

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032922AL\
 Data File : FC058947.D
 Signal(s) : FID1A.CH
 Acq On : 29 Mar 2022 18:14
 Operator : UA/NP
 Sample : PB143706BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB143706BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/30/2022
 Supervised By :mohammad ahmed 04/01/2022

Integration File: sample.E
 Quant Time: Mar 30 03:22:52 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...	12.542	4591043	40.957 ug/ml
Spiked Amount 50.000		Recovery =	81.91%
Target Compounds			
1) T n-Nonane (C9)	2.953	2340705	19.101 ug/ml
2) T n-Decane (C10)	3.995	2906370	23.717 ug/ml
4) T n-Dodecane (C12)	5.994	3631948	28.435 ug/ml
6) T n-Tetradecane (C14)	7.778	3937480	30.283 ug/ml
7) T n-Hexadecane (C16)	9.370	4332453	32.626 ug/ml
8) T n-Octadecane (C18)	10.804	4665708	35.092 ug/ml
10) T n-Eicosane (C20)	12.106	4583131	34.979 ug/ml
11) T n-Heneicosane (C21)	12.715	4581265	35.111 ug/ml
13) T n-Docosane (C22)	13.298	4554317	35.156 ug/ml
14) T n-Tetracosane (C24)	14.396	4463292	35.332 ug/ml
15) T n-Hexacosane (C26)	15.412	4302417	35.618 ug/ml
16) T n-Octacosane (C28)	16.356	4177310	35.278 ug/ml
17) T n-Tricontane (C30)	17.239	4027869	35.308 ug/ml
18) T n-Dotriacontane (C32)	18.068	3901361	36.417 ug/ml
19) T n-Tetratriacontane (C34)	18.850	3836773	37.974 ug/ml
20) T n-Hexatriacontane (C36)	19.584	3798838	39.758 ug/ml
21) T n-Octatriacontane (C38)	20.283	3709125	40.308 ug/mlm
22) T n-Tetracontane (C40)	21.023	3695214	39.760 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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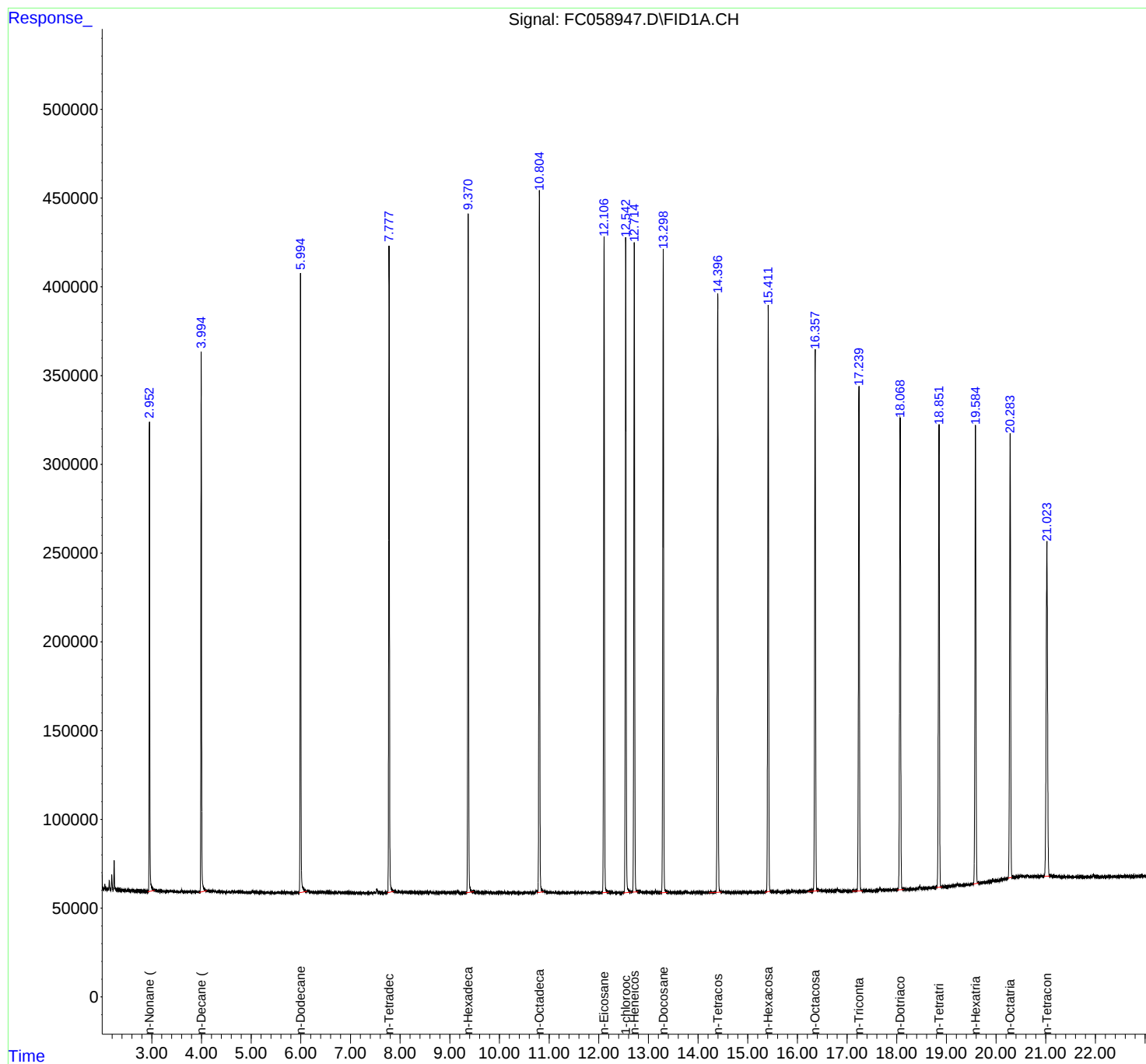
Instrument :
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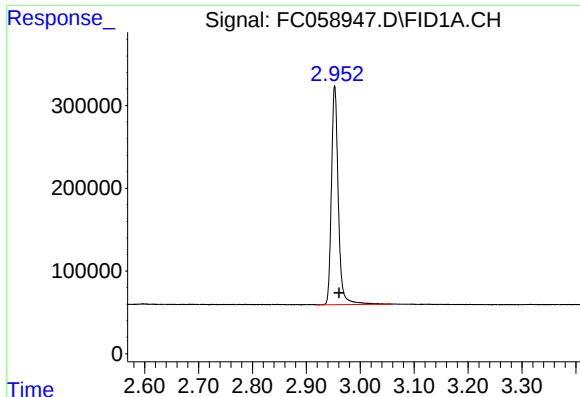
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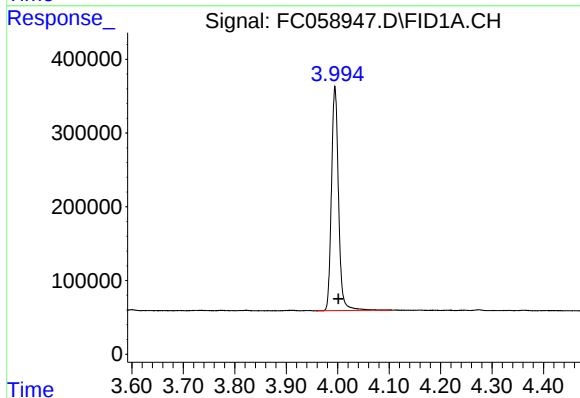
#1 n-Nonane (C9)

R.T.: 2.953 min
Delta R.T.: -0.008 min
Response: 2340705
Conc: 19.10 ug/ml

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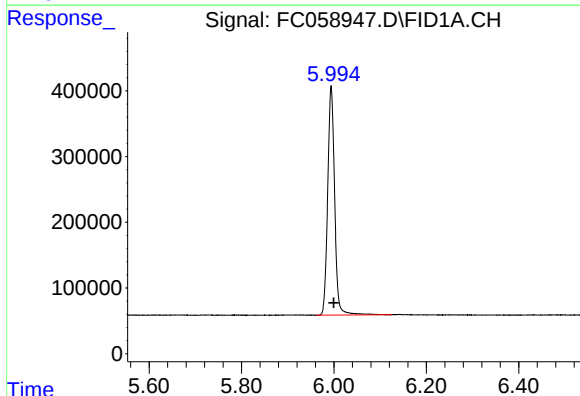
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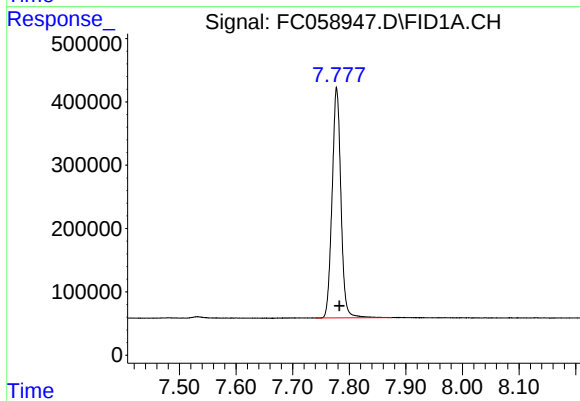
#2 n-Decane (C10)

R.T.: 3.995 min
Delta R.T.: -0.007 min
Response: 2906370
Conc: 23.72 ug/ml



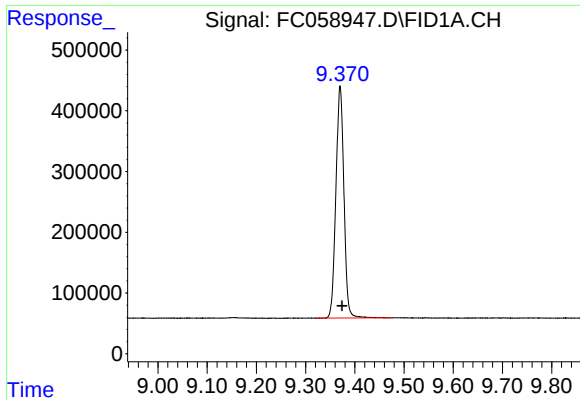
#4 n-Dodecane (C12)

R.T.: 5.994 min
Delta R.T.: -0.006 min
Response: 3631948
Conc: 28.44 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.778 min
Delta R.T.: -0.005 min
Response: 3937480
Conc: 30.28 ug/ml



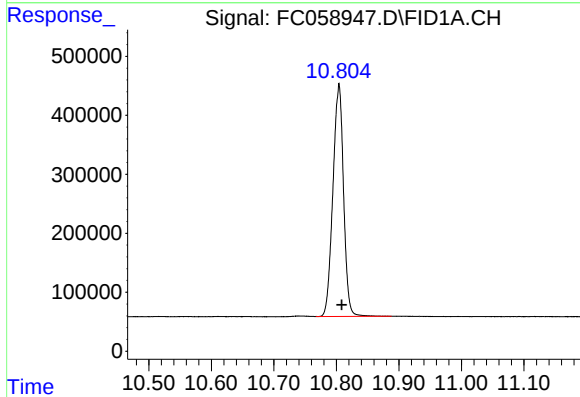
#7 n-Hexadecane (C16)

R.T.: 9.370 min
Delta R.T.: -0.004 min
Response: 4332453
Conc: 32.63 ug/ml

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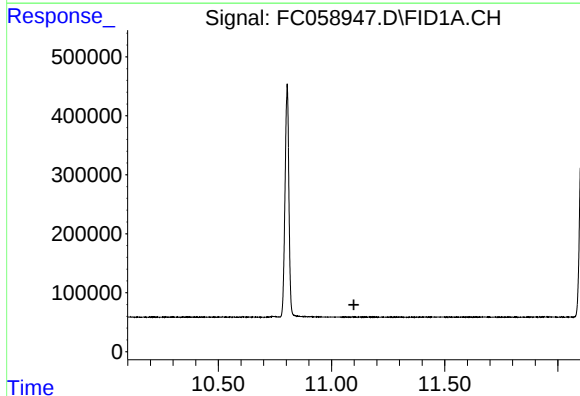
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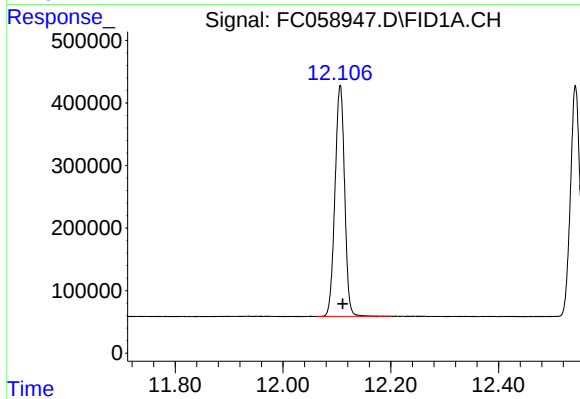
#8 n-Octadecane (C18)

R.T.: 10.804 min
Delta R.T.: -0.005 min
Response: 4665708
Conc: 35.09 ug/ml



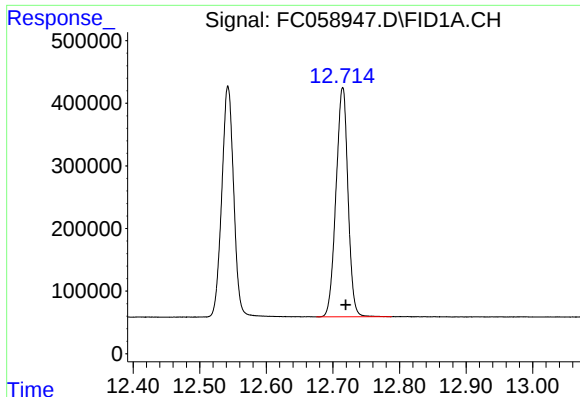
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.106 min
Delta R.T.: -0.005 min
Response: 4583131
Conc: 34.98 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.715 min
Delta R.T.: -0.005 min
Response: 4581265
Conc: 35.11 ug/ml

Instrument :

FID_C

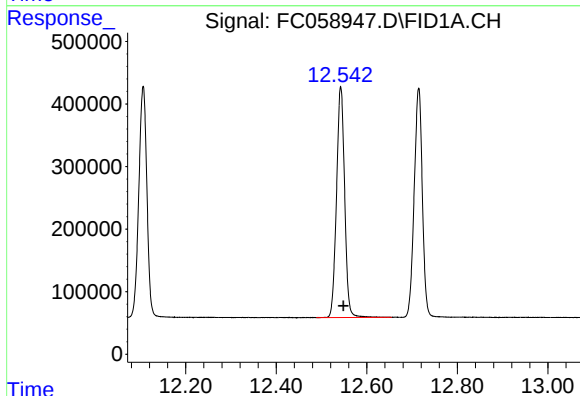
ClientSampleId :

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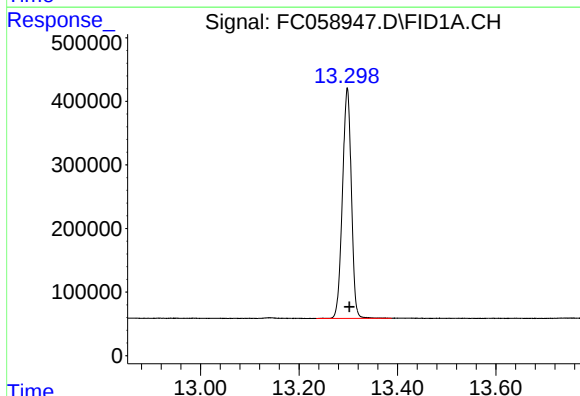
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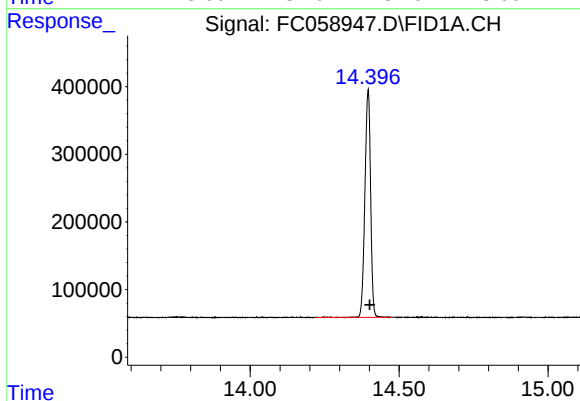
#12 1-chlorooctadecane (SURR)

R.T.: 12.542 min
Delta R.T.: -0.006 min
Response: 4591043
Conc: 40.96 ug/ml



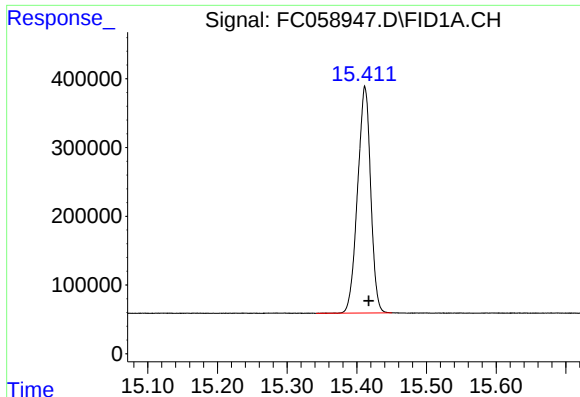
#13 n-Docosane (C22)

R.T.: 13.298 min
Delta R.T.: -0.005 min
Response: 4554317
Conc: 35.16 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.396 min
Delta R.T.: -0.005 min
Response: 4463292
Conc: 35.33 ug/ml



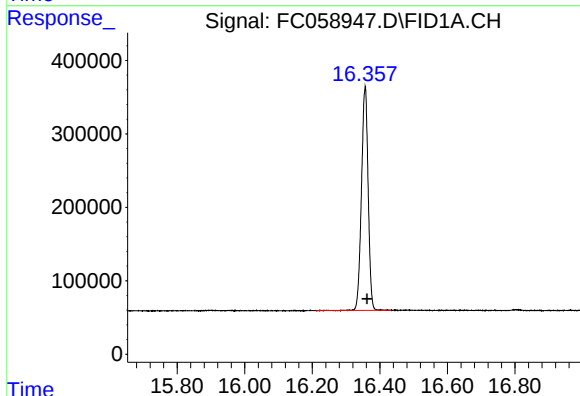
#15 n-Hexacosane (C26)

R.T.: 15.412 min
Delta R.T.: -0.005 min
Response: 4302417
Conc: 35.62 ug/ml

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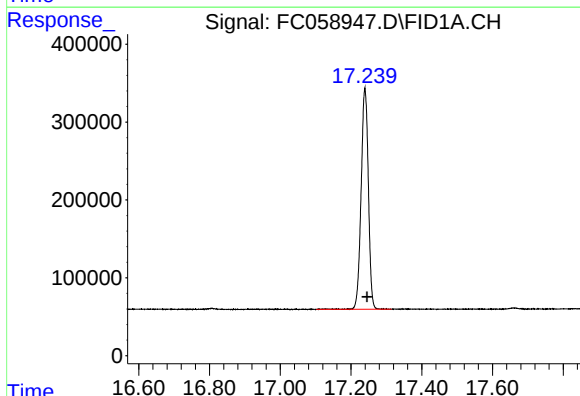
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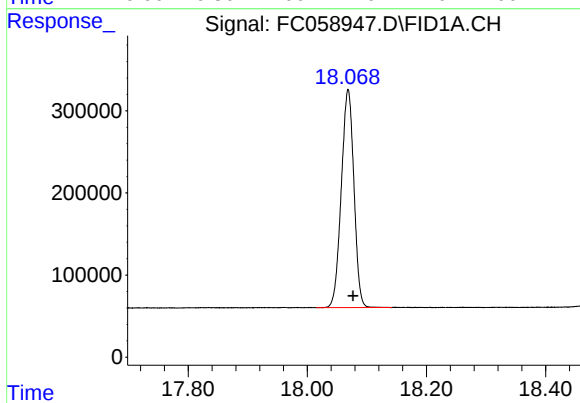
#16 n-Octacosane (C28)

R.T.: 16.356 min
Delta R.T.: -0.006 min
Response: 4177310
Conc: 35.28 ug/ml



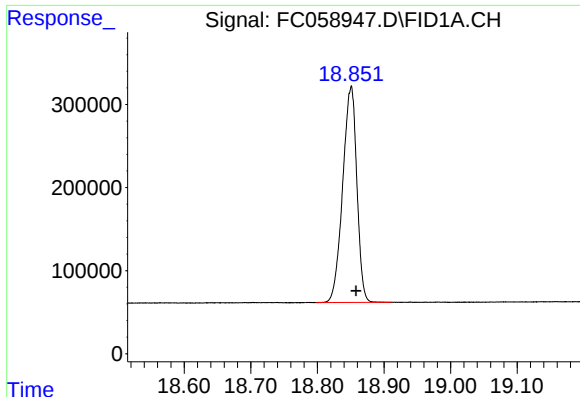
#17 n-Tricontane (C30)

R.T.: 17.239 min
Delta R.T.: -0.007 min
Response: 4027869
Conc: 35.31 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.068 min
Delta R.T.: -0.008 min
Response: 3901361
Conc: 36.42 ug/ml



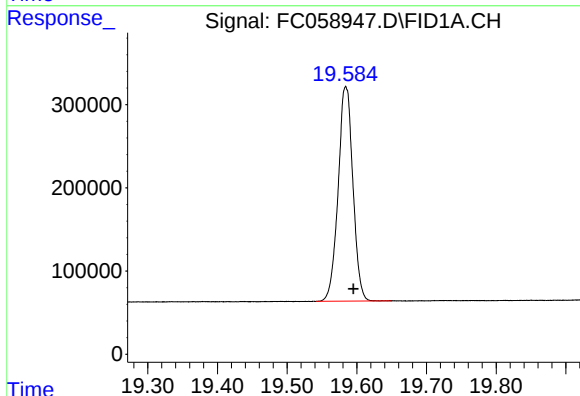
#19 n-Tetratriacontane (C34)

R.T.: 18.850 min
Delta R.T.: -0.008 min
Response: 3836773
Conc: 37.97 ug/ml

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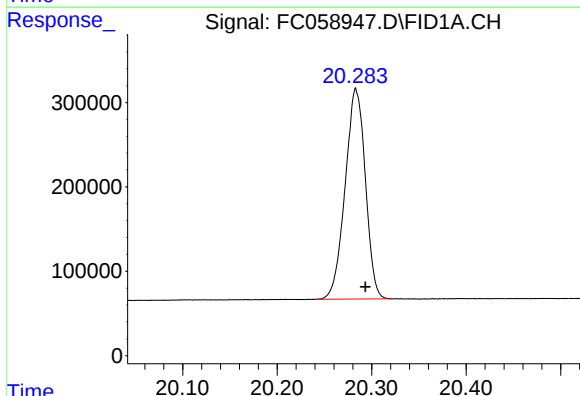
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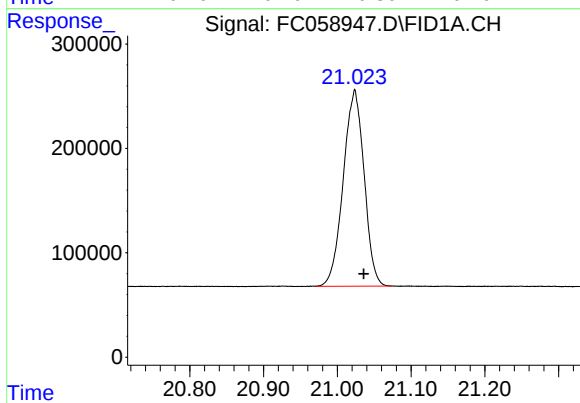
#20 n-Hexatriacontane (C36)

R.T.: 19.584 min
Delta R.T.: -0.011 min
Response: 3798838
Conc: 39.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.283 min
Delta R.T.: -0.010 min
Response: 3709125
Conc: 40.31 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.023 min
Delta R.T.: -0.012 min
Response: 3695214
Conc: 39.76 ug/ml m