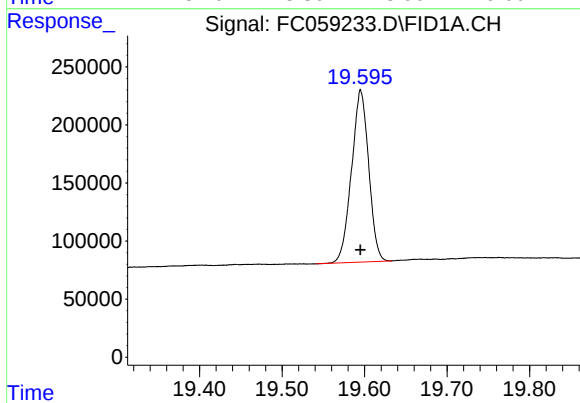
#18 n-Dotriacontane (C32)

R.T.: 18.076 min
Delta R.T.: 0.000 min
Response: 2427675
Conc: 22.66 ug/ml m



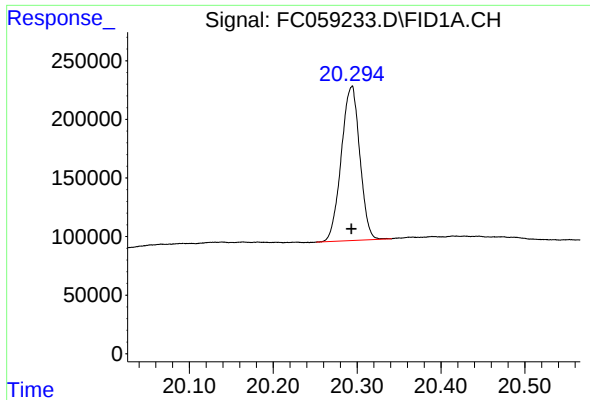
#19 n-Tetratriacontane (C34)

R.T.: 18.858 min
Delta R.T.: 0.000 min
Response: 2290698
Conc: 22.67 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.595 min
Delta R.T.: 0.000 min
Response: 2139498
Conc: 22.39 ug/ml



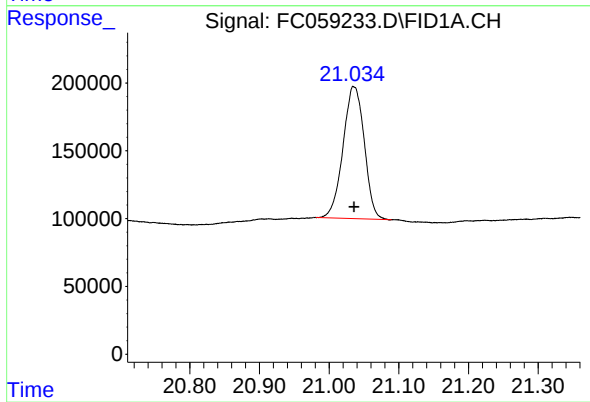
#21 n-Octatriacontane (C38)

R.T.: 20.293 min
Delta R.T.: 0.000 min
Response: 2015888
Conc: 21.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.036 min
Delta R.T.: 0.000 min
Response: 2059392
Conc: 22.16 ug/ml