

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071521AL\
 Data File : FD038212.D
 Signal(s) : FID2B.CH
 Acq On : 15 Jul 2021 11:53
 Operator : AJ\MA
 Sample : M2940-01
 Misc : LOD 4 PPM
 ALS Vial : 55 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Jul 16 04:10:48 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...	12.861	5060884	44.390 ug/ml
Spiked Amount 50.000		Recovery =	88.78%
Target Compounds			
1) T n-Nonane (C9)	3.232	488039	4.016 ug/ml
2) T n-Decane (C10)	4.289	489030	3.998 ug/ml
4) T n-Dodecane (C12)	6.296	511893	4.110 ug/ml
6) T n-Tetradecane (C14)	8.083	524271	4.079 ug/ml
7) T n-Hexadecane (C16)	9.676	527411	4.070 ug/ml
8) T n-Octadecane (C18)	11.111	538487	3.998 ug/ml
10) T n-Eicosane (C20)	12.415	509972	3.797 ug/ml
11) T n-Heneicosane (C21)	13.024	498456	3.669 ug/ml
13) T n-Docosane (C22)	13.608	491510	3.653 ug/ml
14) T n-Tetracosane (C24)	14.705	480425	3.558 ug/ml
15) T n-Hexacosane (C26)	15.721	444301	3.372 ug/ml
16) T n-Octacosane (C28)	16.666	430935	3.305 ug/mlm
17) T n-Tricontane (C30)	17.549	428193	3.351 ug/ml
18) T n-Dotriacontane (C32)	18.379	493589	4.011 ug/ml
19) T n-Tetratriacontane (C34)	19.158	426288	3.640 ug/ml
20) T n-Hexatriacontane (C36)	19.895	423807	3.881 ug/ml
21) T n-Octatriacontane (C38)	20.599	455662	4.524 ug/mlm
22) T n-Tetracontane (C40)	21.436	657828	6.726 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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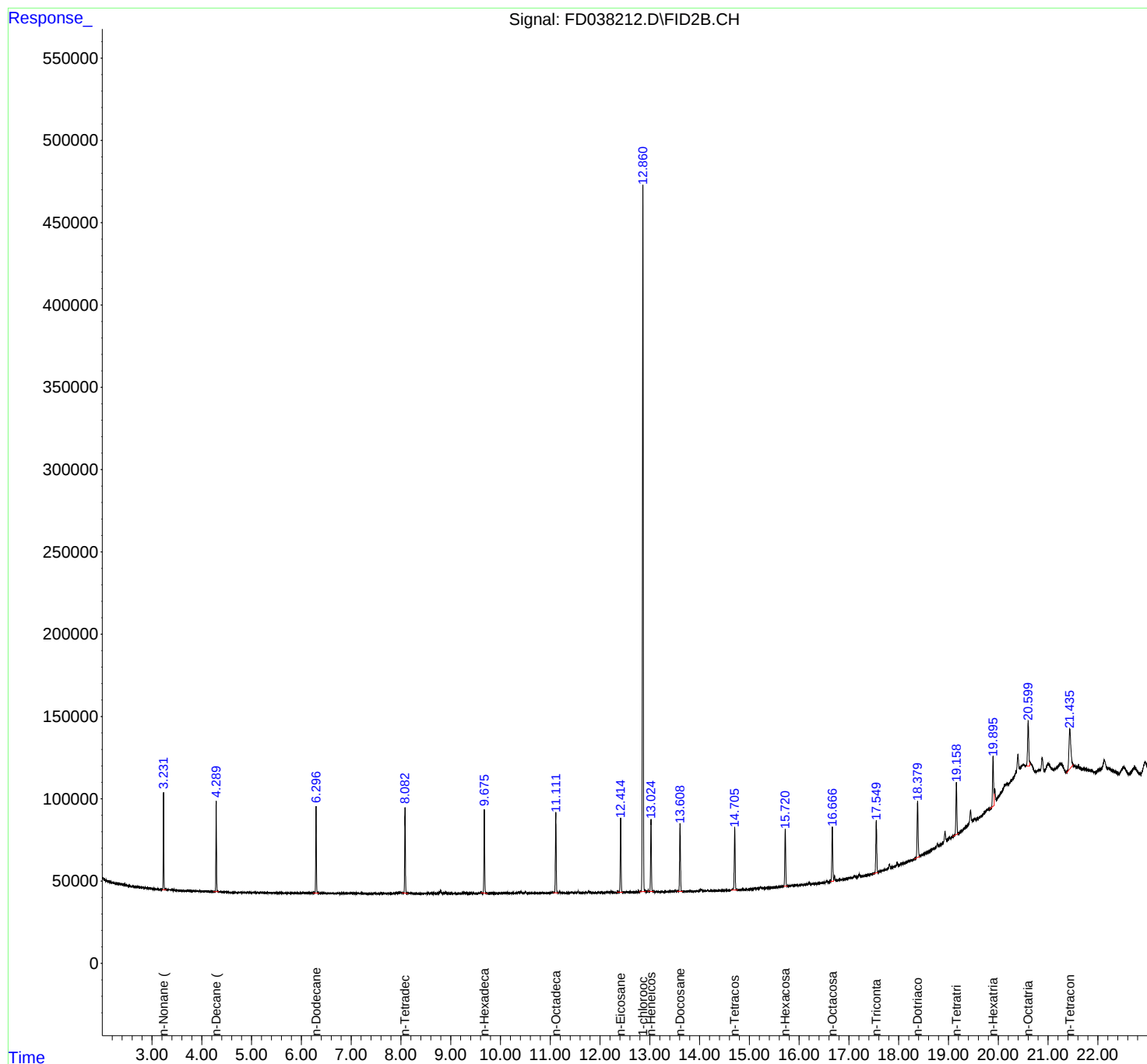
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LOD-MDL-SOIL-01-QT3-2021

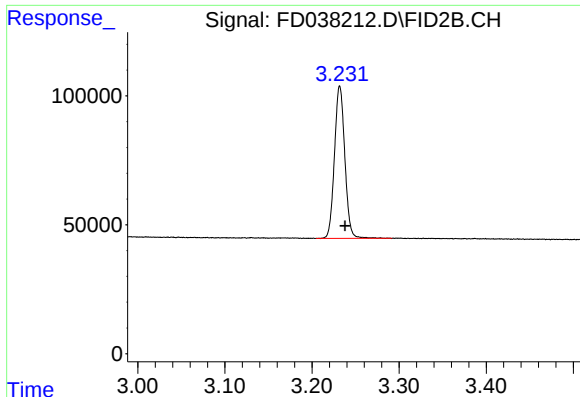
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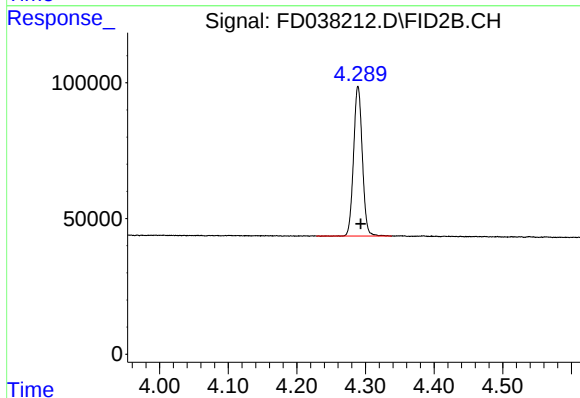
#1 n-Nonane (C9)

R.T.: 3.232 min
Delta R.T.: -0.006 min
Response: 488039
Conc: 4.02 ug/ml

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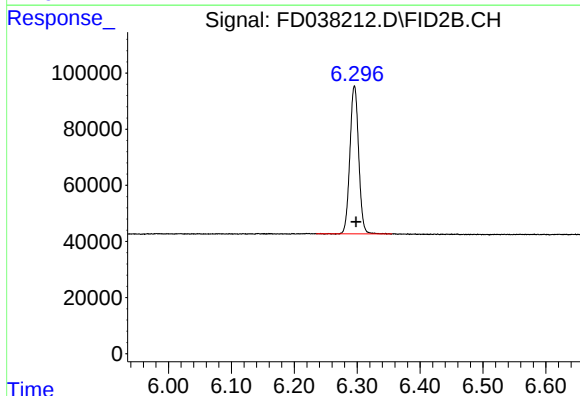
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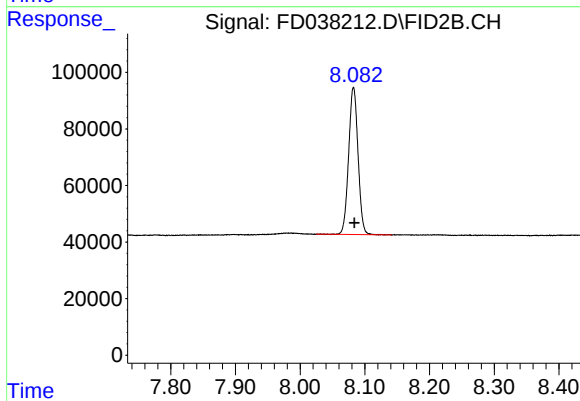
#2 n-Decane (C10)

R.T.: 4.289 min
Delta R.T.: -0.004 min
Response: 489030
Conc: 4.00 ug/ml



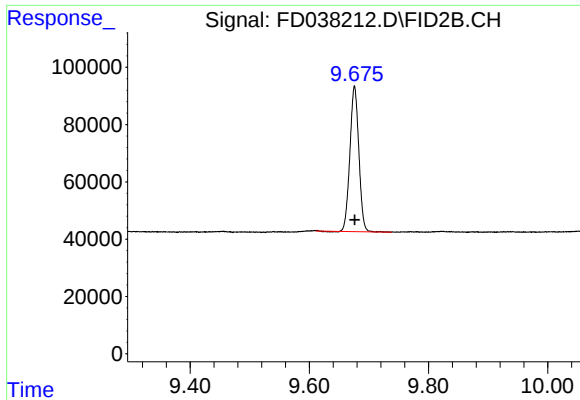
#4 n-Dodecane (C12)

R.T.: 6.296 min
Delta R.T.: -0.002 min
Response: 511893
Conc: 4.11 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.083 min
Delta R.T.: -0.001 min
Response: 524271
Conc: 4.08 ug/ml



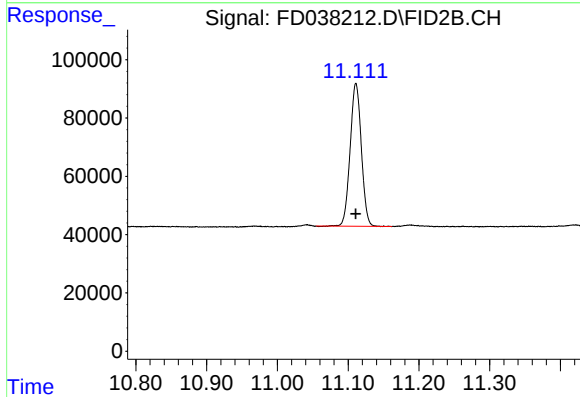
#7 n-Hexadecane (C16)

R.T.: 9.676 min
Delta R.T.: 0.000 min
Response: 527411
Conc: 4.07 ug/ml

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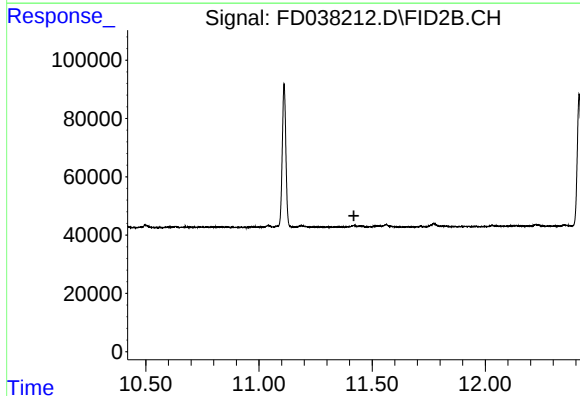
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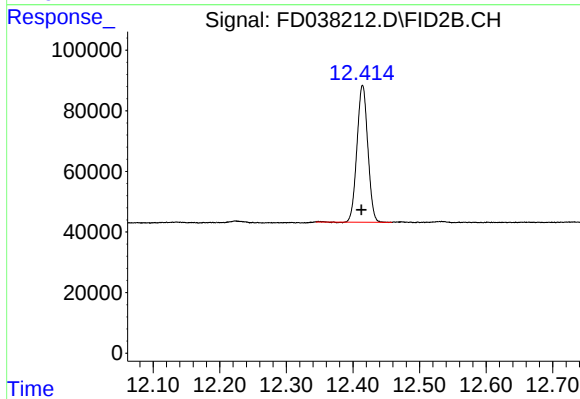
#8 n-Octadecane (C18)

R.T.: 11.111 min
Delta R.T.: 0.000 min
Response: 538487
Conc: 4.00 ug/ml



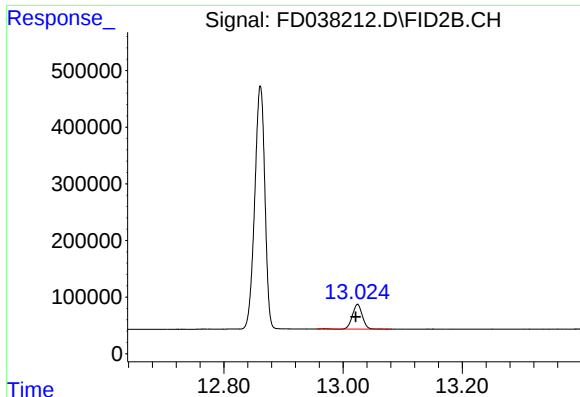
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.415 min
Delta R.T.: 0.002 min
Response: 509972
Conc: 3.80 ug/ml



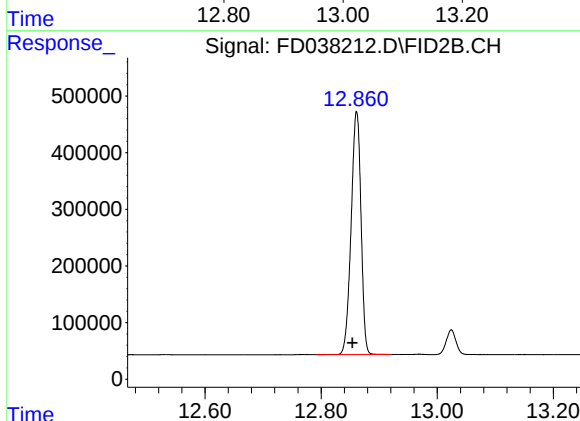
#11 n-Heneicosane (C21)

R.T.: 13.024 min
Delta R.T.: 0.003 min
Response: 498456
Conc: 3.67 ug/ml

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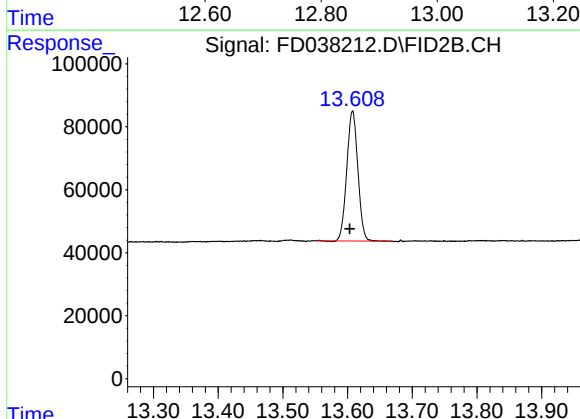
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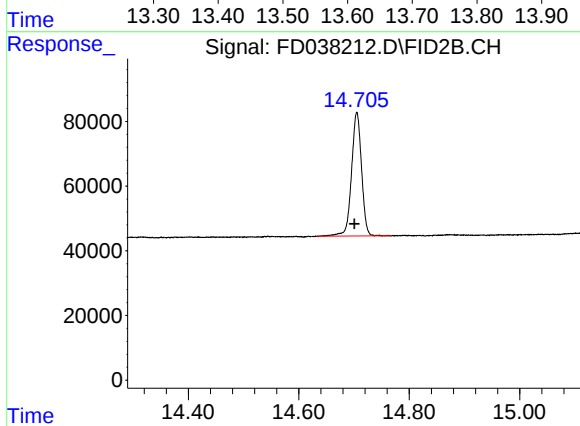
#12 1-chlorooctadecane (SURR)

R.T.: 12.861 min
Delta R.T.: 0.008 min
Response: 5060884
Conc: 44.39 ug/ml



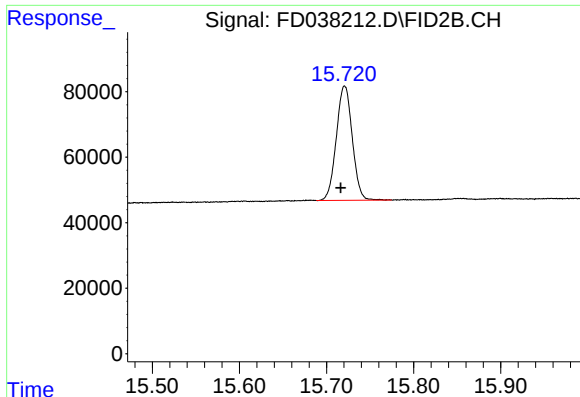
#13 n-Docosane (C22)

R.T.: 13.608 min
Delta R.T.: 0.004 min
Response: 491510
Conc: 3.65 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.705 min
Delta R.T.: 0.004 min
Response: 480425
Conc: 3.56 ug/ml



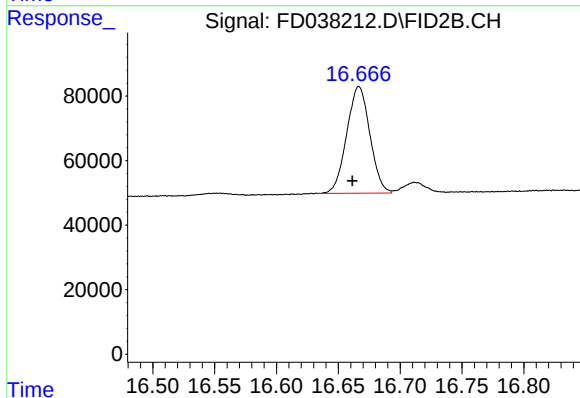
#15 n-Hexacosane (C26)

R.T.: 15.721 min
Delta R.T.: 0.005 min
Response: 444301
Conc: 3.37 ug/ml

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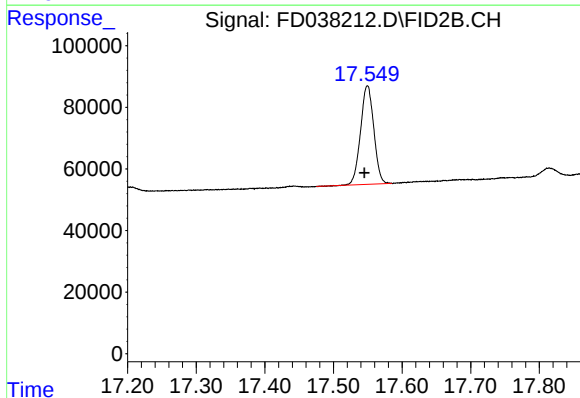
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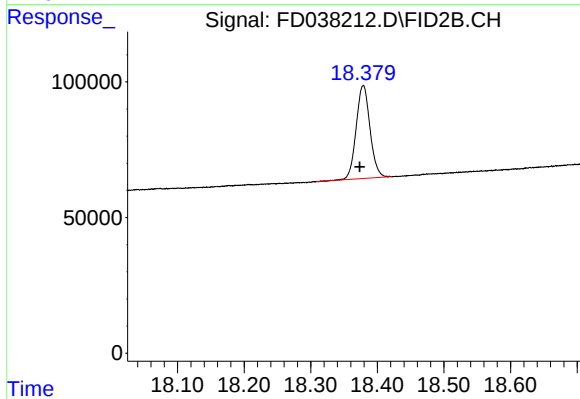
#16 n-Octacosane (C28)

R.T.: 16.666 min
Delta R.T.: 0.005 min
Response: 430935
Conc: 3.31 ug/ml m



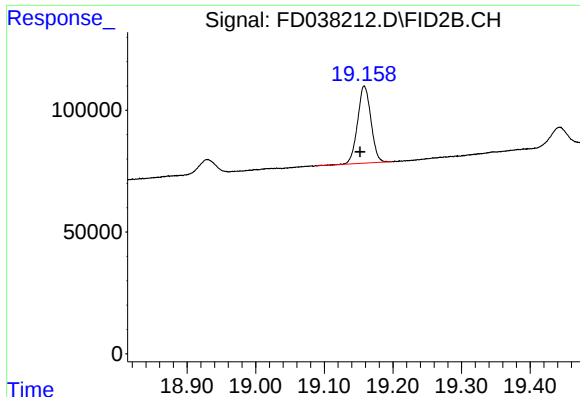
#17 n-Tricontane (C30)

R.T.: 17.549 min
Delta R.T.: 0.004 min
Response: 428193
Conc: 3.35 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.379 min
Delta R.T.: 0.005 min
Response: 493589
Conc: 4.01 ug/ml



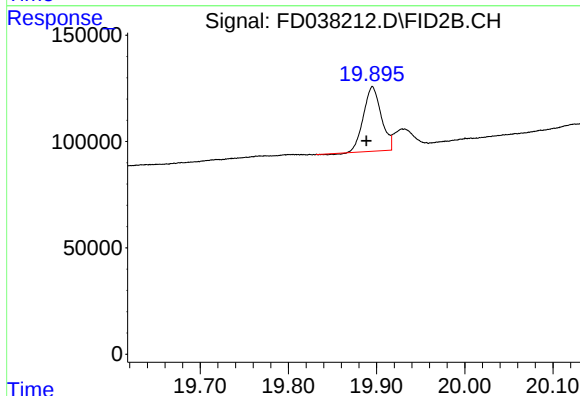
#19 n-Tetratriacontane (C34)

R.T.: 19.158 min
Delta R.T.: 0.006 min
Response: 426288
Conc: 3.64 ug/ml

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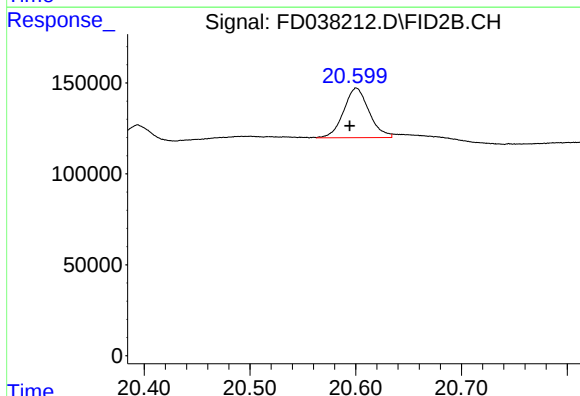
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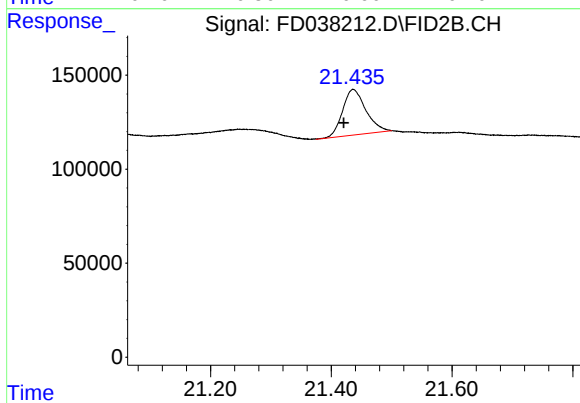
#20 n-Hexatriacontane (C36)

R.T.: 19.895 min
Delta R.T.: 0.007 min
Response: 423807
Conc: 3.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.599 min
Delta R.T.: 0.005 min
Response: 455662
Conc: 4.52 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.436 min
Delta R.T.: 0.016 min
Response: 657828
Conc: 6.73 ug/ml