

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040621AL\
 Data File : FD036740.D
 Signal(s) : FID2B.CH
 Acq On : 06 Apr 2021 17:04
 Operator : DD\AJ
 Sample : M1458-01
 Misc : LOD-SOIL-2.5 PPM
 ALS Vial : 54 Sample Multiplier: 1

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

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Apr 07 02:33:16 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...	12.923	5030790	43.228 ug/ml
Spiked Amount 50.000		Recovery =	86.46%
Target Compounds			
1) T n-Nonane (C9)	3.289	300874	2.367 ug/ml
2) T n-Decane (C10)	4.349	305603	2.372 ug/ml
4) T n-Dodecane (C12)	6.358	315790	2.382 ug/ml
6) T n-Tetradecane (C14)	8.146	315572	2.322 ug/ml
7) T n-Hexadecane (C16)	9.739	314948	2.365 ug/ml
8) T n-Octadecane (C18)	11.175	325445	2.349 ug/ml
10) T n-Eicosane (C20)	12.478	304935	2.206 ug/ml
11) T n-Heneicosane (C21)	13.086	300532	2.183 ug/ml
13) T n-Docosane (C22)	13.670	291195	2.141 ug/ml
14) T n-Tetracosane (C24)	14.766	273647	2.064 ug/ml
15) T n-Hexacosane (C26)	15.781	257947	2.037 ug/ml
16) T n-Octacosane (C28)	16.725	261946	2.172 ug/ml
17) T n-Tricontane (C30)	17.606	280766	2.444 ug/ml
18) T n-Dotriacontane (C32)	18.434	284146	2.583 ug/ml
19) T n-Tetratriacontane (C34)	19.212	266071	2.591 ug/ml
20) T n-Hexatriacontane (C36)	19.946	239417	2.450 ug/ml
21) T n-Octatriacontane (C38)	20.657	225213	2.436 ug/ml
22) T n-Tetracontane (C40)	21.504	226823	2.249 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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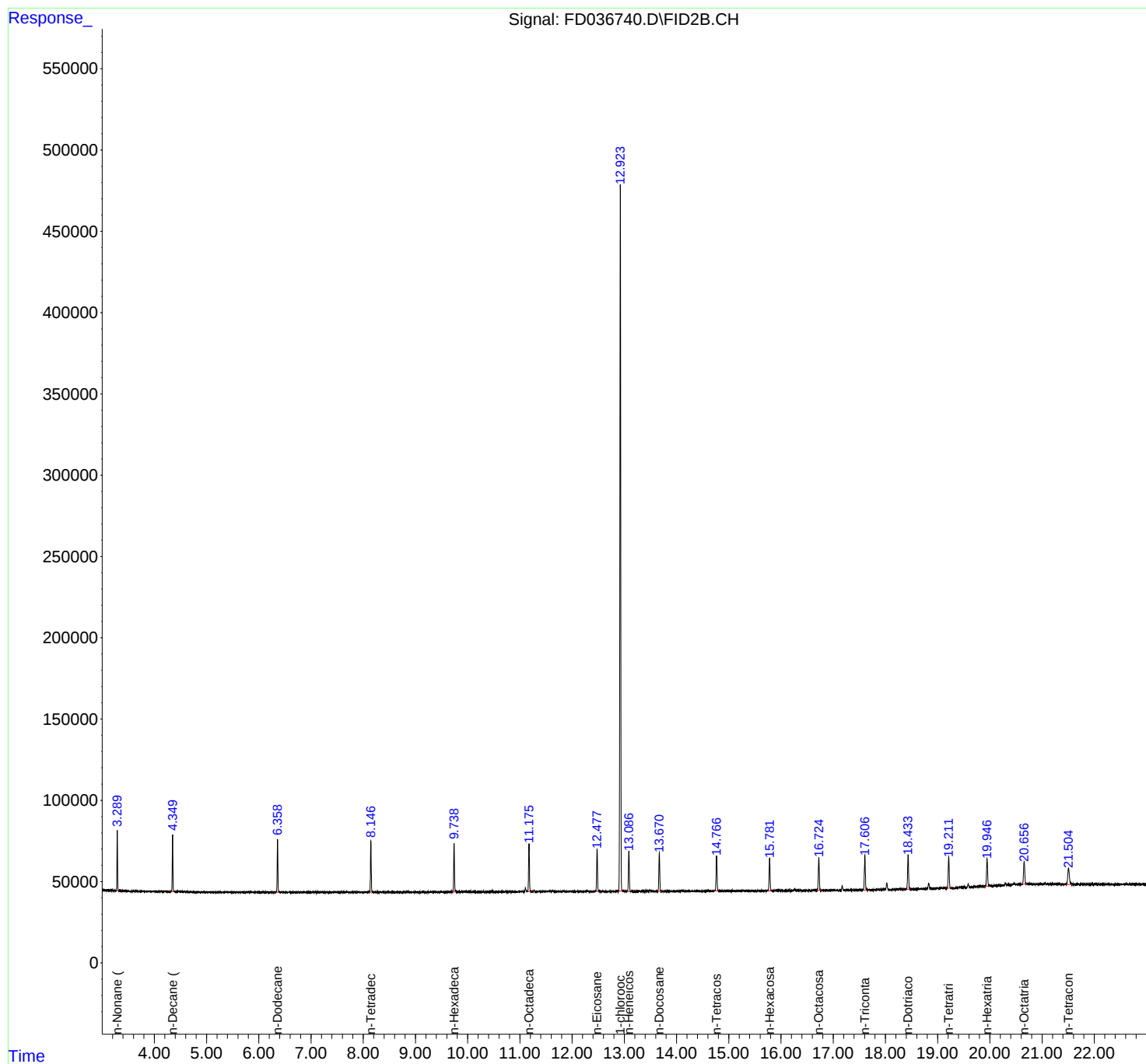
Instrument :
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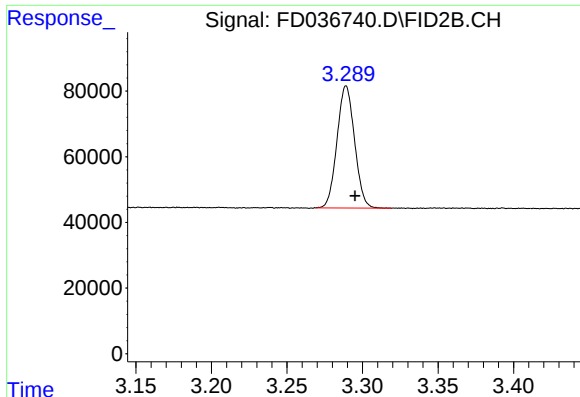
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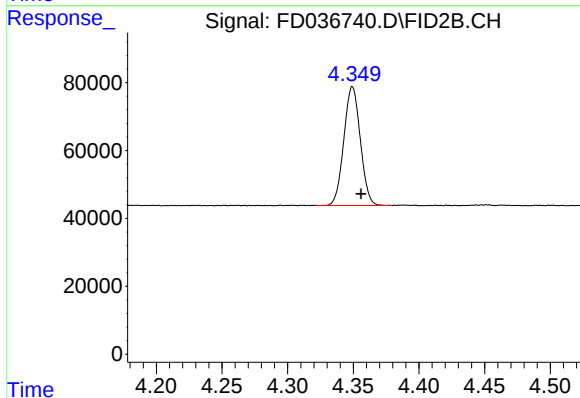
#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: -0.006 min
Response: 300874
Conc: 2.37 ug/ml

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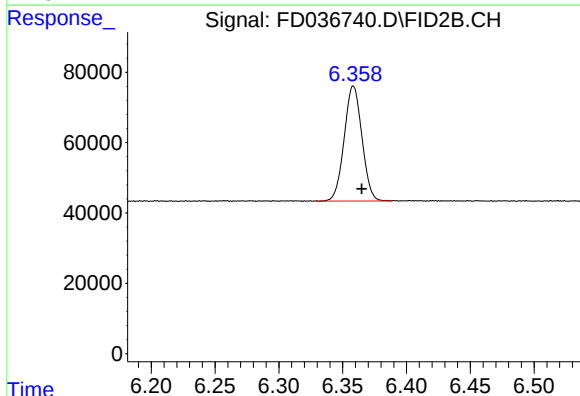
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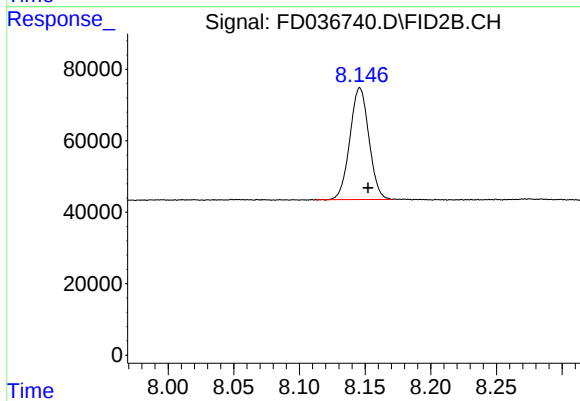
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: -0.007 min
Response: 305603
Conc: 2.37 ug/ml



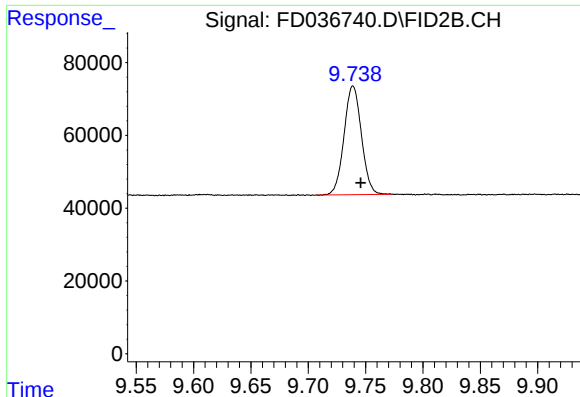
#4 n-Dodecane (C12)

R.T.: 6.358 min
Delta R.T.: -0.007 min
Response: 315790
Conc: 2.38 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.146 min
Delta R.T.: -0.006 min
Response: 315572
Conc: 2.32 ug/ml



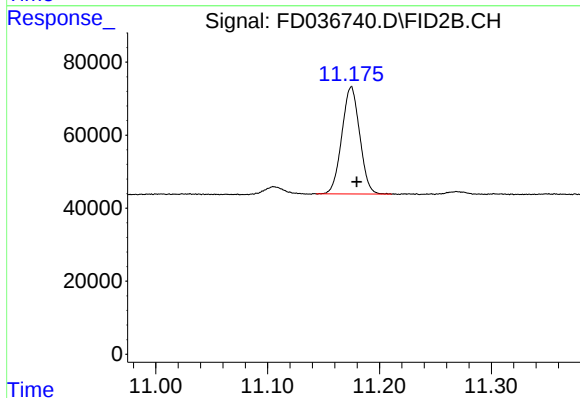
#7 n-Hexadecane (C16)

R.T.: 9.739 min
Delta R.T.: -0.007 min
Response: 314948
Conc: 2.36 ug/ml

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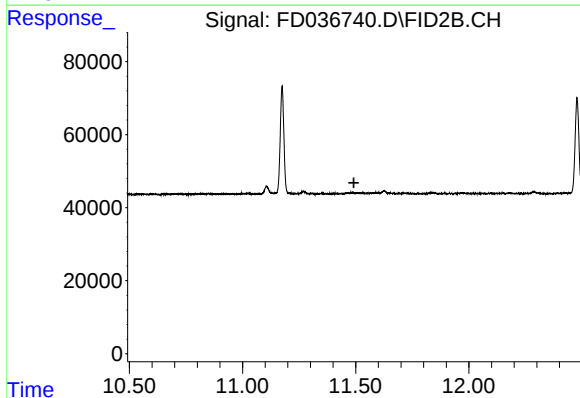
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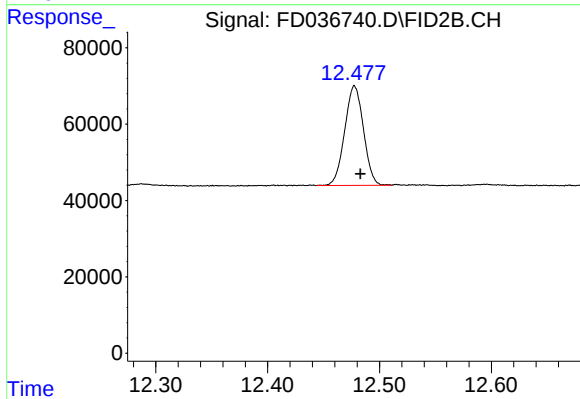
#8 n-Octadecane (C18)

R.T.: 11.175 min
Delta R.T.: -0.005 min
Response: 325445
Conc: 2.35 ug/ml



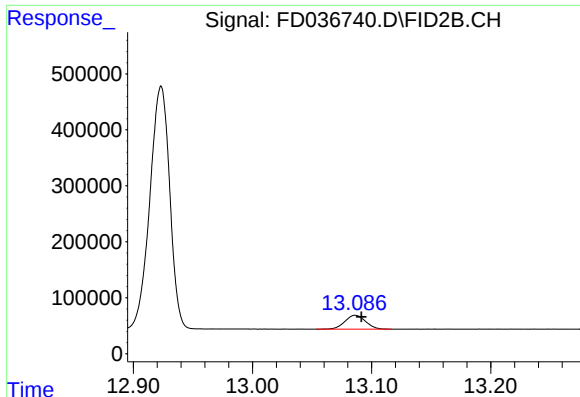
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.478 min
Delta R.T.: -0.005 min
Response: 304935
Conc: 2.21 ug/ml



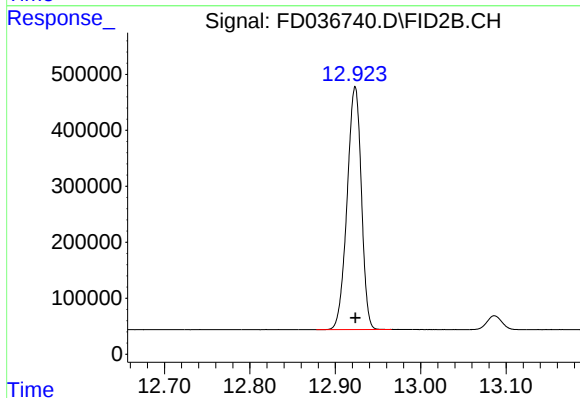
#11 n-Heneicosane (C21)

R.T.: 13.086 min
Delta R.T.: -0.005 min
Response: 300532
Conc: 2.18 ug/ml

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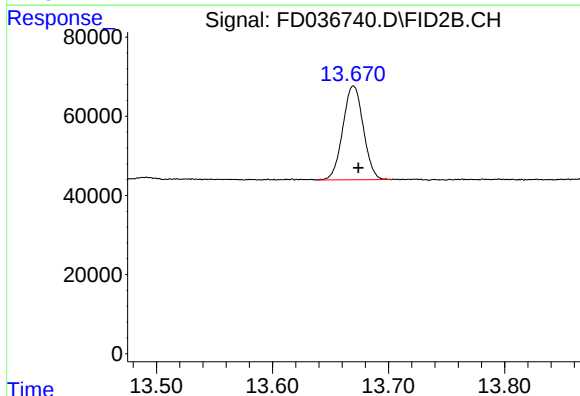
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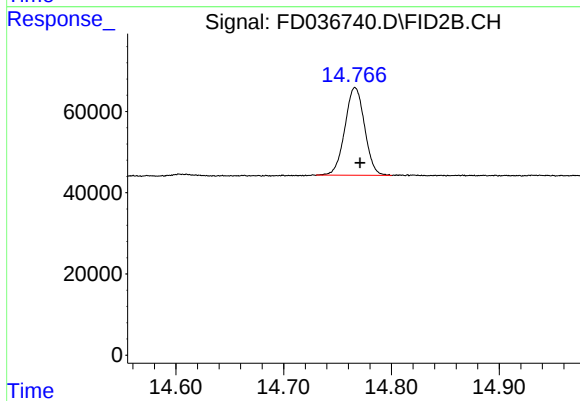
#12 1-chlorooctadecane (SURR)

R.T.: 12.923 min
Delta R.T.: 0.000 min
Response: 5030790
Conc: 43.23 ug/ml



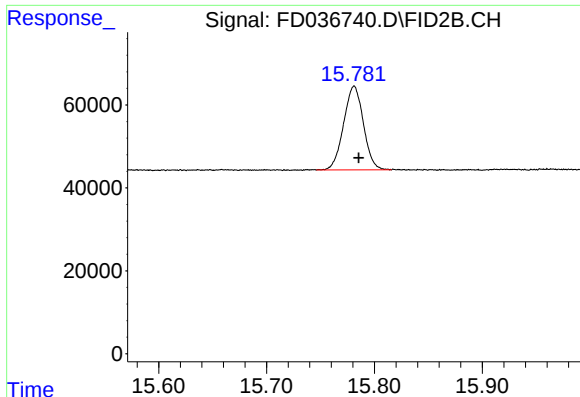
#13 n-Docosane (C22)

R.T.: 13.670 min
Delta R.T.: -0.004 min
Response: 291195
Conc: 2.14 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.766 min
Delta R.T.: -0.005 min
Response: 273647
Conc: 2.06 ug/ml



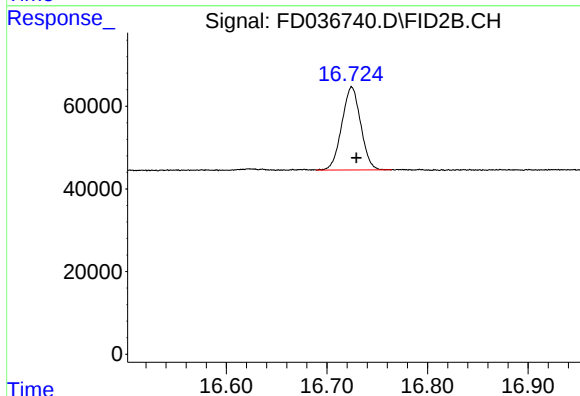
#15 n-Hexacosane (C26)

R.T.: 15.781 min
Delta R.T.: -0.004 min
Response: 257947
Conc: 2.04 ug/ml

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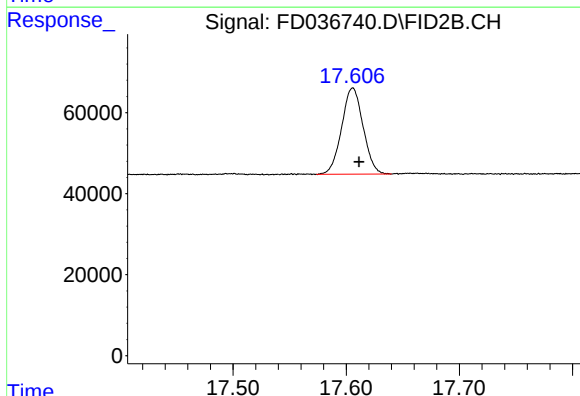
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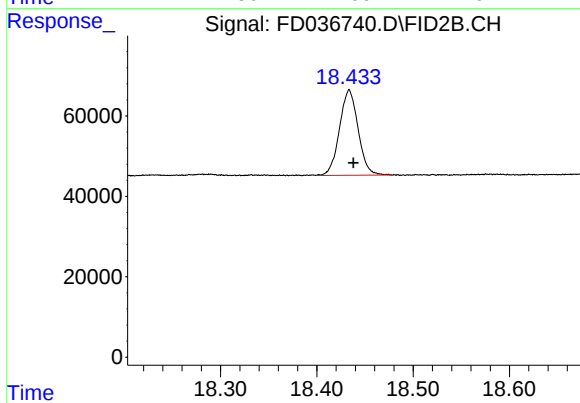
#16 n-Octacosane (C28)

R.T.: 16.725 min
Delta R.T.: -0.005 min
Response: 261946
Conc: 2.17 ug/ml



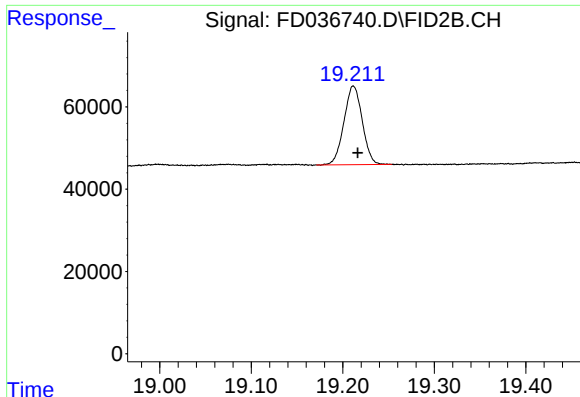
#17 n-Tricontane (C30)

R.T.: 17.606 min
Delta R.T.: -0.006 min
Response: 280766
Conc: 2.44 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.434 min
Delta R.T.: -0.004 min
Response: 284146
Conc: 2.58 ug/ml



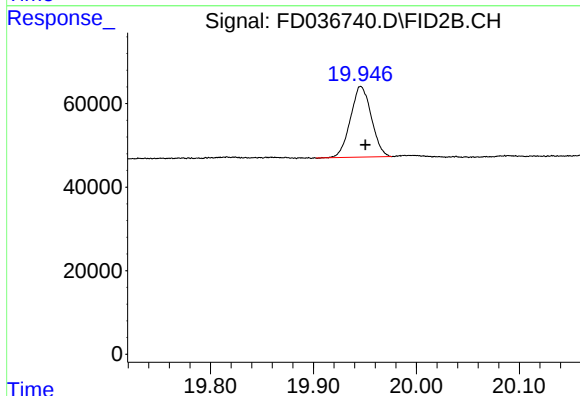
#19 n-Tetratriacontane (C34)

R.T.: 19.212 min
Delta R.T.: -0.005 min
Response: 266071
Conc: 2.59 ug/ml

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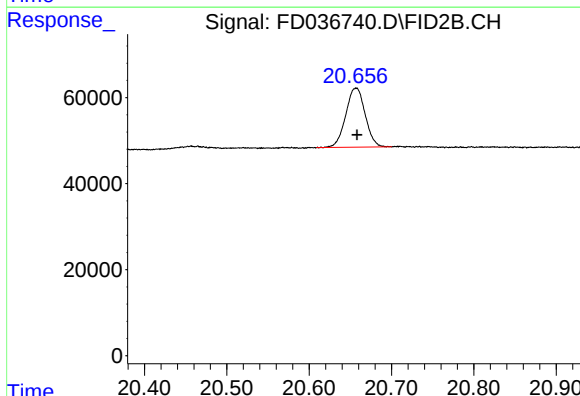
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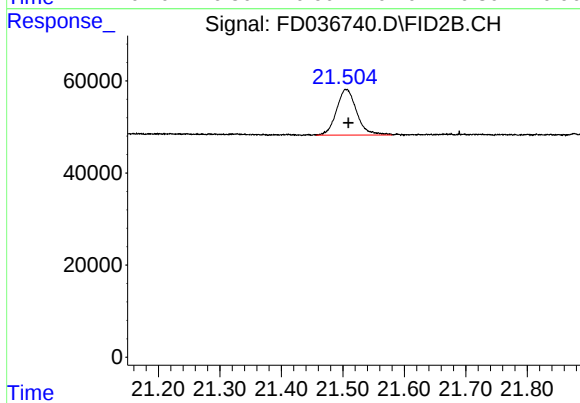
#20 n-Hexatriacontane (C36)

R.T.: 19.946 min
Delta R.T.: -0.004 min
Response: 239417
Conc: 2.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.657 min
Delta R.T.: -0.001 min
Response: 225213
Conc: 2.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.504 min
Delta R.T.: -0.006 min
Response: 226823
Conc: 2.25 ug/ml m