

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040621AL\
 Data File : FD036744.D
 Signal(s) : FID2B.CH
 Acq On : 06 Apr 2021 19:37
 Operator : DD\AJ
 Sample : M1458-07
 Misc : LOD-WATER- 2.5 PPM
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2021

Integration File: autoint1.e
 Quant Time: Apr 07 02:34:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 09:10:29 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...	12.922	5161568	44.351 ug/ml
Spiked Amount 50.000		Recovery =	88.70%
Target Compounds			
1) T n-Nonane (C9)	3.289	306499	2.411 ug/ml
2) T n-Decane (C10)	4.350	311874	2.420 ug/ml
4) T n-Dodecane (C12)	6.359	320256	2.416 ug/ml
6) T n-Tetradecane (C14)	8.146	323457	2.380 ug/ml
7) T n-Hexadecane (C16)	9.738	320990	2.410 ug/ml
8) T n-Octadecane (C18)	11.173	335118	2.419 ug/ml
10) T n-Eicosane (C20)	12.476	314144	2.273 ug/ml
11) T n-Heneicosane (C21)	13.085	307209	2.231 ug/ml
13) T n-Docosane (C22)	13.668	295326	2.171 ug/ml
14) T n-Tetracosane (C24)	14.765	278720	2.102 ug/ml
15) T n-Hexacosane (C26)	15.781	264039	2.085 ug/ml
16) T n-Octacosane (C28)	16.725	267856	2.221 ug/ml
17) T n-Tricontane (C30)	17.607	290098	2.525 ug/ml
18) T n-Dotriacontane (C32)	18.435	302027	2.746 ug/ml
19) T n-Tetratriacontane (C34)	19.213	276859	2.696 ug/ml
20) T n-Hexatriacontane (C36)	19.948	247207	2.530 ug/ml
21) T n-Octatriacontane (C38)	20.657	230923	2.498 ug/ml
22) T n-Tetracontane (C40)	21.508	218546	2.167 ug/ml

(f)=RT Delta > 1/2 Window

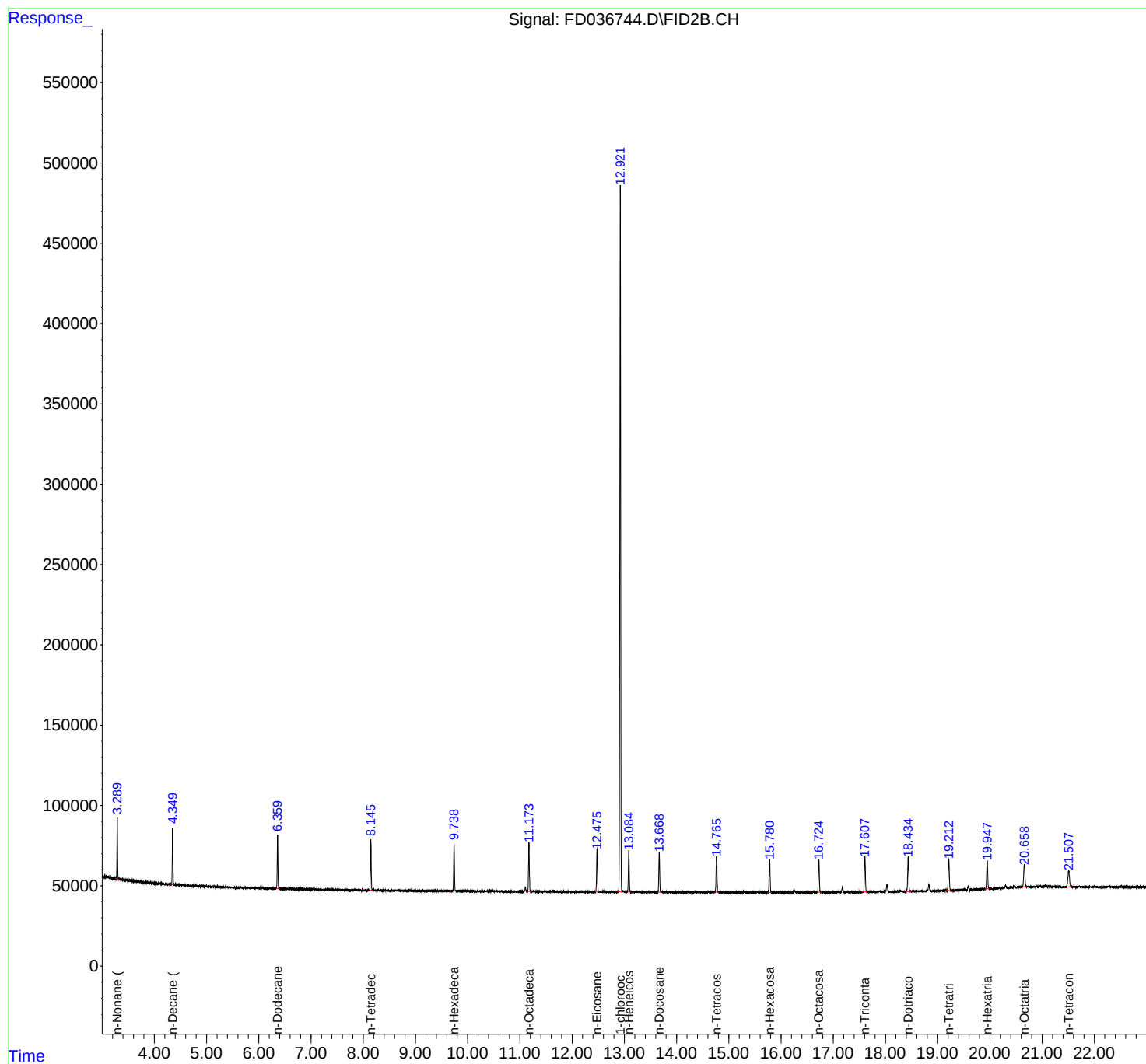
(m)=manual int.

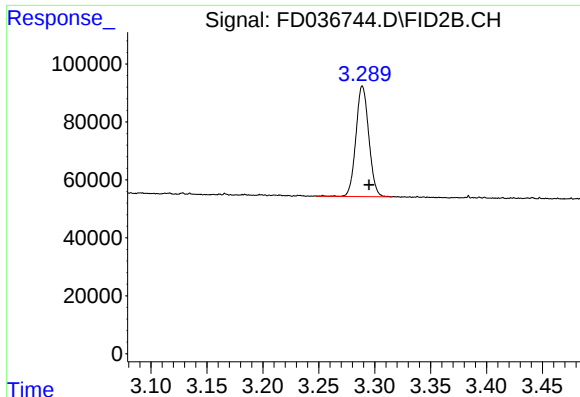
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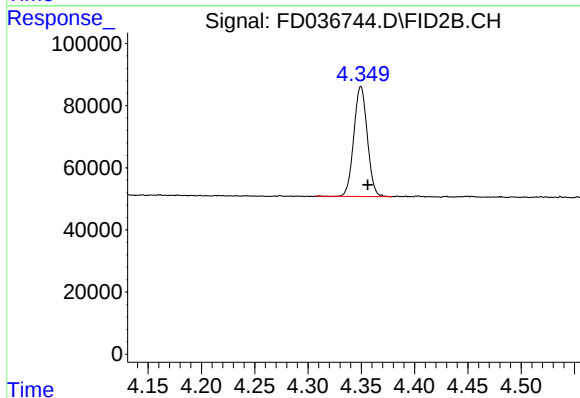




#1 n-Nonane (C9)

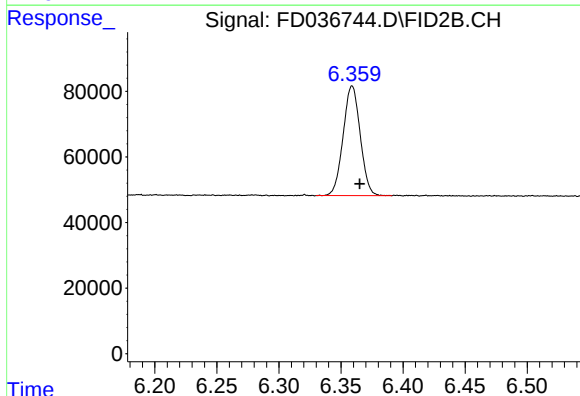
R.T.: 3.289 min
Delta R.T.: -0.006 min
Response: 306499
Conc: 2.41 ug/ml

Instrument :
FID_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021



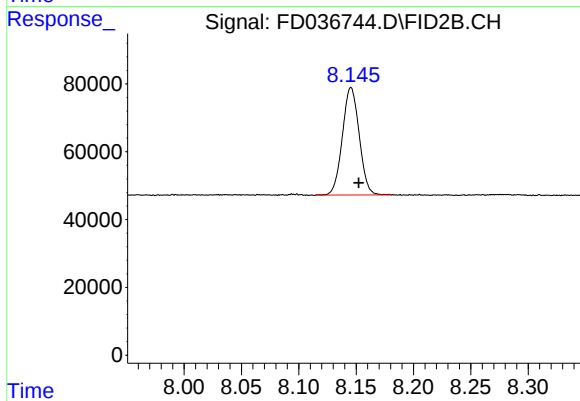
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: -0.006 min
Response: 311874
Conc: 2.42 ug/ml



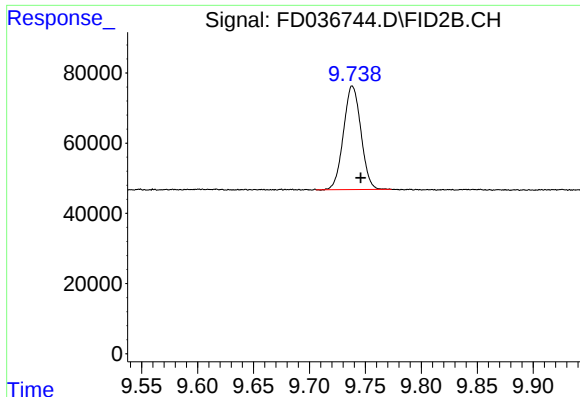
#4 n-Dodecane (C12)

R.T.: 6.359 min
Delta R.T.: -0.006 min
Response: 320256
Conc: 2.42 ug/ml



#6 n-Tetradecane (C14)

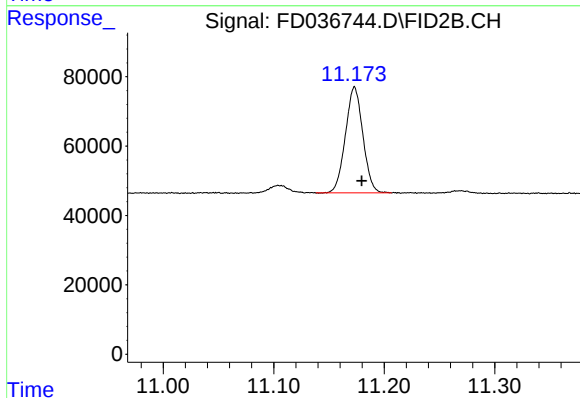
R.T.: 8.146 min
Delta R.T.: -0.007 min
Response: 323457
Conc: 2.38 ug/ml



#7 n-Hexadecane (C16)

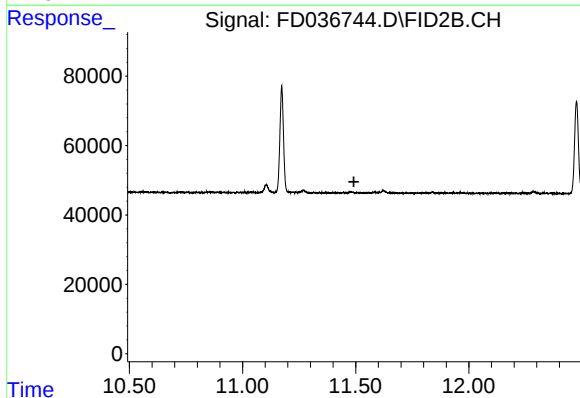
R.T.: 9.738 min
Delta R.T.: -0.008 min
Response: 320990
Conc: 2.41 ug/ml

Instrument :
FID_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021



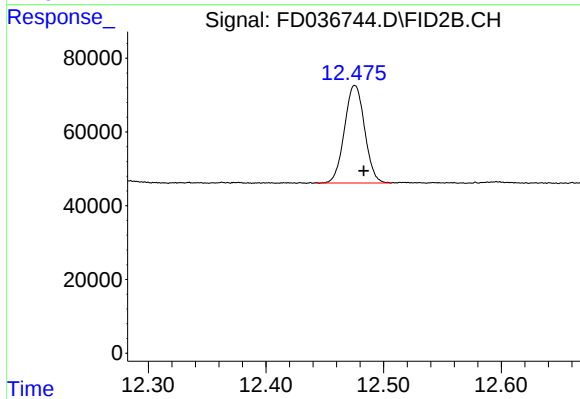
#8 n-Octadecane (C18)

R.T.: 11.173 min
Delta R.T.: -0.006 min
Response: 335118
Conc: 2.42 ug/ml



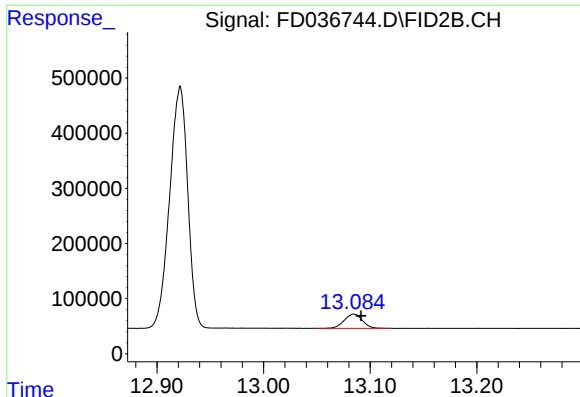
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.492 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

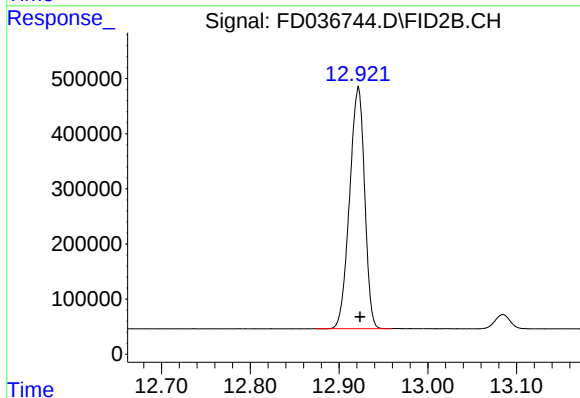
R.T.: 12.476 min
Delta R.T.: -0.008 min
Response: 314144
Conc: 2.27 ug/ml



#11 n-Heneicosane (C21)

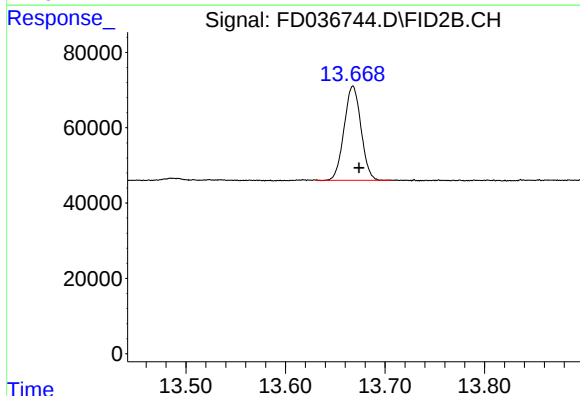
R.T.: 13.085 min
Delta R.T.: -0.007 min
Response: 307209
Conc: 2.23 ug/ml

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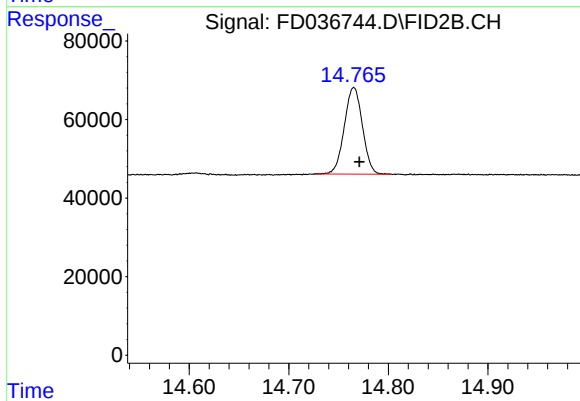
#12 1-chlorooctadecane (SURR)

R.T.: 12.922 min
Delta R.T.: -0.002 min
Response: 5161568
Conc: 44.35 ug/ml



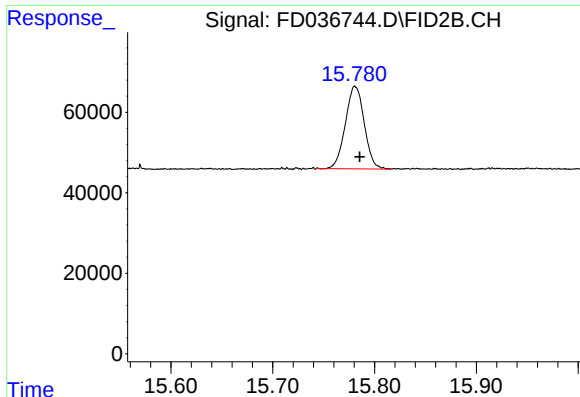
#13 n-Docosane (C22)

R.T.: 13.668 min
Delta R.T.: -0.006 min
Response: 295326
Conc: 2.17 ug/ml



#14 n-Tetracosane (C24)

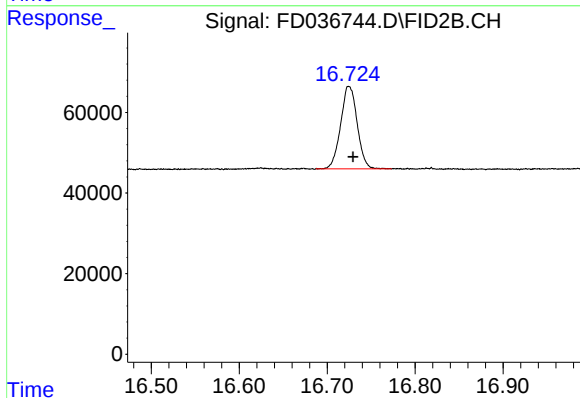
R.T.: 14.765 min
Delta R.T.: -0.005 min
Response: 278720
Conc: 2.10 ug/ml



#15 n-Hexacosane (C26)

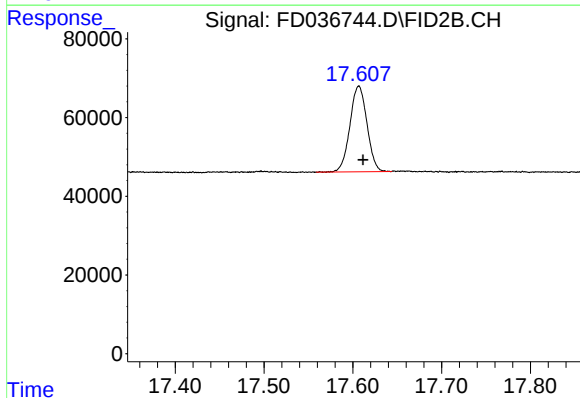
R.T.: 15.781 min
Delta R.T.: -0.005 min
Response: 264039
Conc: 2.09 ug/ml

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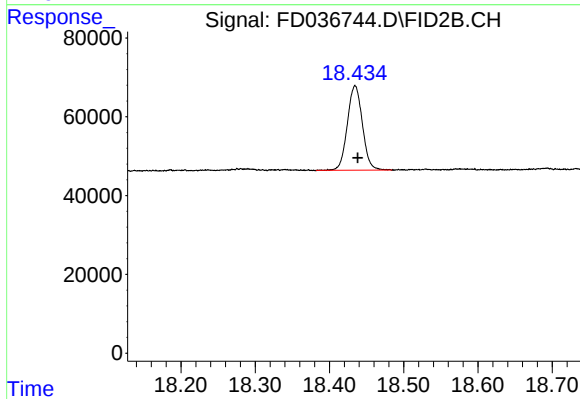
#16 n-Octacosane (C28)

R.T.: 16.725 min
Delta R.T.: -0.005 min
Response: 267856
Conc: 2.22 ug/ml



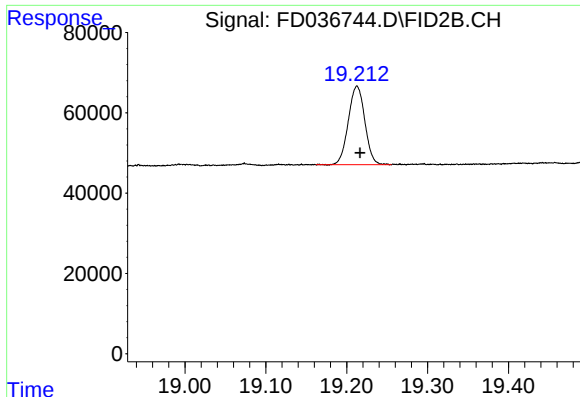
#17 n-Tricontane (C30)

R.T.: 17.607 min
Delta R.T.: -0.005 min
Response: 290098
Conc: 2.53 ug/ml



#18 n-Dotriacontane (C32)

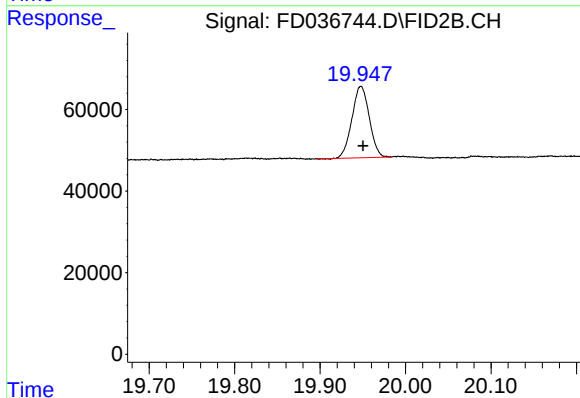
R.T.: 18.435 min
Delta R.T.: -0.003 min
Response: 302027
Conc: 2.75 ug/ml



#19 n-Tetratriacontane (C34)

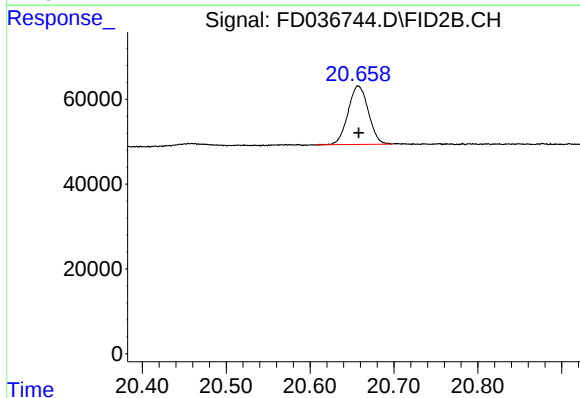
R.T.: 19.213 min
Delta R.T.: -0.004 min
Response: 276859
Conc: 2.70 ug/ml

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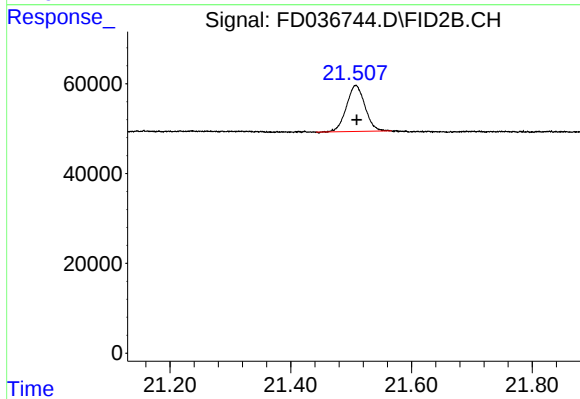
#20 n-Hexatriacontane (C36)

R.T.: 19.948 min
Delta R.T.: -0.003 min
Response: 247207
Conc: 2.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.657 min
Delta R.T.: 0.000 min
Response: 230923
Conc: 2.50 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.508 min
Delta R.T.: -0.002 min
Response: 218546
Conc: 2.17 ug/ml