

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040622AL\
 Data File : FC059095.D
 Signal(s) : FID1A.CH
 Acq On : 07 Apr 2022 00:02
 Operator : UA/NP
 Sample : N2276-07MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5MSD

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 02:00:15 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	4610141	31.997 ug/ml
Spiked Amount 50.000		Recovery =	63.99%
12) S 1-chlorooctadecane (S...	12.550	3404271	30.370 ug/mlm
Spiked Amount 50.000		Recovery =	60.74%
Target Compounds			
1) T n-Nonane (C9)	2.985	6847282	55.875 ug/ml
2) T n-Decane (C10)	4.016	6927244	56.528 ug/ml
3) T A~Naphthalene (C11.7)	5.554	7792780	62.067 ug/ml
4) T n-Dodecane (C12)	6.004	7458266	58.392 ug/ml
5) T A~2-methylnaphthalene...	6.601	7728861	60.288 ug/ml
6) T n-Tetradecane (C14)	7.788	7480445	57.532 ug/ml
7) T n-Hexadecane (C16)	9.377	7422831	55.898 ug/ml
8) T n-Octadecane (C18)	10.811	7571850	56.950 ug/ml
10) T n-Eicosane (C20)	12.116	7344530	56.055 ug/mlm
11) T n-Heneicosane (C21)	12.723	7152394	54.817 ug/ml
13) T n-Docosane (C22)	13.308	7037755	54.327 ug/mlm
14) T n-Tetracosane (C24)	14.404	7526566	59.581 ug/ml
15) T n-Hexacosane (C26)	15.424	6780802	56.136 ug/ml
16) T n-Octacosane (C28)	16.368	6710876	56.674 ug/mlm
17) T n-Tricontane (C30)	17.255	6736723	59.054 ug/ml
18) T n-Dotriacontane (C32)	18.082	6842151	63.868 ug/mlm
19) T n-Tetratriacontane (C34)	18.863	6906148	68.353 ug/ml
20) T n-Hexatriacontane (C36)	19.599	6840241	71.589 ug/ml
21) T n-Octatriacontane (C38)	20.298	9199136	99.970 ug/mlm
22) T n-Tetracontane (C40)	21.043	6834628	73.539 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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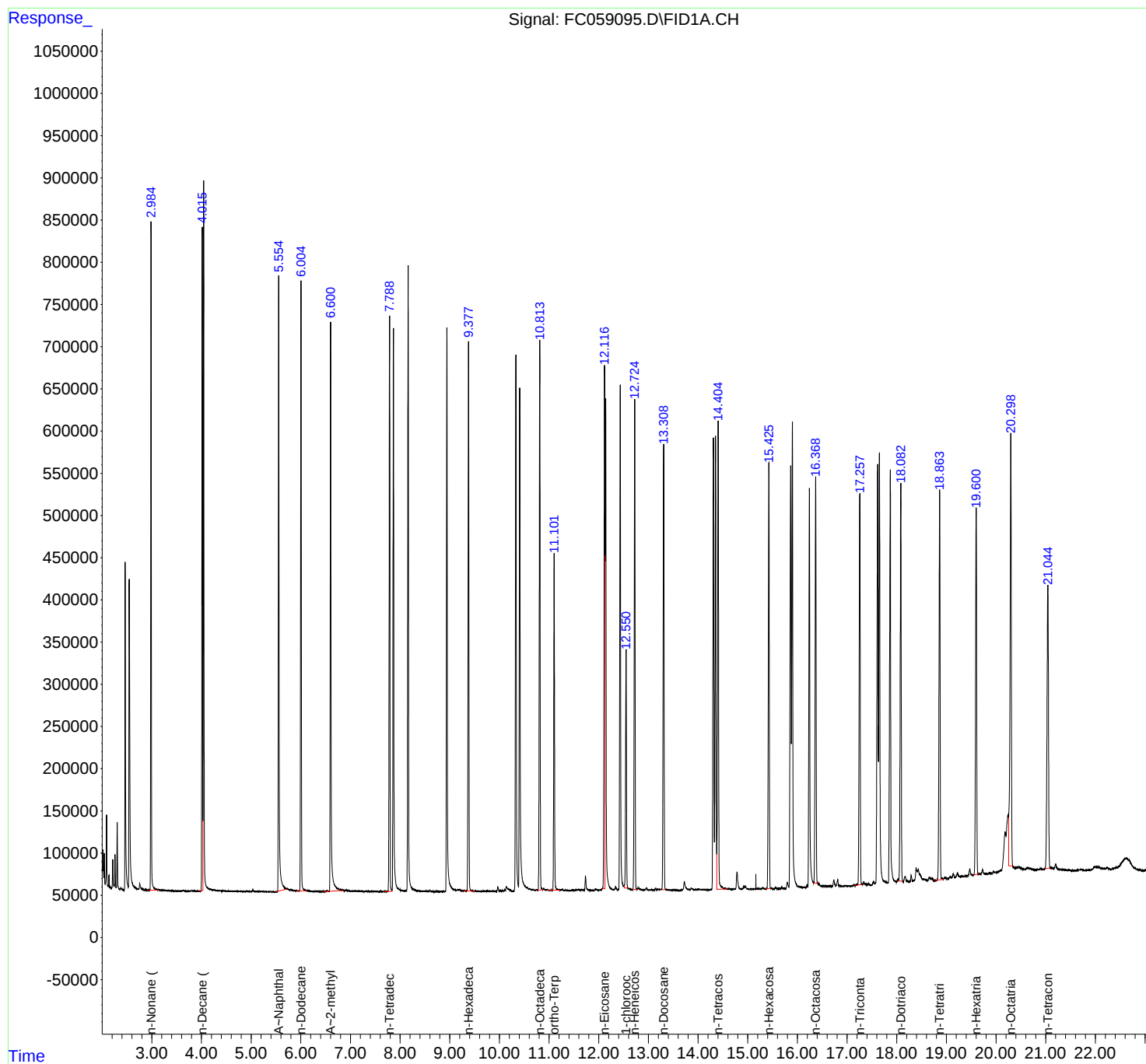
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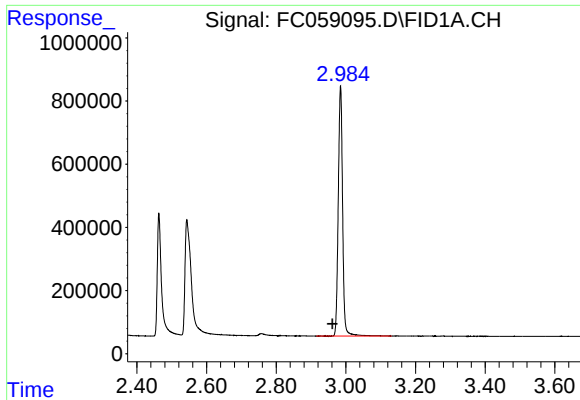
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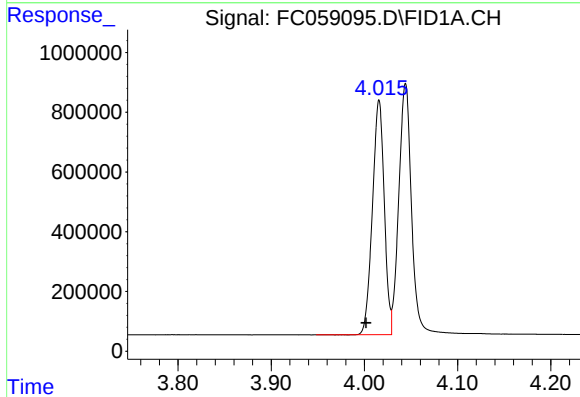
#1 n-Nonane (C9)

R.T.: 2.985 min
Delta R.T.: 0.024 min
Response: 6847282
Conc: 55.88 ug/ml

Instrument :
FID_C
ClientSampleId :
5MSD

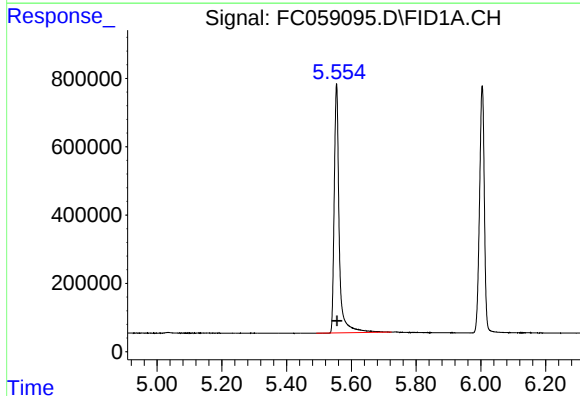
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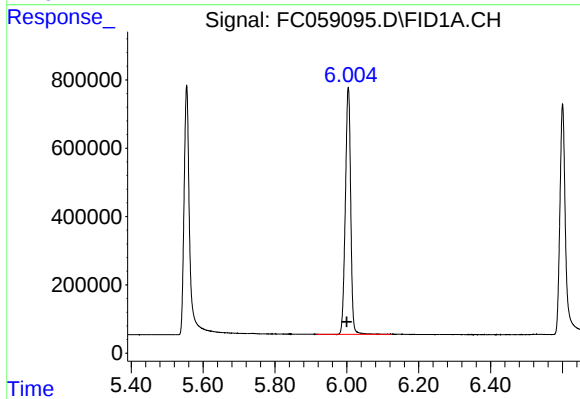
#2 n-Decane (C10)

R.T.: 4.016 min
Delta R.T.: 0.014 min
Response: 6927244
Conc: 56.53 ug/ml



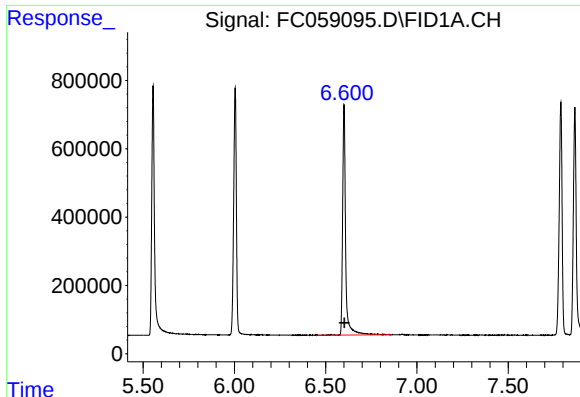
#3 A~Naphthalene (C11.7)

R.T.: 5.554 min
Delta R.T.: -0.001 min
Response: 7792780
Conc: 62.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.004 min
Delta R.T.: 0.004 min
Response: 7458266
Conc: 58.39 ug/ml



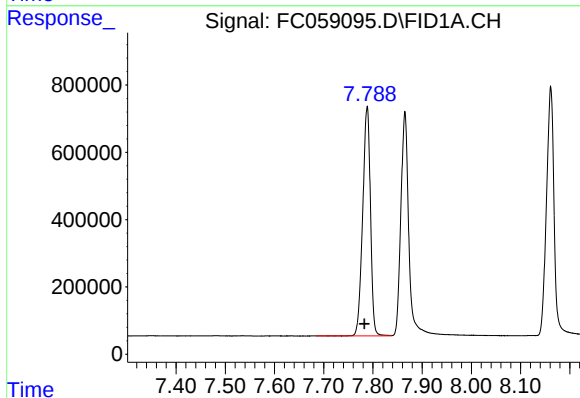
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.601 min
Delta R.T.: -0.002 min
Response: 7728861
Conc: 60.29 ug/ml

Instrument :
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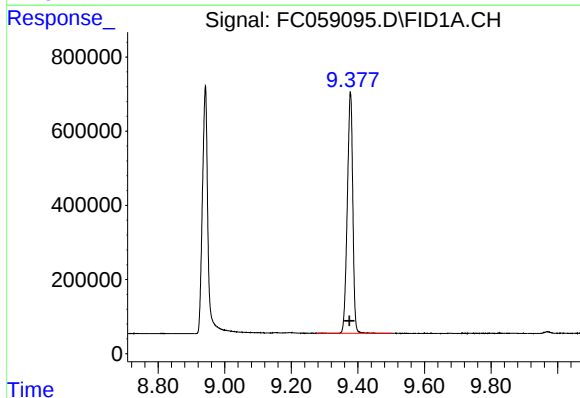
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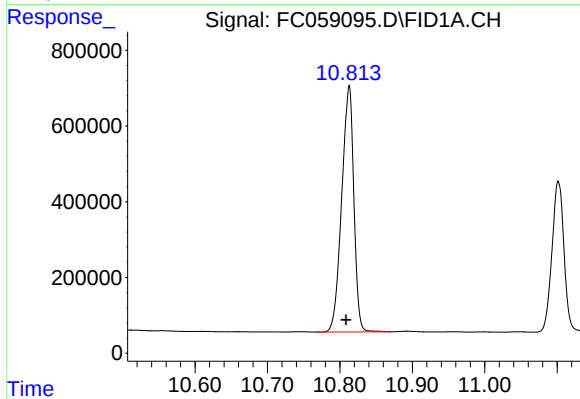
#6 n-Tetradecane (C14)

R.T.: 7.788 min
Delta R.T.: 0.005 min
Response: 7480445
Conc: 57.53 ug/ml



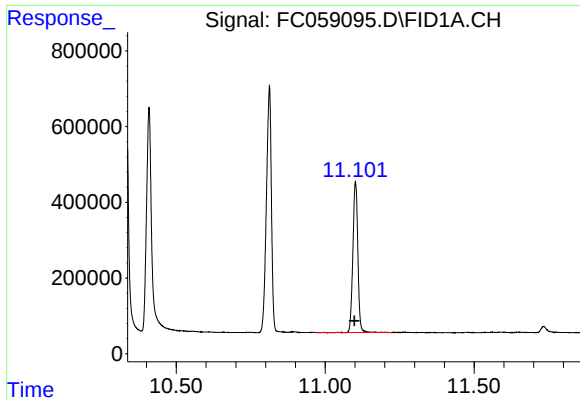
#7 n-Hexadecane (C16)

R.T.: 9.377 min
Delta R.T.: 0.002 min
Response: 7422831
Conc: 55.90 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.811 min
Delta R.T.: 0.003 min
Response: 7571850
Conc: 56.95 ug/ml



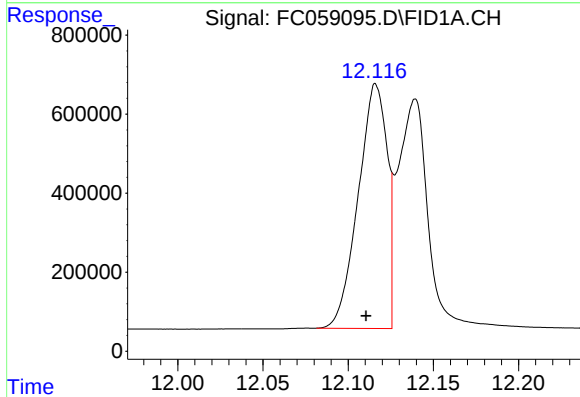
#9 ortho-Terphenyl (SURR)

R.T.: 11.102 min
Delta R.T.: 0.003 min
Response: 4610141
Conc: 32.00 ug/ml

Instrument :
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ClientSampleId :
5MSD

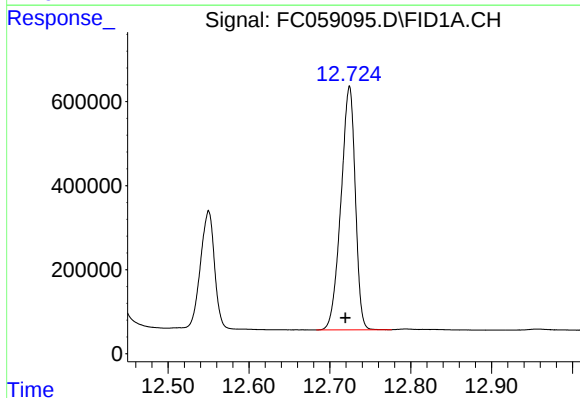
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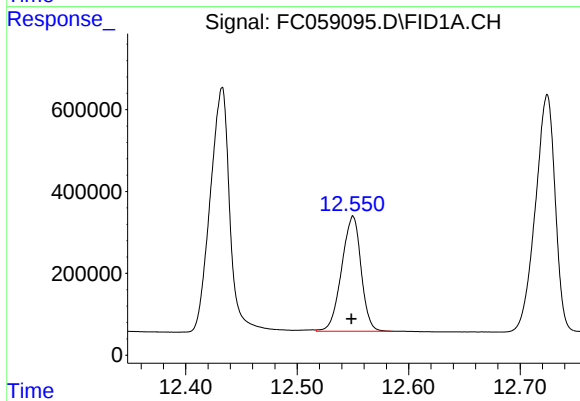
#10 n-Eicosane (C20)

R.T.: 12.116 min
Delta R.T.: 0.005 min
Response: 7344530
Conc: 56.05 ug/ml m



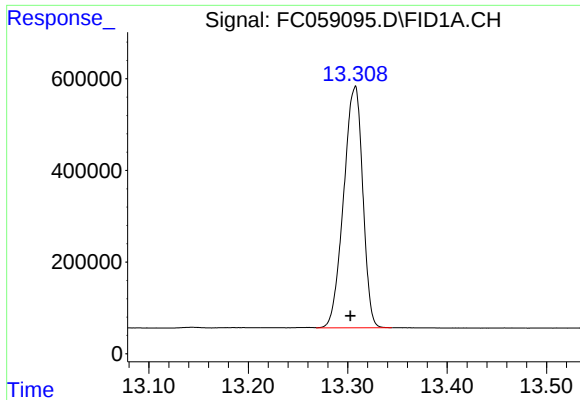
#11 n-Heneicosane (C21)

R.T.: 12.723 min
Delta R.T.: 0.004 min
Response: 7152394
Conc: 54.82 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.550 min
Delta R.T.: 0.001 min
Response: 3404271
Conc: 30.37 ug/ml m



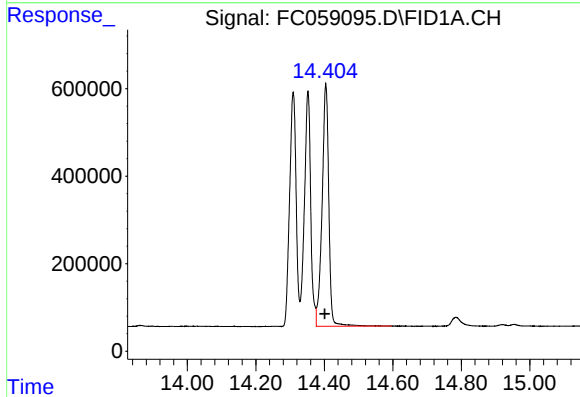
#13 n-Docosane (C22)

R.T.: 13.308 min
Delta R.T.: 0.005 min
Response: 7037755
Conc: 54.33 ug/ml

Instrument :
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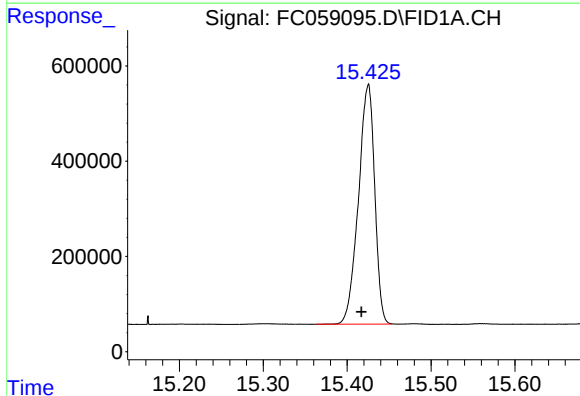
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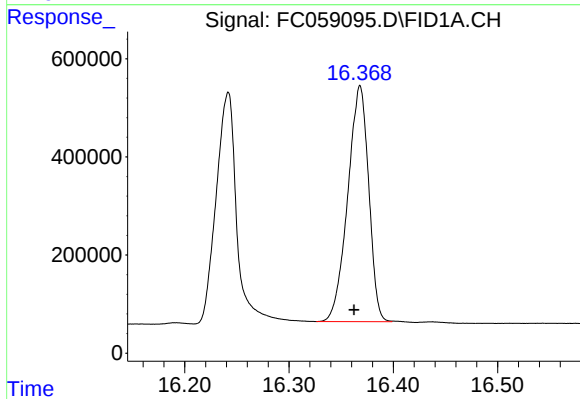
#14 n-Tetracosane (C24)

R.T.: 14.404 min
Delta R.T.: 0.003 min
Response: 7526566
Conc: 59.58 ug/ml



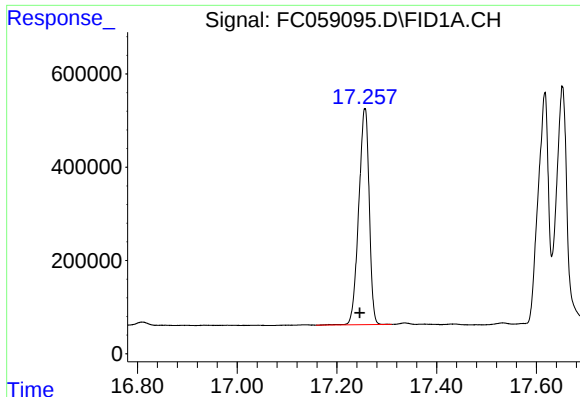
#15 n-Hexacosane (C26)

R.T.: 15.424 min
Delta R.T.: 0.007 min
Response: 6780802
Conc: 56.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.368 min
Delta R.T.: 0.005 min
Response: 6710876
Conc: 56.67 ug/ml m



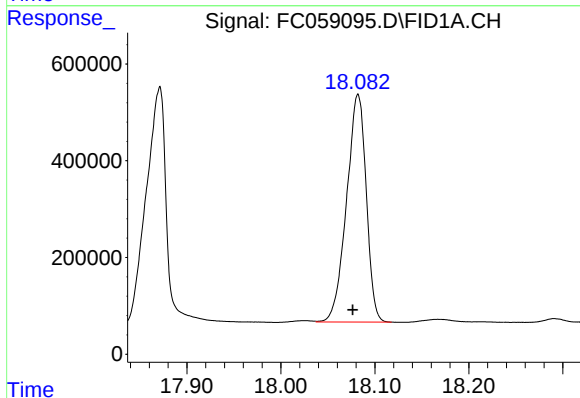
#17 n-Tricontane (C30)

R.T.: 17.255 min
Delta R.T.: 0.009 min
Response: 6736723
Conc: 59.05 ug/ml

Instrument :
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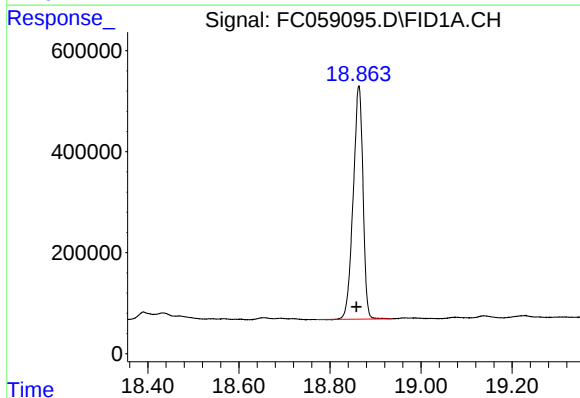
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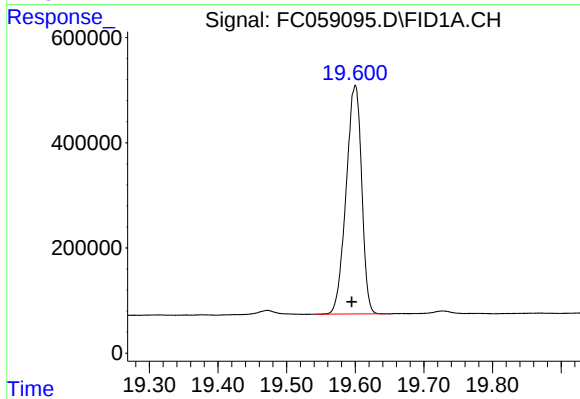
#18 n-Dotriacontane (C32)

R.T.: 18.082 min
Delta R.T.: 0.005 min
Response: 6842151
Conc: 63.87 ug/ml m



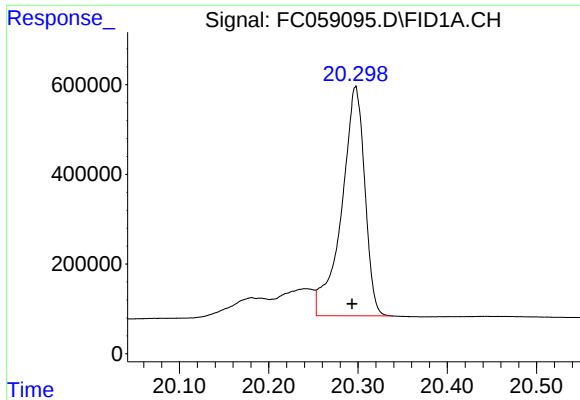
#19 n-Tetratriacontane (C34)

R.T.: 18.863 min
Delta R.T.: 0.005 min
Response: 6906148
Conc: 68.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.599 min
Delta R.T.: 0.004 min
Response: 6840241
Conc: 71.59 ug/ml



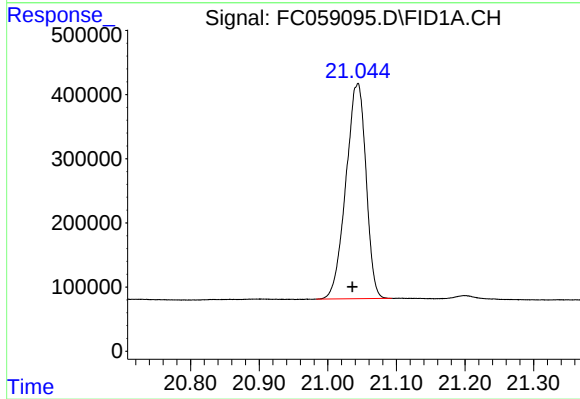
#21 n-Octatriacontane (C38)

R.T.: 20.298 min
Delta R.T.: 0.004 min
Response: 9199136
Conc: 99.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.043 min
Delta R.T.: 0.007 min
Response: 6834628
Conc: 73.54 ug/ml