

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020824AL\
 Data File : FD047210.D
 Signal(s) : FID2B.ch
 Acq On : 08 Feb 2024 23:44
 Operator : YP/AJ
 Sample : P1187-09
 Misc : AL MDL 2.5 PPM
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-WATER-03-QT1-2024

Integration File: autoint1.e
 Quant Time: Feb 09 05:35:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 09 05:31:04 2024
 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...	12.794	4964187	35.867 ug/ml
Spiked Amount 50.000		Recovery =	71.73%
Target Compounds			
1) T n-Nonane (C9)	3.199	264527	1.691 ug/ml
2) T n-Decane (C10)	4.249	331912	2.077 ug/ml
4) T n-Dodecane (C12)	6.248	532783	3.285 ug/ml
6) T n-Tetradecane (C14)	8.031	423312	2.617 ug/ml
7) T n-Hexadecane (C16)	9.621	418628	2.499 ug/ml
8) T n-Octadecane (C18)	11.053	438320	2.575 ug/ml
10) T n-Eicosane (C20)	12.352	473714	2.878 ug/ml
11) T n-Heneicosane (C21)	12.959	453523	2.796 ug/ml
13) T n-Docosane (C22)	13.542	477660	2.967 ug/ml
14) T n-Tetracosane (C24)	14.636	517397	3.248 ug/ml
15) T n-Hexacosane (C26)	15.649	516778	3.328 ug/ml
16) T n-Octacosane (C28)	16.591	518676	3.465 ug/ml
17) T n-Tricontane (C30)	17.472	536012	3.622 ug/ml
18) T n-Dotriacontane (C32)	18.296	503288	3.569 ug/ml
19) T n-Tetratriacontane (C34)	19.074	441179	3.333 ug/ml
20) T n-Hexatriacontane (C36)	19.806	416757	3.350 ug/ml
21) T n-Octatriacontane (C38)	20.504	440292	3.680 ug/ml
22) T n-Tetracontane (C40)	21.307	459530	3.971 ug/ml

(f)=RT Delta > 1/2 Window

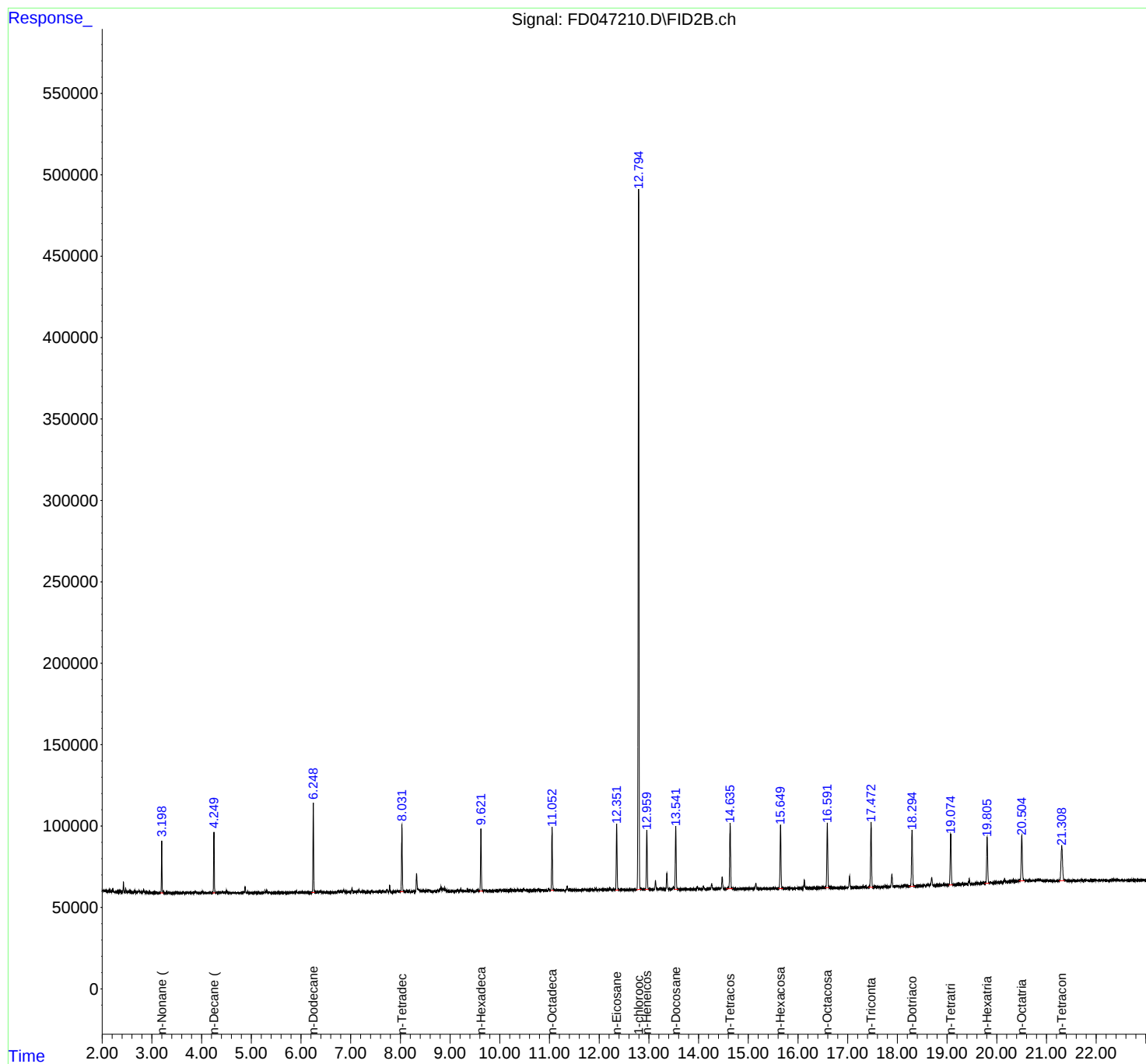
(m)=manual int.

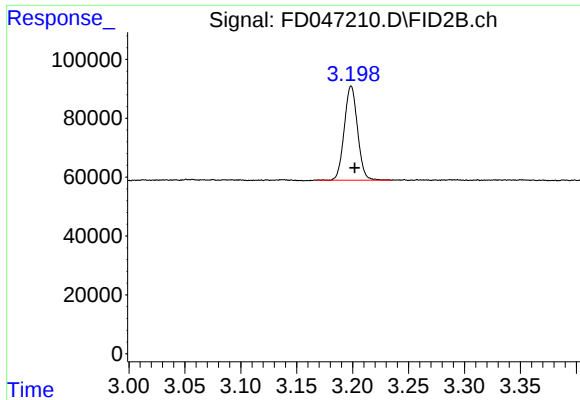
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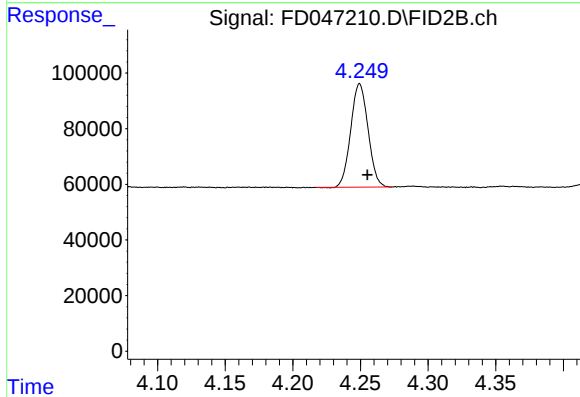




#1 n-Nonane (C9)

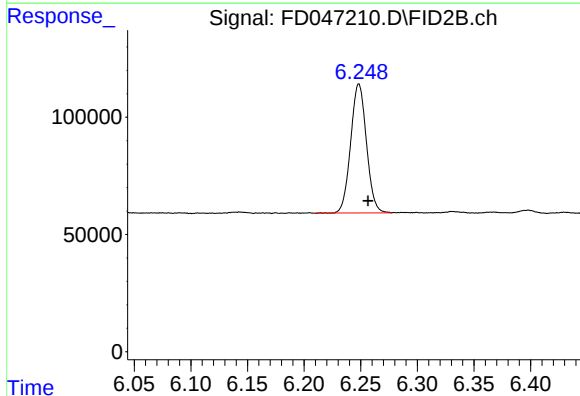
R.T.: 3.199 min
Delta R.T.: -0.003 min
Response: 264527
Conc: 1.69 ug/ml

Instrument :
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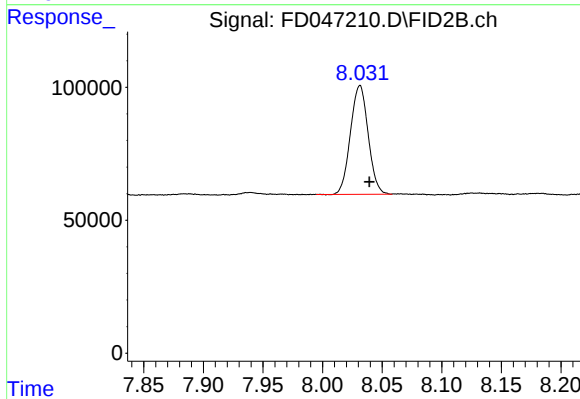
#2 n-Decane (C10)

R.T.: 4.249 min
Delta R.T.: -0.006 min
Response: 331912
Conc: 2.08 ug/ml



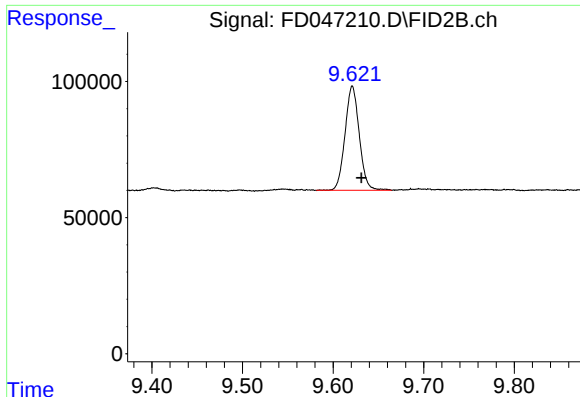
#4 n-Dodecane (C12)

R.T.: 6.248 min
Delta R.T.: -0.008 min
Response: 532783
Conc: 3.28 ug/ml



#6 n-Tetradecane (C14)

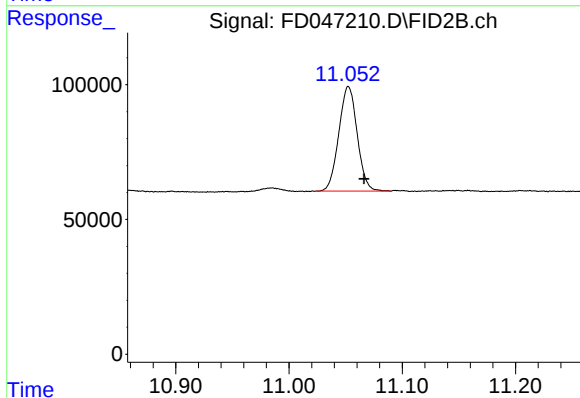
R.T.: 8.031 min
Delta R.T.: -0.008 min
Response: 423312
Conc: 2.62 ug/ml



#7 n-Hexadecane (C16)

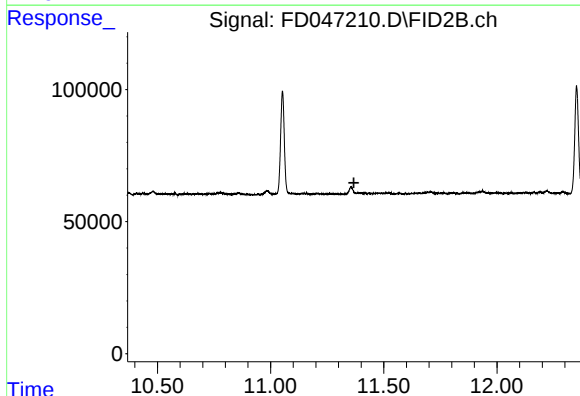
R.T.: 9.621 min
Delta R.T.: -0.010 min
Response: 418628
Conc: 2.50 ug/ml

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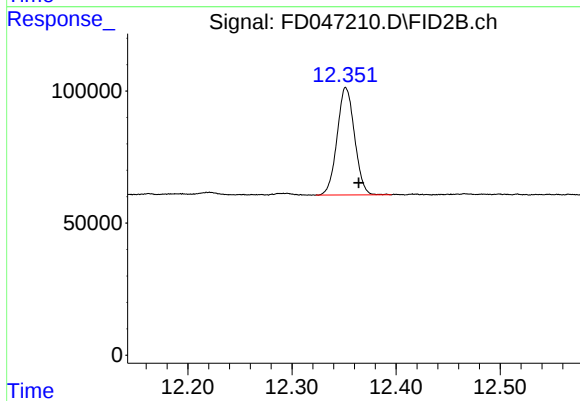
#8 n-Octadecane (C18)

R.T.: 11.053 min
Delta R.T.: -0.014 min
Response: 438320
Conc: 2.58 ug/ml



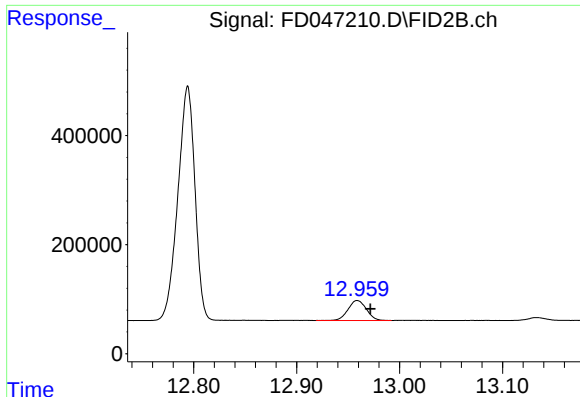
#9 ortho-Terphenyl (SURRE)

R.T.: 0.000 min
Exp R.T. : 11.368 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

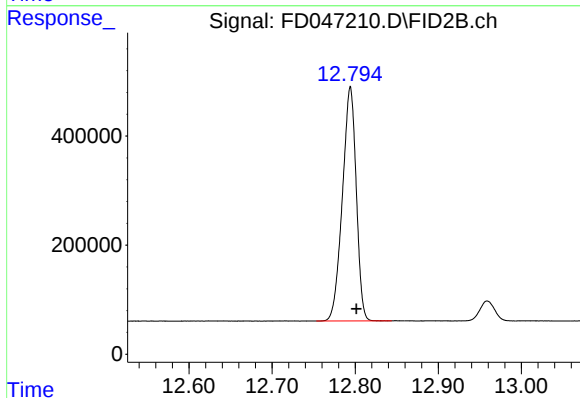
R.T.: 12.352 min
Delta R.T.: -0.012 min
Response: 473714
Conc: 2.88 ug/ml



#11 n-Heneicosane (C21)

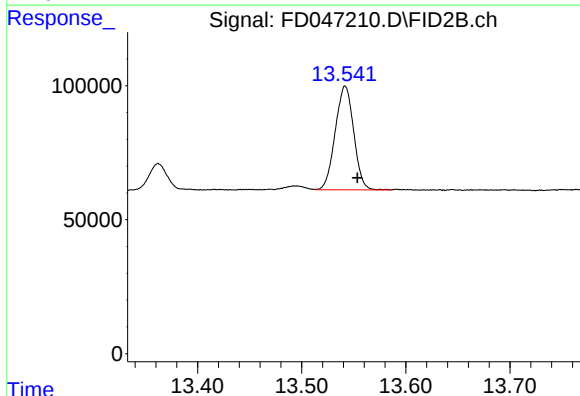
R.T.: 12.959 min
Delta R.T.: -0.013 min
Response: 453523
Conc: 2.80 ug/ml

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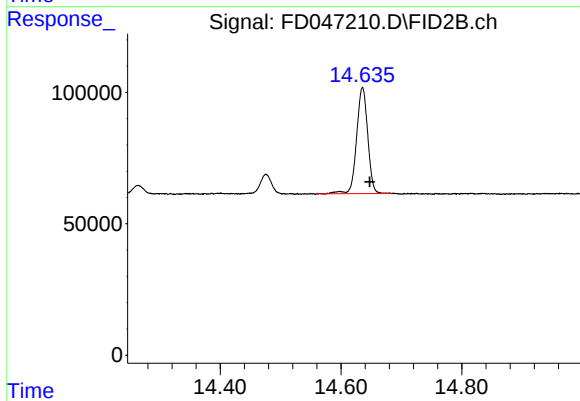
#12 1-chlorooctadecane (SURR)

R.T.: 12.794 min
Delta R.T.: -0.007 min
Response: 4964187
Conc: 35.87 ug/ml



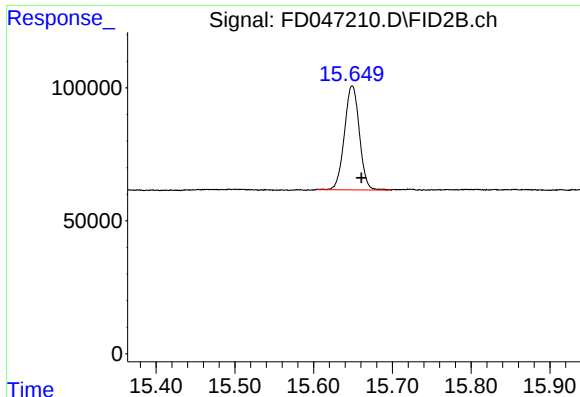
#13 n-Docosane (C22)

R.T.: 13.542 min
Delta R.T.: -0.012 min
Response: 477660
Conc: 2.97 ug/ml



#14 n-Tetracosane (C24)

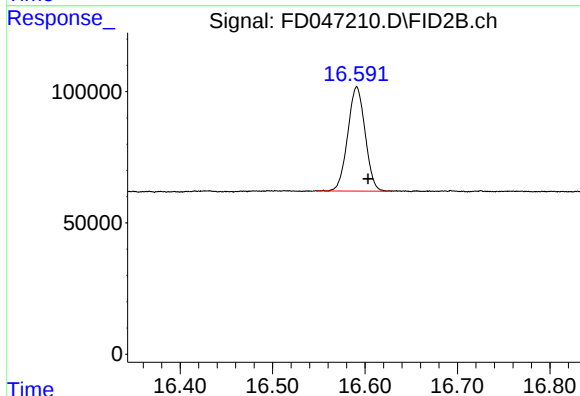
R.T.: 14.636 min
Delta R.T.: -0.012 min
Response: 517397
Conc: 3.25 ug/ml



#15 n-Hexacosane (C26)

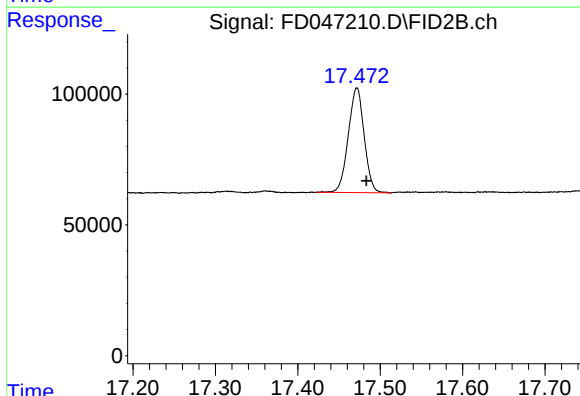
R.T.: 15.649 min
Delta R.T.: -0.012 min
Response: 516778
Conc: 3.33 ug/ml

Instrument :
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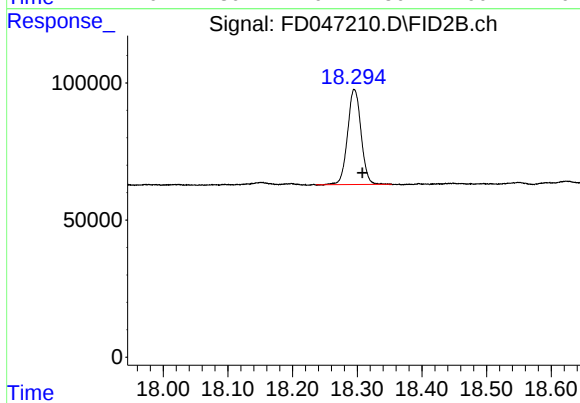
#16 n-Octacosane (C28)

R.T.: 16.591 min
Delta R.T.: -0.012 min
Response: 518676
Conc: 3.47 ug/ml



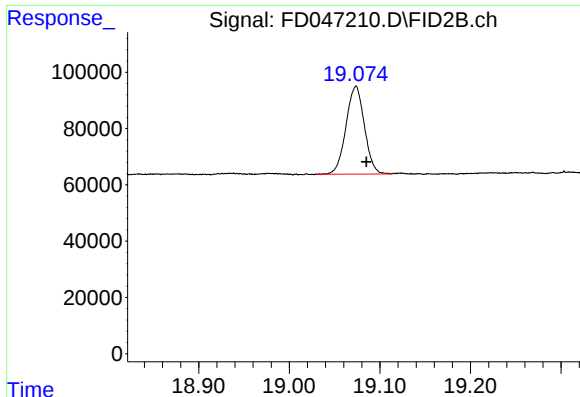
#17 n-Tricontane (C30)

R.T.: 17.472 min
Delta R.T.: -0.012 min
Response: 536012
Conc: 3.62 ug/ml



#18 n-Dotriacontane (C32)

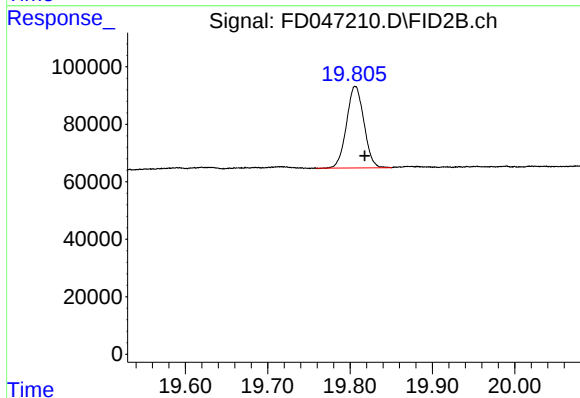
R.T.: 18.296 min
Delta R.T.: -0.013 min
Response: 503288
Conc: 3.57 ug/ml



#19 n-Tetratriacontane (C34)

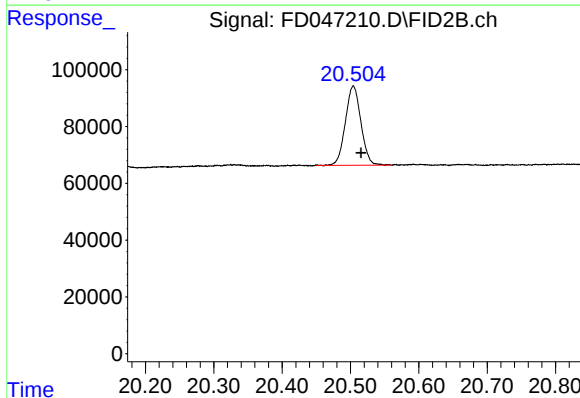
R.T.: 19.074 min
Delta R.T.: -0.011 min
Response: 441179
Conc: 3.33 ug/ml

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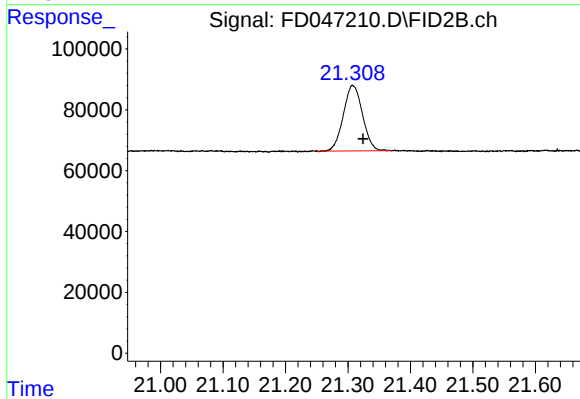
#20 n-Hexatriacontane (C36)

R.T.: 19.806 min
Delta R.T.: -0.012 min
Response: 416757
Conc: 3.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.504 min
Delta R.T.: -0.011 min
Response: 440292
Conc: 3.68 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.307 min
Delta R.T.: -0.017 min
Response: 459530
Conc: 3.97 ug/ml