

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040622AL\
 Data File : FC059087.D
 Signal(s) : FID1A.CH
 Acq On : 06 Apr 2022 18:46
 Operator : UA/NP
 Sample : PB143928BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB143928BS

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 01:58:44 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)	11.103	5950771	41.301 ug/ml
Spiked Amount 50.000		Recovery =	82.60%
12) S 1-chlorooctadecane (S...	12.551	4890439	43.628 ug/ml
Spiked Amount 50.000		Recovery =	87.26%
Target Compounds			
1) T n-Nonane (C9)	2.985	6165592	50.312 ug/ml
2) T n-Decane (C10)	4.015	6173761	50.380 ug/ml
3) T A~Naphthalene (C11.7)	5.554	7075167	56.351 ug/ml
4) T n-Dodecane (C12)	6.004	6700500	52.459 ug/ml
5) T A~2-methylnaphthalene...	6.601	6791277	52.975 ug/ml
6) T n-Tetradecane (C14)	7.788	6721176	51.693 ug/ml
7) T n-Hexadecane (C16)	9.377	6649277	50.073 ug/ml
8) T n-Octadecane (C18)	10.812	6831403	51.381 ug/ml
10) T n-Eicosane (C20)	12.116	6596367	50.345 ug/mlm
11) T n-Heneicosane (C21)	12.723	6434953	49.318 ug/ml
13) T n-Docosane (C22)	13.307	6325985	48.833 ug/ml
14) T n-Tetracosane (C24)	14.405	6860173	54.306 ug/ml
15) T n-Hexacosane (C26)	15.424	5978093	49.491 ug/ml
16) T n-Octacosane (C28)	16.367	6096910	51.489 ug/ml
17) T n-Tricontane (C30)	17.254	5821127	51.028 ug/ml
18) T n-Dotriacontane (C32)	18.081	5467938	51.040 ug/mlm
19) T n-Tetratriacontane (C34)	18.860	4454613	44.089 ug/mlm
20) T n-Hexatriacontane (C36)	19.597	3138019	32.842 ug/ml
21) T n-Octatriacontane (C38)	20.293	2122633	23.067 ug/ml
22) T n-Tetracontane (C40)	21.036	1574620	16.943 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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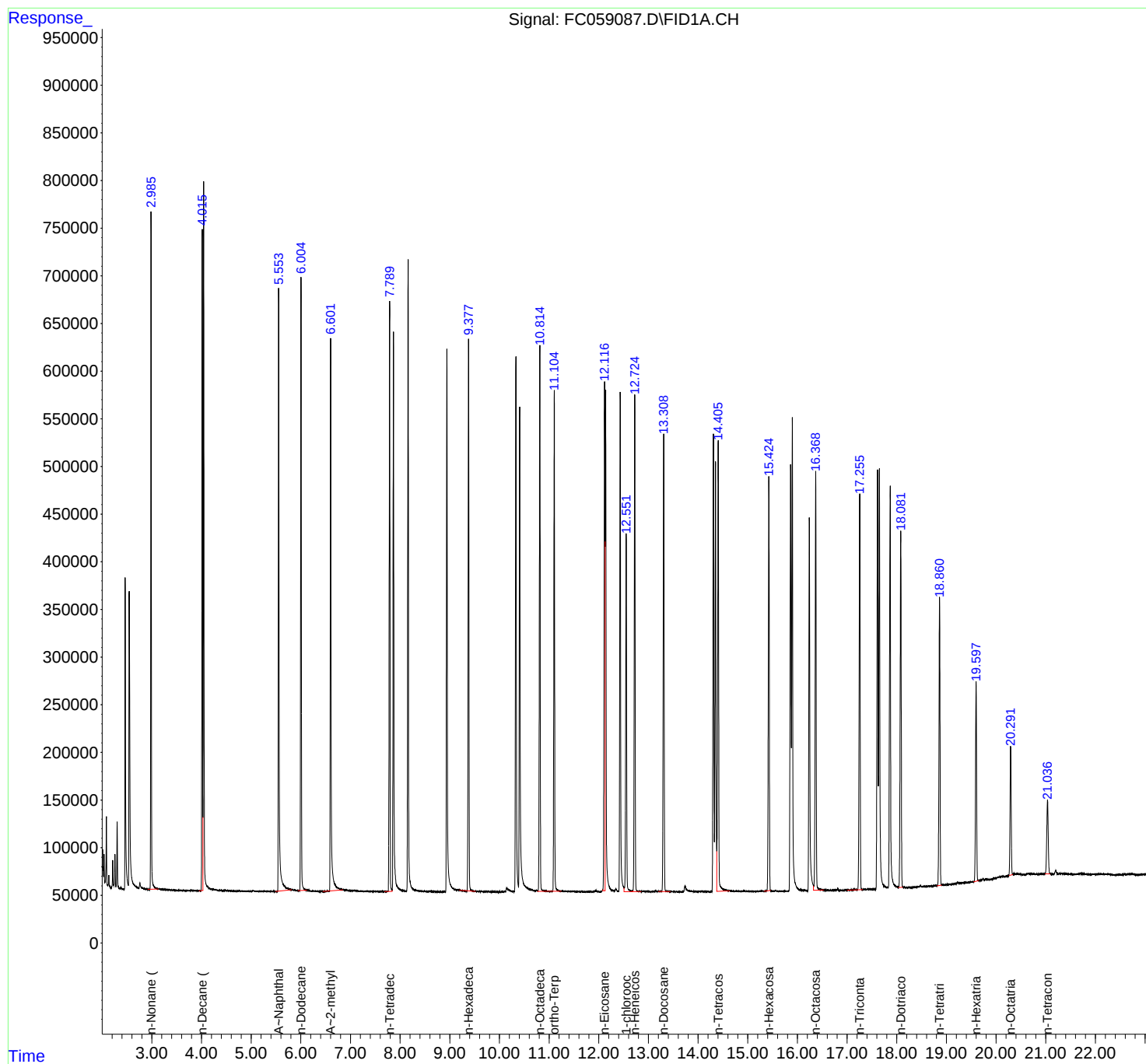
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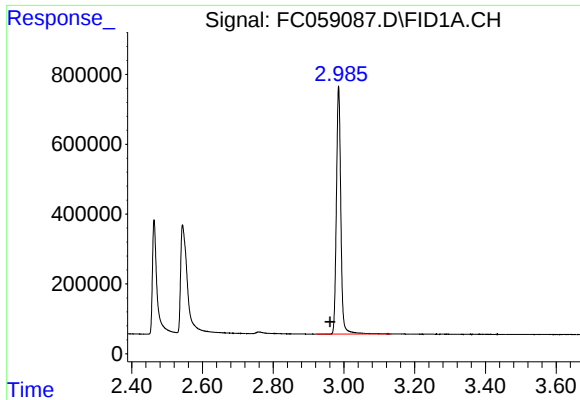
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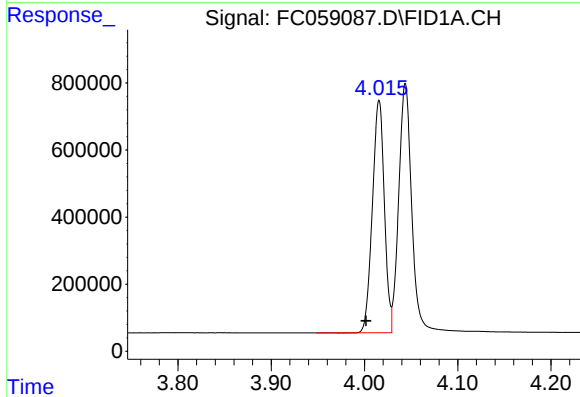
#1 n-Nonane (C9)

R.T.: 2.985 min
Delta R.T.: 0.024 min
Response: 6165592
Conc: 50.31 ug/ml

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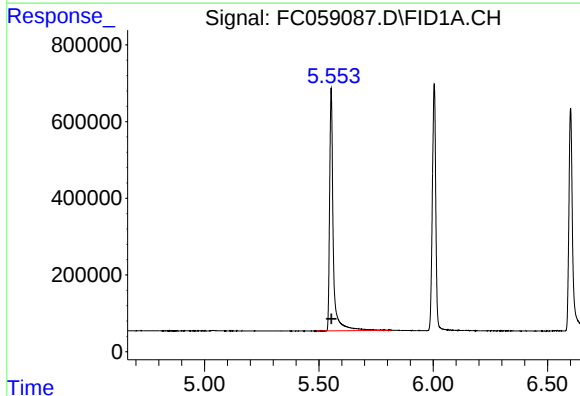
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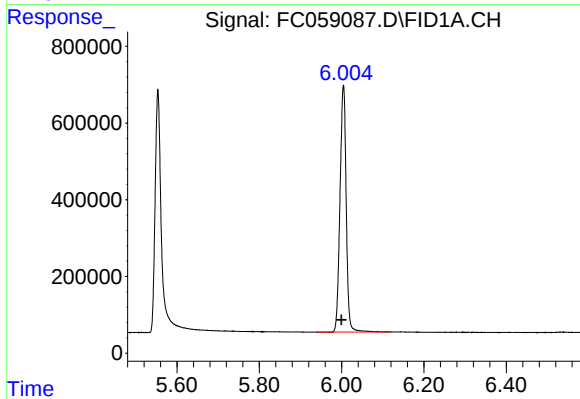
#2 n-Decane (C10)

R.T.: 4.015 min
Delta R.T.: 0.014 min
Response: 6173761
Conc: 50.38 ug/ml



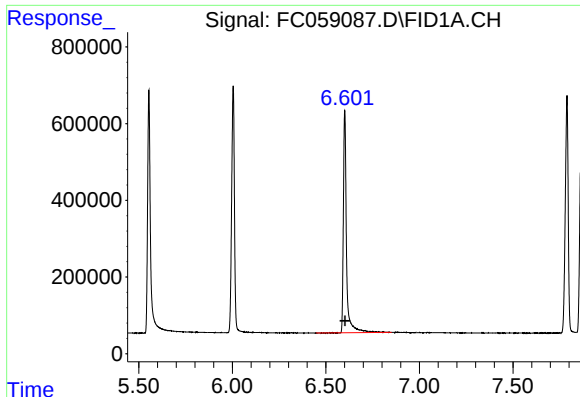
#3 A~Naphthalene (C11.7)

R.T.: 5.554 min
Delta R.T.: -0.001 min
Response: 7075167
Conc: 56.35 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.004 min
Delta R.T.: 0.004 min
Response: 6700500
Conc: 52.46 ug/ml



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

R.T.: 6.601 min
Delta R.T.: -0.002 min
Response: 6791277
Conc: 52.97 ug/ml

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FID_C

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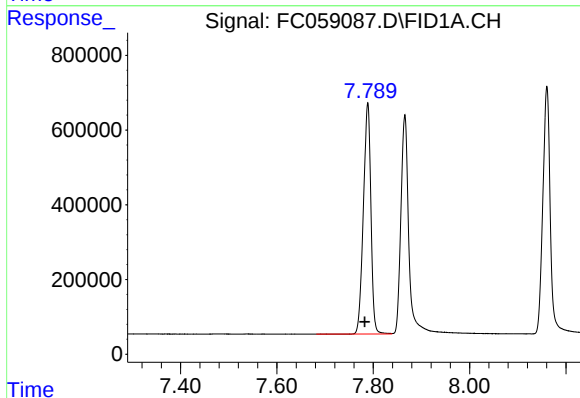
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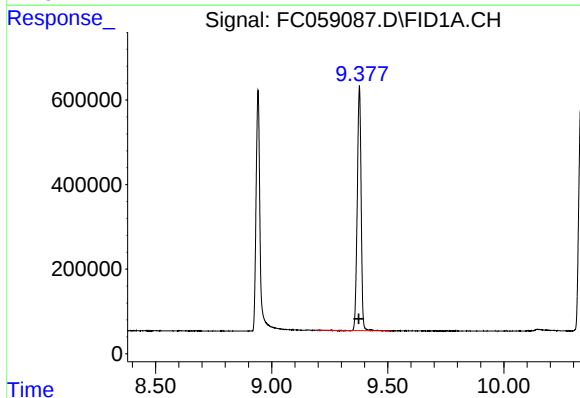
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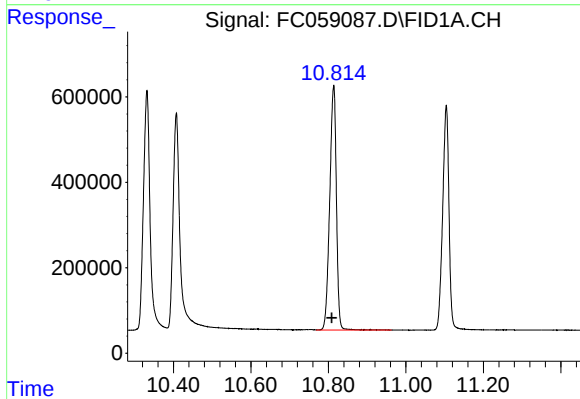
#6 n-Tetradecane (C14)

R.T.: 7.788 min
Delta R.T.: 0.005 min
Response: 6721176
Conc: 51.69 ug/ml



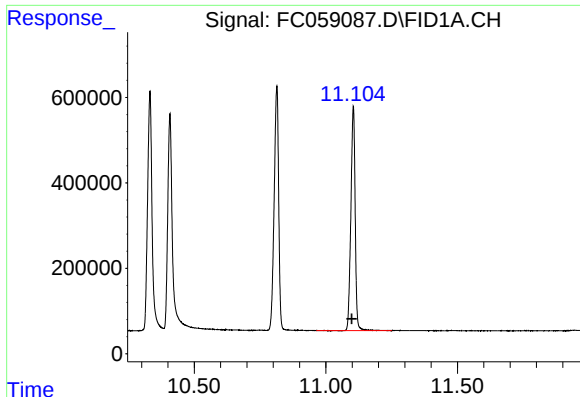
#7 n-Hexadecane (C16)

R.T.: 9.377 min
Delta R.T.: 0.003 min
Response: 6649277
Conc: 50.07 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.812 min
Delta R.T.: 0.004 min
Response: 6831403
Conc: 51.38 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.103 min
Delta R.T.: 0.005 min
Response: 5950771
Conc: 41.30 ug/ml

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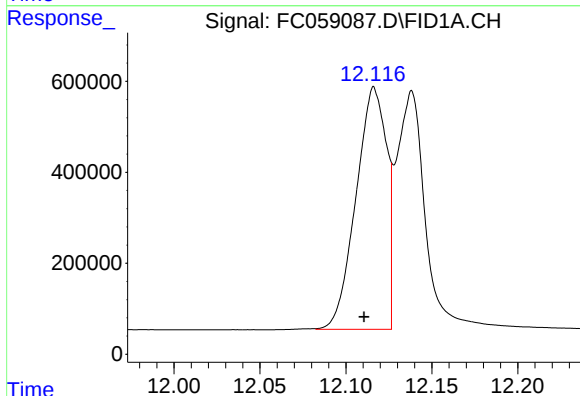
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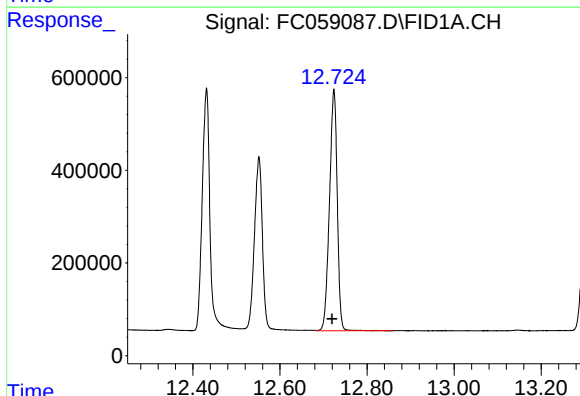
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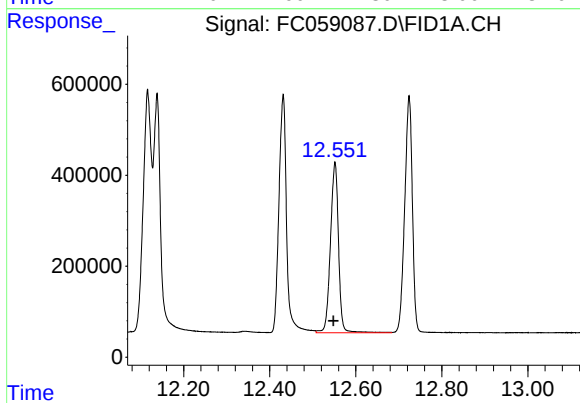
#10 n-Eicosane (C20)

R.T.: 12.116 min
Delta R.T.: 0.005 min
Response: 6596367
Conc: 50.34 ug/ml m



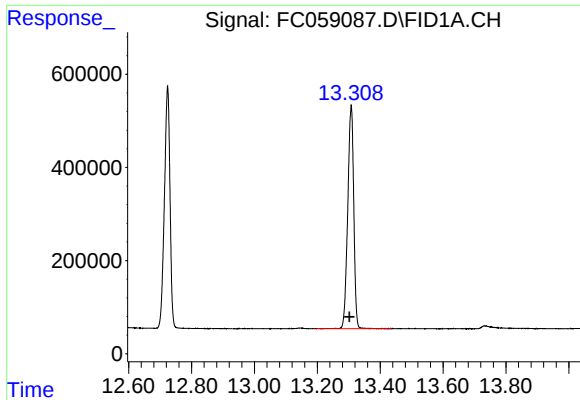
#11 n-Heneicosane (C21)

R.T.: 12.723 min
Delta R.T.: 0.004 min
Response: 6434953
Conc: 49.32 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.551 min
Delta R.T.: 0.002 min
Response: 4890439
Conc: 43.63 ug/ml



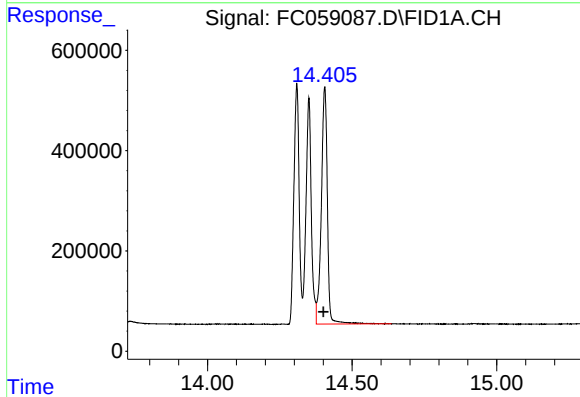
#13 n-Docosane (C22)

R.T.: 13.307 min
Delta R.T.: 0.005 min
Response: 6325985
Conc: 48.83 ug/ml

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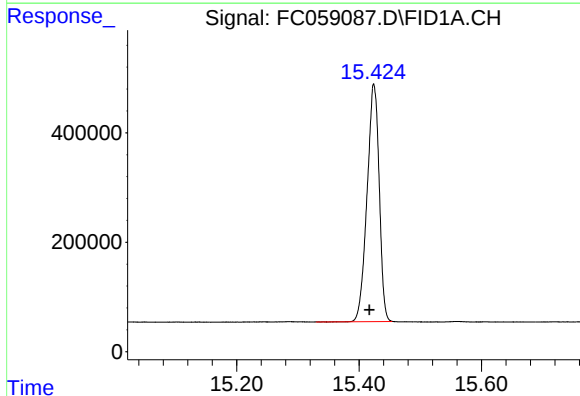
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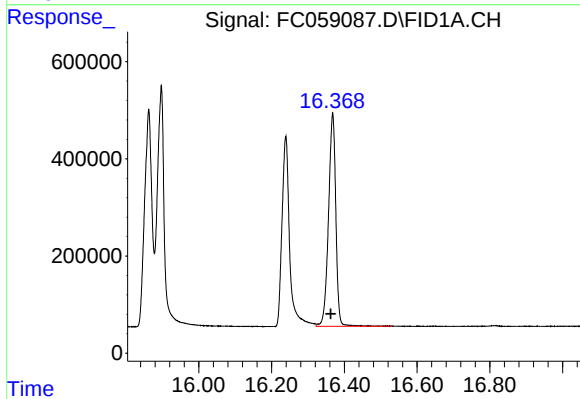
#14 n-Tetracosane (C24)

R.T.: 14.405 min
Delta R.T.: 0.003 min
Response: 6860173
Conc: 54.31 ug/ml



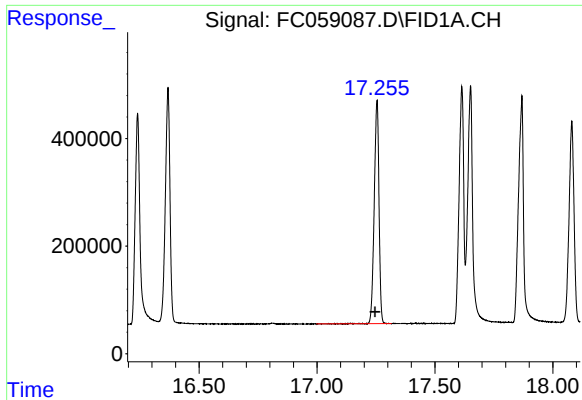
#15 n-Hexacosane (C26)

R.T.: 15.424 min
Delta R.T.: 0.007 min
Response: 5978093
Conc: 49.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.367 min
Delta R.T.: 0.005 min
Response: 6096910
Conc: 51.49 ug/ml



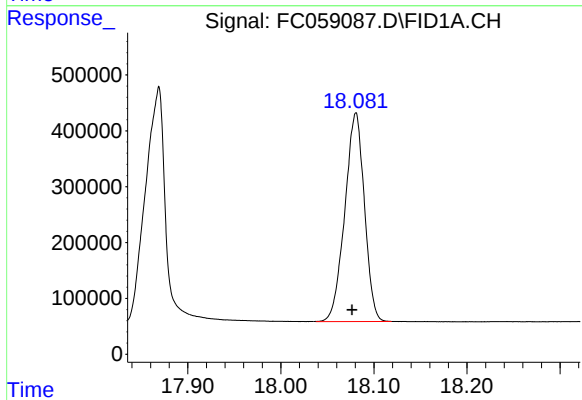
#17 n-Tricontane (C30)

R.T.: 17.254 min
Delta R.T.: 0.008 min
Response: 5821127
Conc: 51.03 ug/ml

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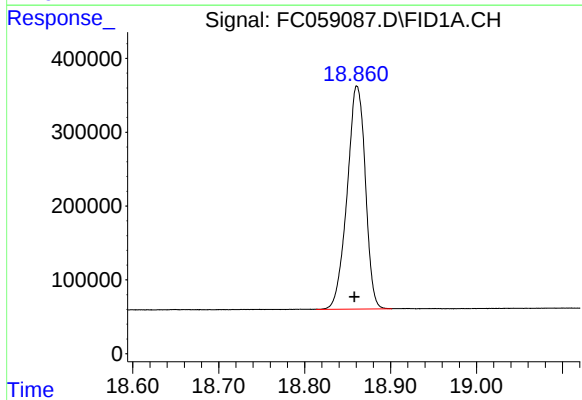
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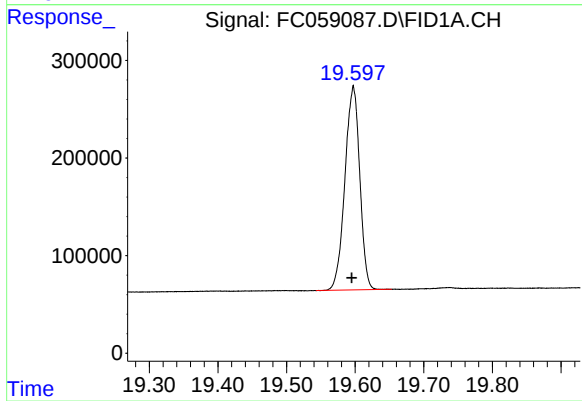
#18 n-Dotriacontane (C32)

R.T.: 18.081 min
Delta R.T.: 0.004 min
Response: 5467938
Conc: 51.04 ug/ml m



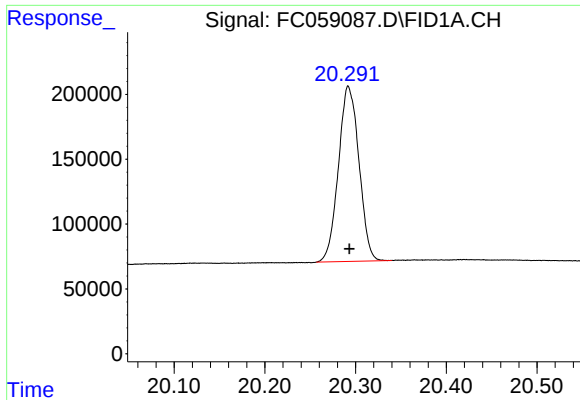
#19 n-Tetratriacontane (C34)

R.T.: 18.860 min
Delta R.T.: 0.002 min
Response: 4454613
Conc: 44.09 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.597 min
Delta R.T.: 0.002 min
Response: 3138019
Conc: 32.84 ug/ml



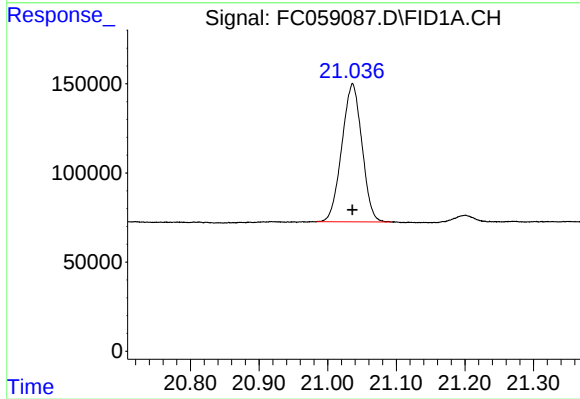
#21 n-Octatriacontane (C38)

R.T.: 20.293 min
Delta R.T.: 0.000 min
Response: 2122633
Conc: 23.07 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.036 min
Delta R.T.: 0.000 min
Response: 1574620
Conc: 16.94 ug/ml