

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020620AL\
 Data File : FD032297.D
 Signal(s) : FID2B.CH
 Acq On : 06 Feb 2020 10:42
 Operator : DD\AJ
 Sample : L1161-01
 Misc : LOD 2.5 PPM-SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

Integration File: autoint1.e
 Quant Time: Feb 07 05:58:58 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 020420.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 05 06:50:50 2020
 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...	12.963	2632632	22.298 ug/ml
Spiked Amount 50.000		Recovery =	44.60%
Target Compounds			
1) T n-Nonane (C9)	3.333	133407	0.986 ug/ml
2) T n-Decane (C10)	4.394	165295	1.220 ug/ml
4) T n-Dodecane (C12)	6.401	227719	1.665 ug/ml
6) T n-Tetradecane (C14)	8.187	218740	1.585 ug/ml
7) T n-Hexadecane (C16)	9.781	206432	1.498 ug/ml
8) T n-Octadecane (C18)	11.215	218461	1.579 ug/ml
10) T n-Eicosane (C20)	12.519	226817	1.638 ug/ml
11) T n-Heneicosane (C21)	13.128	222138	1.589 ug/ml
13) T n-Docosane (C22)	13.713	239671	1.728 ug/ml
14) T n-Tetracosane (C24)	14.810	235977	1.700 ug/ml
15) T n-Hexacosane (C26)	15.828	232198	1.696 ug/ml
16) T n-Octacosane (C28)	16.774	249373	1.860 ug/ml
17) T n-Tricontane (C30)	17.658	264412	2.055 ug/ml
18) T n-Dotriacontane (C32)	18.486	255804	2.298 ug/ml
19) T n-Tetratriacontane (C34)	19.267	212892	2.303 ug/ml
20) T n-Hexatriacontane (C36)	20.003	158226	1.792 ug/ml
21) T n-Octatriacontane (C38)	20.721	144156	1.870 ug/ml

(f)=RT Delta > 1/2 Window

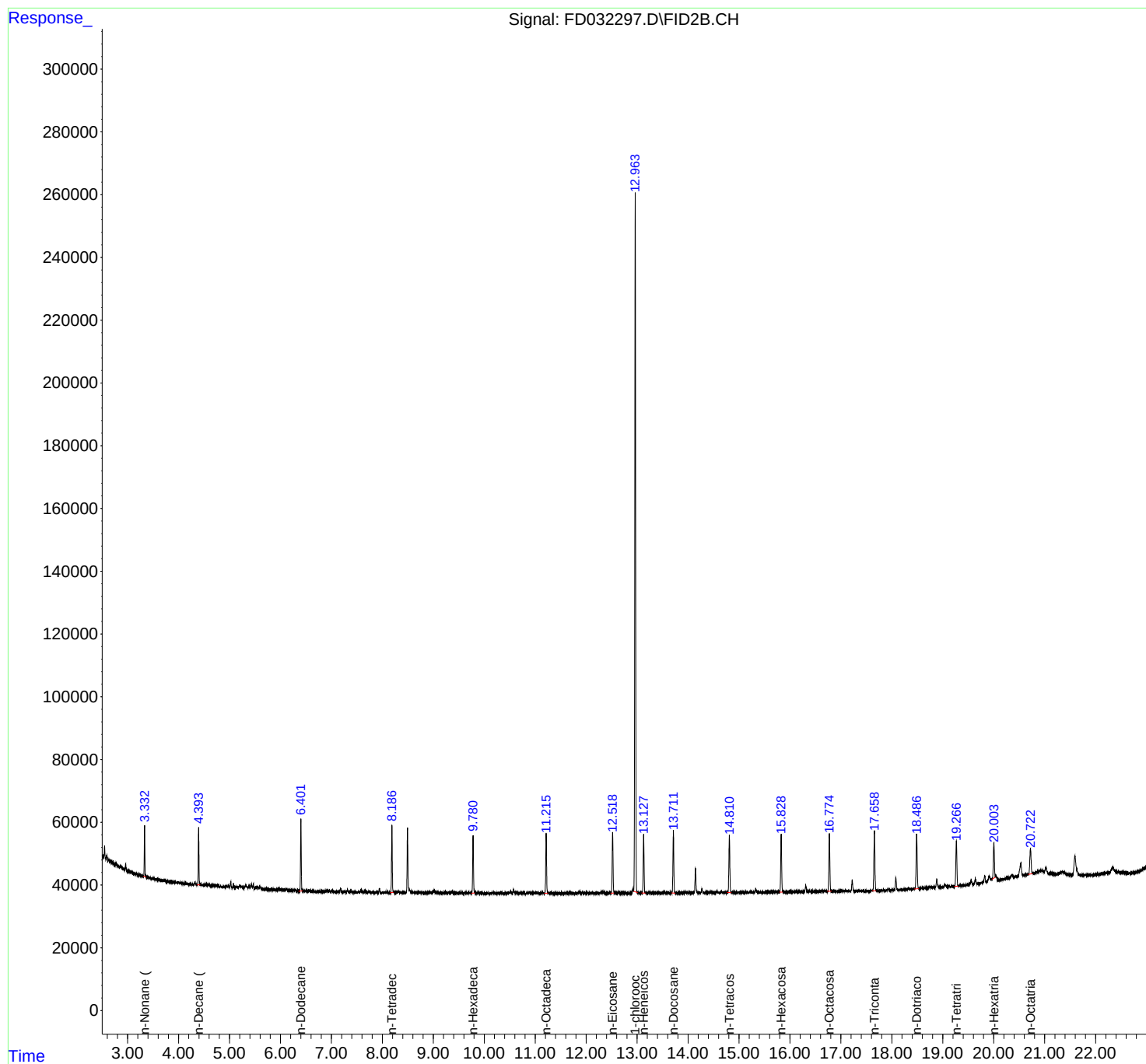
(m)=manual int.

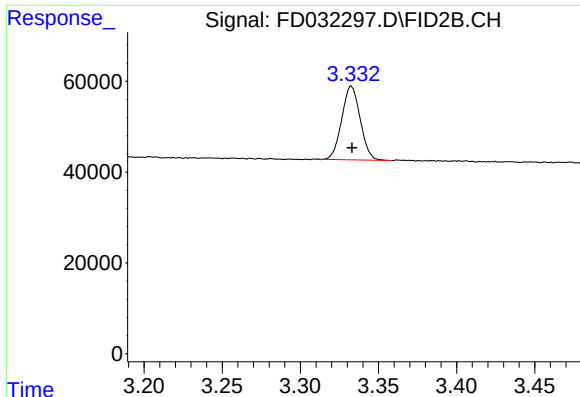
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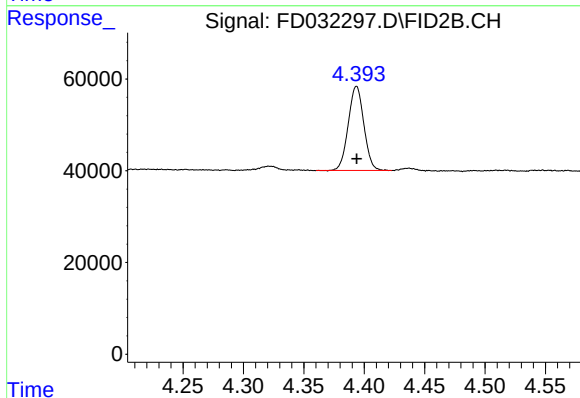




#1 n-Nonane (C9)

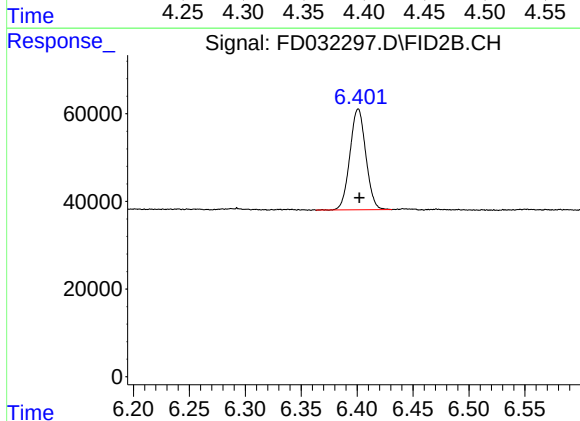
R.T.: 3.333 min
Delta R.T.: 0.000 min
Response: 133407
Conc: 0.99 ug/ml

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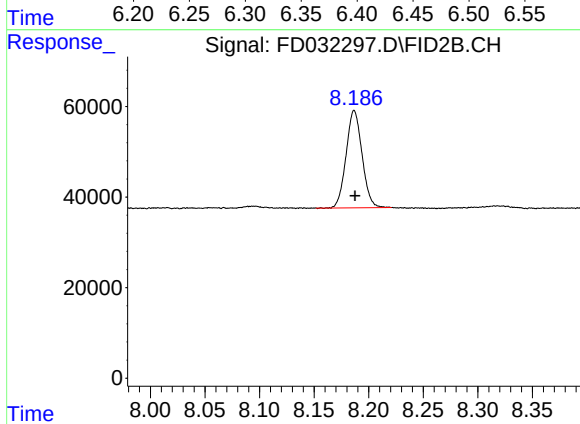
#2 n-Decane (C10)

R.T.: 4.394 min
Delta R.T.: 0.000 min
Response: 165295
Conc: 1.22 ug/ml



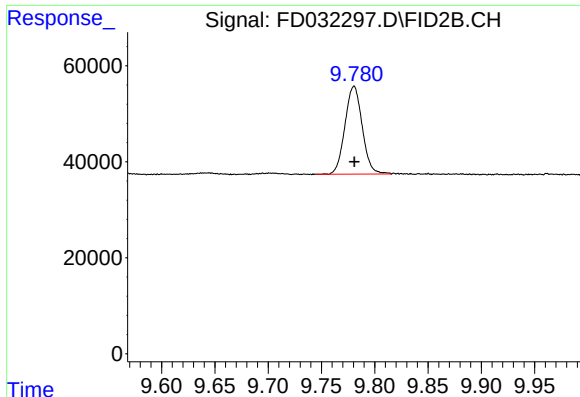
#4 n-Dodecane (C12)

R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 227719
Conc: 1.66 ug/ml



#6 n-Tetradecane (C14)

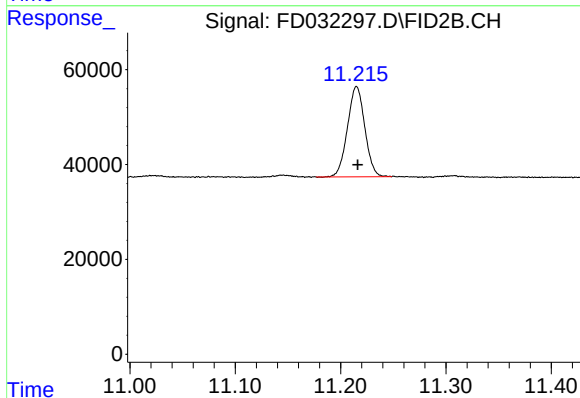
R.T.: 8.187 min
Delta R.T.: 0.000 min
Response: 218740
Conc: 1.59 ug/ml



#7 n-Hexadecane (C16)

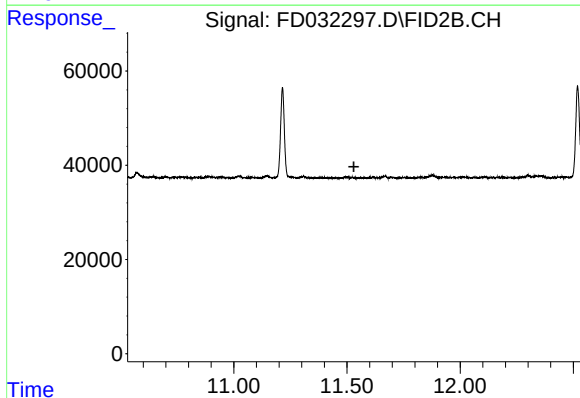
R.T.: 9.781 min
Delta R.T.: 0.000 min
Response: 206432
Conc: 1.50 ug/ml

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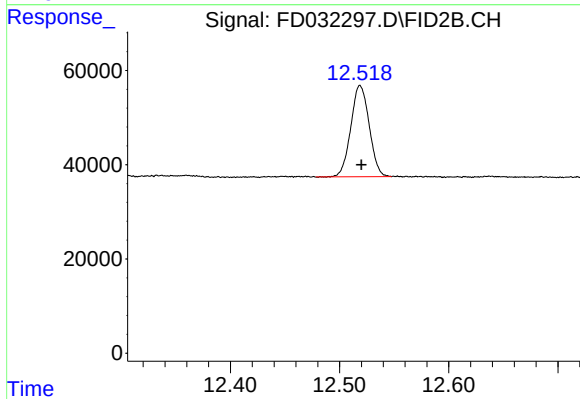
#8 n-Octadecane (C18)

R.T.: 11.215 min
Delta R.T.: -0.001 min
Response: 218461
Conc: 1.58 ug/ml



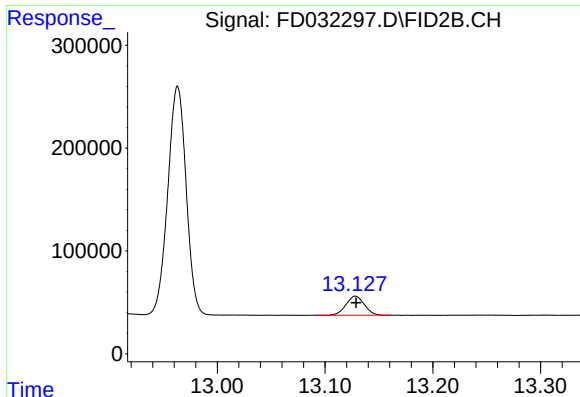
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.531 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

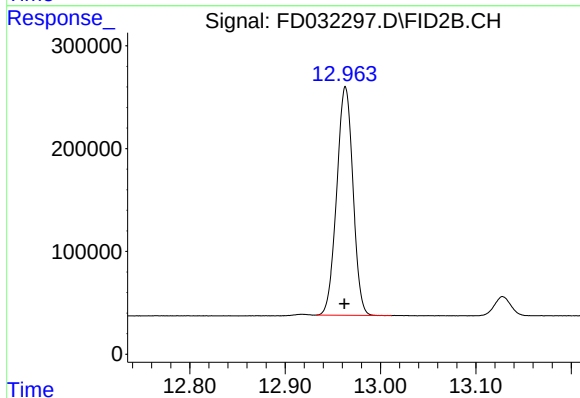
R.T.: 12.519 min
Delta R.T.: -0.001 min
Response: 226817
Conc: 1.64 ug/ml



#11 n-Heneicosane (C21)

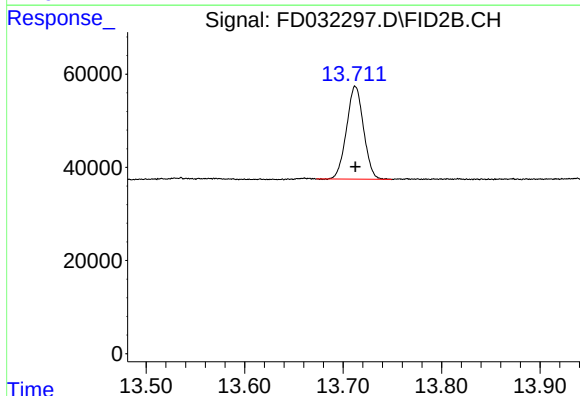
R.T.: 13.128 min
Delta R.T.: 0.000 min
Response: 222138
Conc: 1.59 ug/ml

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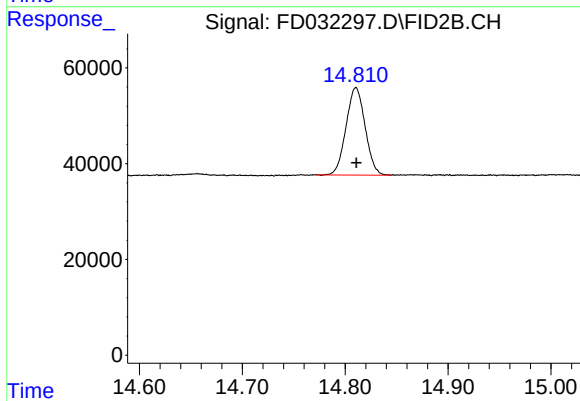
#12 1-chlorooctadecane (SURR)

R.T.: 12.963 min
Delta R.T.: 0.001 min
Response: 2632632
Conc: 22.30 ug/ml



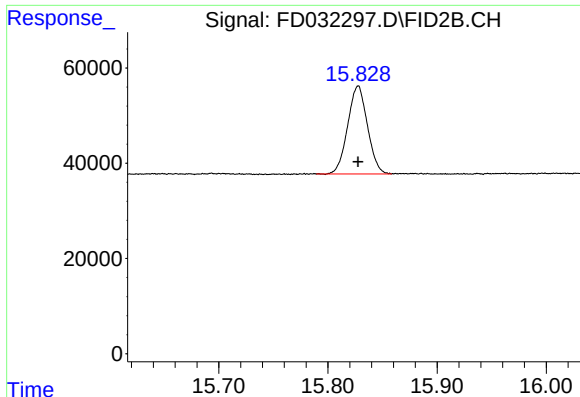
#13 n-Docosane (C22)

R.T.: 13.713 min
Delta R.T.: 0.000 min
Response: 239671
Conc: 1.73 ug/ml



#14 n-Tetracosane (C24)

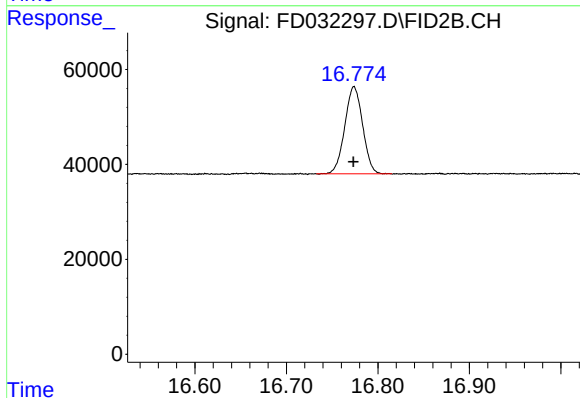
R.T.: 14.810 min
Delta R.T.: 0.000 min
Response: 235977
Conc: 1.70 ug/ml



#15 n-Hexacosane (C26)

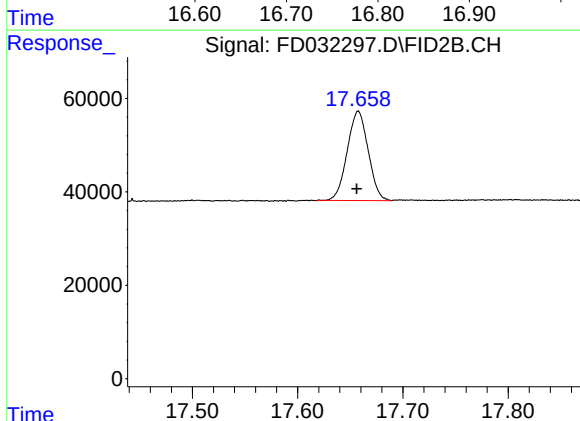
R.T.: 15.828 min
Delta R.T.: 0.000 min
Response: 232198
Conc: 1.70 ug/ml

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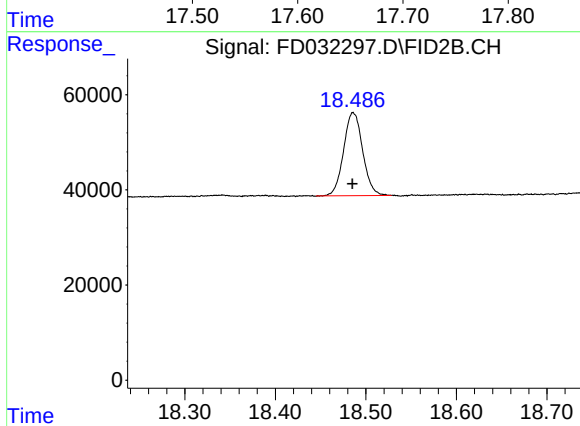
#16 n-Octacosane (C28)

R.T.: 16.774 min
Delta R.T.: 0.000 min
Response: 249373
Conc: 1.86 ug/ml



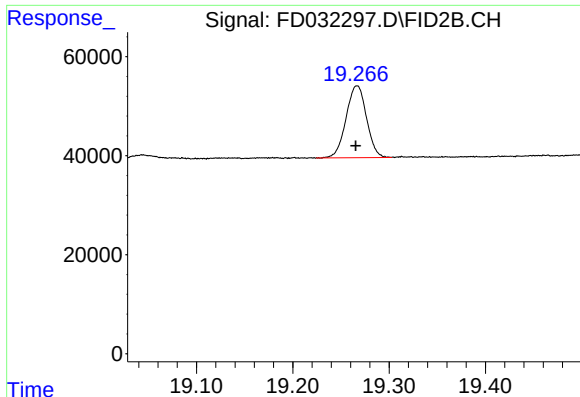
#17 n-Tricontane (C30)

R.T.: 17.658 min
Delta R.T.: 0.002 min
Response: 264412
Conc: 2.06 ug/ml



#18 n-Dotriacontane (C32)

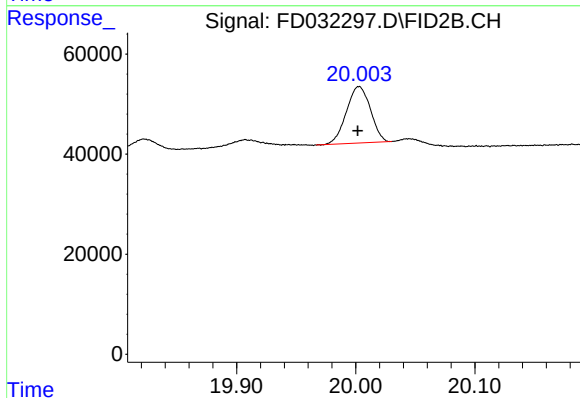
R.T.: 18.486 min
Delta R.T.: 0.000 min
Response: 255804
Conc: 2.30 ug/ml



#19 n-Tetratriacontane (C34)

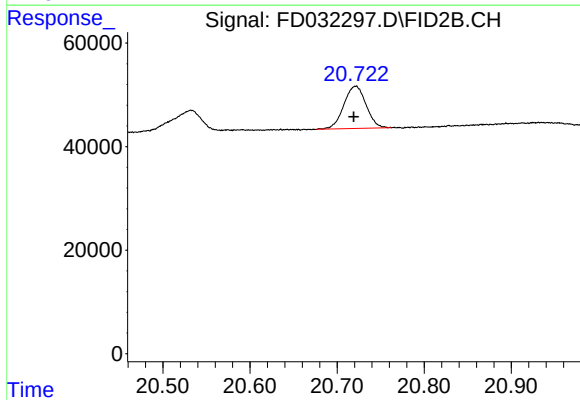
R.T.: 19.267 min
Delta R.T.: 0.001 min
Response: 212892
Conc: 2.30 ug/ml

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#20 n-Hexatriacontane (C36)

R.T.: 20.003 min
Delta R.T.: 0.000 min
Response: 158226
Conc: 1.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.721 min
Delta R.T.: 0.002 min
Response: 144156
Conc: 1.87 ug/ml