

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022323AL\
 Data File : FD045133.D
 Signal(s) : FID2B.ch
 Acq On : 23 Feb 2023 12:45
 Operator : YP/AJ
 Sample : 01627-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2023

Integration File: autoint1.e
 Quant Time: Feb 24 04:08:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 05:29:49 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	12.886	5854596	50.622 ug/ml
Spiked Amount 50.000		Recovery =	101.24%
Target Compounds			
1) T n-Nonane (C9)	3.268	421926	3.103 ug/ml
2) T n-Decane (C10)	4.325	517027	3.871 ug/ml
4) T n-Dodecane (C12)	6.329	663784	4.909 ug/ml
6) T n-Tetradecane (C14)	8.114	612030	4.507 ug/ml
7) T n-Hexadecane (C16)	9.706	657914	4.727 ug/ml
8) T n-Octadecane (C18)	11.140	745828	5.316 ug/ml
10) T n-Eicosane (C20)	12.442	713827	5.269 ug/ml
11) T n-Heneicosane (C21)	13.050	685097	5.024 ug/ml
13) T n-Docosane (C22)	13.632	730183	5.453 ug/ml
14) T n-Tetracosane (C24)	14.728	700641	5.350 ug/ml
15) T n-Hexacosane (C26)	15.743	676030	5.368 ug/ml
16) T n-Octacosane (C28)	16.686	644940	5.262 ug/ml
17) T n-Tricontane (C30)	17.567	627119	5.297 ug/ml
18) T n-Dotriacontane (C32)	18.395	622767	5.320 ug/ml
19) T n-Tetratriacontane (C34)	19.173	592010	5.150 ug/ml
20) T n-Hexatriacontane (C36)	19.906	567498	5.167 ug/ml
21) T n-Octatriacontane (C38)	20.611	545982	5.066 ug/ml
22) T n-Tetracontane (C40)	21.446	517524	4.827 ug/ml

(f)=RT Delta > 1/2 Window

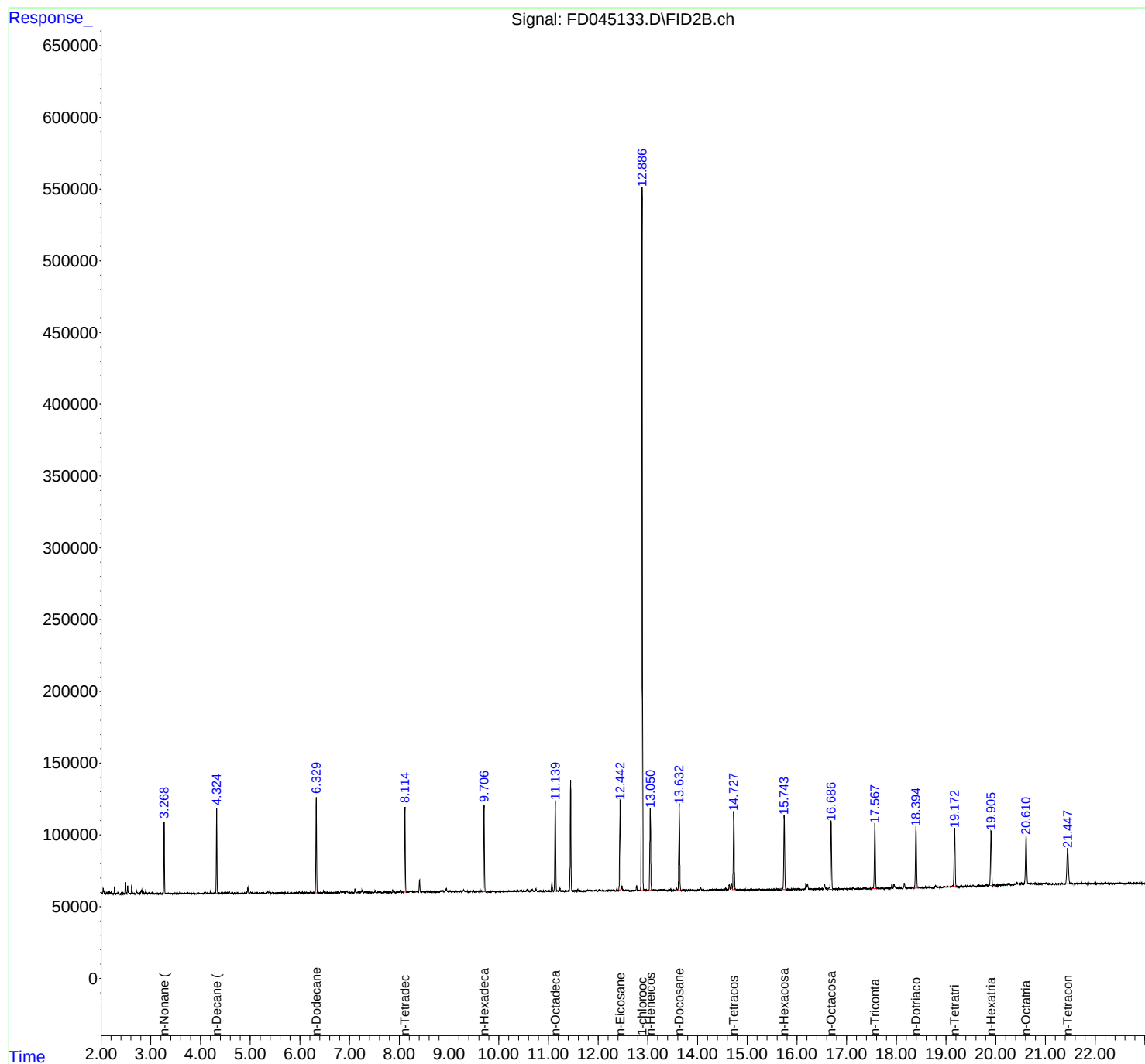
(m)=manual int.

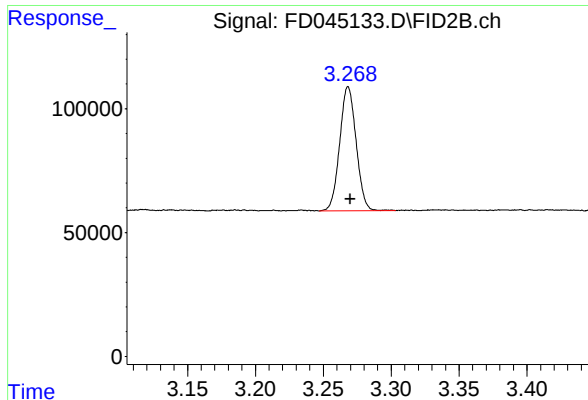
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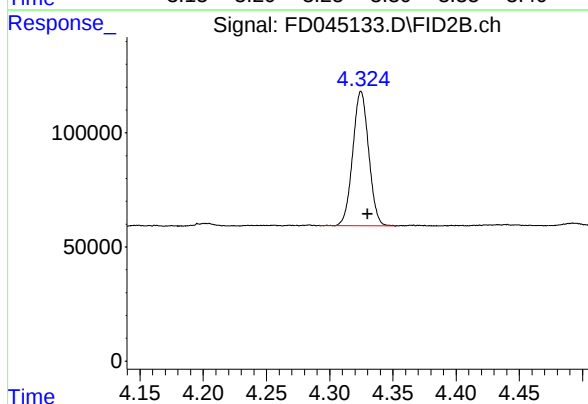




#1 n-Nonane (C9)

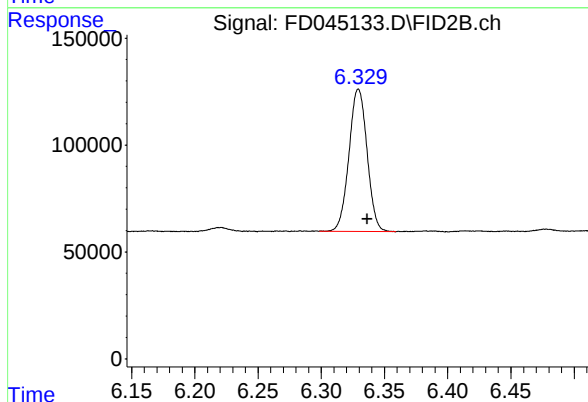
R.T.: 3.268 min
Delta R.T.: -0.002 min
Response: 421926
Conc: 3.10 ug/ml

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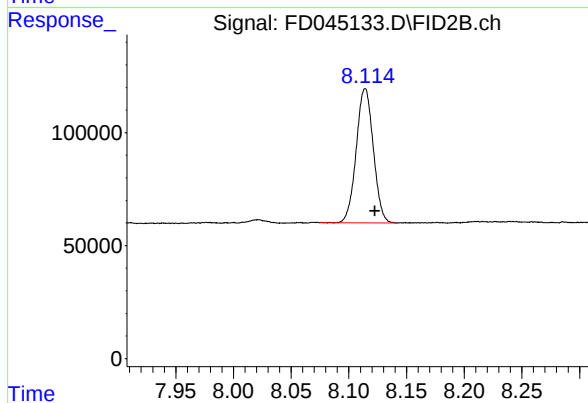
#2 n-Decane (C10)

R.T.: 4.325 min
Delta R.T.: -0.005 min
Response: 517027
Conc: 3.87 ug/ml



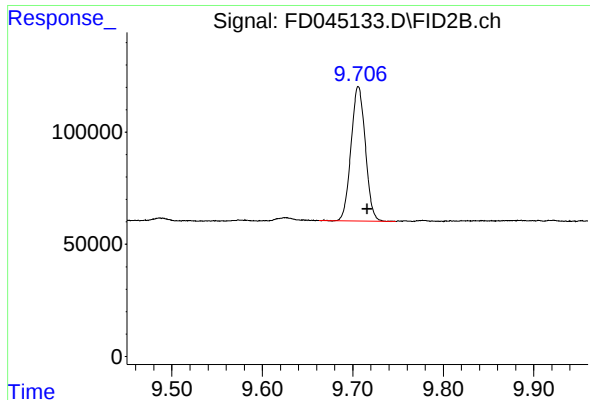
#4 n-Dodecane (C12)

R.T.: 6.329 min
Delta R.T.: -0.007 min
Response: 663784
Conc: 4.91 ug/ml



#6 n-Tetradecane (C14)

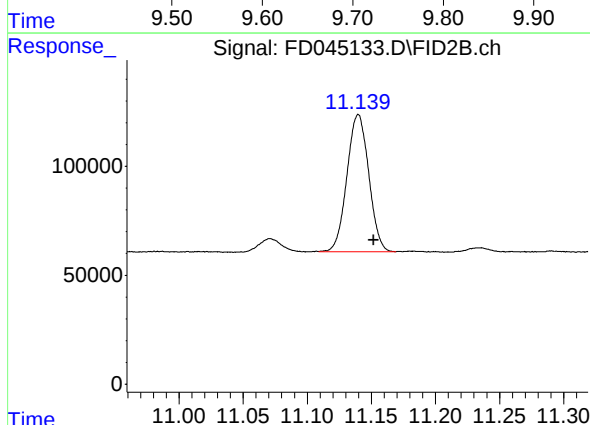
R.T.: 8.114 min
Delta R.T.: -0.009 min
Response: 612030
Conc: 4.51 ug/ml



#7 n-Hexadecane (C16)

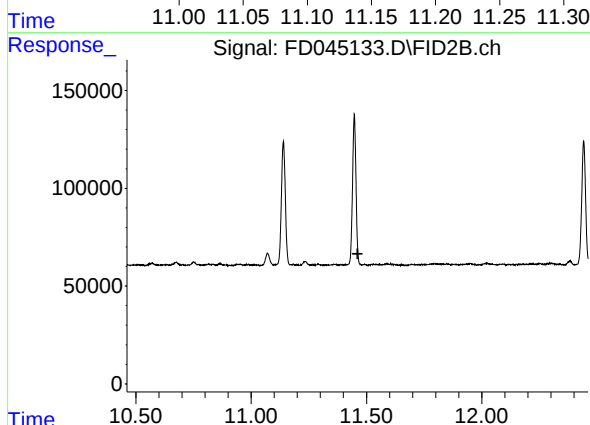
R.T.: 9.706 min
Delta R.T.: -0.010 min
Response: 657914
Conc: 4.73 ug/ml

Instrument :
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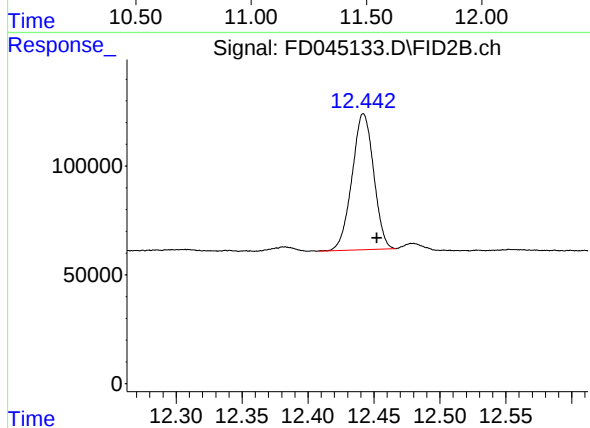
#8 n-Octadecane (C18)

R.T.: 11.140 min
Delta R.T.: -0.012 min
Response: 745828
Conc: 5.32 ug/ml



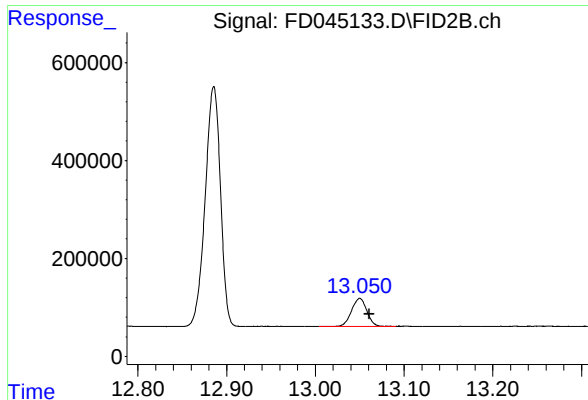
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.461 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

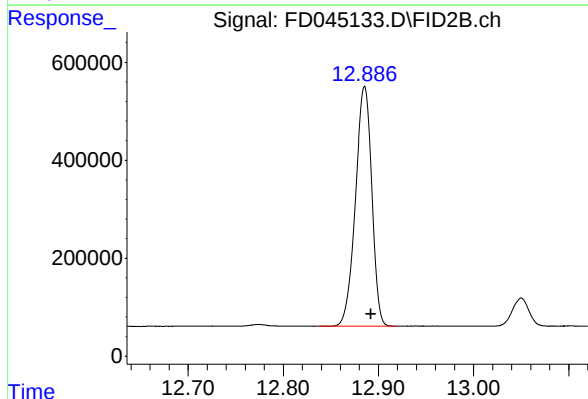
R.T.: 12.442 min
Delta R.T.: -0.010 min
Response: 713827
Conc: 5.27 ug/ml



#11 n-Heneicosane (C21)

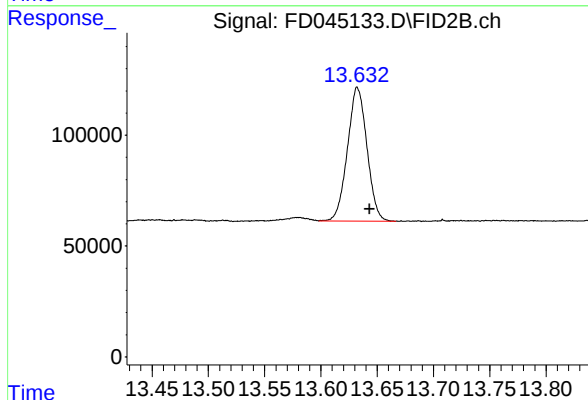
R.T.: 13.050 min
Delta R.T.: -0.011 min
Response: 685097
Conc: 5.02 ug/ml

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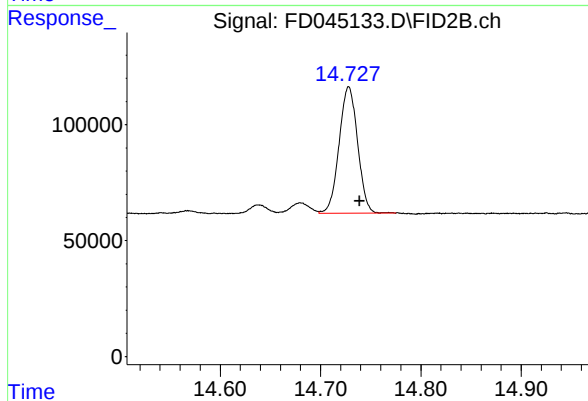
#12 1-chlorooctadecane (SURR)

R.T.: 12.886 min
Delta R.T.: -0.007 min
Response: 5854596
Conc: 50.62 ug/ml



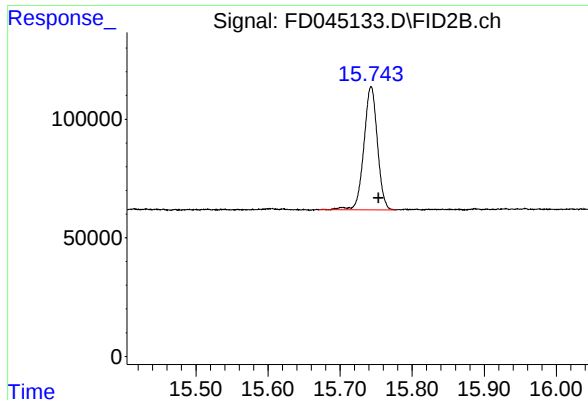
#13 n-Docosane (C22)

R.T.: 13.632 min
Delta R.T.: -0.011 min
Response: 730183
Conc: 5.45 ug/ml



#14 n-Tetracosane (C24)

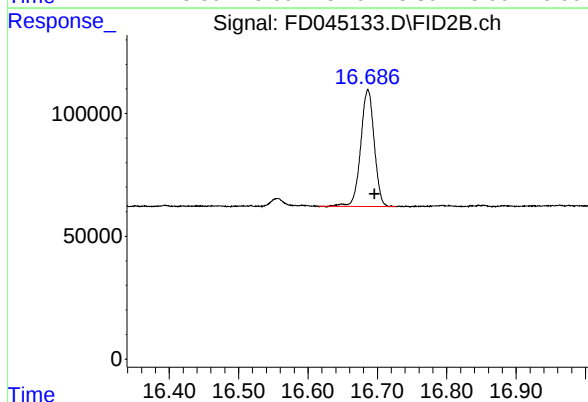
R.T.: 14.728 min
Delta R.T.: -0.011 min
Response: 700641
Conc: 5.35 ug/ml



#15 n-Hexacosane (C26)

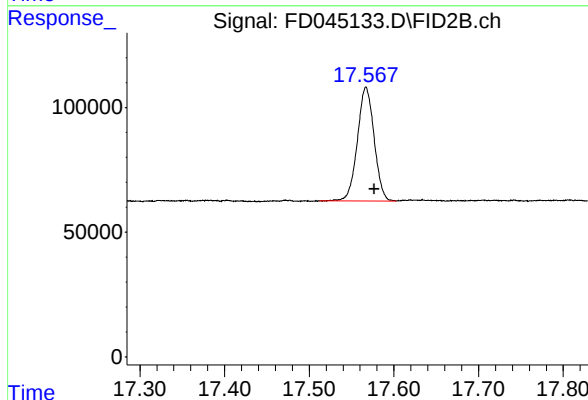
R.T.: 15.743 min
Delta R.T.: -0.010 min
Response: 676030
Conc: 5.37 ug/ml

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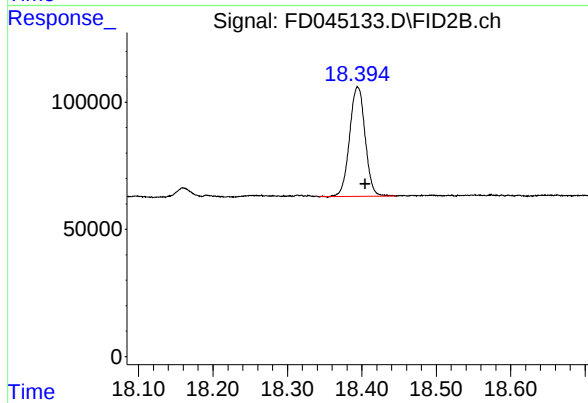
#16 n-Octacosane (C28)

R.T.: 16.686 min
Delta R.T.: -0.010 min
Response: 644940
Conc: 5.26 ug/ml



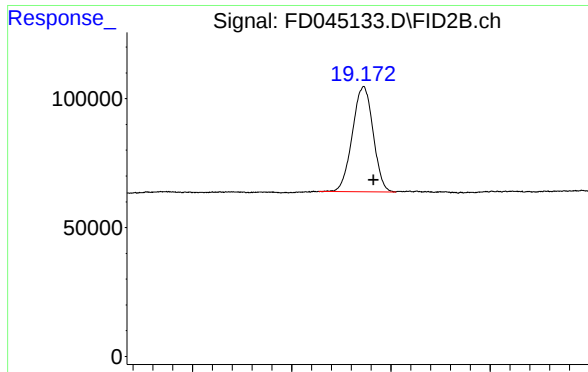
#17 n-Tricontane (C30)

R.T.: 17.567 min
Delta R.T.: -0.010 min
Response: 627119
Conc: 5.30 ug/ml



#18 n-Dotriacontane (C32)

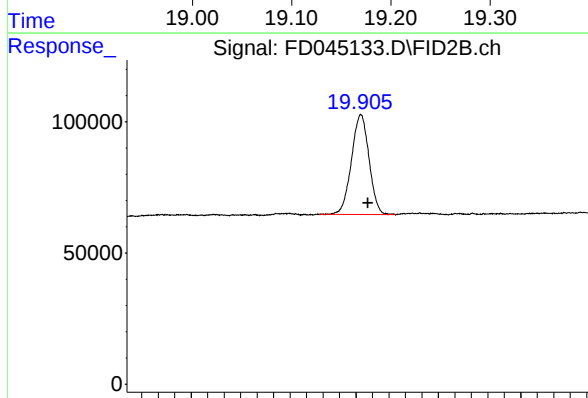
R.T.: 18.395 min
Delta R.T.: -0.010 min
Response: 622767
Conc: 5.32 ug/ml



#19 n-Tetratriacontane (C34)

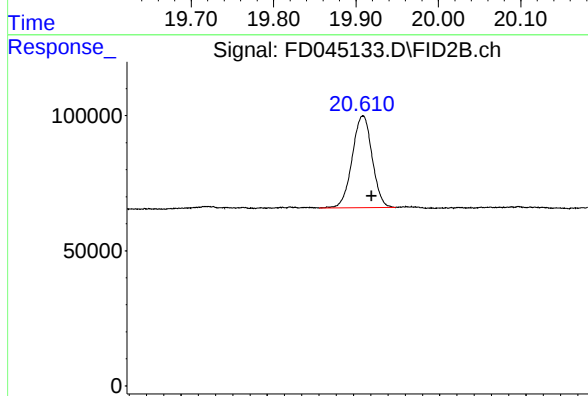
R.T.: 19.173 min
Delta R.T.: -0.010 min
Response: 592010
Conc: 5.15 ug/ml

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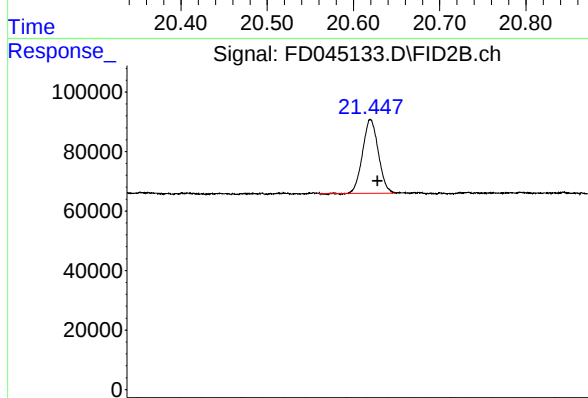
#20 n-Hexatriacontane (C36)

R.T.: 19.906 min
Delta R.T.: -0.009 min
Response: 567498
Conc: 5.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.611 min
Delta R.T.: -0.010 min
Response: 545982
Conc: 5.07 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.446 min
Delta R.T.: -0.014 min
Response: 517524
Conc: 4.83 ug/ml