

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080923AL\
 Data File : FD046314.D
 Signal(s) : FID2B.ch
 Acq On : 09 Aug 2023 14:28
 Operator : YP/AJ
 Sample : 03572-02
 Misc : LOQ 5 PPM
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-SOIL-02-QT3-2023

Integration File: autoint1.e
 Quant Time: Aug 09 23:59:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072023.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 14:31:50 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...	12.830	6406634	53.244 ug/ml
Spiked Amount 50.000		Recovery =	106.49%
Target Compounds			
1) T n-Nonane (C9)	3.223	649045	4.117 ug/ml
2) T n-Decane (C10)	4.277	634904	3.953 ug/ml
4) T n-Dodecane (C12)	6.278	651558	4.031 ug/ml
6) T n-Tetradecane (C14)	8.062	661704	4.159 ug/ml
7) T n-Hexadecane (C16)	9.653	672948	4.135 ug/ml
8) T n-Octadecane (C18)	11.086	711344	4.410 ug/ml
10) T n-Eicosane (C20)	12.386	713892	4.783 ug/ml
11) T n-Heneicosane (C21)	12.994	720701	4.993 ug/ml
13) T n-Docosane (C22)	13.576	726082	5.197 ug/ml
14) T n-Tetracosane (C24)	14.672	730113	5.302 ug/ml
15) T n-Hexacosane (C26)	15.685	727529	5.691 ug/ml
16) T n-Octacosane (C28)	16.626	732257	6.014 ug/ml
17) T n-Tricontane (C30)	17.506	731185	5.908 ug/ml
18) T n-Dotriacontane (C32)	18.332	711951	5.831 ug/ml
19) T n-Tetratriacontane (C34)	19.109	670025	5.237 ug/ml
20) T n-Hexatriacontane (C36)	19.844	614297	5.364 ug/ml
21) T n-Octatriacontane (C38)	20.542	563477	5.005 ug/ml
22) T n-Tetracontane (C40)	21.359	523346	4.879 ug/ml

(f)=RT Delta > 1/2 Window

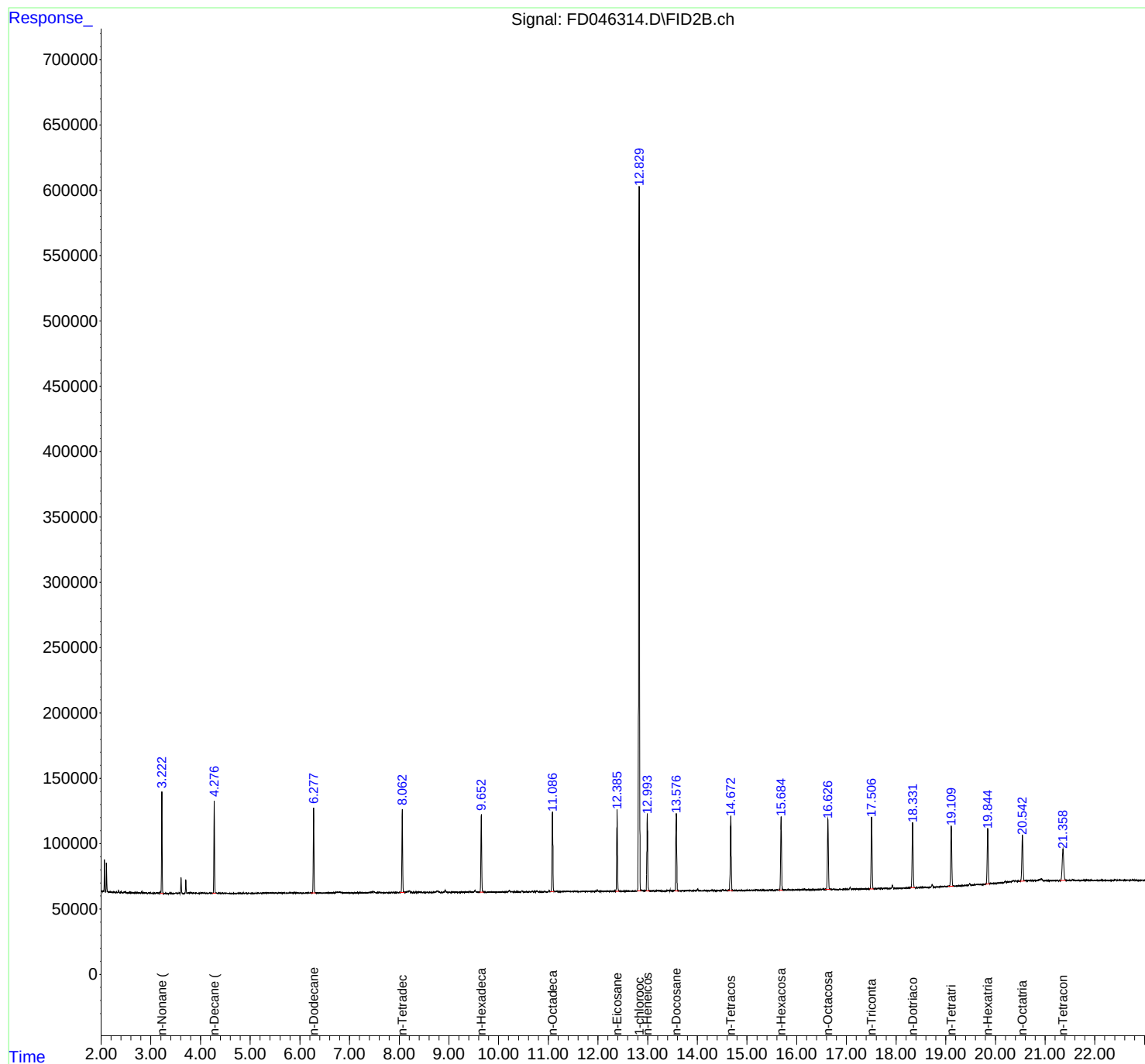
(m)=manual int.

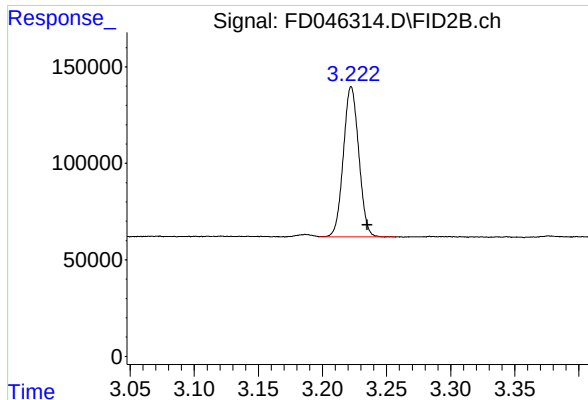
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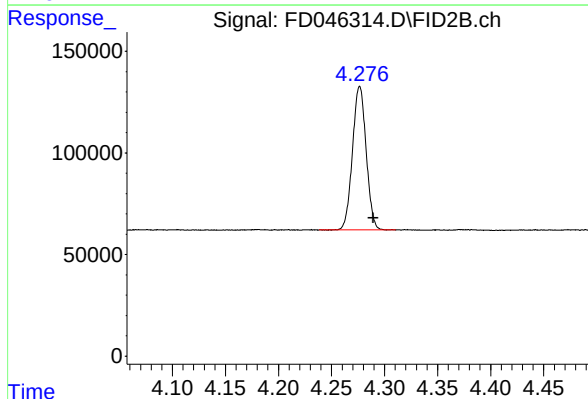




#1 n-Nonane (C9)

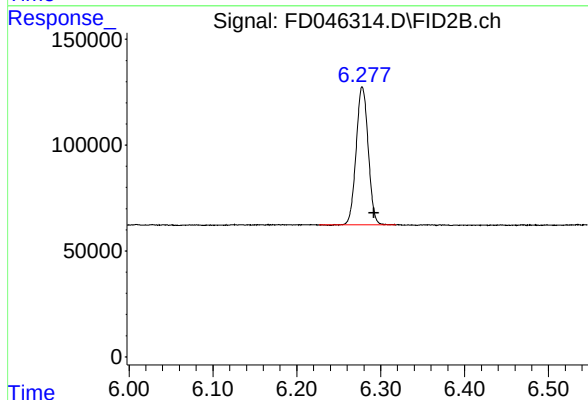
R.T.: 3.223 min
Delta R.T.: -0.012 min
Response: 649045
Conc: 4.12 ug/ml

Instrument :
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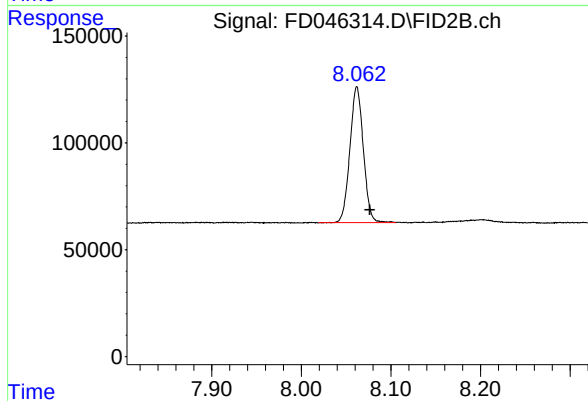
#2 n-Decane (C10)

R.T.: 4.277 min
Delta R.T.: -0.013 min
Response: 634904
Conc: 3.95 ug/ml



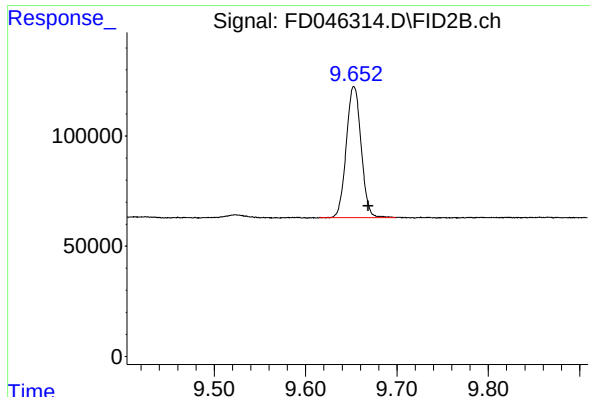
#4 n-Dodecane (C12)

R.T.: 6.278 min
Delta R.T.: -0.014 min
Response: 651558
Conc: 4.03 ug/ml



#6 n-Tetradecane (C14)

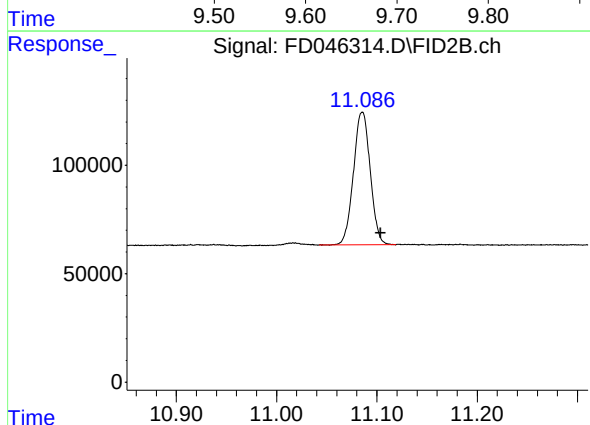
R.T.: 8.062 min
Delta R.T.: -0.015 min
Response: 661704
Conc: 4.16 ug/ml



#7 n-Hexadecane (C16)

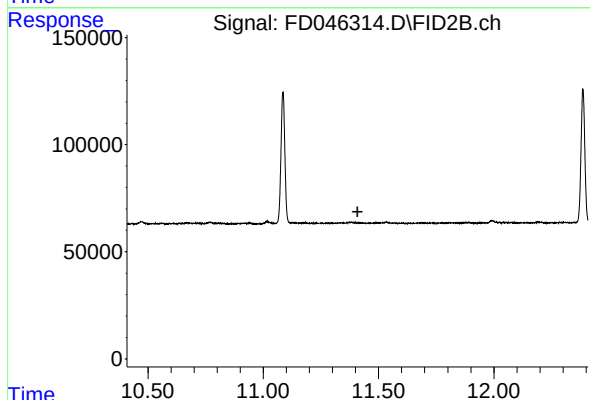
R.T.: 9.653 min
Delta R.T.: -0.016 min
Response: 672948
Conc: 4.14 ug/ml

Instrument :
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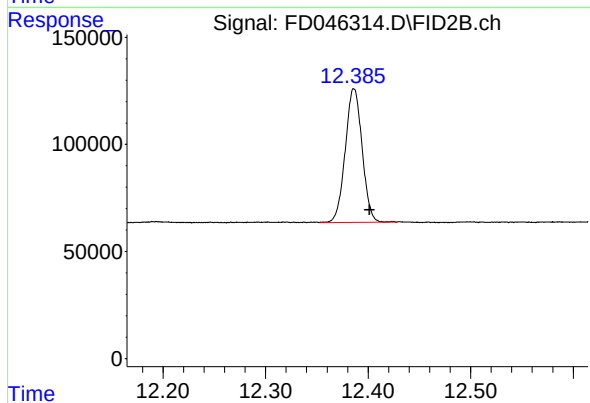
#8 n-Octadecane (C18)

R.T.: 11.086 min
Delta R.T.: -0.018 min
Response: 711344
Conc: 4.41 ug/ml



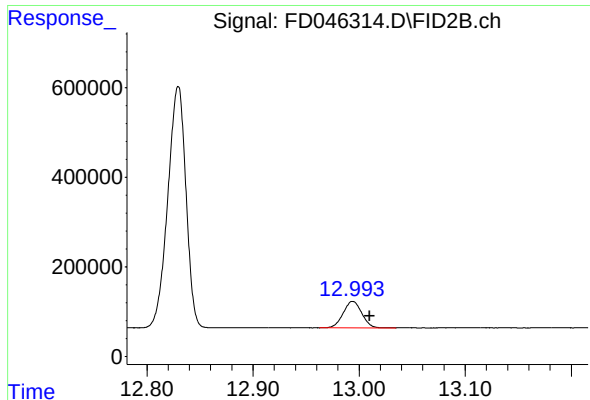
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.409 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

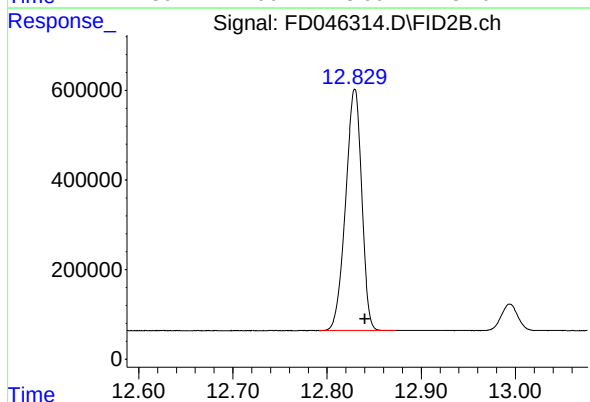
R.T.: 12.386 min
Delta R.T.: -0.015 min
Response: 713892
Conc: 4.78 ug/ml



#11 n-Heneicosane (C21)

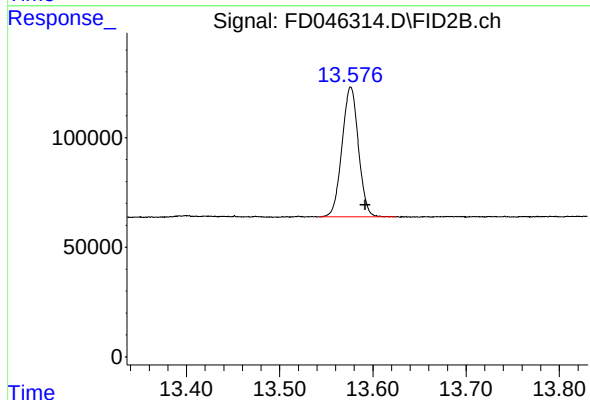
R.T.: 12.994 min
Delta R.T.: -0.016 min
Response: 720701
Conc: 4.99 ug/ml

Instrument :
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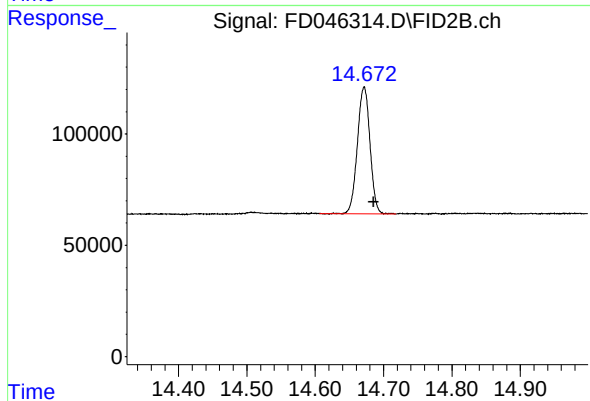
#12 1-chlorooctadecane (SURR)

R.T.: 12.830 min
Delta R.T.: -0.011 min
Response: 6406634
Conc: 53.24 ug/ml



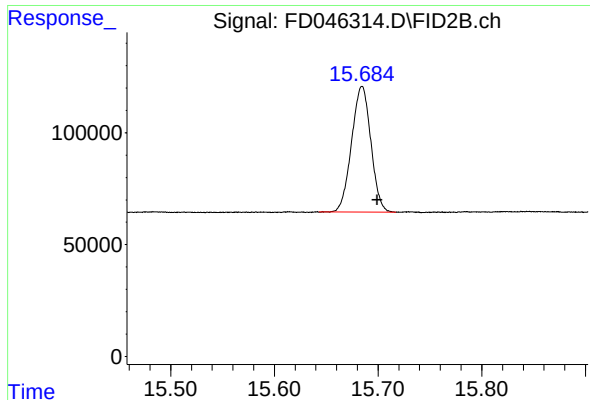
#13 n-Docosane (C22)

R.T.: 13.576 min
Delta R.T.: -0.015 min
Response: 726082
Conc: 5.20 ug/ml



#14 n-Tetracosane (C24)

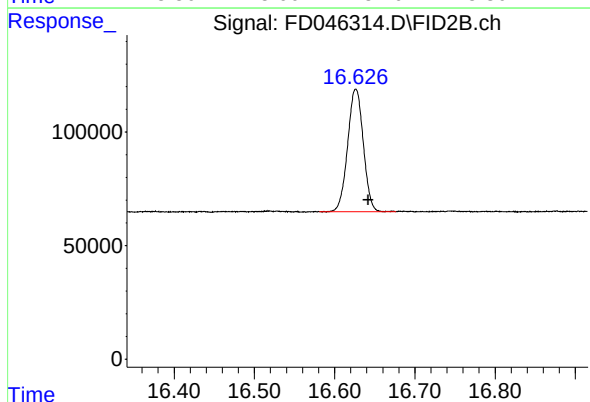
R.T.: 14.672 min
Delta R.T.: -0.014 min
Response: 730113
Conc: 5.30 ug/ml



#15 n-Hexacosane (C26)

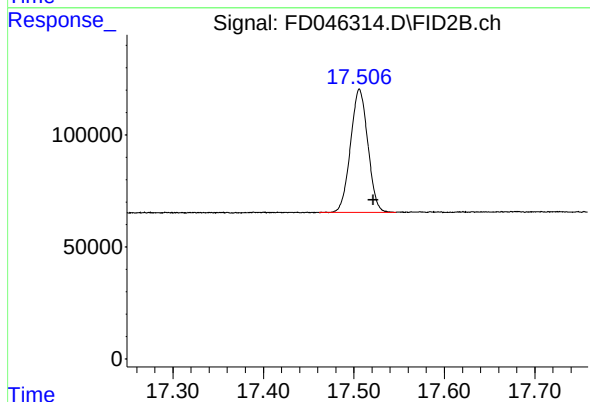
R.T.: 15.685 min
Delta R.T.: -0.015 min
Response: 727529
Conc: 5.69 ug/ml

Instrument :
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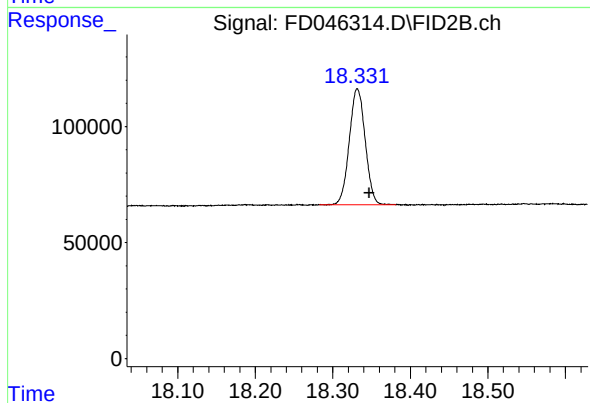
#16 n-Octacosane (C28)

R.T.: 16.626 min
Delta R.T.: -0.016 min
Response: 732257
Conc: 6.01 ug/ml



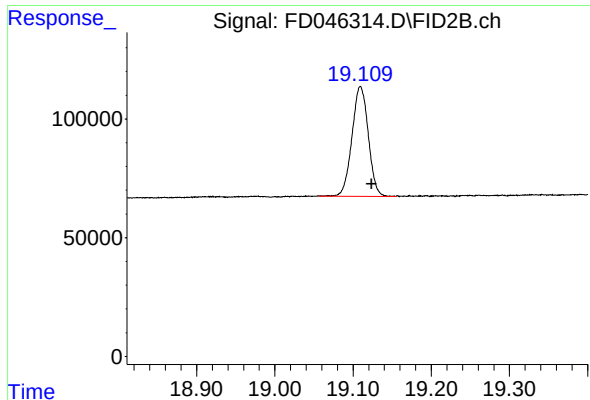
#17 n-Tricontane (C30)

R.T.: 17.506 min
Delta R.T.: -0.015 min
Response: 731185
Conc: 5.91 ug/ml



#18 n-Dotriacontane (C32)

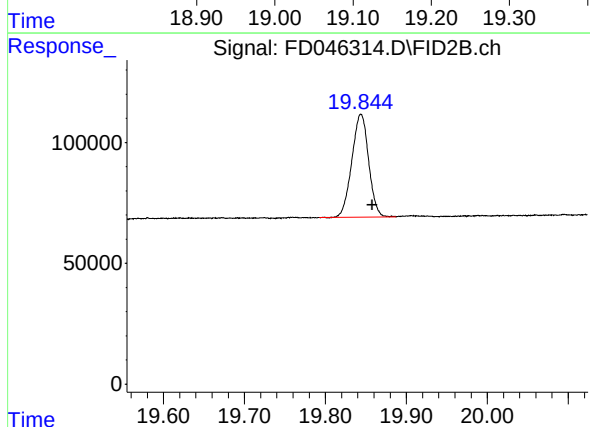
R.T.: 18.332 min
Delta R.T.: -0.015 min
Response: 711951
Conc: 5.83 ug/ml



#19 n-Tetratriacontane (C34)

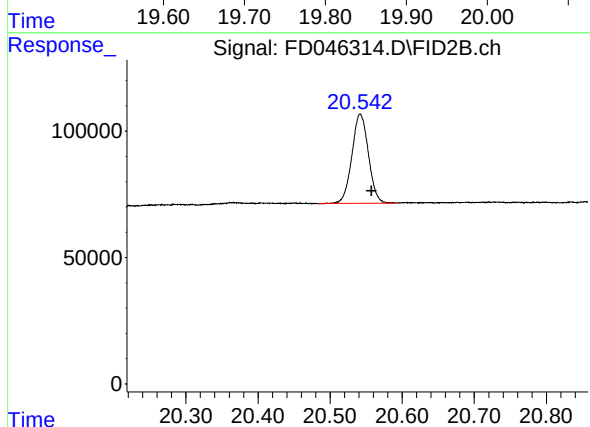
R.T.: 19.109 min
Delta R.T.: -0.014 min
Response: 670025
Conc: 5.24 ug/ml

Instrument :
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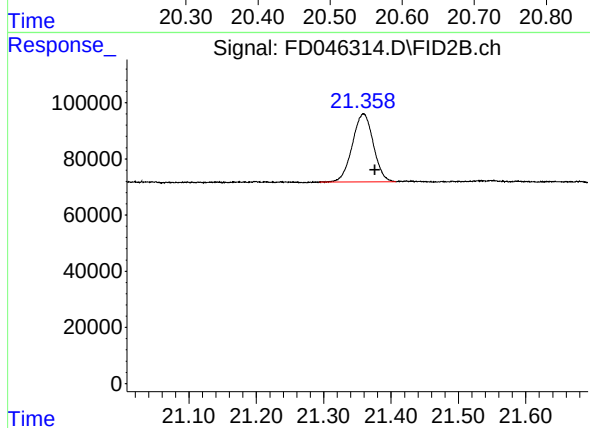
#20 n-Hexatriacontane (C36)

R.T.: 19.844 min
Delta R.T.: -0.014 min
Response: 614297
Conc: 5.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.542 min
Delta R.T.: -0.016 min
Response: 563477
Conc: 5.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.359 min
Delta R.T.: -0.017 min
Response: 523346
Conc: 4.88 ug/ml