

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072920AL\
 Data File : FC048734.D
 Signal(s) : FID1A.CH
 Acq On : 29 Jul 2020 23:07
 Operator : DD\AJ
 Sample : PB130536BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB130536BS

Manual Integrations
 APPROVED

Ankita
 7/30/2020 9:50:26 AM

Integration File: autoint1.e
 Quant Time: Jul 30 02:00:58 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 03:03:00 2020
 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...	13.114	2522867	22.388 ug/ml
Spiked Amount 50.000		Recovery =	44.78%
Target Compounds			
1) T n-Nonane (C9)	3.413	2473171	20.747 ug/ml
2) T n-Decane (C10)	4.487	3083034	25.613 ug/ml
4) T n-Dodecane (C12)	6.514	3680794	30.086 ug/ml
6) T n-Tetradecane (C14)	8.313	3891792	31.593 ug/ml
7) T n-Hexadecane (C16)	9.917	4164890	34.023 ug/ml
8) T n-Octadecane (C18)	11.360	4396258	34.351 ug/ml
10) T n-Eicosane (C20)	12.670	4340036	33.556 ug/ml
11) T n-Heneicosane (C21)	13.282	4246192	32.757 ug/ml
13) T n-Docosane (C22)	13.868	4226656	32.554 ug/ml
14) T n-Tetracosane (C24)	14.971	4151810	31.673 ug/ml
15) T n-Hexacosane (C26)	15.991	3954561	30.412 ug/ml
16) T n-Octacosane (C28)	16.939	3846594	29.438 ug/ml
17) T n-Tricontane (C30)	17.826	3770514	29.329 ug/ml
18) T n-Dotriacontane (C32)	18.657	3629806	30.725 ug/ml
19) T n-Tetratriacontane (C34)	19.440	3403163	30.488 ug/mlm
20) T n-Hexatriacontane (C36)	20.176	2992846	28.456 ug/ml
21) T n-Octatriacontane (C38)	20.931	2877880	29.315 ug/mlm
22) T n-Tetracontane (C40)	21.885	2814691	28.965 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 29 Jul 2020 23:07
Operator : DD\AJ
Sample : PB130536BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

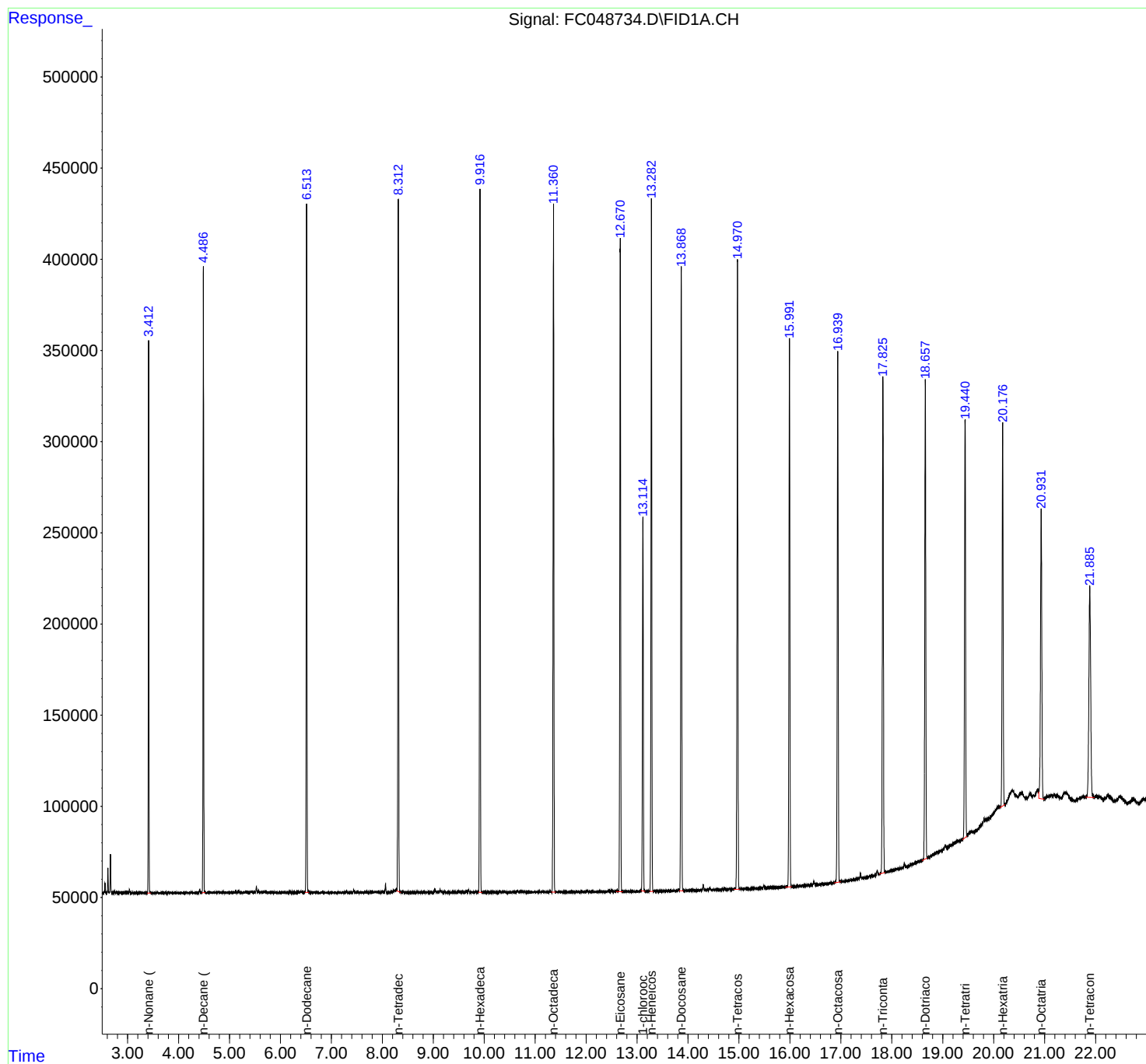
Instrument :
FID_C
ClientSampleId :
PB130536BS

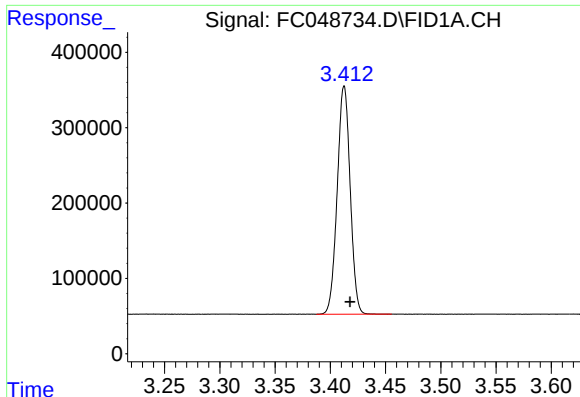
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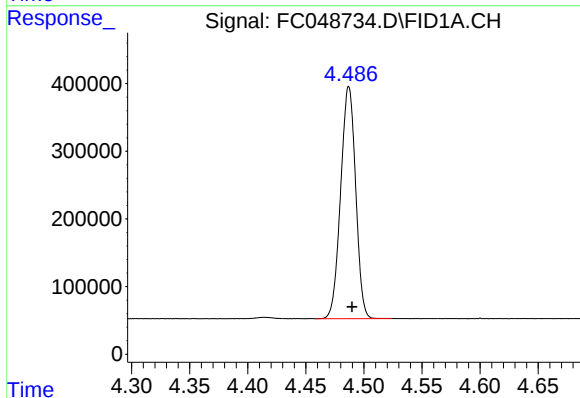
#1 n-Nonane (C9)

R.T.: 3.413 min
Delta R.T.: -0.005 min
Response: 2473171
Conc: 20.75 ug/ml

Instrument :
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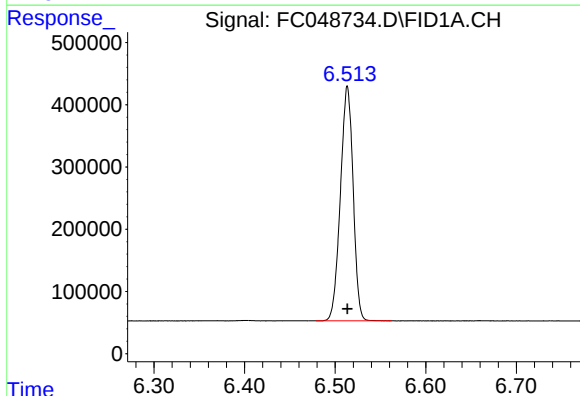
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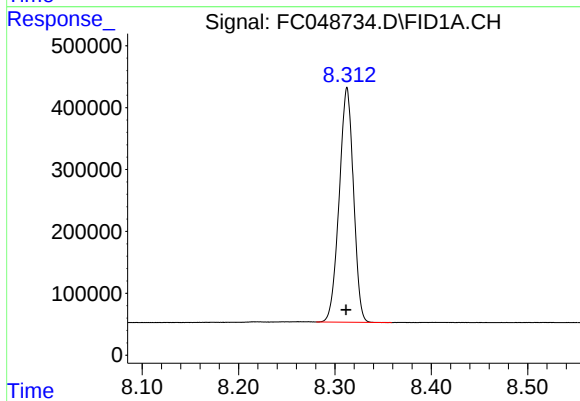
#2 n-Decane (C10)

R.T.: 4.487 min
Delta R.T.: -0.003 min
Response: 3083034
Conc: 25.61 ug/ml



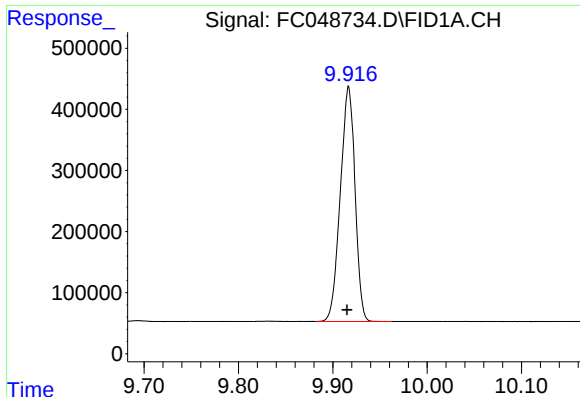
#4 n-Dodecane (C12)

R.T.: 6.514 min
Delta R.T.: 0.000 min
Response: 3680794
Conc: 30.09 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.313 min
Delta R.T.: 0.001 min
Response: 3891792
Conc: 31.59 ug/ml



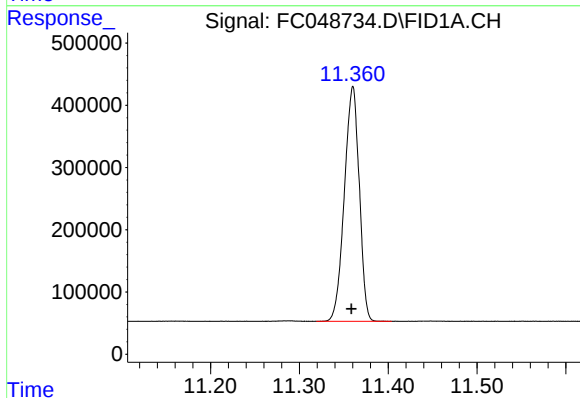
#7 n-Hexadecane (C16)

R.T.: 9.917 min
Delta R.T.: 0.002 min
Response: 4164890
Conc: 34.02 ug/ml

Instrument :
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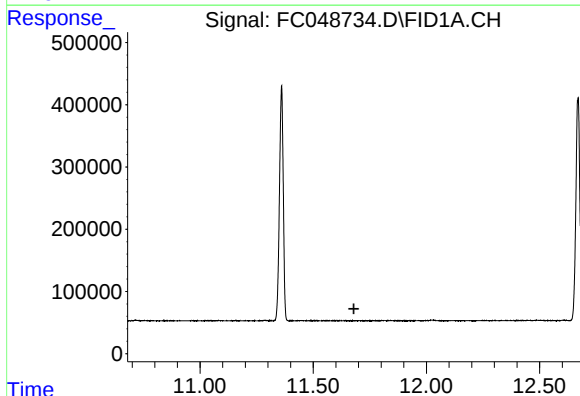
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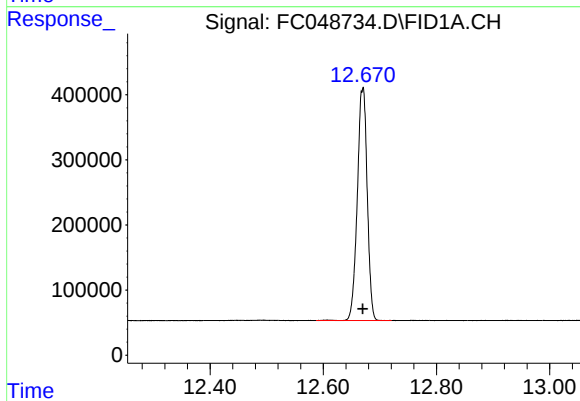
#8 n-Octadecane (C18)

R.T.: 11.360 min
Delta R.T.: 0.002 min
Response: 4396258
Conc: 34.35 ug/ml



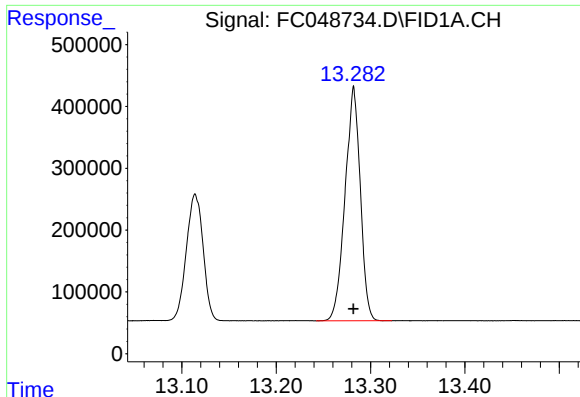
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.680 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.670 min
Delta R.T.: 0.000 min
Response: 4340036
Conc: 33.56 ug/ml



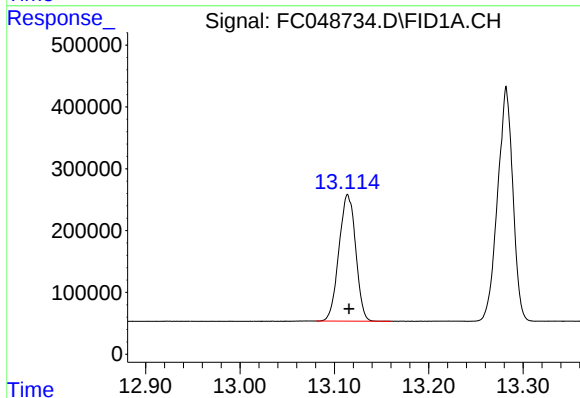
#11 n-Heneicosane (C21)

R.T.: 13.282 min
Delta R.T.: 0.000 min
Response: 4246192
Conc: 32.76 ug/ml

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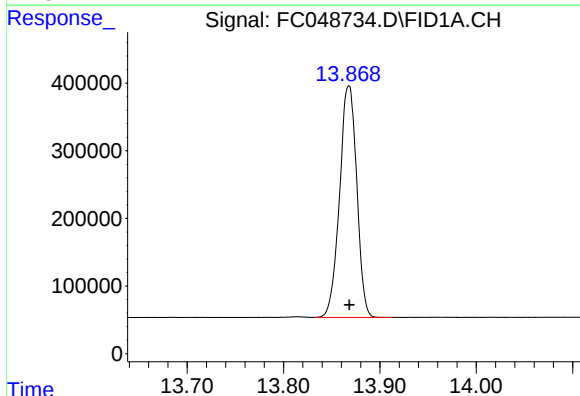
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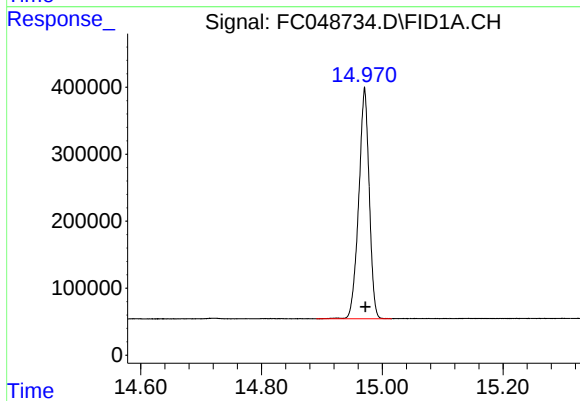
#12 1-chlorooctadecane (SURR)

R.T.: 13.114 min
Delta R.T.: -0.002 min
Response: 2522867
Conc: 22.39 ug/ml



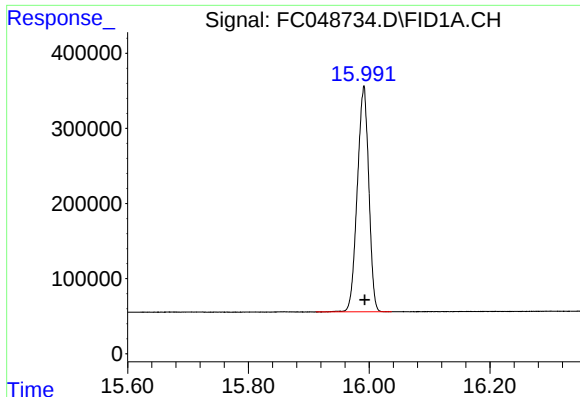
#13 n-Docosane (C22)

R.T.: 13.868 min
Delta R.T.: 0.000 min
Response: 4226656
Conc: 32.55 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.971 min
Delta R.T.: -0.001 min
Response: 4151810
Conc: 31.67 ug/ml



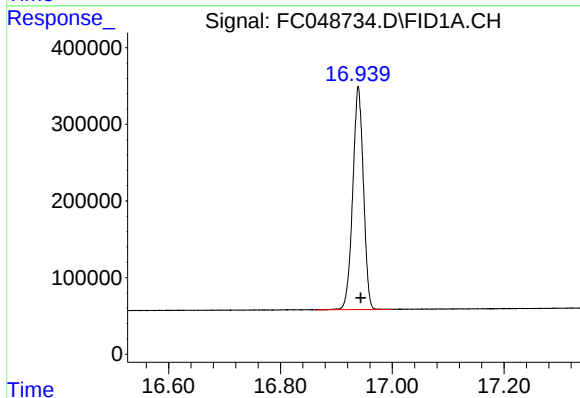
#15 n-Hexacosane (C26)

R.T.: 15.991 min
Delta R.T.: -0.001 min
Response: 3954561
Conc: 30.41 ug/ml

Instrument :
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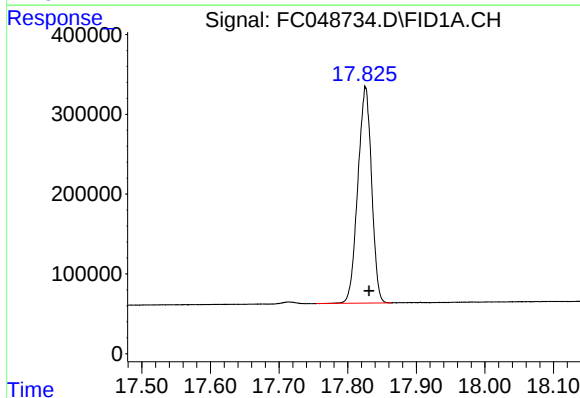
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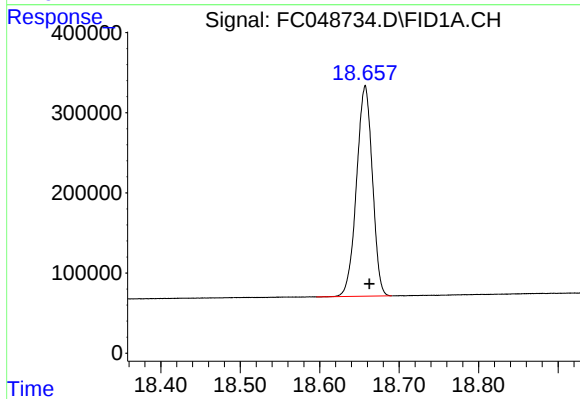
#16 n-Octacosane (C28)

R.T.: 16.939 min
Delta R.T.: -0.004 min
Response: 3846594
Conc: 29.44 ug/ml



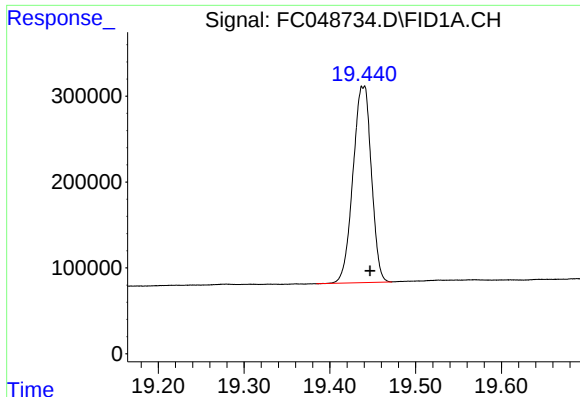
#17 n-Tricontane (C30)

R.T.: 17.826 min
Delta R.T.: -0.005 min
Response: 3770514
Conc: 29.33 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.657 min
Delta R.T.: -0.005 min
Response: 3629806
Conc: 30.72 ug/ml



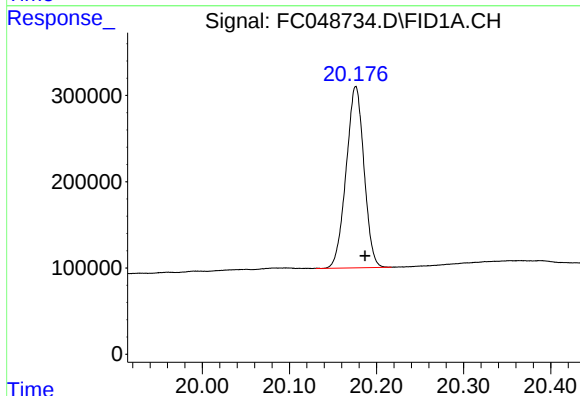
#19 n-Tetratriacontane (C34)

R.T.: 19.440 min
Delta R.T.: -0.006 min
Response: 3403163
Conc: 30.49 ug/ml m

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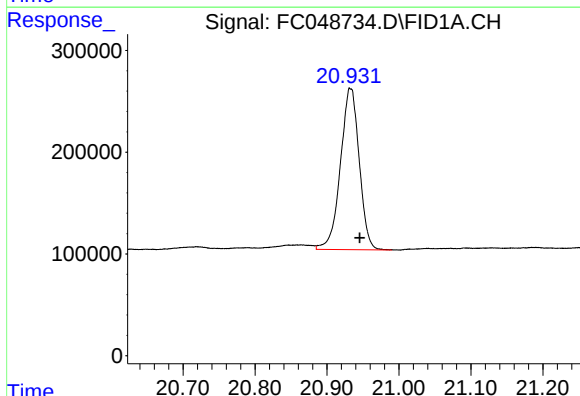
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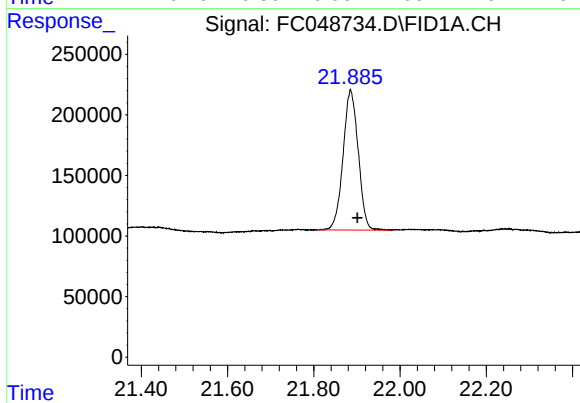
#20 n-Hexatriacontane (C36)

R.T.: 20.176 min
Delta R.T.: -0.011 min
Response: 2992846
Conc: 28.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.931 min
Delta R.T.: -0.015 min
Response: 2877880
Conc: 29.32 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.885 min
Delta R.T.: -0.016 min
Response: 2814691
Conc: 28.96 ug/ml