

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071521AL\
 Data File : FD038213.D
 Signal(s) : FID2B.CH
 Acq On : 15 Jul 2021 12:35
 Operator : AJ\MA
 Sample : M2940-02
 Misc : LOQ 5 PPM
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

Manual Integrations
 APPROVED

mohammad
 7/16/2021 11:36:19 AM

Integration File: autoint1.e
 Quant Time: Jul 16 04:10:58 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...	12.860	5356798	46.985 ug/ml
Spiked Amount 50.000		Recovery =	93.97%
Target Compounds			
1) T n-Nonane (C9)	3.233	690381	5.681 ug/ml
2) T n-Decane (C10)	4.289	694348	5.677 ug/ml
4) T n-Dodecane (C12)	6.295	724416	5.816 ug/ml
6) T n-Tetradecane (C14)	8.082	742612	5.778 ug/ml
7) T n-Hexadecane (C16)	9.675	739900	5.710 ug/ml
8) T n-Octadecane (C18)	11.111	765573	5.685 ug/ml
10) T n-Eicosane (C20)	12.414	715530	5.327 ug/ml
11) T n-Heneicosane (C21)	13.024	706398	5.199 ug/ml
13) T n-Docosane (C22)	13.607	693544	5.155 ug/ml
14) T n-Tetracosane (C24)	14.704	661886	4.902 ug/ml
15) T n-Hexacosane (C26)	15.720	623446	4.732 ug/ml
16) T n-Octacosane (C28)	16.666	583520	4.475 ug/ml
17) T n-Tricontane (C30)	17.549	594446	4.652 ug/ml
18) T n-Dotriacontane (C32)	18.377	597240	4.854 ug/ml
19) T n-Tetratriacontane (C34)	19.158	571086	4.877 ug/ml
20) T n-Hexatriacontane (C36)	19.894	593532	5.435 ug/mlm
21) T n-Octatriacontane (C38)	20.601	577739	5.736 ug/mlm
22) T n-Tetracontane (C40)	21.431	620852	6.348 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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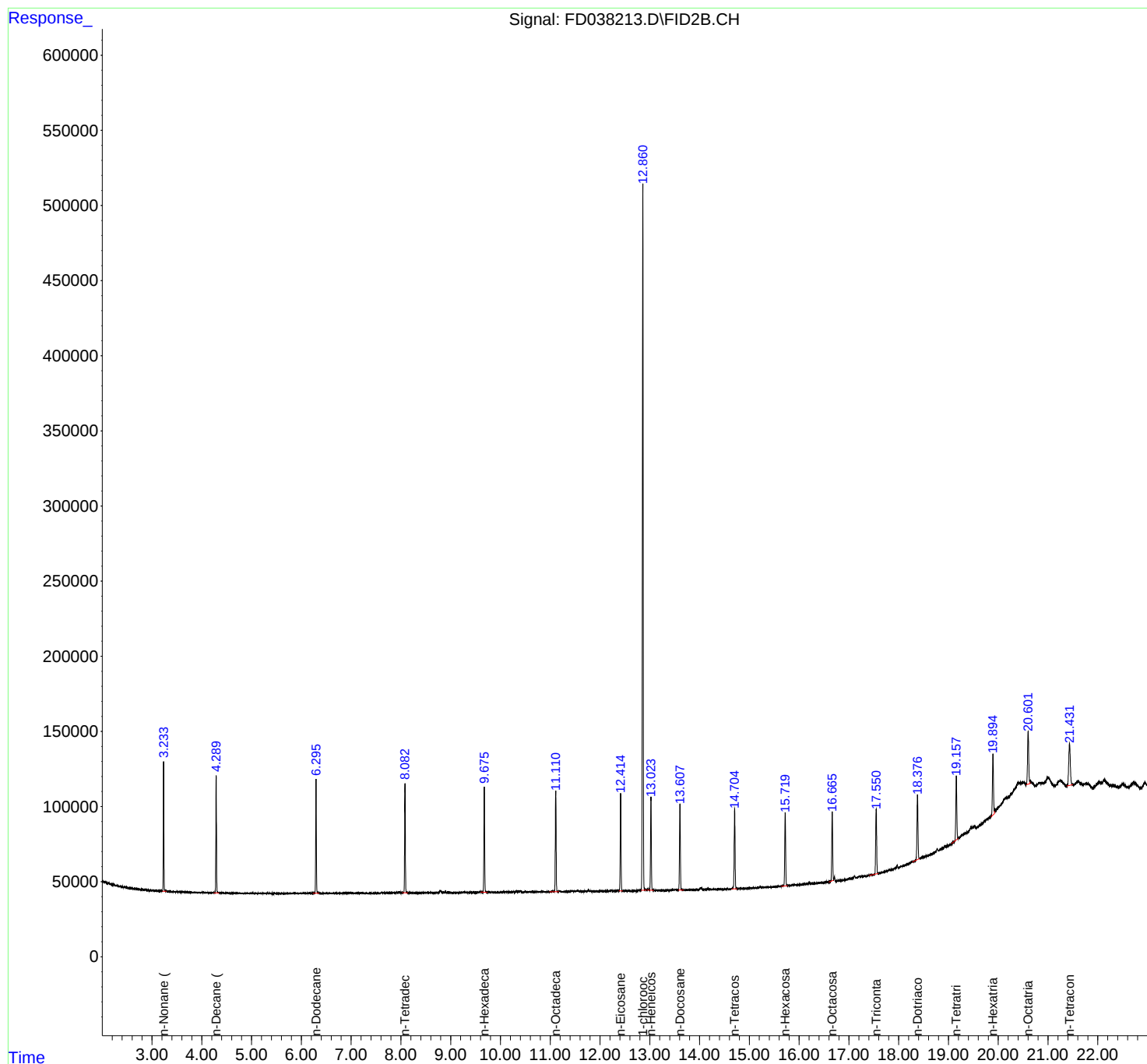
Instrument :
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LOQ-SOIL-02-QT3-2021

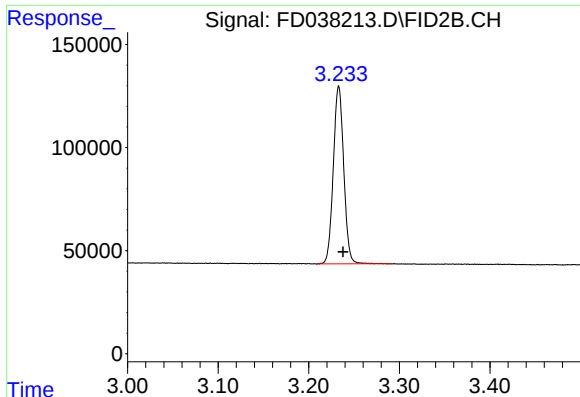
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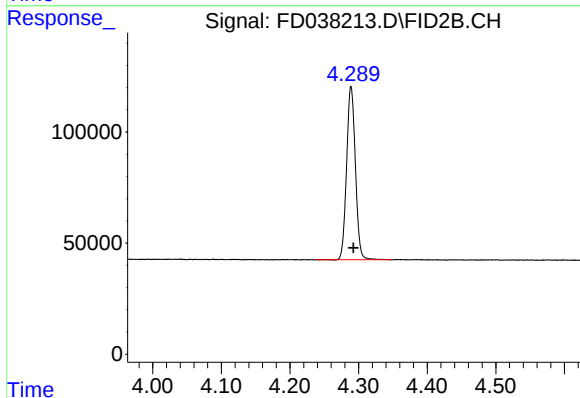
#1 n-Nonane (C9)

R.T.: 3.233 min
Delta R.T.: -0.005 min
Response: 690381
Conc: 5.68 ug/ml

Instrument :
FID_D
ClientSampleId :
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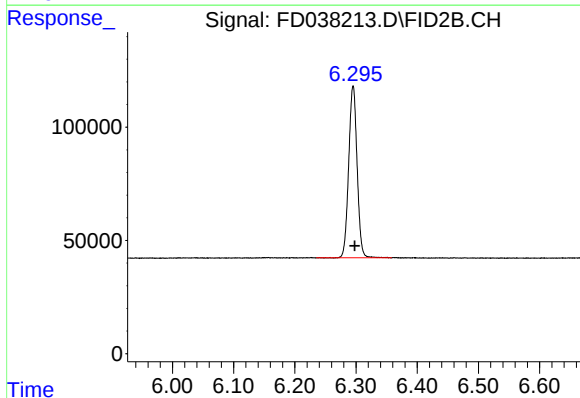
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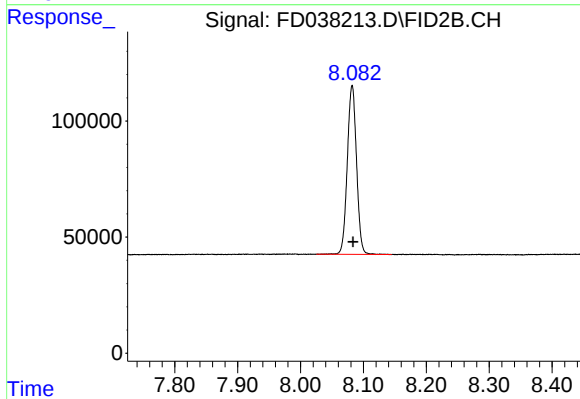
#2 n-Decane (C10)

R.T.: 4.289 min
Delta R.T.: -0.004 min
Response: 694348
Conc: 5.68 ug/ml



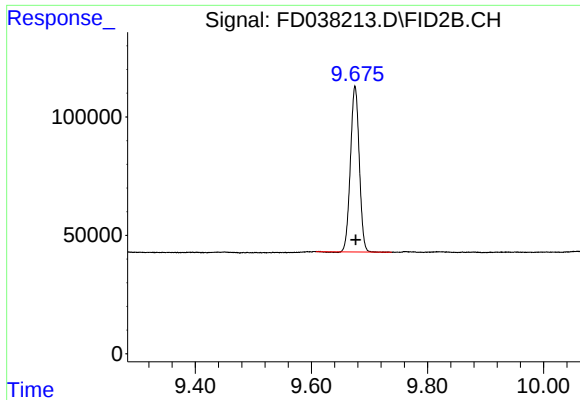
#4 n-Dodecane (C12)

R.T.: 6.295 min
Delta R.T.: -0.003 min
Response: 724416
Conc: 5.82 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.082 min
Delta R.T.: -0.002 min
Response: 742612
Conc: 5.78 ug/ml



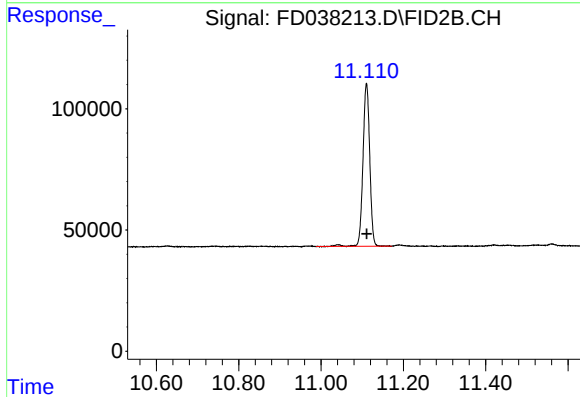
#7 n-Hexadecane (C16)

R.T.: 9.675 min
Delta R.T.: 0.000 min
Response: 739900
Conc: 5.71 ug/ml

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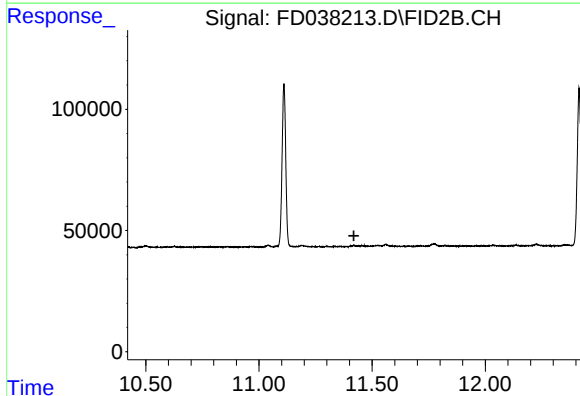
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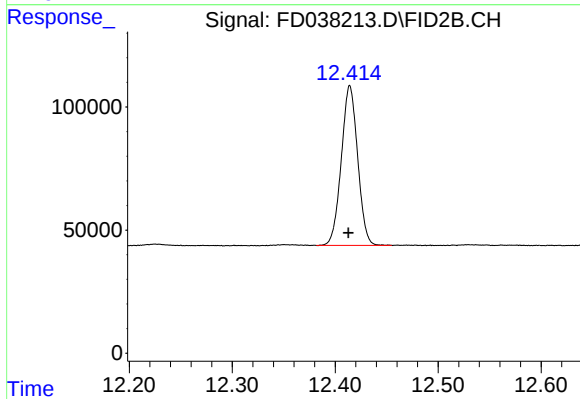
#8 n-Octadecane (C18)

R.T.: 11.111 min
Delta R.T.: 0.000 min
Response: 765573
Conc: 5.68 ug/ml



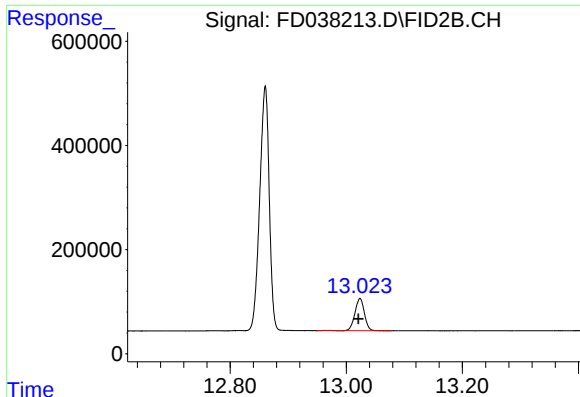
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.414 min
Delta R.T.: 0.002 min
Response: 715530
Conc: 5.33 ug/ml



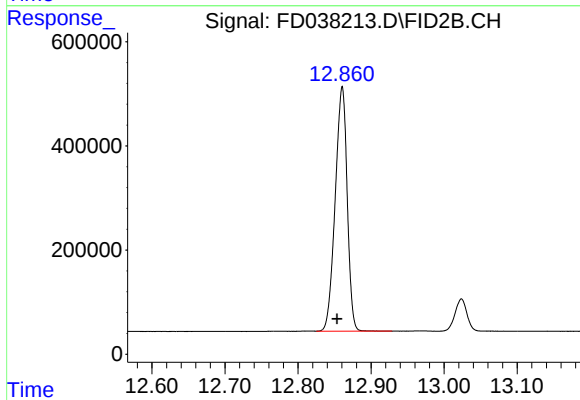
#11 n-Heneicosane (C21)

R.T.: 13.024 min
Delta R.T.: 0.003 min
Response: 706398
Conc: 5.20 ug/ml

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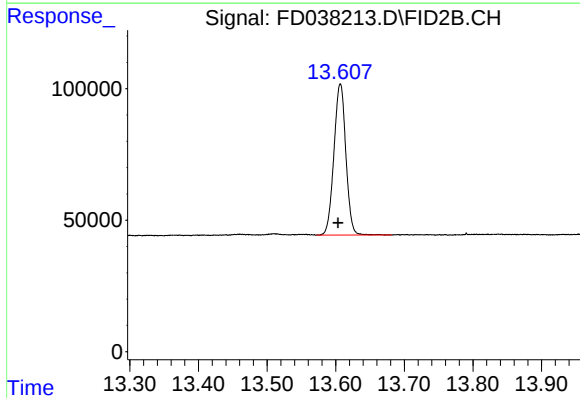
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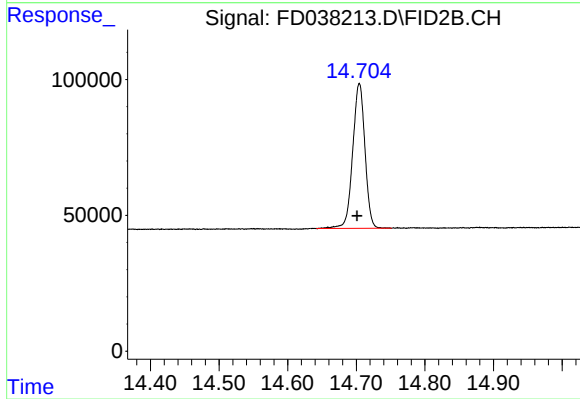
#12 1-chlorooctadecane (SURR)

R.T.: 12.860 min
Delta R.T.: 0.007 min
Response: 5356798
Conc: 46.99 ug/ml



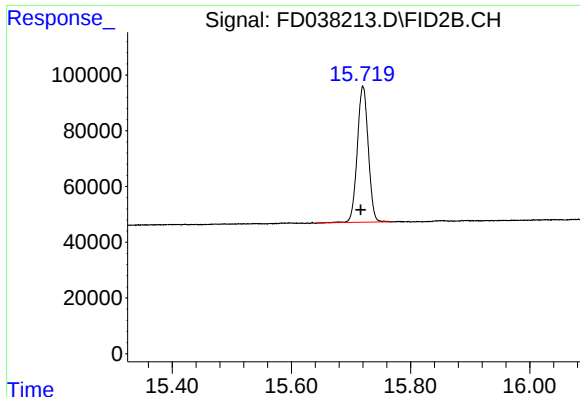
#13 n-Docosane (C22)

R.T.: 13.607 min
Delta R.T.: 0.003 min
Response: 693544
Conc: 5.15 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.704 min
Delta R.T.: 0.003 min
Response: 661886
Conc: 4.90 ug/ml



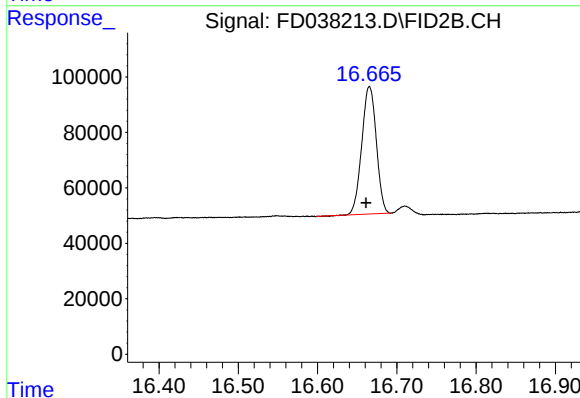
#15 n-Hexacosane (C26)

R.T.: 15.720 min
Delta R.T.: 0.004 min
Response: 623446
Conc: 4.73 ug/ml

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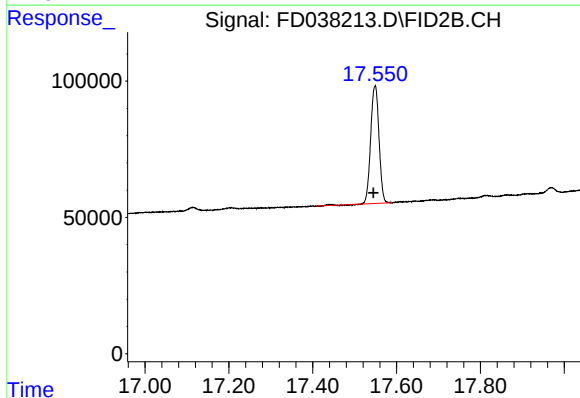
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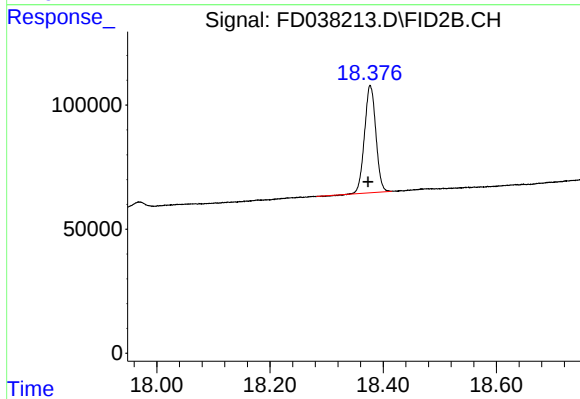
#16 n-Octacosane (C28)

R.T.: 16.666 min
Delta R.T.: 0.004 min
Response: 583520
Conc: 4.48 ug/ml



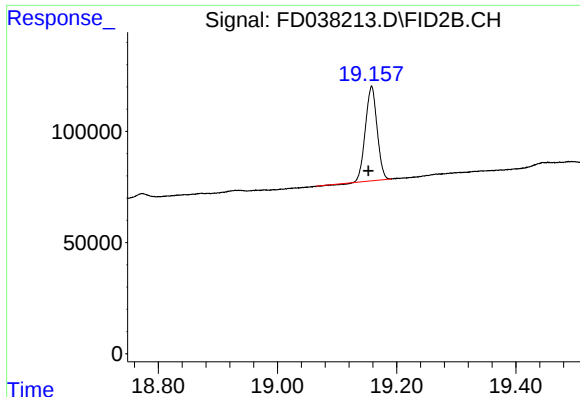
#17 n-Tricontane (C30)

R.T.: 17.549 min
Delta R.T.: 0.004 min
Response: 594446
Conc: 4.65 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.377 min
Delta R.T.: 0.004 min
Response: 597240
Conc: 4.85 ug/ml



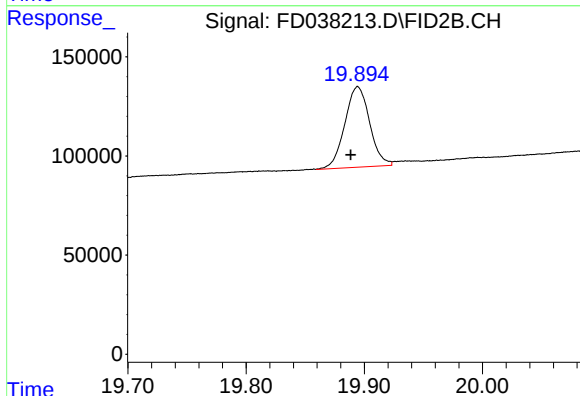
#19 n-Tetratriacontane (C34)

R.T.: 19.158 min
Delta R.T.: 0.006 min
Response: 571086
Conc: 4.88 ug/ml

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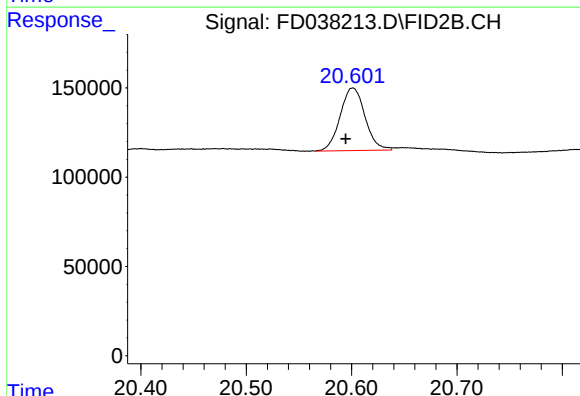
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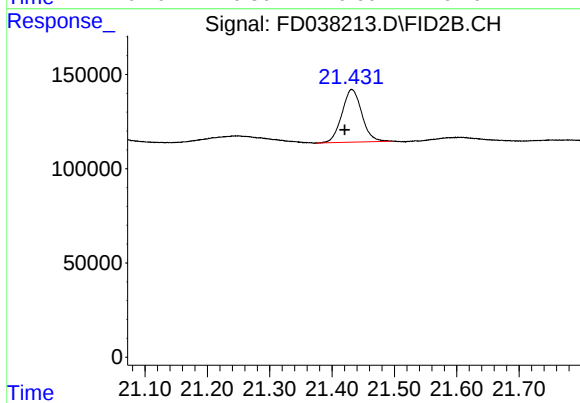
#20 n-Hexatriacontane (C36)

R.T.: 19.894 min
Delta R.T.: 0.005 min
Response: 593532
Conc: 5.43 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.601 min
Delta R.T.: 0.007 min
Response: 577739
Conc: 5.74 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.431 min
Delta R.T.: 0.011 min
Response: 620852
Conc: 6.35 ug/ml m