

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071521AL\
 Data File : FD038216.D
 Signal(s) : FID2B.CH
 Acq On : 15 Jul 2021 14:46
 Operator : AJ\MA
 Sample : M2940-07
 Misc : LOD 4 PPM
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2021

Manual Integrations
 APPROVED

mohammad
 7/16/2021 11:36:24 AM

Integration File: autoint1.e
 Quant Time: Jul 16 04:11:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:58:41 2021
 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...	12.859	5042918	44.232 ug/ml
Spiked Amount 50.000		Recovery =	88.46%
Target Compounds			
1) T n-Nonane (C9)	3.229	481100	3.959 ug/ml
2) T n-Decane (C10)	4.287	486526	3.978 ug/ml
4) T n-Dodecane (C12)	6.294	510530	4.099 ug/ml
6) T n-Tetradecane (C14)	8.080	519545	4.042 ug/ml
7) T n-Hexadecane (C16)	9.674	531753	4.103 ug/ml
8) T n-Octadecane (C18)	11.109	554910	4.120 ug/ml
10) T n-Eicosane (C20)	12.413	514211	3.828 ug/ml
11) T n-Heneicosane (C21)	13.021	507071	3.732 ug/ml
13) T n-Docosane (C22)	13.605	495496	3.683 ug/ml
14) T n-Tetracosane (C24)	14.702	483261	3.579 ug/ml
15) T n-Hexacosane (C26)	15.718	445863	3.384 ug/ml
16) T n-Octacosane (C28)	16.663	420647	3.226 ug/ml
17) T n-Tricontane (C30)	17.546	436276	3.414 ug/ml
18) T n-Dotriacontane (C32)	18.374	443511	3.604 ug/ml
19) T n-Tetratriacontane (C34)	19.154	432859	3.696 ug/ml
20) T n-Hexatriacontane (C36)	19.891	381367	3.492 ug/ml
21) T n-Octatriacontane (C38)	20.596	393851	3.910 ug/mlm
22) T n-Tetracontane (C40)	21.427	431043	4.407 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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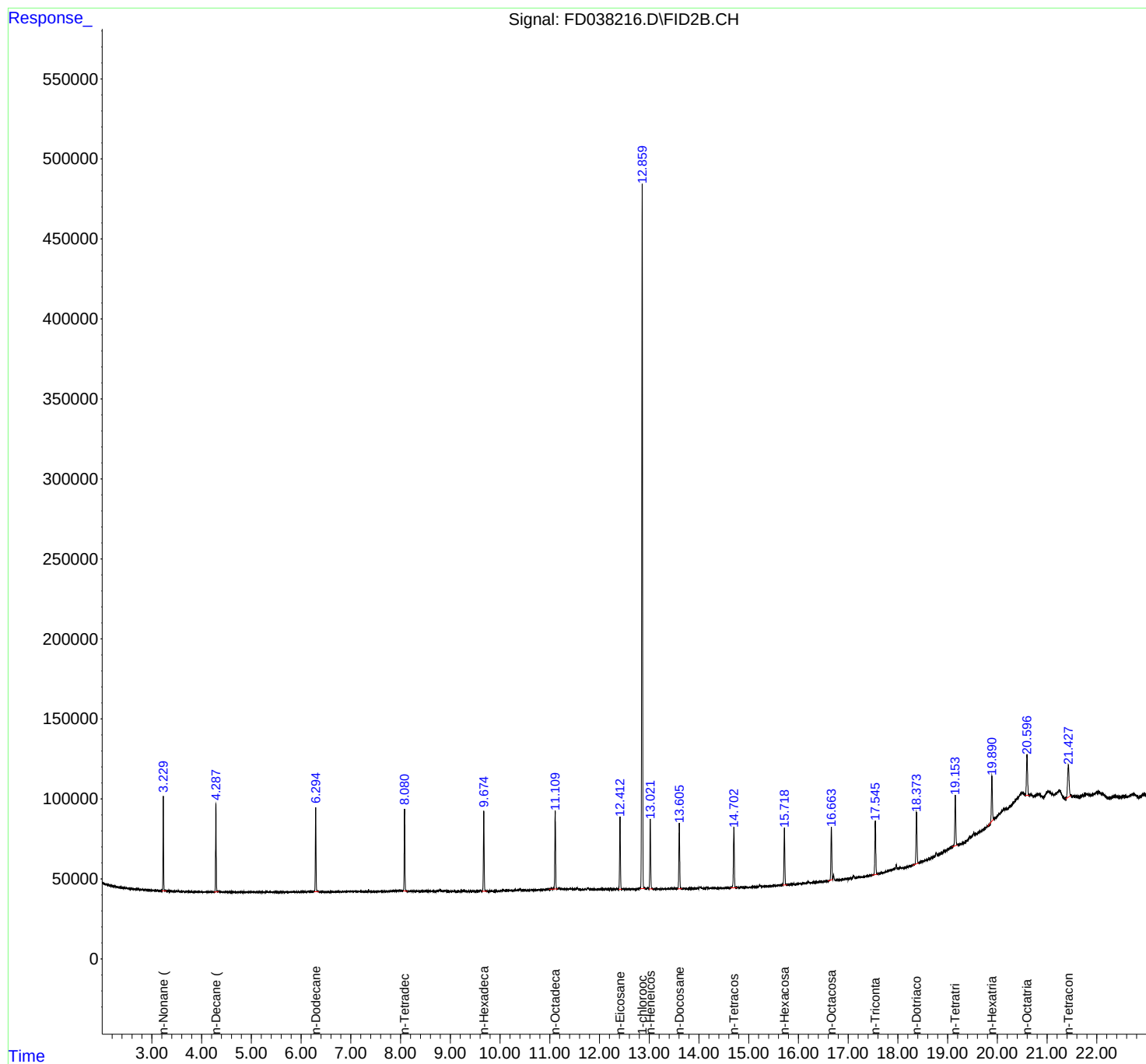
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LOD-MDL-WATER-01-QT3-2021

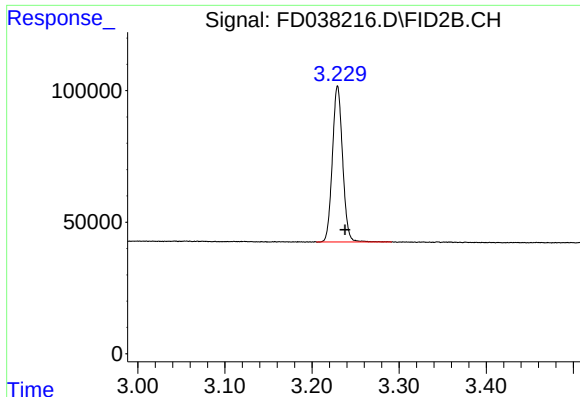
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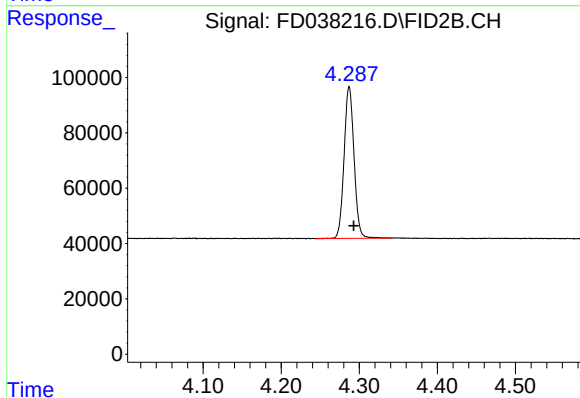
#1 n-Nonane (C9)

R.T.: 3.229 min
Delta R.T.: -0.009 min
Response: 481100
Conc: 3.96 ug/ml

Instrument :
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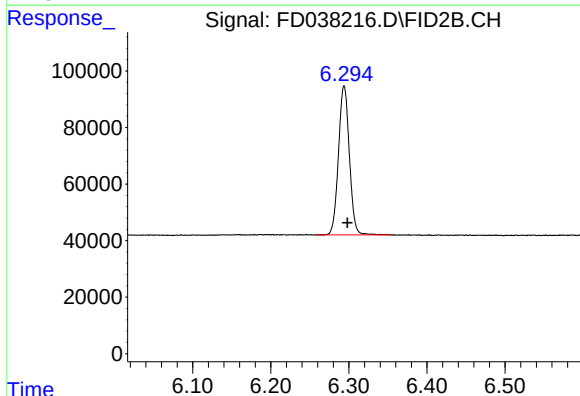
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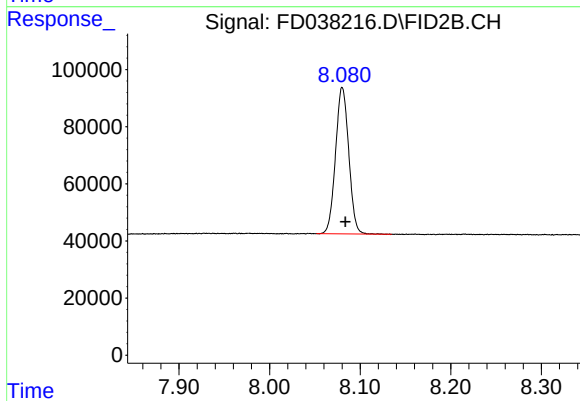
#2 n-Decane (C10)

R.T.: 4.287 min
Delta R.T.: -0.006 min
Response: 486526
Conc: 3.98 ug/ml



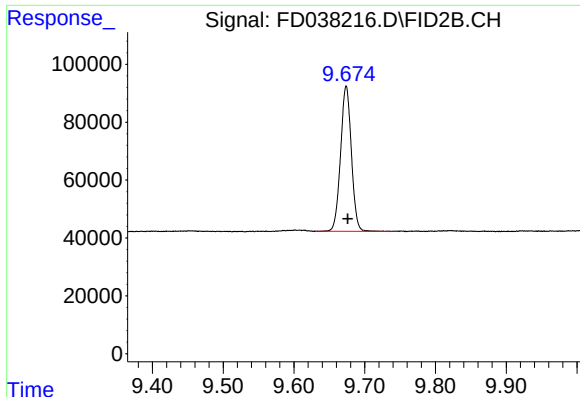
#4 n-Dodecane (C12)

R.T.: 6.294 min
Delta R.T.: -0.004 min
Response: 510530
Conc: 4.10 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.080 min
Delta R.T.: -0.003 min
Response: 519545
Conc: 4.04 ug/ml



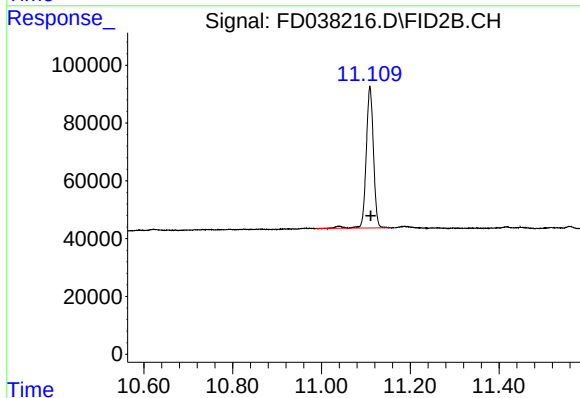
#7 n-Hexadecane (C16)

R.T.: 9.674 min
Delta R.T.: -0.002 min
Response: 531753
Conc: 4.10 ug/ml

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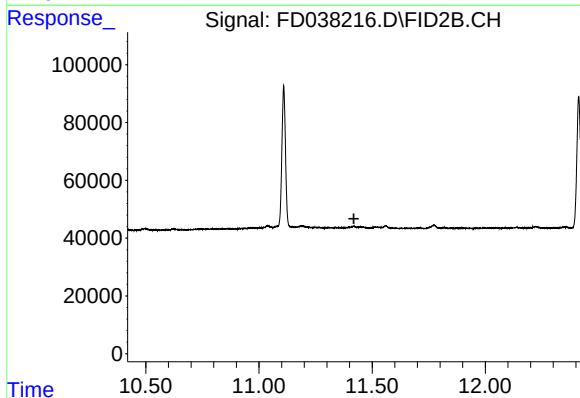
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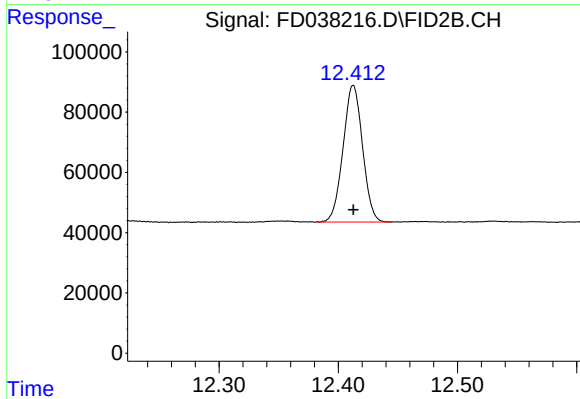
#8 n-Octadecane (C18)

R.T.: 11.109 min
Delta R.T.: -0.002 min
Response: 554910
Conc: 4.12 ug/ml



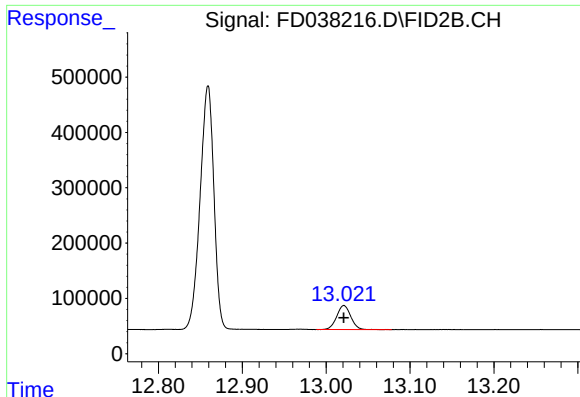
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.420 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.413 min
Delta R.T.: 0.000 min
Response: 514211
Conc: 3.83 ug/ml



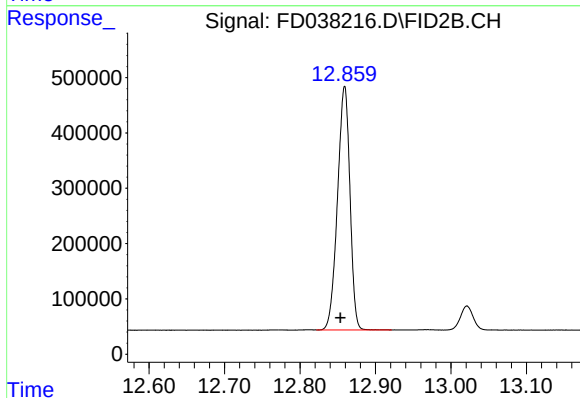
#11 n-Heneicosane (C21)

R.T.: 13.021 min
Delta R.T.: 0.000 min
Response: 507071
Conc: 3.73 ug/ml

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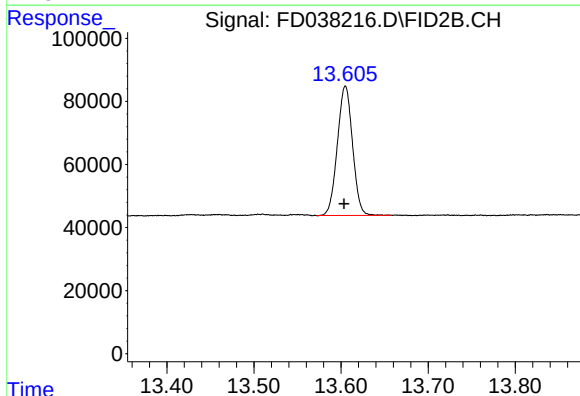
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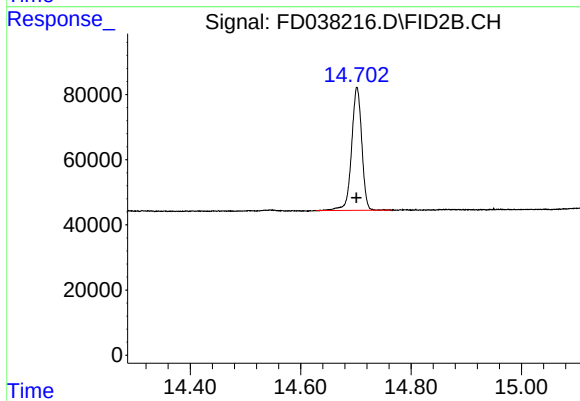
#12 1-chlorooctadecane (SURR)

R.T.: 12.859 min
Delta R.T.: 0.005 min
Response: 5042918
Conc: 44.23 ug/ml



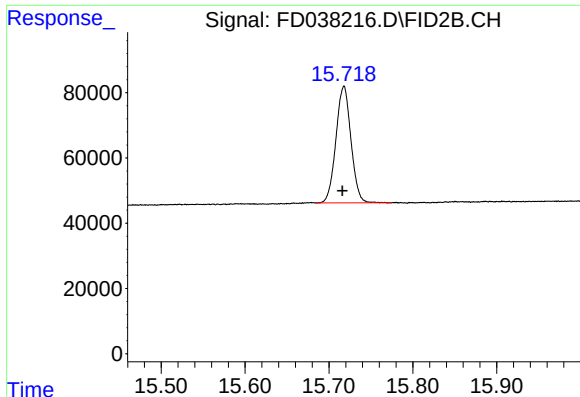
#13 n-Docosane (C22)

R.T.: 13.605 min
Delta R.T.: 0.001 min
Response: 495496
Conc: 3.68 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.702 min
Delta R.T.: 0.001 min
Response: 483261
Conc: 3.58 ug/ml



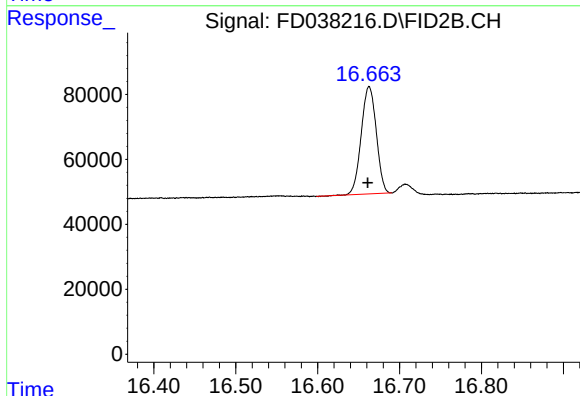
#15 n-Hexacosane (C26)

R.T.: 15.718 min
Delta R.T.: 0.001 min
Response: 445863
Conc: 3.38 ug/ml

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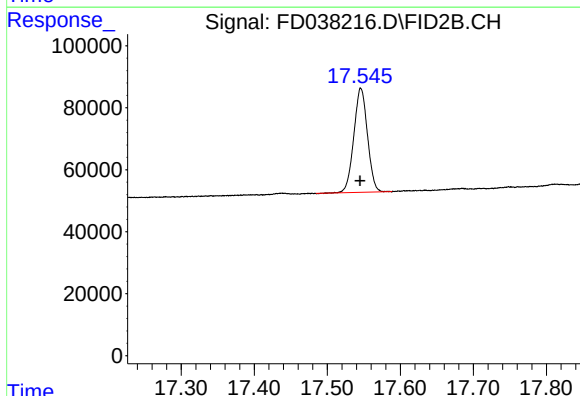
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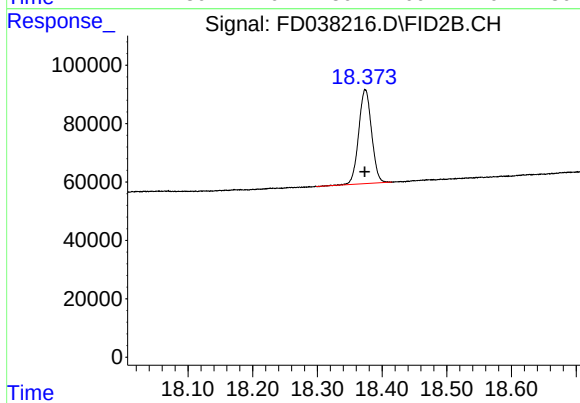
#16 n-Octacosane (C28)

R.T.: 16.663 min
Delta R.T.: 0.002 min
Response: 420647
Conc: 3.23 ug/ml



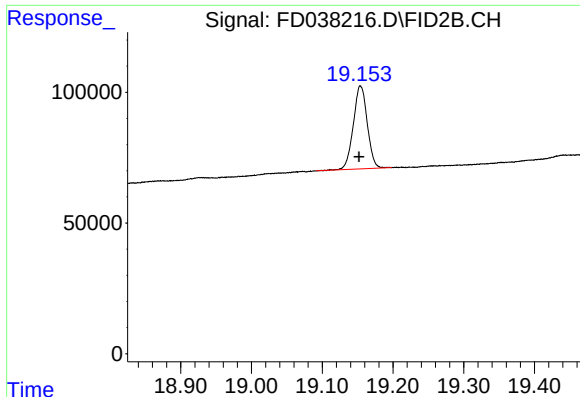
#17 n-Tricontane (C30)

R.T.: 17.546 min
Delta R.T.: 0.001 min
Response: 436276
Conc: 3.41 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.374 min
Delta R.T.: 0.000 min
Response: 443511
Conc: 3.60 ug/ml



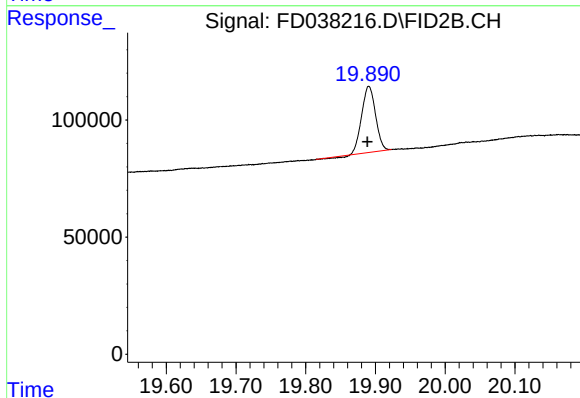
#19 n-Tetratriacontane (C34)

R.T.: 19.154 min
Delta R.T.: 0.002 min
Response: 432859
Conc: 3.70 ug/ml

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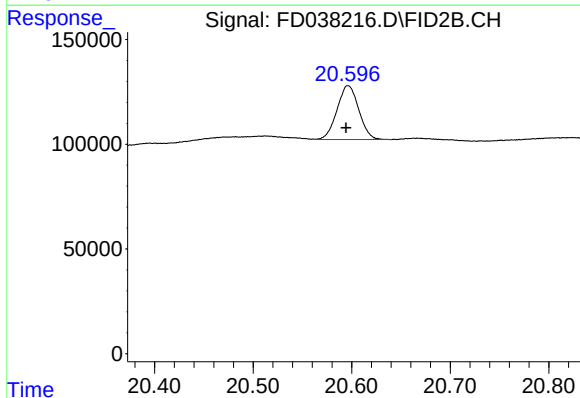
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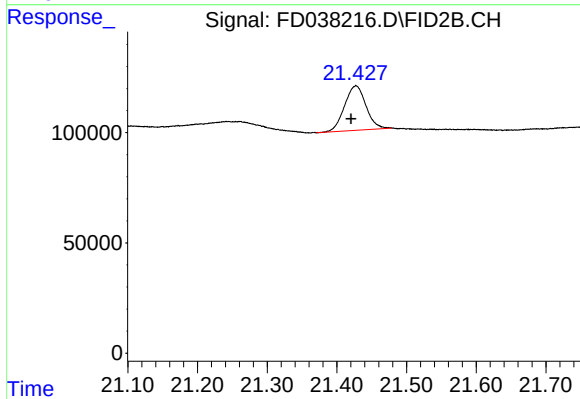
#20 n-Hexatriacontane (C36)

R.T.: 19.891 min
Delta R.T.: 0.002 min
Response: 381367
Conc: 3.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.596 min
Delta R.T.: 0.002 min
Response: 393851
Conc: 3.91 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.427 min
Delta R.T.: 0.006 min
Response: 431043
Conc: 4.41 ug/ml m