

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032522AL\
 Data File : FC058900.D
 Signal(s) : FID1A.CH
 Acq On : 26 Mar 2022 17:17
 Operator : UA/NP
 Sample : PB143605BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB143605BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/28/2022
 Supervised By :mohammad ahmed 03/30/2022

Integration File: autoint1.e
 Quant Time: Mar 26 23:44:03 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			
12) S 1-chlorooctadecane (S...	12.552	7104331	63.378 ug/ml
Spiked Amount 50.000		Recovery =	126.76%
Target Compounds			
1) T n-Nonane (C9)	2.956	3122856	25.483 ug/ml
2) T n-Decane (C10)	3.998	3778000	30.830 ug/ml
4) T n-Dodecane (C12)	5.999	4529862	35.465 ug/ml
6) T n-Tetradecane (C14)	7.784	4733455	36.405 ug/ml
7) T n-Hexadecane (C16)	9.376	5151354	38.793 ug/ml
8) T n-Octadecane (C18)	10.810	5601784	42.133 ug/ml
10) T n-Eicosane (C20)	12.113	5524451	42.164 ug/ml
11) T n-Heneicosane (C21)	12.723	5526973	42.359 ug/ml
13) T n-Docosane (C22)	13.307	5474195	42.257 ug/ml
14) T n-Tetracosane (C24)	14.404	5353805	42.382 ug/ml
15) T n-Hexacosane (C26)	15.420	5113504	42.333 ug/ml
16) T n-Octacosane (C28)	16.365	4978381	42.043 ug/ml
17) T n-Tricontane (C30)	17.248	4753538	41.670 ug/ml
18) T n-Dotriacontane (C32)	18.078	4506533	42.066 ug/ml
19) T n-Tetratriacontane (C34)	18.859	4050888	40.093 ug/ml
20) T n-Hexatriacontane (C36)	19.596	3407479	35.662 ug/ml
21) T n-Octatriacontane (C38)	20.292	2850738	30.980 ug/ml
22) T n-Tetracontane (C40)	21.036	2527006	27.190 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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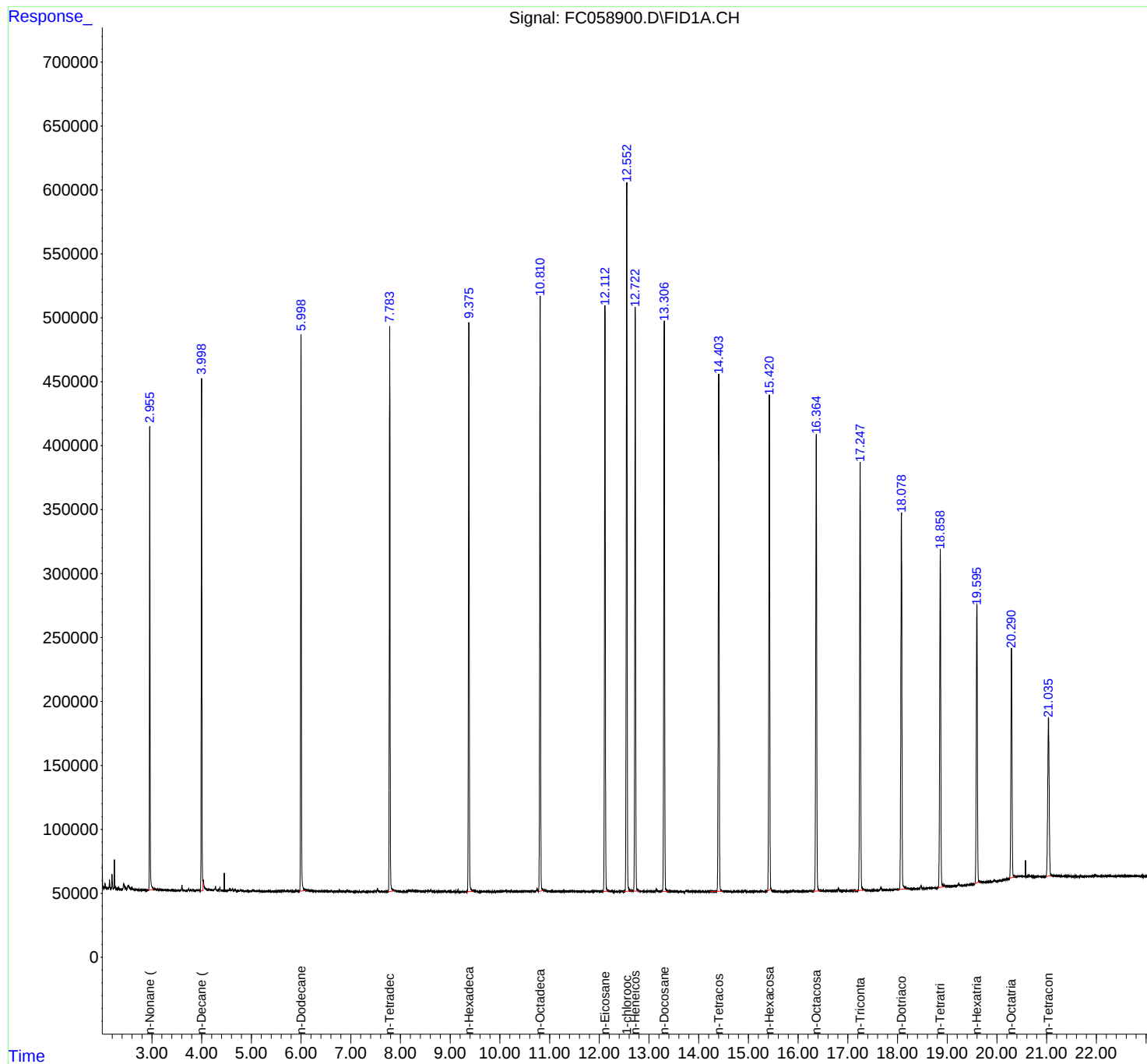
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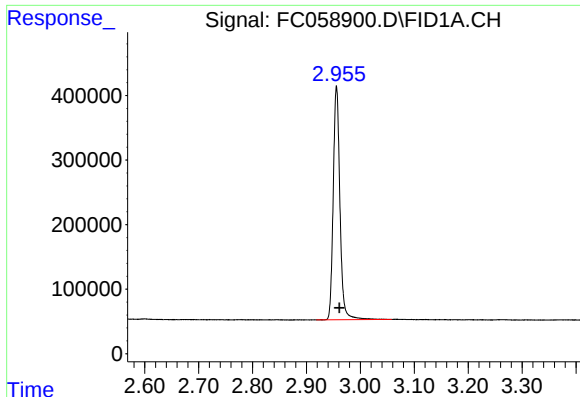
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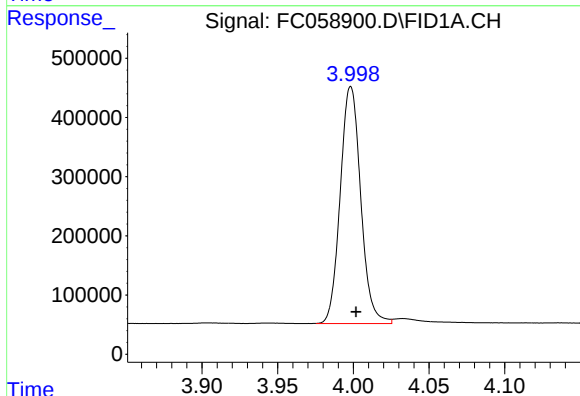
#1 n-Nonane (C9)

R.T.: 2.956 min
Delta R.T.: -0.005 min
Response: 3122856
Conc: 25.48 ug/ml

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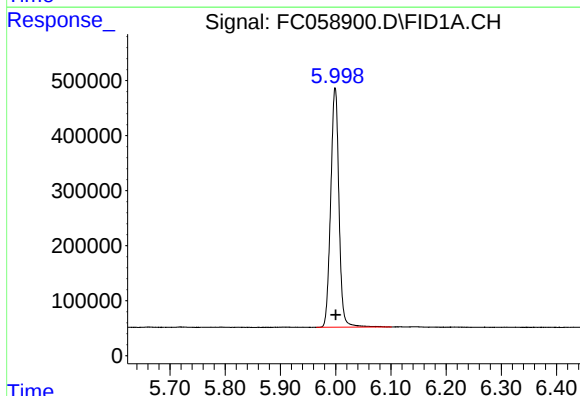
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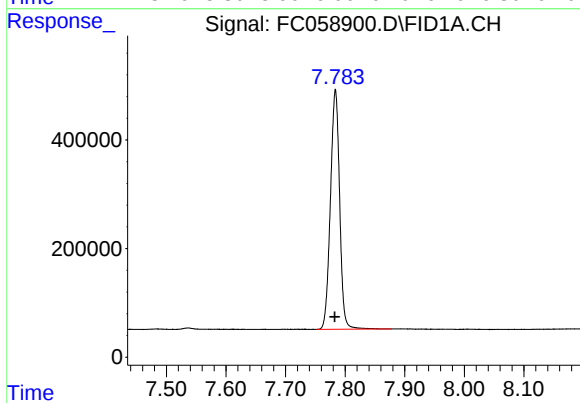
#2 n-Decane (C10)

R.T.: 3.998 min
Delta R.T.: -0.004 min
Response: 3778000
Conc: 30.83 ug/ml m



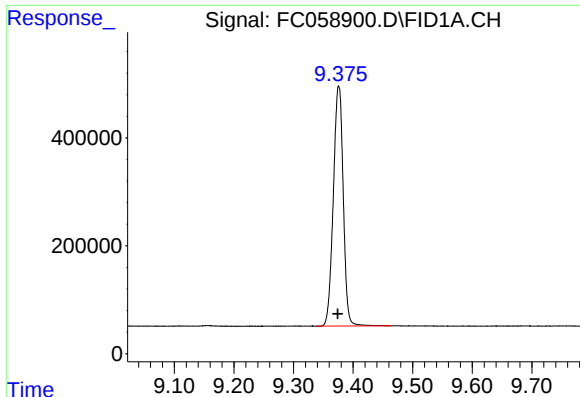
#4 n-Dodecane (C12)

R.T.: 5.999 min
Delta R.T.: -0.001 min
Response: 4529862
Conc: 35.47 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.784 min
Delta R.T.: 0.001 min
Response: 4733455
Conc: 36.41 ug/ml



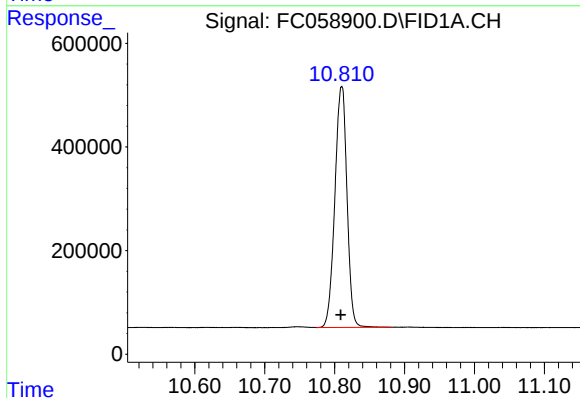
#7 n-Hexadecane (C16)

R.T.: 9.376 min
Delta R.T.: 0.001 min
Response: 5151354
Conc: 38.79 ug/ml

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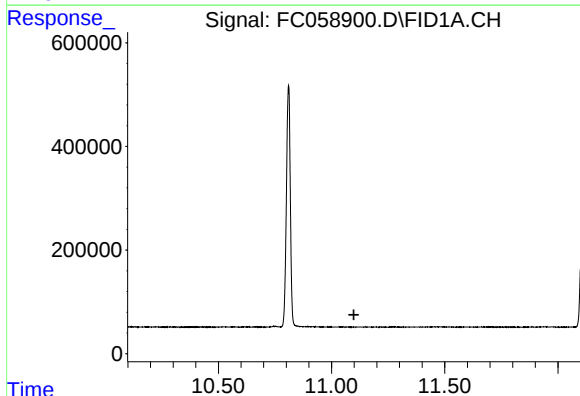
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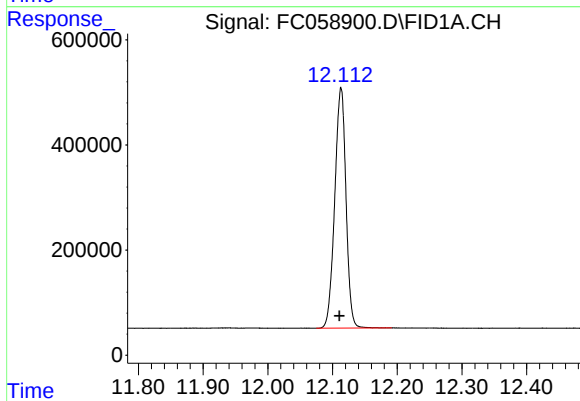
#8 n-Octadecane (C18)

R.T.: 10.810 min
Delta R.T.: 0.001 min
Response: 5601784
Conc: 42.13 ug/ml



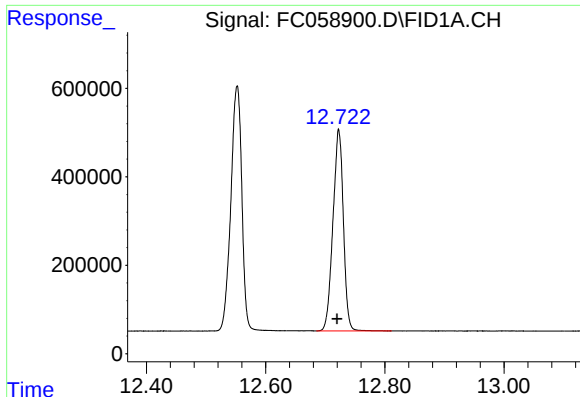
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.099 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.113 min
Delta R.T.: 0.002 min
Response: 5524451
Conc: 42.16 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.723 min
Delta R.T.: 0.003 min
Response: 5526973
Conc: 42.36 ug/ml

Instrument :

FID_C

ClientSampleId :

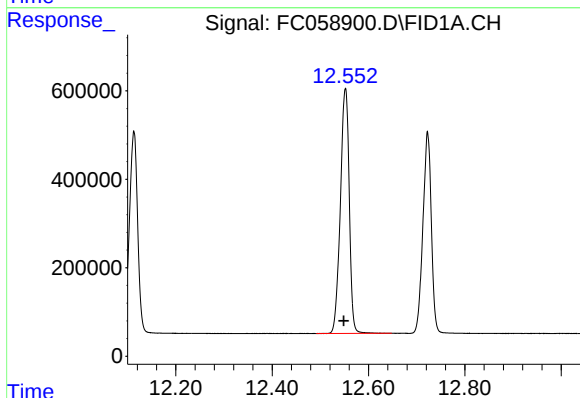
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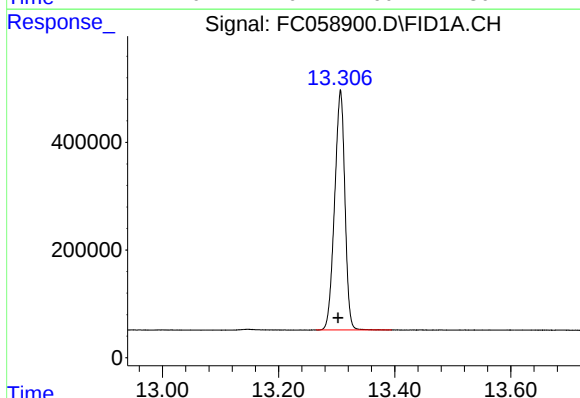
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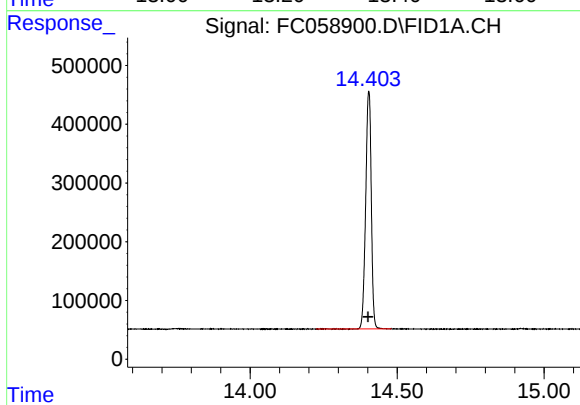
#12 1-chlorooctadecane (SURR)

R.T.: 12.552 min
Delta R.T.: 0.003 min
Response: 7104331
Conc: 63.38 ug/ml



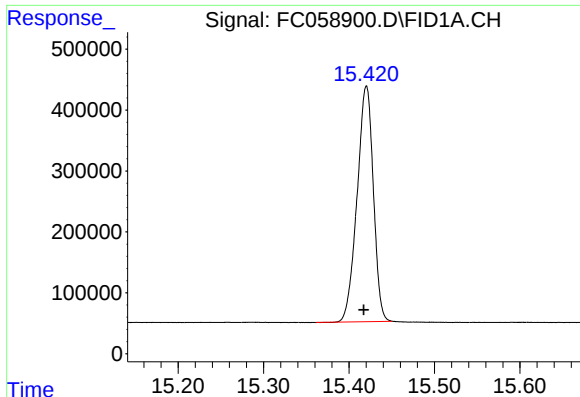
#13 n-Docosane (C22)

R.T.: 13.307 min
Delta R.T.: 0.004 min
Response: 5474195
Conc: 42.26 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.404 min
Delta R.T.: 0.002 min
Response: 5353805
Conc: 42.38 ug/ml



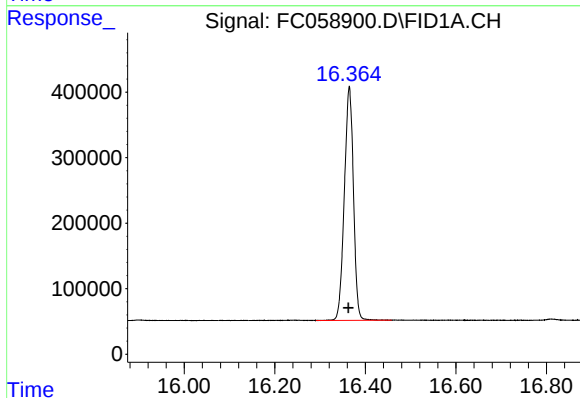
#15 n-Hexacosane (C26)

R.T.: 15.420 min
Delta R.T.: 0.003 min
Response: 5113504
Conc: 42.33 ug/ml

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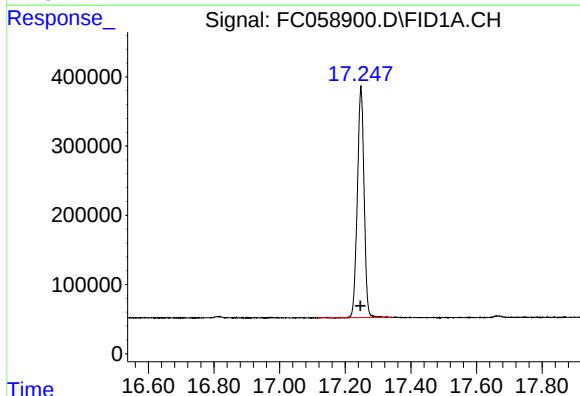
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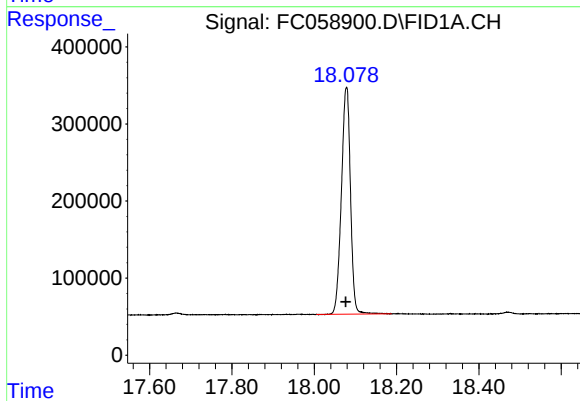
#16 n-Octacosane (C28)

R.T.: 16.365 min
Delta R.T.: 0.002 min
Response: 4978381
Conc: 42.04 ug/ml



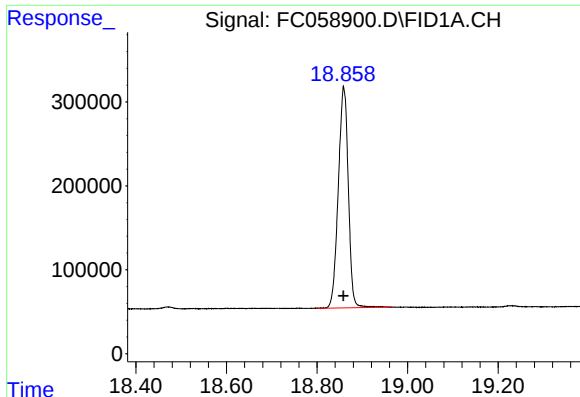
#17 n-Tricontane (C30)

R.T.: 17.248 min
Delta R.T.: 0.002 min
Response: 4753538
Conc: 41.67 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.078 min
Delta R.T.: 0.002 min
Response: 4506533
Conc: 42.07 ug/ml



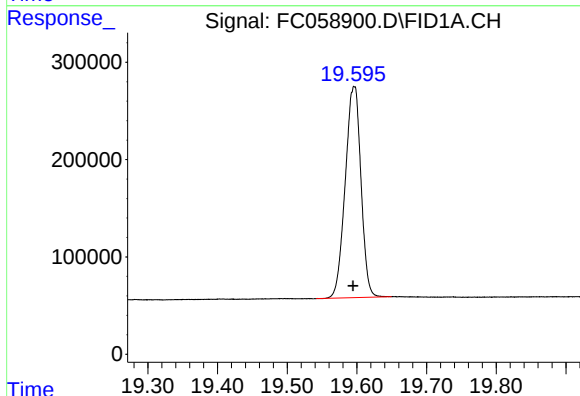
#19 n-Tetratriacontane (C34)

R.T.: 18.859 min
Delta R.T.: 0.001 min
Response: 4050888
Conc: 40.09 ug/ml

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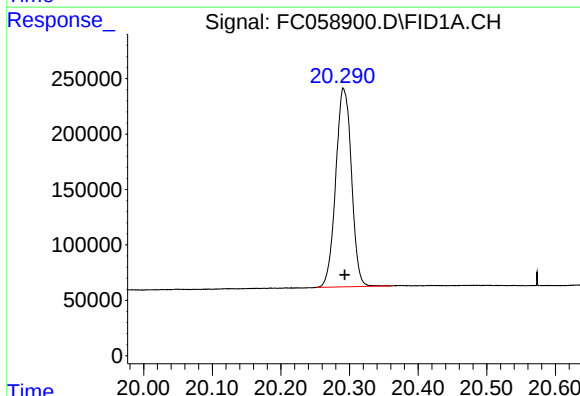
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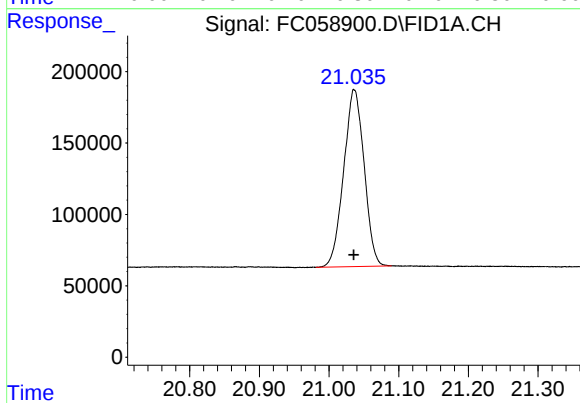
#20 n-Hexatriacontane (C36)

R.T.: 19.596 min
Delta R.T.: 0.000 min
Response: 3407479
Conc: 35.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.292 min
Delta R.T.: -0.001 min
Response: 2850738
Conc: 30.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.036 min
Delta R.T.: 0.000 min
Response: 2527006
Conc: 27.19 ug/ml