

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102920AL\
 Data File : FD035231.D
 Signal(s) : FID2B.CH
 Acq On : 30 Oct 2020 8:25
 Operator : DD\AJ
 Sample : L4214-09
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-WATER-03-QT4-2020

Integration File: autoint1.e
 Quant Time: Oct 30 14:54:11 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 102220.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 23 03:14:17 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...	12.979	2878172	27.812 ug/ml
Spiked Amount 50.000		Recovery =	55.62%
Target Compounds			
1) T n-Nonane (C9)	3.338	161812	1.436 ug/ml
2) T n-Decane (C10)	4.401	196449	1.736 ug/ml
4) T n-Dodecane (C12)	6.410	266242	2.306 ug/ml
6) T n-Tetradecane (C14)	8.199	261423	2.281 ug/ml
7) T n-Hexadecane (C16)	9.794	244343	2.123 ug/ml
8) T n-Octadecane (C18)	11.230	269150	2.225 ug/ml
10) T n-Eicosane (C20)	12.534	280094	2.285 ug/ml
11) T n-Heneicosane (C21)	13.144	277541	2.266 ug/ml
13) T n-Docosane (C22)	13.728	283054	2.315 ug/ml
14) T n-Tetracosane (C24)	14.826	287751	2.373 ug/ml
15) T n-Hexacosane (C26)	15.841	278399	2.353 ug/ml
16) T n-Octacosane (C28)	16.787	274047	2.369 ug/ml
17) T n-Tricontane (C30)	17.670	276824	2.505 ug/ml
18) T n-Dotriacontane (C32)	18.499	268739	2.675 ug/ml
19) T n-Tetratriacontane (C34)	19.276	250543	2.725 ug/ml
20) T n-Hexatriacontane (C36)	20.012	221517	2.643 ug/ml
21) T n-Octatriacontane (C38)	20.735	203119	2.573 ug/ml
22) T n-Tetracontane (C40)	21.617	186375	2.292 ug/ml

(f)=RT Delta > 1/2 Window

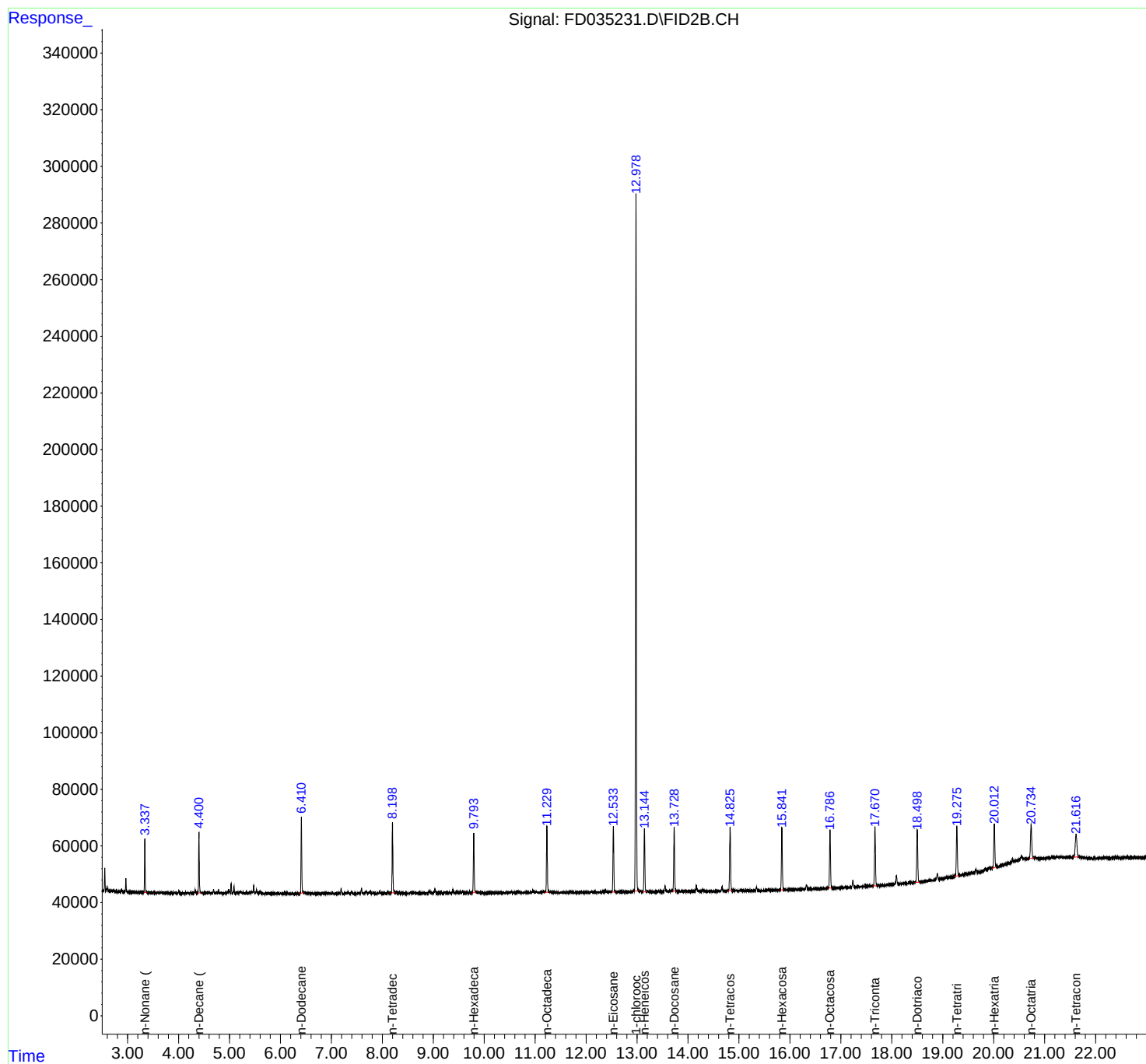
(m)=manual int.

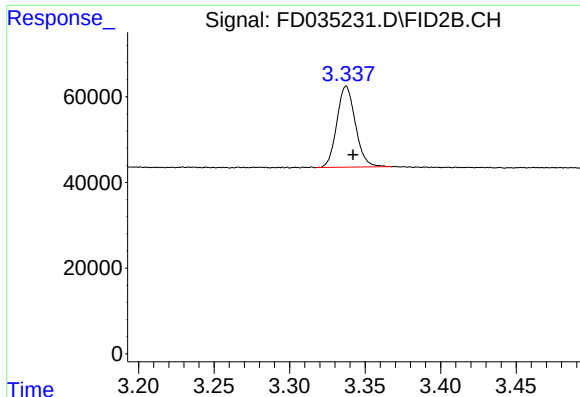
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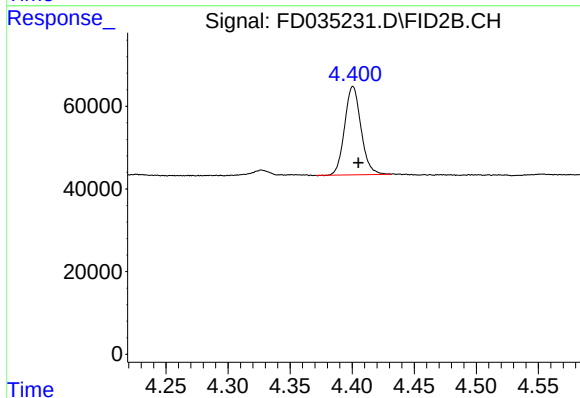




#1 n-Nonane (C9)

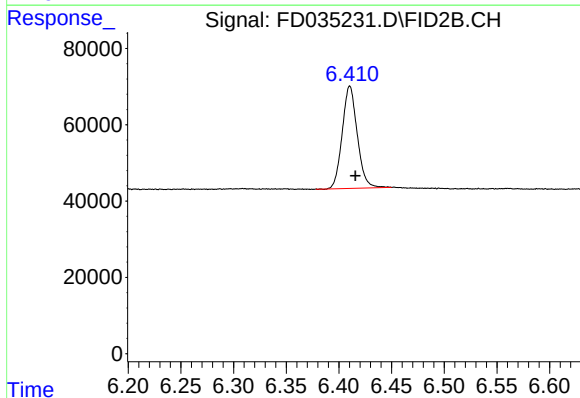
R.T.: 3.338 min
Delta R.T.: -0.004 min
Response: 161812
Conc: 1.44 ug/ml

Instrument :
FID_D
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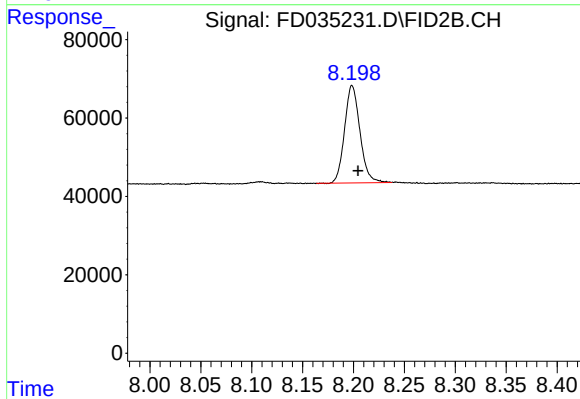
#2 n-Decane (C10)

R.T.: 4.401 min
Delta R.T.: -0.004 min
Response: 196449
Conc: 1.74 ug/ml



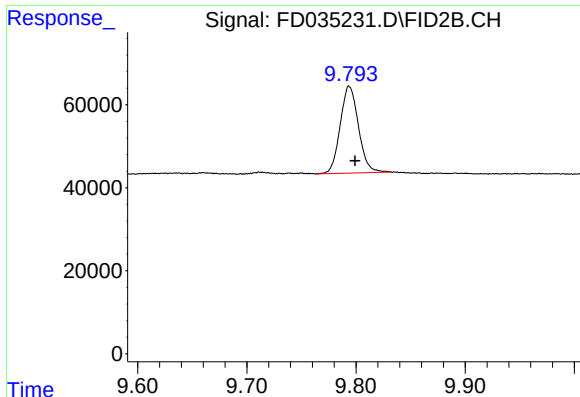
#4 n-Dodecane (C12)

R.T.: 6.410 min
Delta R.T.: -0.005 min
Response: 266242
Conc: 2.31 ug/ml



#6 n-Tetradecane (C14)

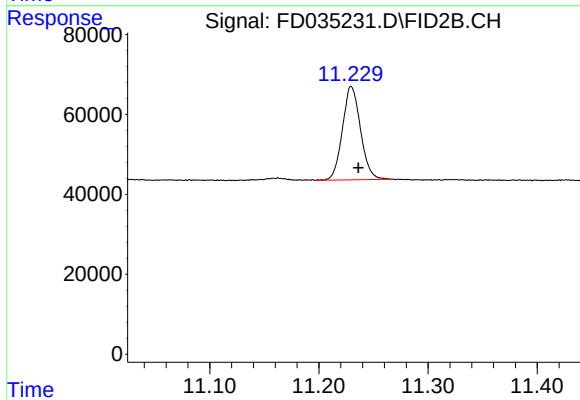
R.T.: 8.199 min
Delta R.T.: -0.006 min
Response: 261423
Conc: 2.28 ug/ml



#7 n-Hexadecane (C16)

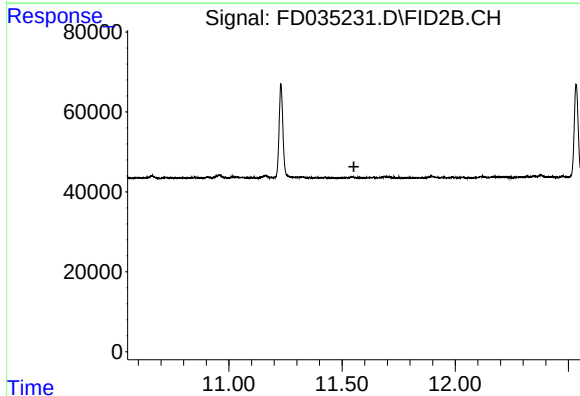
R.T.: 9.794 min
Delta R.T.: -0.005 min
Response: 244343
Conc: 2.12 ug/ml

Instrument :
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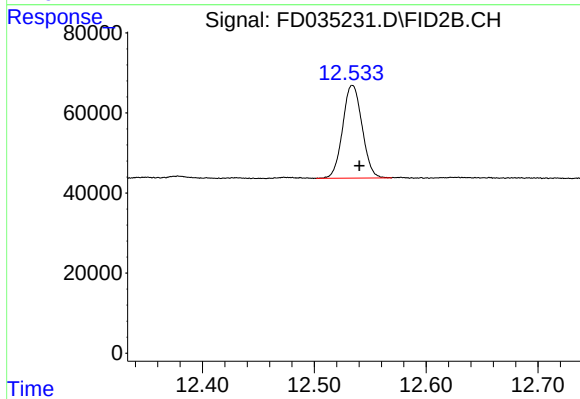
#8 n-Octadecane (C18)

R.T.: 11.230 min
Delta R.T.: -0.006 min
Response: 269150
Conc: 2.23 ug/ml



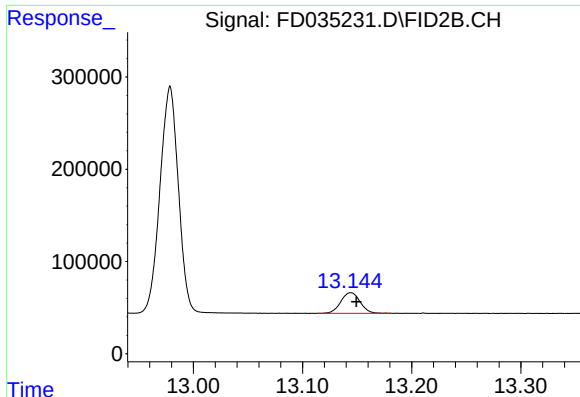
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.552 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

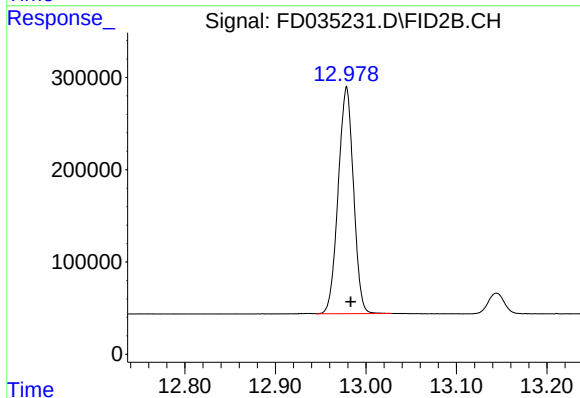
R.T.: 12.534 min
Delta R.T.: -0.006 min
Response: 280094
Conc: 2.29 ug/ml



#11 n-Heneicosane (C21)

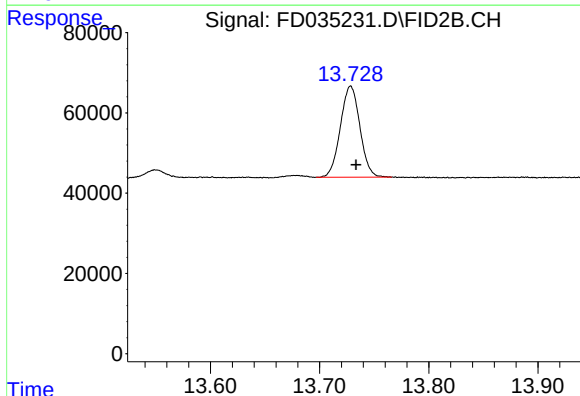
R.T.: 13.144 min
Delta R.T.: -0.005 min
Response: 277541
Conc: 2.27 ug/ml

Instrument :
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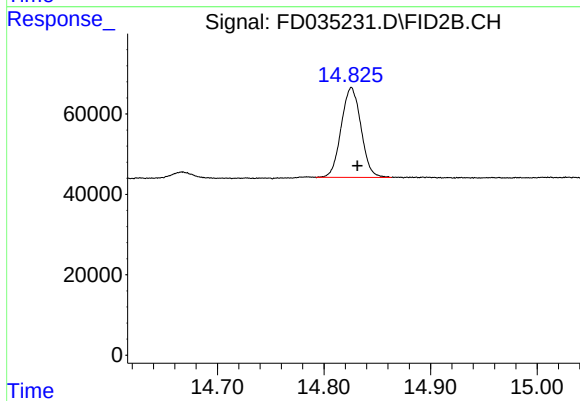
#12 1-chlorooctadecane (SURR)

R.T.: 12.979 min
Delta R.T.: -0.005 min
Response: 2878172
Conc: 27.81 ug/ml



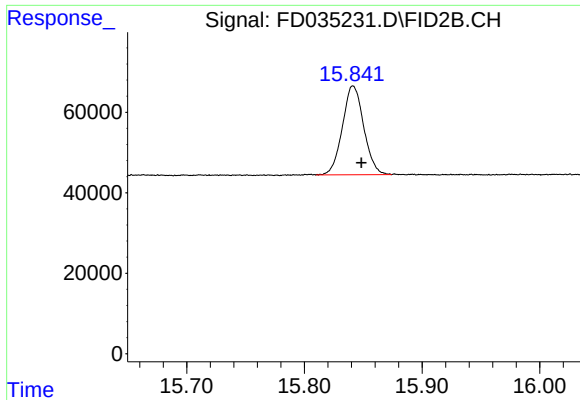
#13 n-Docosane (C22)

R.T.: 13.728 min
Delta R.T.: -0.005 min
Response: 283054
Conc: 2.32 ug/ml



#14 n-Tetracosane (C24)

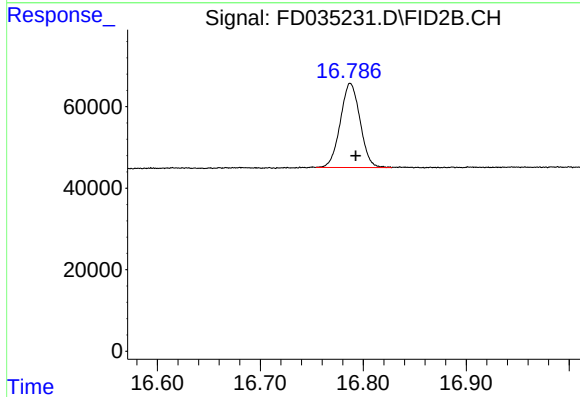
R.T.: 14.826 min
Delta R.T.: -0.006 min
Response: 287751
Conc: 2.37 ug/ml



#15 n-Hexacosane (C26)

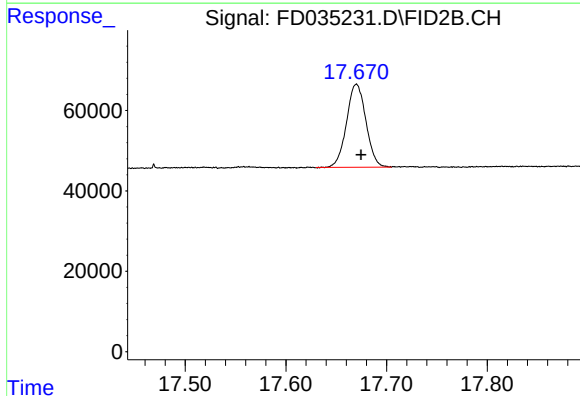
R.T.: 15.841 min
Delta R.T.: -0.007 min
Response: 278399
Conc: 2.35 ug/ml

Instrument :
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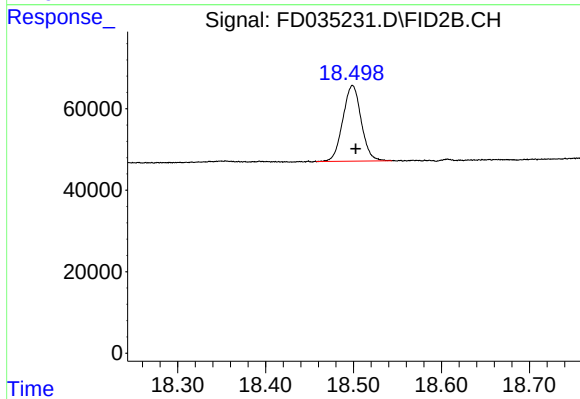
#16 n-Octacosane (C28)

R.T.: 16.787 min
Delta R.T.: -0.005 min
Response: 274047
Conc: 2.37 ug/ml



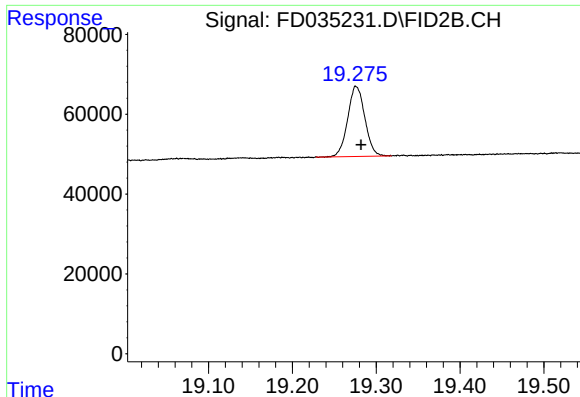
#17 n-Tricontane (C30)

R.T.: 17.670 min
Delta R.T.: -0.005 min
Response: 276824
Conc: 2.50 ug/ml



#18 n-Dotriacontane (C32)

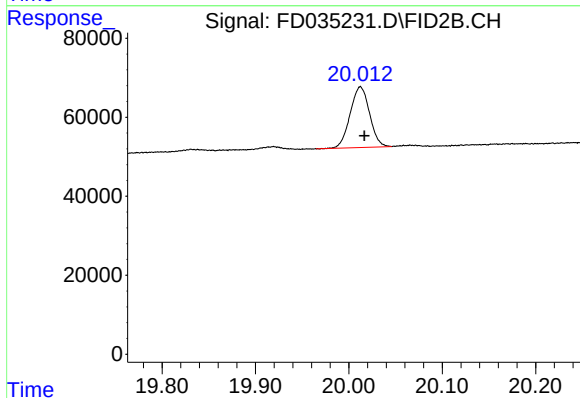
R.T.: 18.499 min
Delta R.T.: -0.004 min
Response: 268739
Conc: 2.68 ug/ml



#19 n-Tetratriacontane (C34)

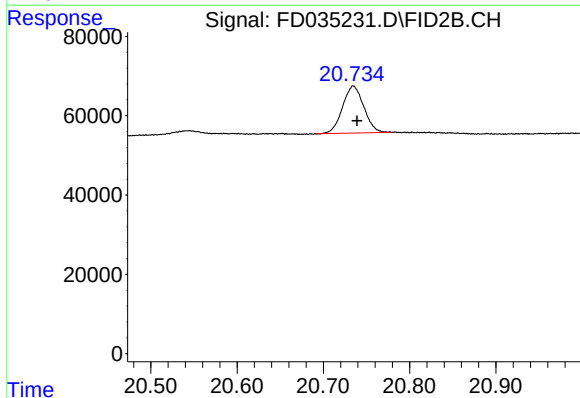
R.T.: 19.276 min
Delta R.T.: -0.006 min
Response: 250543
Conc: 2.73 ug/ml

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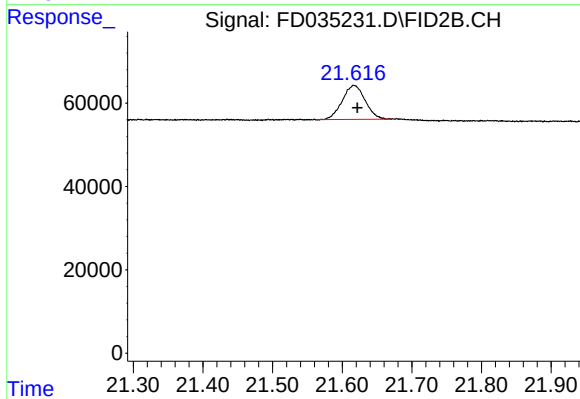
#20 n-Hexatriacontane (C36)

R.T.: 20.012 min
Delta R.T.: -0.004 min
Response: 221517
Conc: 2.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.735 min
Delta R.T.: -0.005 min
Response: 203119
Conc: 2.57 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.617 min
Delta R.T.: -0.005 min
Response: 186375
Conc: 2.29 ug/ml