

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102920AL\
 Data File : FD035230.D
 Signal(s) : FID2B.CH
 Acq On : 30 Oct 2020 7:47
 Operator : DD\AJ
 Sample : L4214-03
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Oct 30 08:35:59 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...	12.980	3090627	29.865 ug/ml
Spiked Amount 50.000		Recovery =	59.73%
Target Compounds			
1) T n-Nonane (C9)	3.338	162154	1.439 ug/ml
2) T n-Decane (C10)	4.401	197738	1.747 ug/ml
4) T n-Dodecane (C12)	6.411	248963	2.157 ug/ml
6) T n-Tetradecane (C14)	8.199	247128	2.156 ug/ml
7) T n-Hexadecane (C16)	9.795	238470	2.072 ug/ml
8) T n-Octadecane (C18)	11.230	270417	2.236 ug/ml
10) T n-Eicosane (C20)	12.535	281908	2.300 ug/ml
11) T n-Heneicosane (C21)	13.145	274963	2.245 ug/ml
13) T n-Docosane (C22)	13.728	305579	2.500 ug/ml
14) T n-Tetracosane (C24)	14.826	306999	2.532 ug/ml
15) T n-Hexacosane (C26)	15.843	312174	2.638 ug/ml
16) T n-Octacosane (C28)	16.787	314419	2.718 ug/ml
17) T n-Tricontane (C30)	17.671	324079	2.933 ug/ml
18) T n-Dotriacontane (C32)	18.499	302898	3.015 ug/ml
19) T n-Tetratriacontane (C34)	19.279	268361	2.919 ug/ml
20) T n-Hexatriacontane (C36)	20.013	223295	2.664 ug/ml
21) T n-Octatriacontane (C38)	20.736	208482	2.641 ug/ml
22) T n-Tetracontane (C40)	21.618	186483	2.293 ug/ml

(f)=RT Delta > 1/2 Window

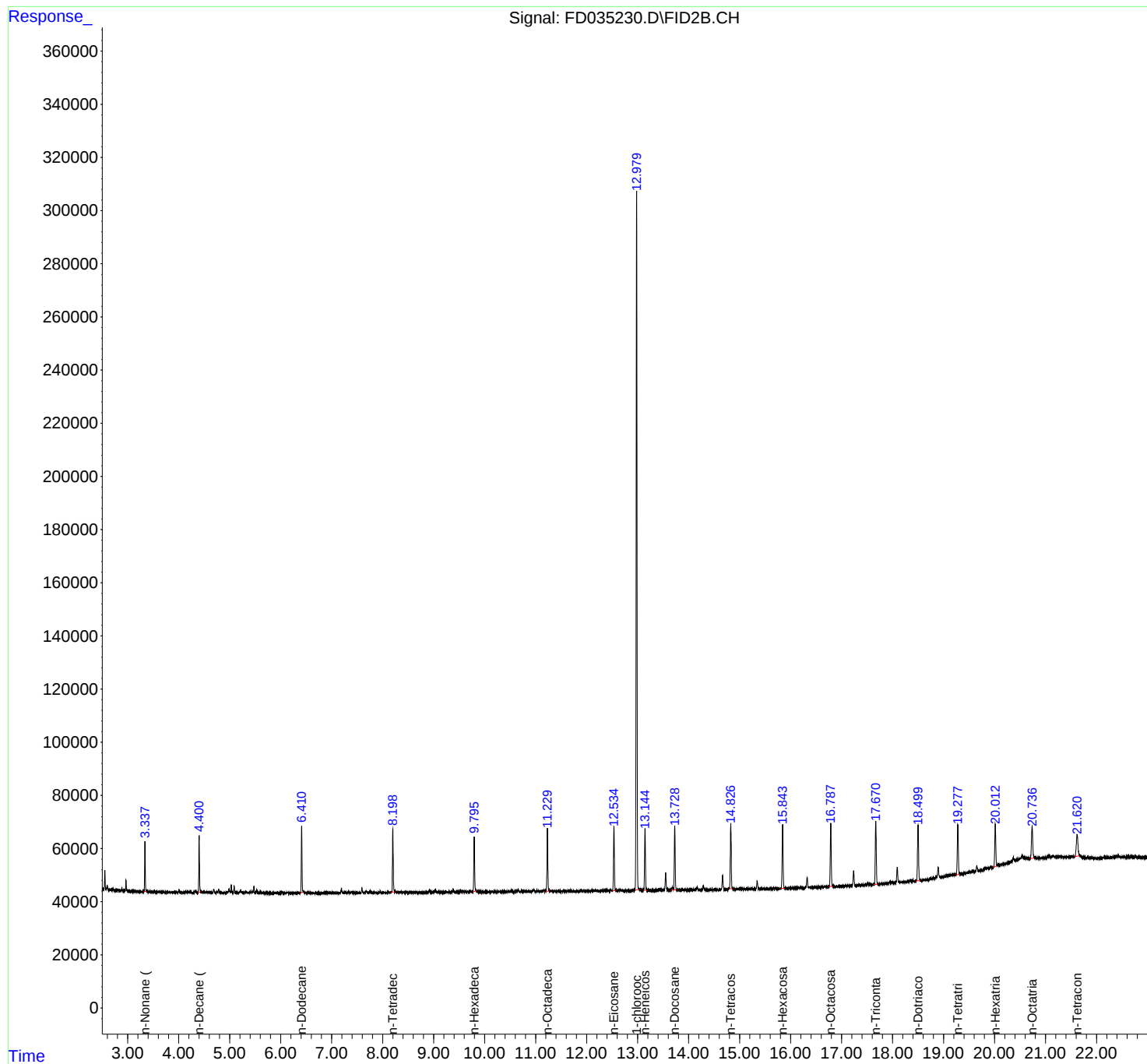
(m)=manual int.

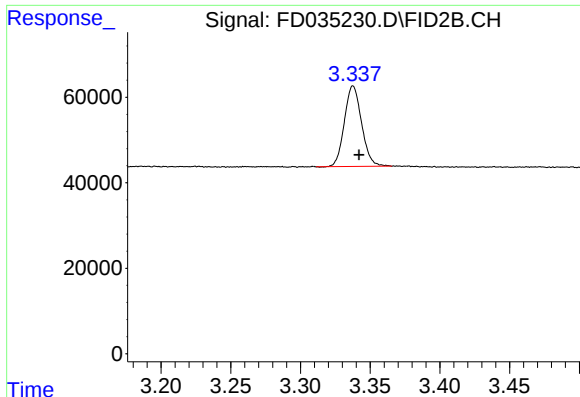
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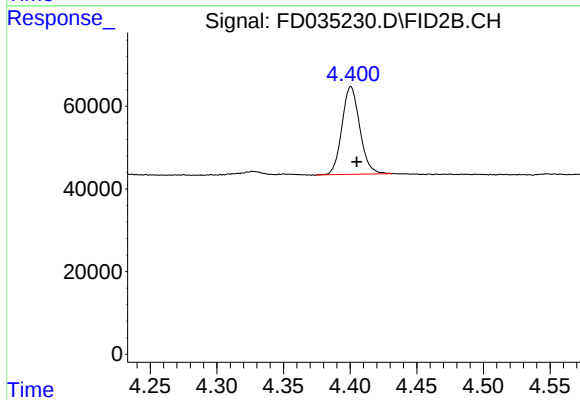




#1 n-Nonane (C9)

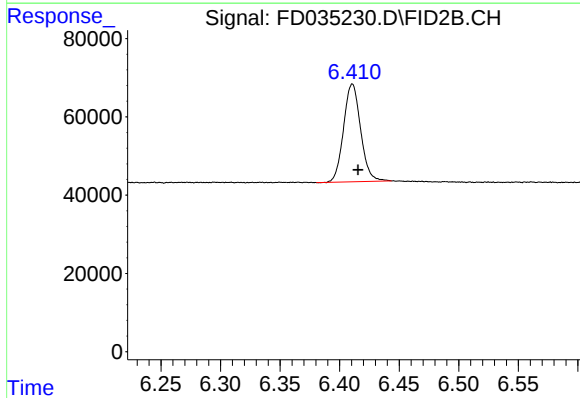
R.T.: 3.338 min
Delta R.T.: -0.004 min
Response: 162154
Conc: 1.44 ug/ml

Instrument :
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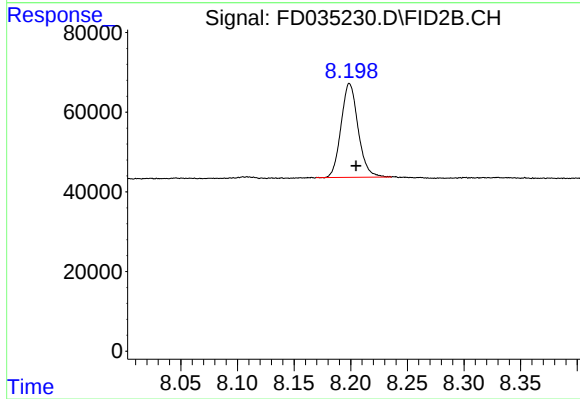
#2 n-Decane (C10)

R.T.: 4.401 min
Delta R.T.: -0.004 min
Response: 197738
Conc: 1.75 ug/ml



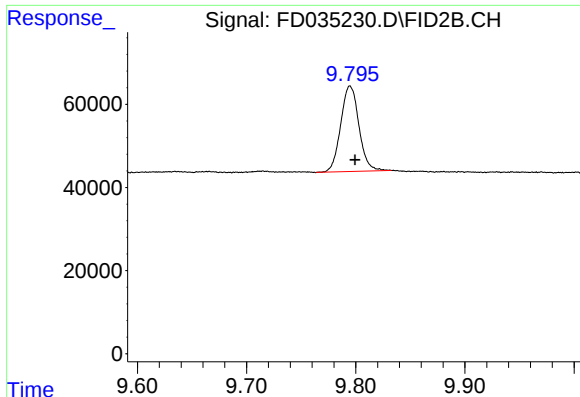
#4 n-Dodecane (C12)

R.T.: 6.411 min
Delta R.T.: -0.005 min
Response: 248963
Conc: 2.16 ug/ml



#6 n-Tetradecane (C14)

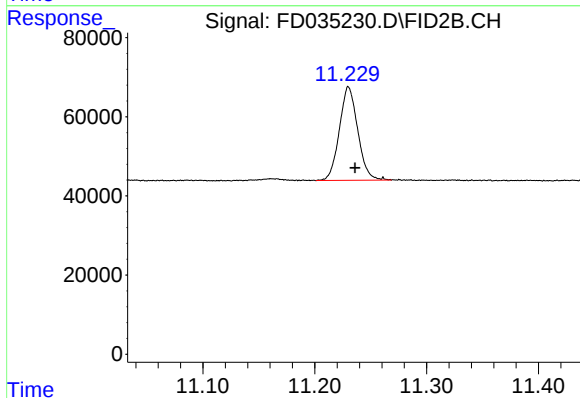
R.T.: 8.199 min
Delta R.T.: -0.006 min
Response: 247128
Conc: 2.16 ug/ml



#7 n-Hexadecane (C16)

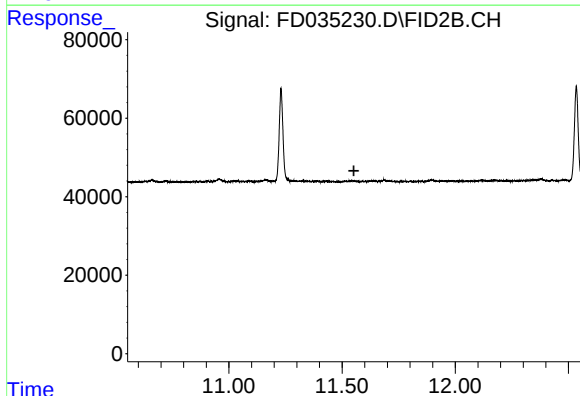
R.T.: 9.795 min
Delta R.T.: -0.005 min
Response: 238470
Conc: 2.07 ug/ml

Instrument :
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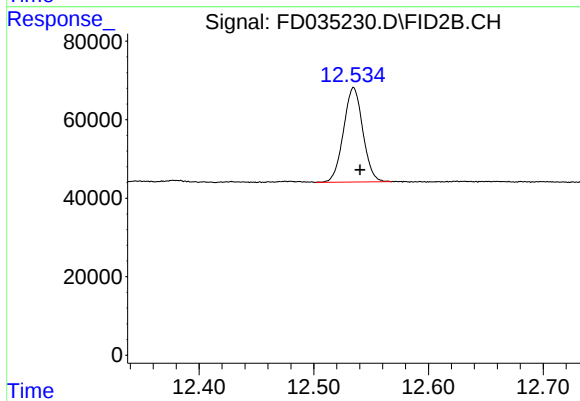
#8 n-Octadecane (C18)

R.T.: 11.230 min
Delta R.T.: -0.006 min
Response: 270417
Conc: 2.24 ug/ml



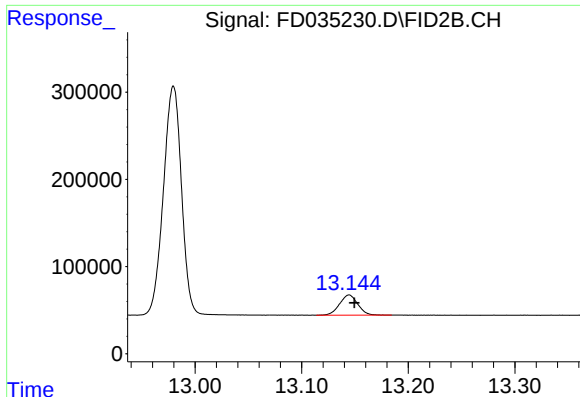
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

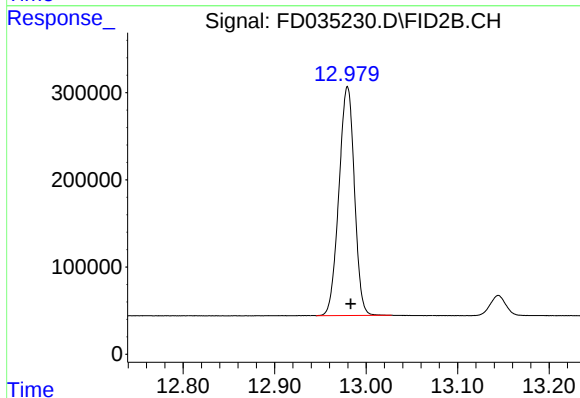
R.T.: 12.535 min
Delta R.T.: -0.006 min
Response: 281908
Conc: 2.30 ug/ml



#11 n-Heneicosane (C21)

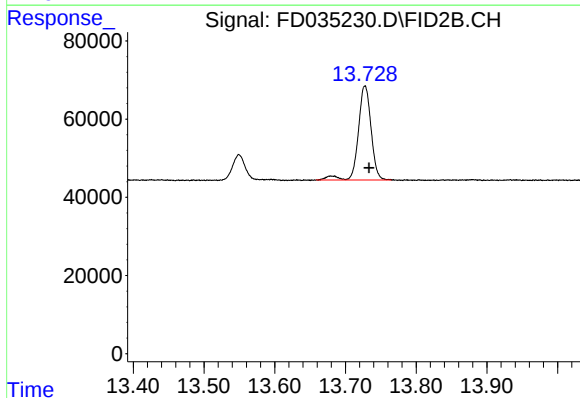
R.T.: 13.145 min
Delta R.T.: -0.005 min
Response: 274963
Conc: 2.25 ug/ml

Instrument :
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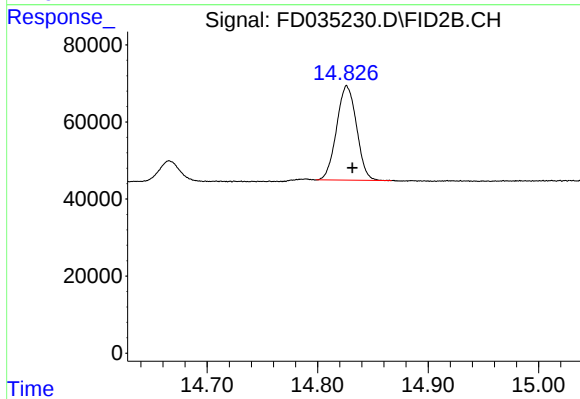
#12 1-chlorooctadecane (SURR)

R.T.: 12.980 min
Delta R.T.: -0.004 min
Response: 3090627
Conc: 29.86 ug/ml



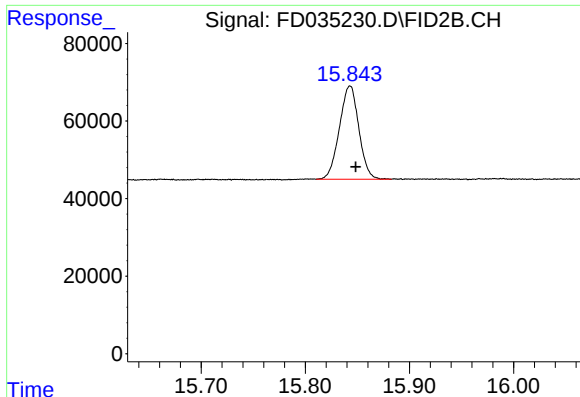
#13 n-Docosane (C22)

R.T.: 13.728 min
Delta R.T.: -0.006 min
Response: 305579
Conc: 2.50 ug/ml



#14 n-Tetracosane (C24)

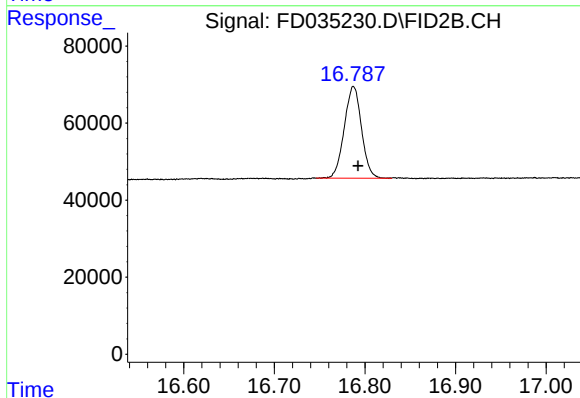
R.T.: 14.826 min
Delta R.T.: -0.005 min
Response: 306999
Conc: 2.53 ug/ml



#15 n-Hexacosane (C26)

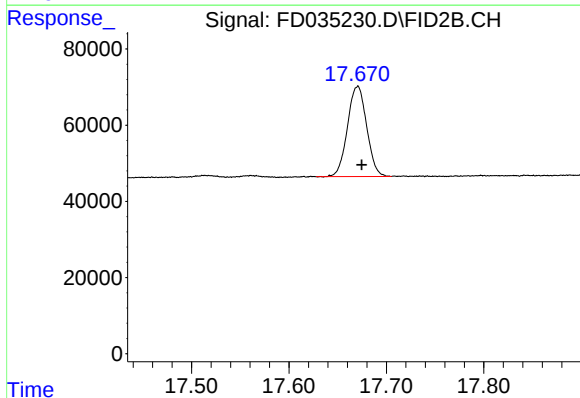
R.T.: 15.843 min
Delta R.T.: -0.005 min
Response: 312174
Conc: 2.64 ug/ml

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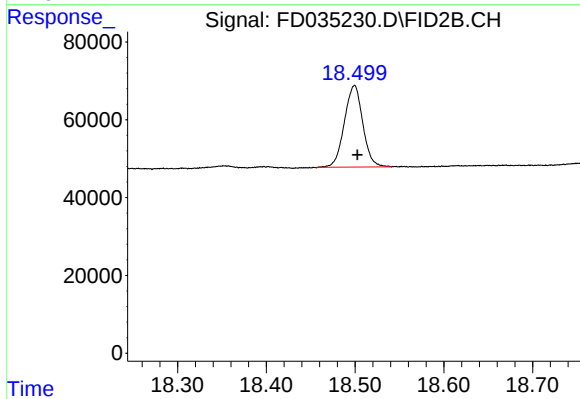
#16 n-Octacosane (C28)

R.T.: 16.787 min
Delta R.T.: -0.005 min
Response: 314419
Conc: 2.72 ug/ml



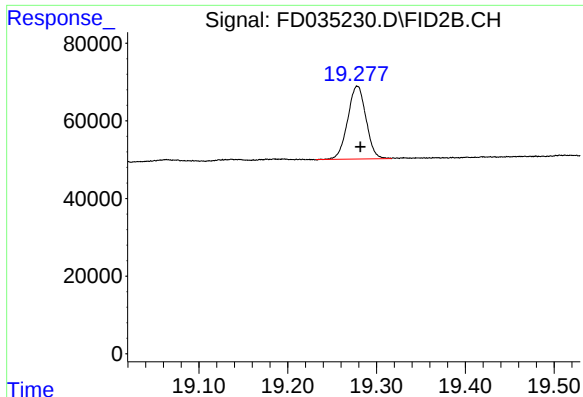
#17 n-Tricontane (C30)

R.T.: 17.671 min
Delta R.T.: -0.004 min
Response: 324079
Conc: 2.93 ug/ml



#18 n-Dotriacontane (C32)

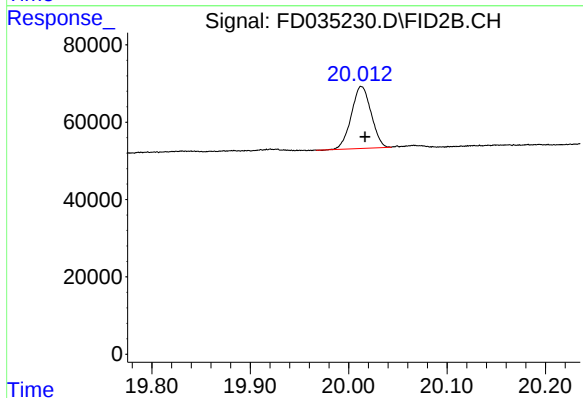
R.T.: 18.499 min
Delta R.T.: -0.003 min
Response: 302898
Conc: 3.02 ug/ml



#19 n-Tetratriacontane (C34)

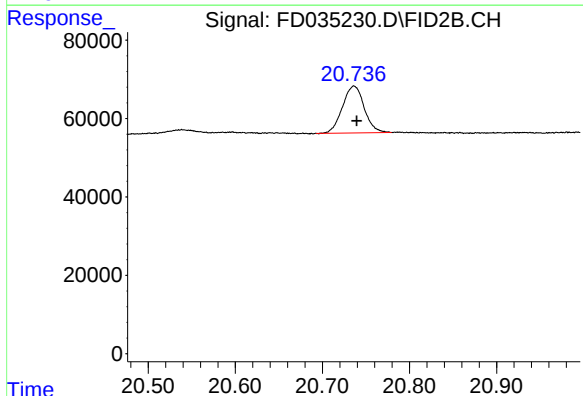
R.T.: 19.279 min
Delta R.T.: -0.003 min
Response: 268361
Conc: 2.92 ug/ml

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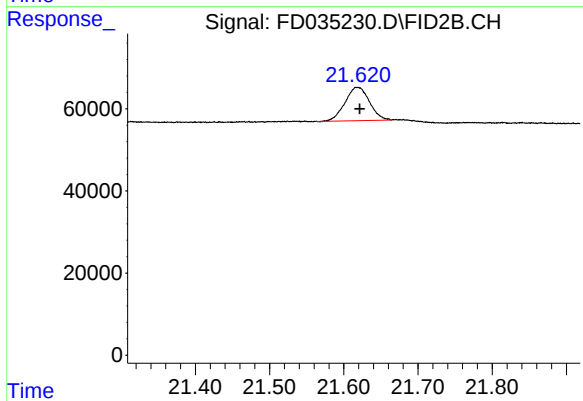
#20 n-Hexatriacontane (C36)

R.T.: 20.013 min
Delta R.T.: -0.004 min
Response: 223295
Conc: 2.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.736 min
Delta R.T.: -0.003 min
Response: 208482
Conc: 2.64 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.618 min
Delta R.T.: -0.004 min
Response: 186483
Conc: 2.29 ug/ml