

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040622AL\
 Data File : FC059088.D
 Signal(s) : FID1A.CH
 Acq On : 06 Apr 2022 19:25
 Operator : UA/NP
 Sample : PB143928BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB143928BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/07/2022
 Supervised By :mohammad ahmed 04/07/2022

Integration File: sample.E
 Quant Time: Apr 07 01:58:58 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	6009234	41.707 ug/ml
Spiked Amount 50.000		Recovery =	83.41%
12) S 1-chlorooctadecane (S...	12.550	4924546	43.932 ug/ml
Spiked Amount 50.000		Recovery =	87.86%
Target Compounds			
1) T n-Nonane (C9)	2.985	6076552	49.586 ug/ml
2) T n-Decane (C10)	4.016	6091433	49.708 ug/ml
3) T A~Naphthalene (C11.7)	5.555	7020296	55.914 ug/ml
4) T n-Dodecane (C12)	6.005	6612613	51.771 ug/ml
5) T A~2-methylnaphthalene...	6.601	6693834	52.215 ug/ml
6) T n-Tetradecane (C14)	7.788	6656156	51.193 ug/ml
7) T n-Hexadecane (C16)	9.378	6639486	49.999 ug/ml
8) T n-Octadecane (C18)	10.812	6786750	51.045 ug/ml
10) T n-Eicosane (C20)	12.117	6861426	52.368 ug/mlm
11) T n-Heneicosane (C21)	12.723	6473313	49.612 ug/ml
13) T n-Docosane (C22)	13.306	6376653	49.224 ug/ml
14) T n-Tetracosane (C24)	14.404	6862638	54.326 ug/ml
15) T n-Hexacosane (C26)	15.423	6038945	49.994 ug/ml
16) T n-Octacosane (C28)	16.367	6224802	52.569 ug/ml
17) T n-Tricontane (C30)	17.254	5912027	51.825 ug/mlm
18) T n-Dotriacontane (C32)	18.080	5577434	52.062 ug/ml
19) T n-Tetratriacontane (C34)	18.860	4551161	45.045 ug/ml
20) T n-Hexatriacontane (C36)	19.596	3261959	34.139 ug/ml
21) T n-Octatriacontane (C38)	20.293	2273039	24.702 ug/ml
22) T n-Tetracontane (C40)	21.035	1721710	18.525 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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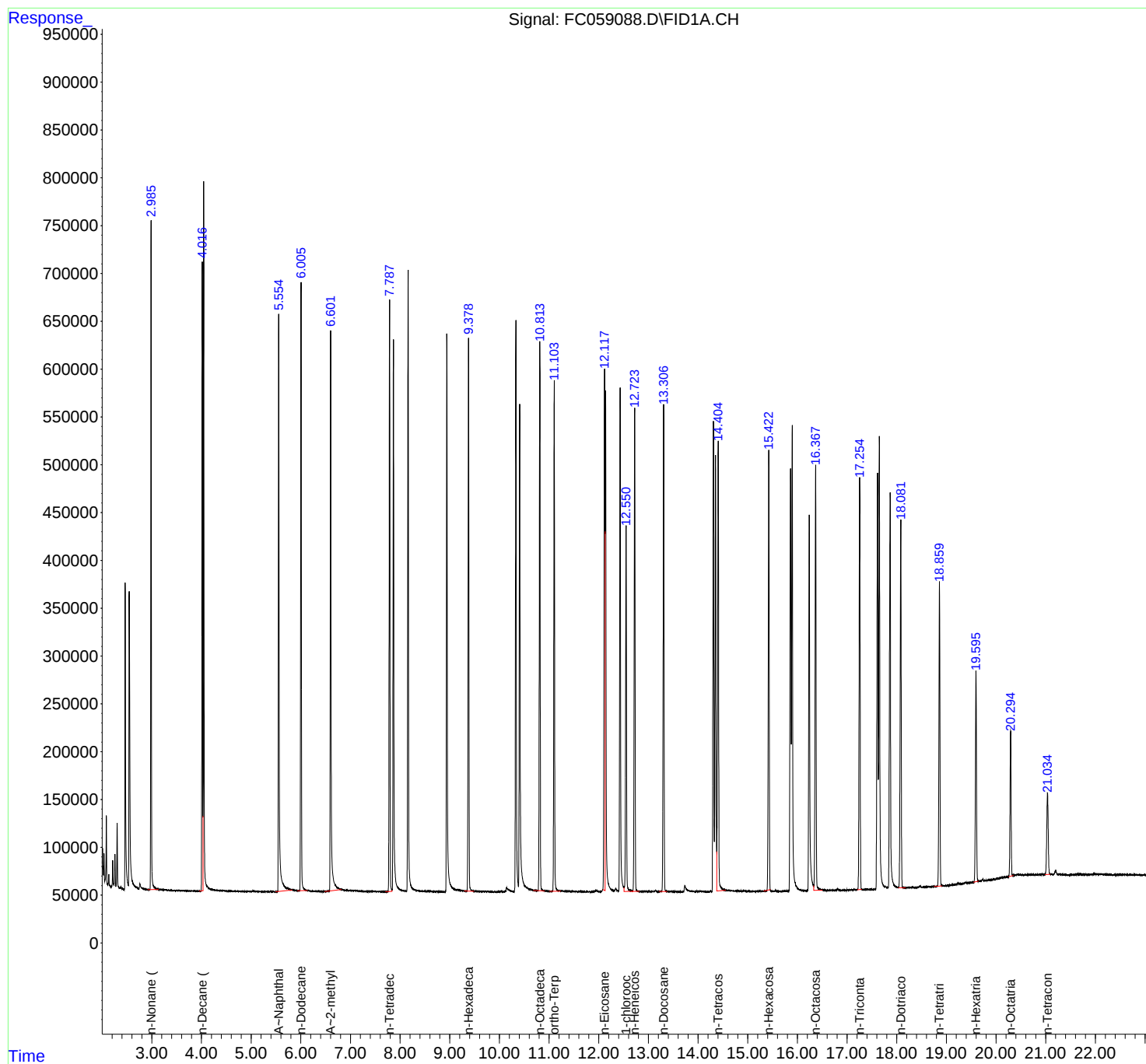
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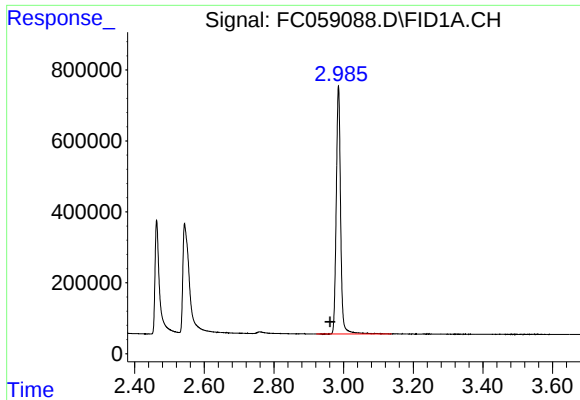
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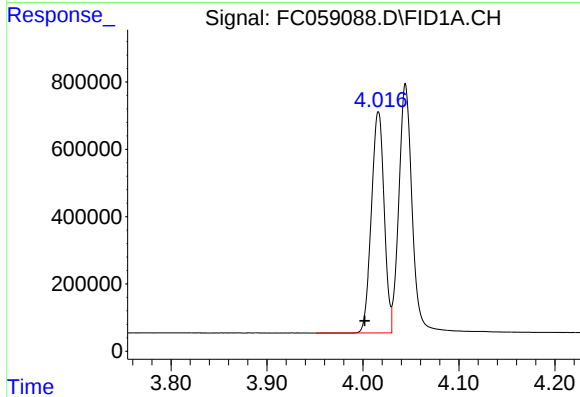
#1 n-Nonane (C9)

R.T.: 2.985 min
Delta R.T.: 0.024 min
Response: 6076552
Conc: 49.59 ug/ml

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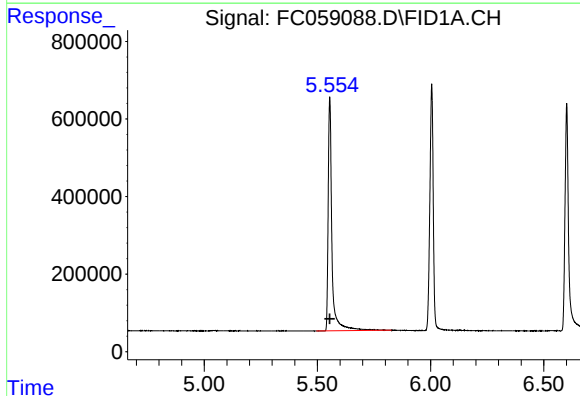
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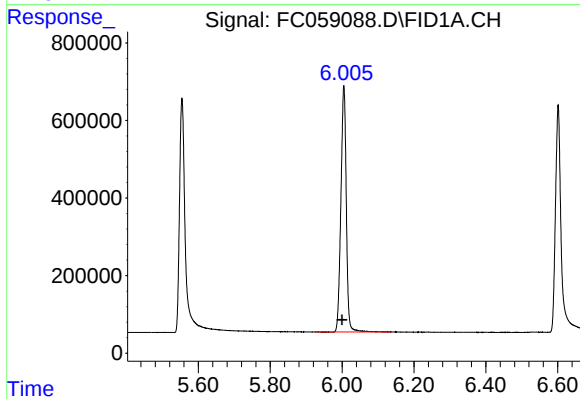
#2 n-Decane (C10)

R.T.: 4.016 min
Delta R.T.: 0.014 min
Response: 6091433
Conc: 49.71 ug/ml



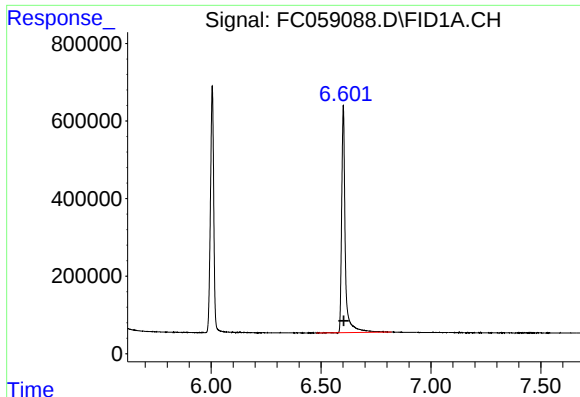
#3 A~Naphthalene (C11.7)

R.T.: 5.555 min
Delta R.T.: 0.000 min
Response: 7020296
Conc: 55.91 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.005 min
Delta R.T.: 0.005 min
Response: 6612613
Conc: 51.77 ug/ml



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

R.T.: 6.601 min
Delta R.T.: -0.002 min
Response: 6693834
Conc: 52.21 ug/ml

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FID_C

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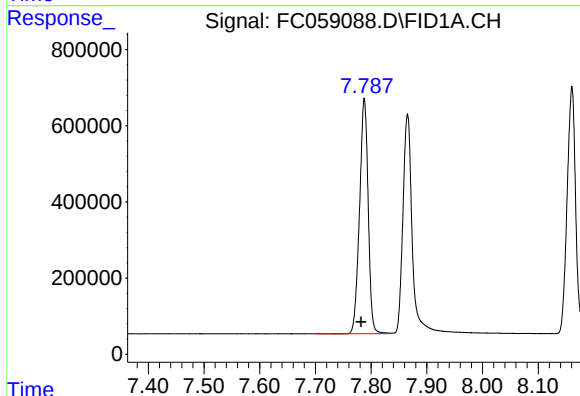
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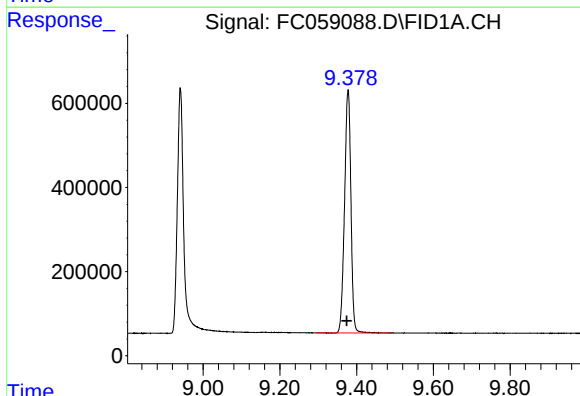
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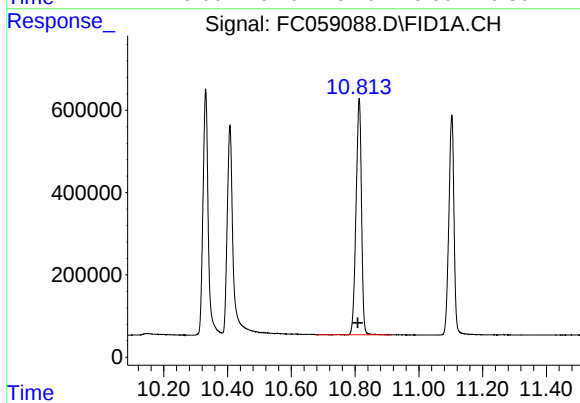
#6 n-Tetradecane (C14)

R.T.: 7.788 min
Delta R.T.: 0.005 min
Response: 6656156
Conc: 51.19 ug/ml



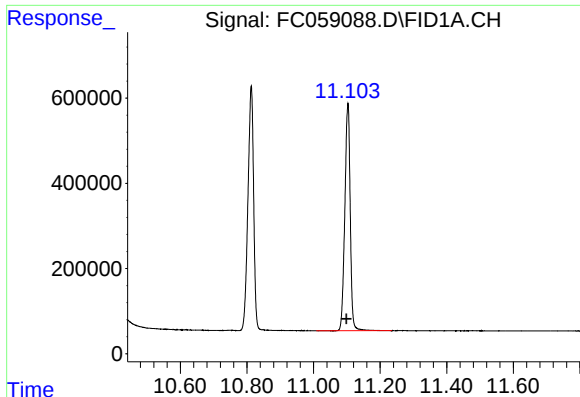
#7 n-Hexadecane (C16)

R.T.: 9.378 min
Delta R.T.: 0.003 min
Response: 6639486
Conc: 50.00 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.812 min
Delta R.T.: 0.003 min
Response: 6786750
Conc: 51.05 ug/ml



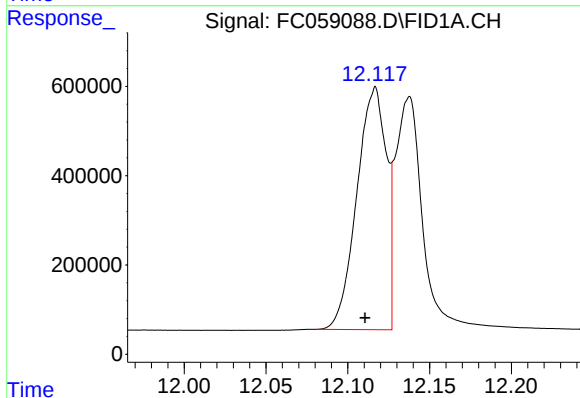
#9 ortho-Terphenyl (SURR)

R.T.: 11.102 min
Delta R.T.: 0.004 min
Response: 6009234
Conc: 41.71 ug/ml

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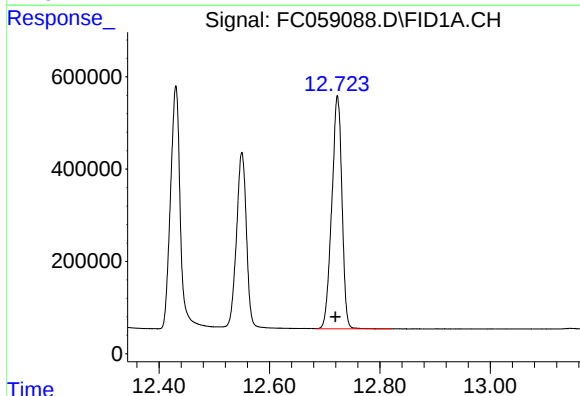
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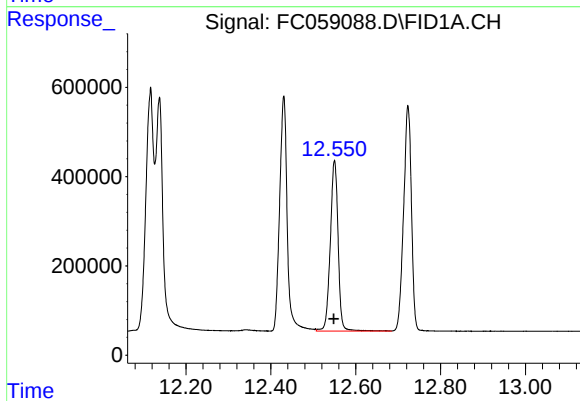
#10 n-Eicosane (C20)

R.T.: 12.117 min
Delta R.T.: 0.006 min
Response: 6861426
Conc: 52.37 ug/ml m



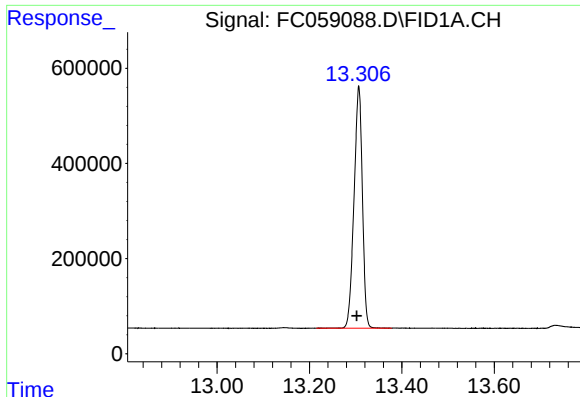
#11 n-Heneicosane (C21)

R.T.: 12.723 min
Delta R.T.: 0.003 min
Response: 6473313
Conc: 49.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.550 min
Delta R.T.: 0.001 min
Response: 4924546
Conc: 43.93 ug/ml



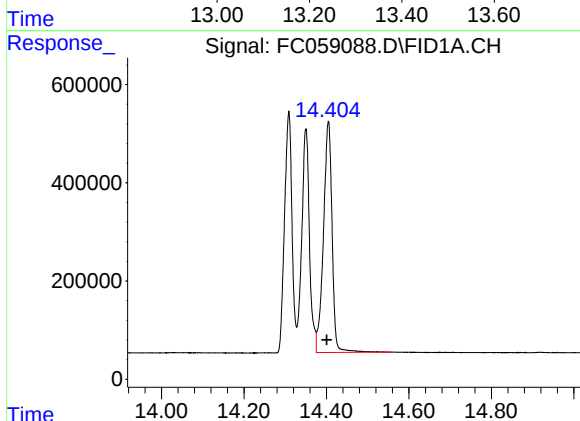
#13 n-Docosane (C22)

R.T.: 13.306 min
Delta R.T.: 0.004 min
Response: 6376653
Conc: 49.22 ug/ml

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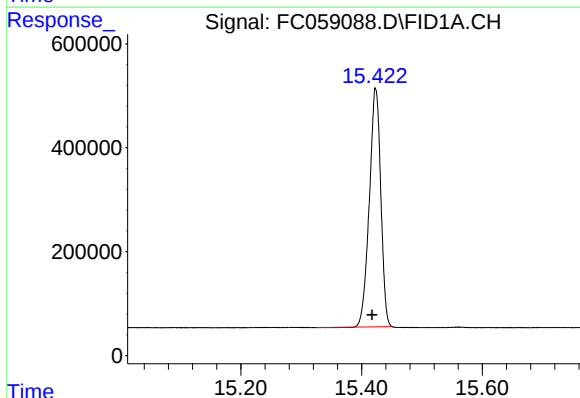
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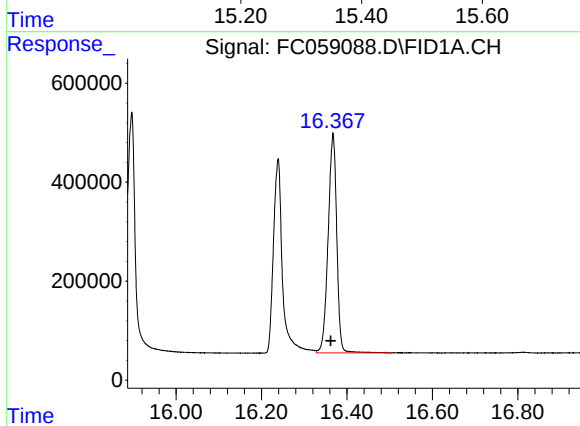
#14 n-Tetracosane (C24)

R.T.: 14.404 min
Delta R.T.: 0.003 min
Response: 6862638
Conc: 54.33 ug/ml



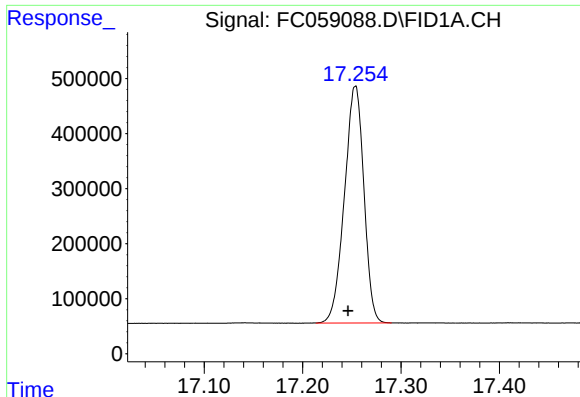
#15 n-Hexacosane (C26)

R.T.: 15.423 min
Delta R.T.: 0.006 min
Response: 6038945
Conc: 49.99 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.367 min
Delta R.T.: 0.004 min
Response: 6224802
Conc: 52.57 ug/ml



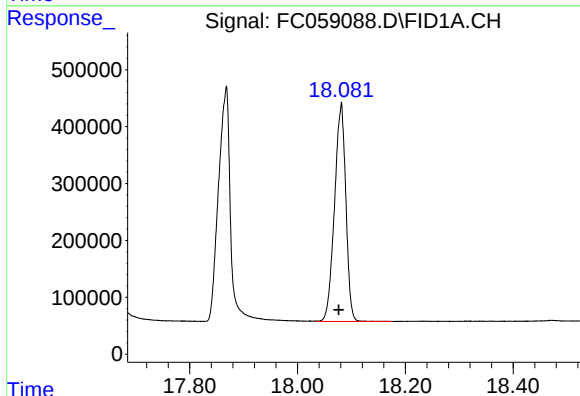
#17 n-Tricontane (C30)

R.T.: 17.254 min
Delta R.T.: 0.008 min
Response: 5912027
Conc: 51.83 ug/ml

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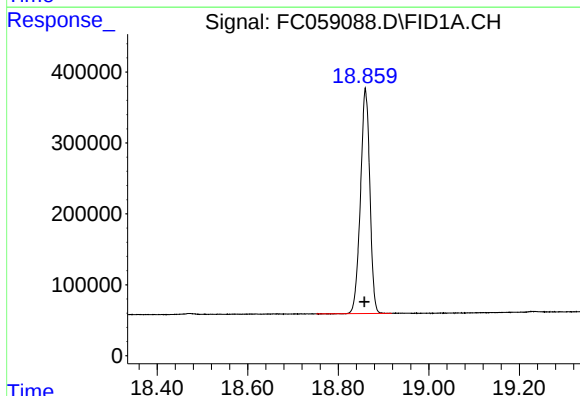
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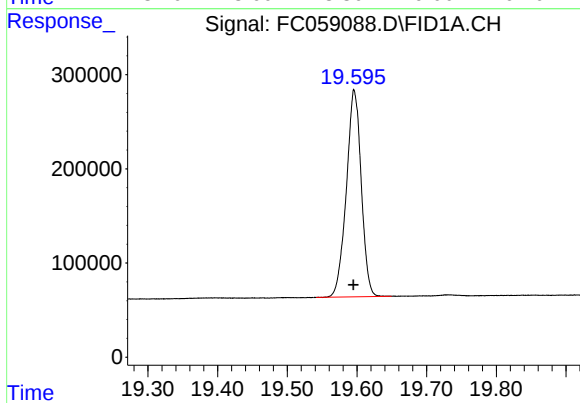
#18 n-Dotriacontane (C32)

R.T.: 18.080 min
Delta R.T.: 0.004 min
Response: 5577434
Conc: 52.06 ug/ml



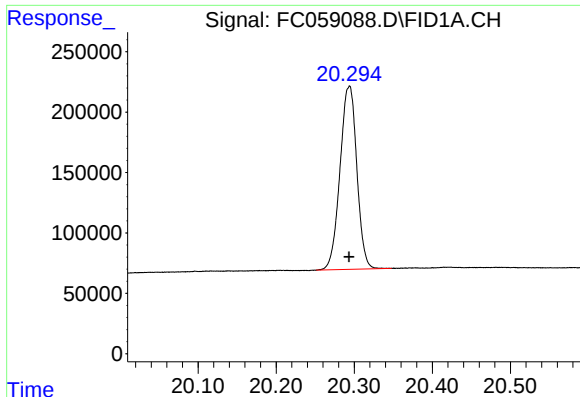
#19 n-Tetratriacontane (C34)

R.T.: 18.860 min
Delta R.T.: 0.002 min
Response: 4551161
Conc: 45.04 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.596 min
Delta R.T.: 0.001 min
Response: 3261959
Conc: 34.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.293 min
Delta R.T.: 0.000 min
Response: 2273039
Conc: 24.70 ug/ml

Instrument :

FID_C

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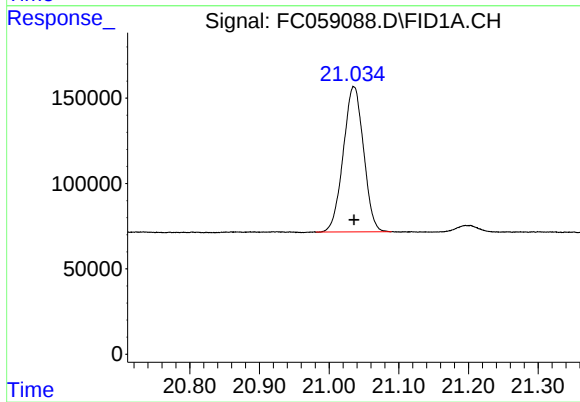
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#22 n-Tetracontane (C40)

R.T.: 21.035 min
Delta R.T.: 0.000 min
Response: 1721710
Conc: 18.53 ug/ml