

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101424AL\
 Data File : FF014672.D
 Signal(s) : FID2B.ch
 Acq On : 14 Oct 2024 20:21
 Operator : YP\AJ
 Sample : P4368-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Integration File: autoint1.e
 Quant Time: Oct 15 02:11:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 02 12:50:54 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...	13.229	5023161	41.921 ug/ml
Spiked Amount 50.000		Recovery =	83.84%
Target Compounds			
1) T n-Nonane (C9)	3.194	323259	2.571 ug/ml
2) T n-Decane (C10)	4.442	396373	3.112 ug/ml
4) T n-Dodecane (C12)	6.607	462210	3.582 ug/ml
6) T n-Tetradecane (C14)	8.432	472576	3.680 ug/ml
7) T n-Hexadecane (C16)	10.038	454720	3.456 ug/ml
8) T n-Octadecane (C18)	11.479	514824	3.737 ug/ml
10) T n-Eicosane (C20)	12.785	605851	4.358 ug/ml
11) T n-Heneicosane (C21)	13.396	572490	4.121 ug/ml
13) T n-Docosane (C22)	13.981	646316	4.599 ug/ml
14) T n-Tetracosane (C24)	15.083	747328	5.191 ug/ml
15) T n-Hexacosane (C26)	16.103	787976	5.425 ug/ml
16) T n-Octacosane (C28)	17.052	806214	5.451 ug/ml
17) T n-Tricontane (C30)	17.937	757754	4.854 ug/ml
18) T n-Dotriacontane (C32)	18.769	710703	4.638 ug/ml
19) T n-Tetratriacontane (C34)	19.550	563649	4.373 ug/ml
20) T n-Hexatriacontane (C36)	20.290	470265	4.542 ug/ml
21) T n-Octatriacontane (C38)	21.008	351568	3.916 ug/ml
22) T n-Tetracontane (C40)	21.875	295265	3.773 ug/ml

(f)=RT Delta > 1/2 Window

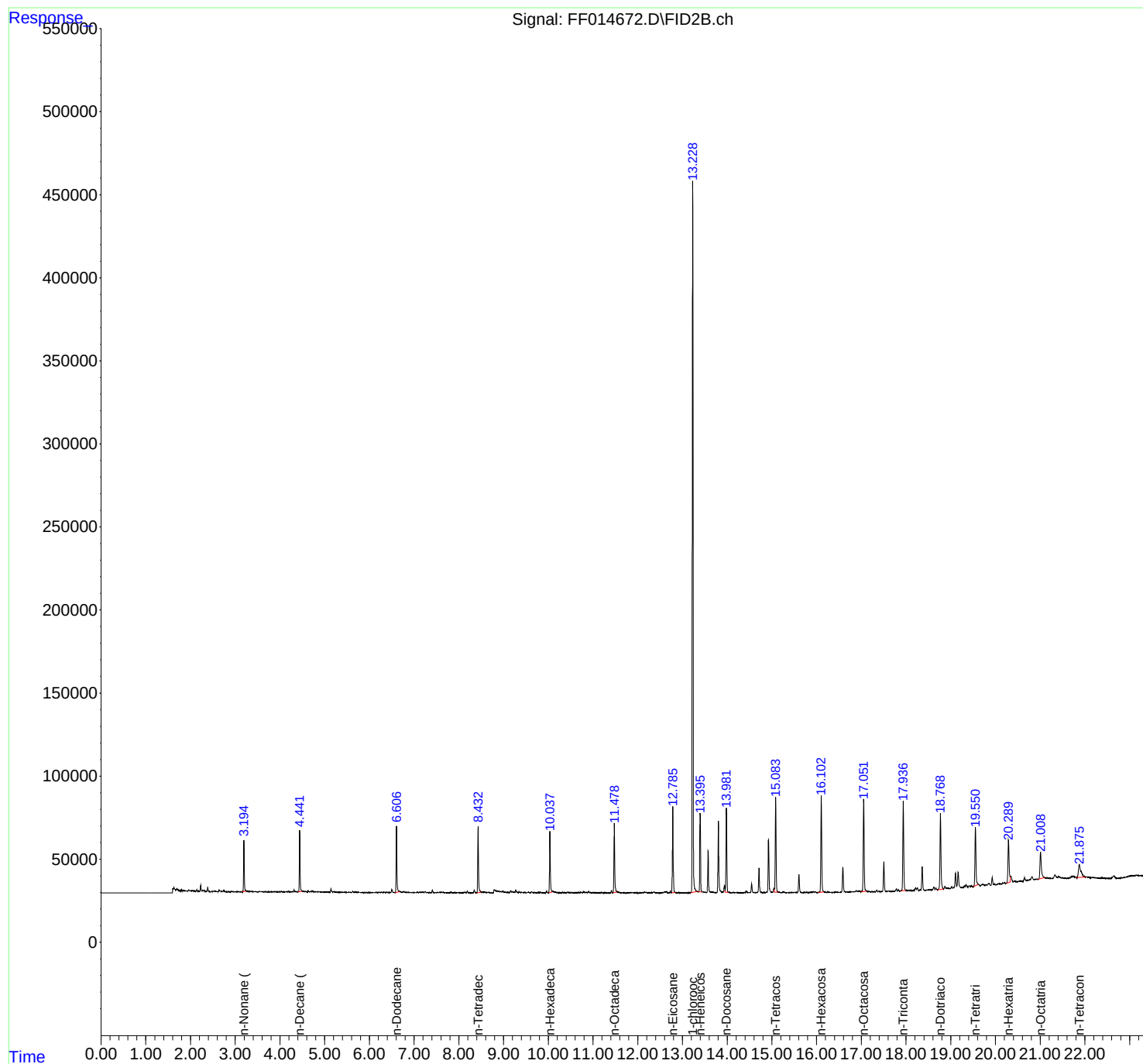
(m)=manual int.

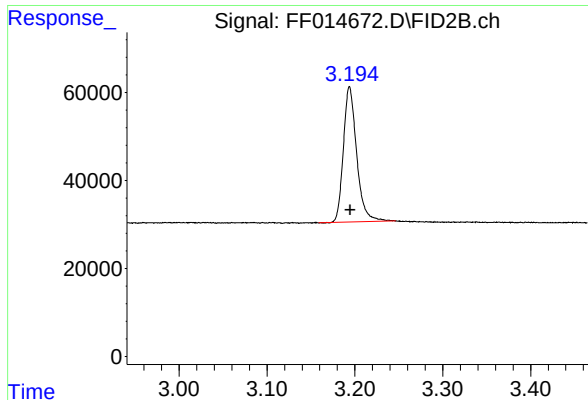
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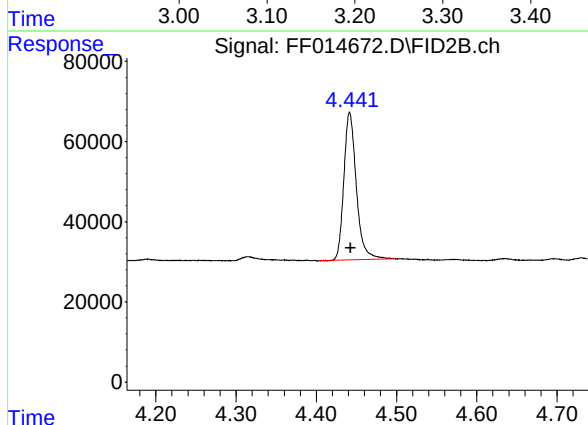




#1 n-Nonane (C9)

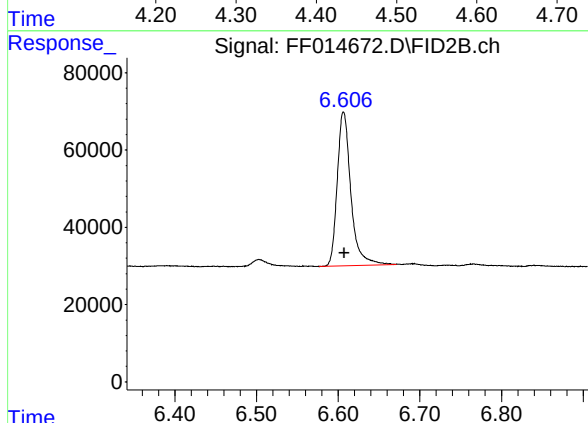
R.T.: 3.194 min
Delta R.T.: 0.000 min
Response: 323259
Conc: 2.57 ug/ml

Instrument :
FID_F
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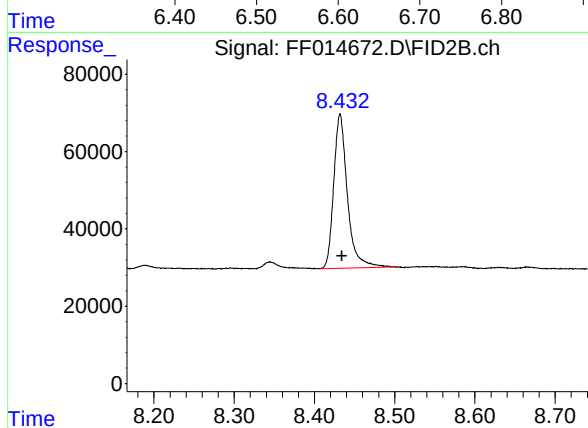
#2 n-Decane (C10)

R.T.: 4.442 min
Delta R.T.: -0.001 min
Response: 396373
Conc: 3.11 ug/ml



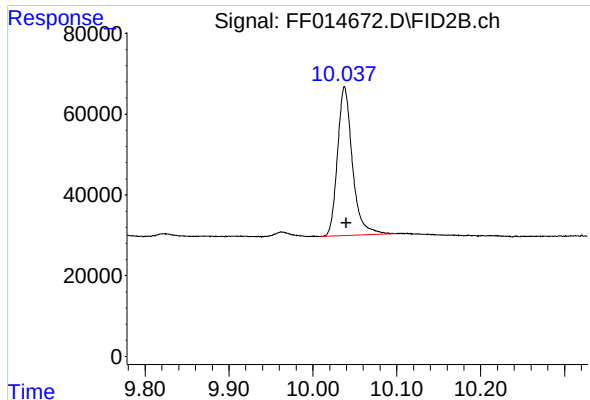
#4 n-Dodecane (C12)

R.T.: 6.607 min
Delta R.T.: -0.001 min
Response: 462210
Conc: 3.58 ug/ml



#6 n-Tetradecane (C14)

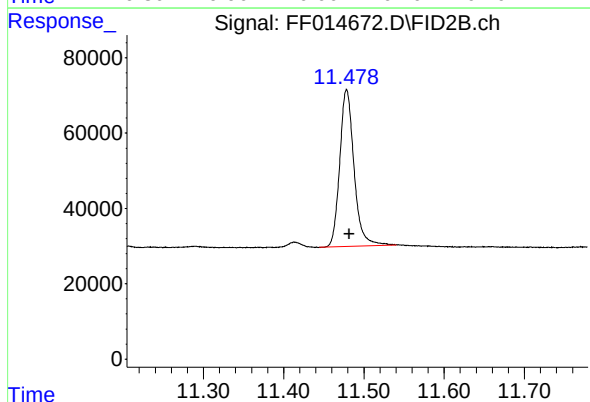
R.T.: 8.432 min
Delta R.T.: -0.002 min
Response: 472576
Conc: 3.68 ug/ml



#7 n-Hexadecane (C16)

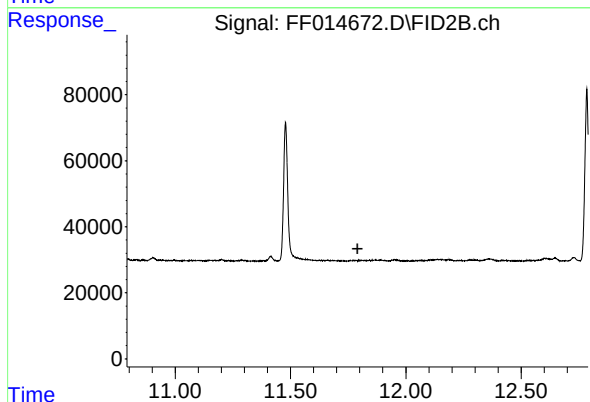
R.T.: 10.038 min
Delta R.T.: -0.002 min
Response: 454720
Conc: 3.46 ug/ml

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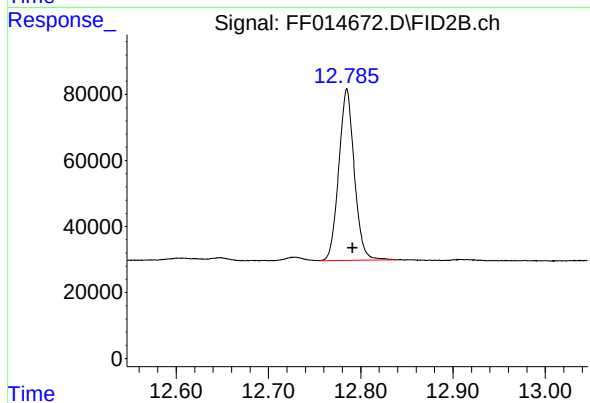
#8 n-Octadecane (C18)

R.T.: 11.479 min
Delta R.T.: -0.003 min
Response: 514824
Conc: 3.74 ug/ml



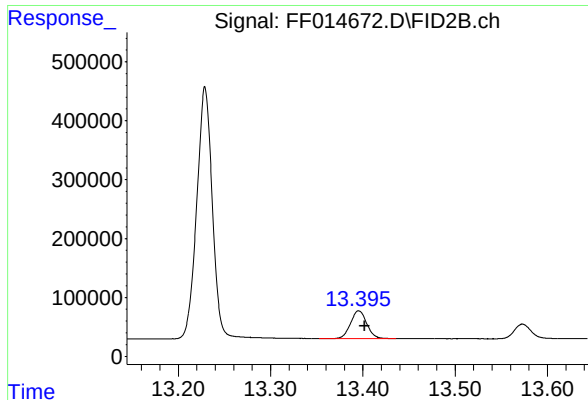
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.791 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

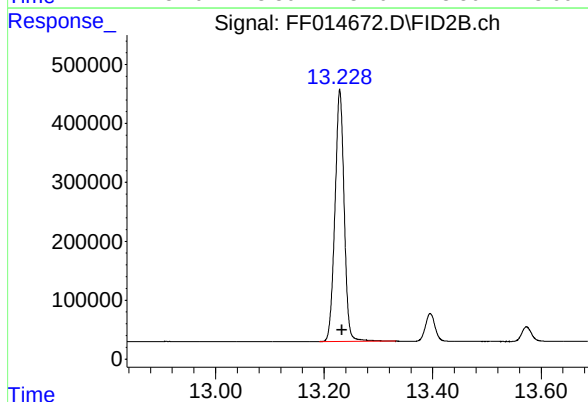
R.T.: 12.785 min
Delta R.T.: -0.006 min
Response: 605851
Conc: 4.36 ug/ml



#11 n-Heneicosane (C21)

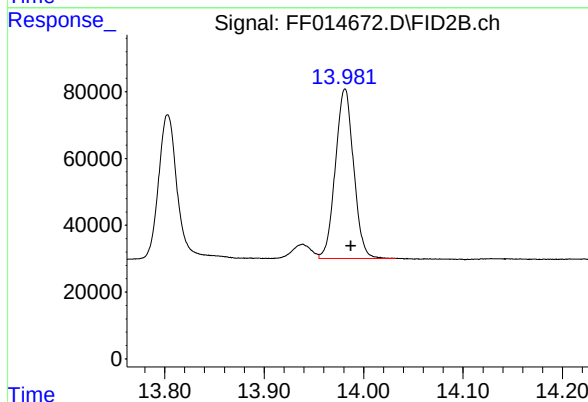
R.T.: 13.396 min
Delta R.T.: -0.006 min
Response: 572490
Conc: 4.12 ug/ml

Instrument :
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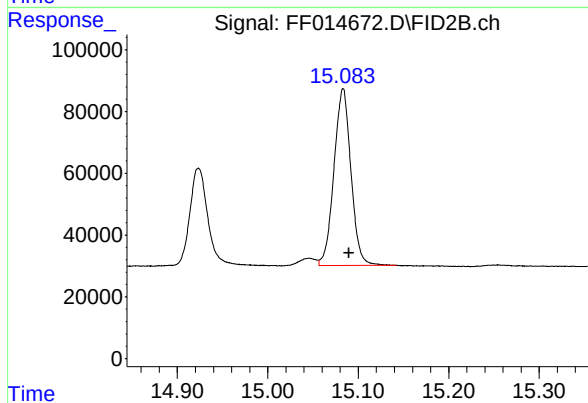
#12 1-chlorooctadecane (SURR)

R.T.: 13.229 min
Delta R.T.: -0.004 min
Response: 5023161
Conc: 41.92 ug/ml



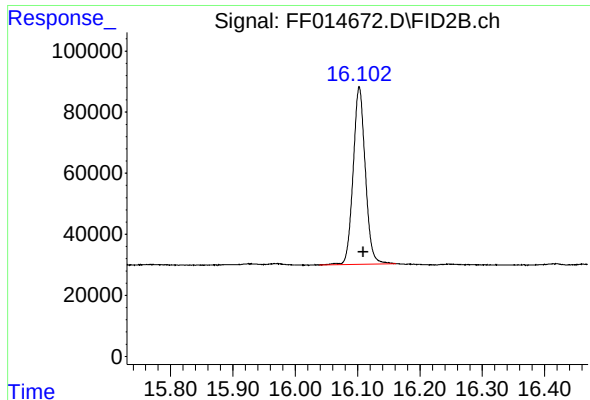
#13 n-Docosane (C22)

R.T.: 13.981 min
Delta R.T.: -0.006 min
Response: 646316
Conc: 4.60 ug/ml



#14 n-Tetracosane (C24)

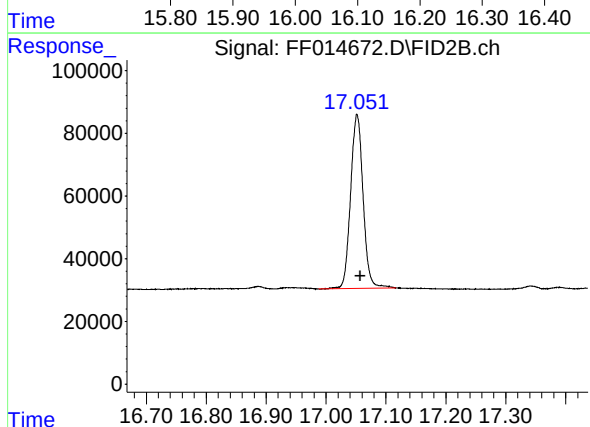
R.T.: 15.083 min
Delta R.T.: -0.006 min
Response: 747328
Conc: 5.19 ug/ml



#15 n-Hexacosane (C26)

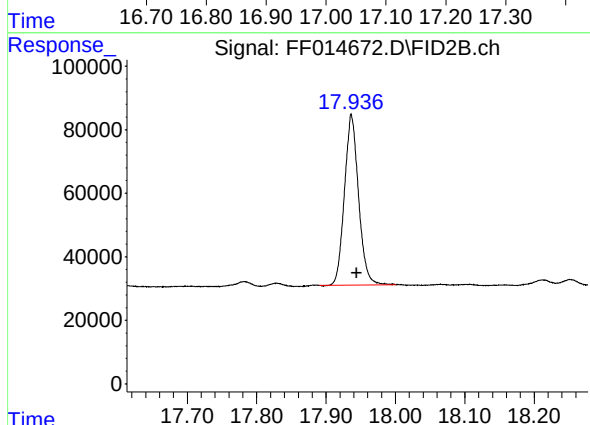
R.T.: 16.103 min
Delta R.T.: -0.006 min
Response: 787976
Conc: 5.42 ug/ml

Instrument :
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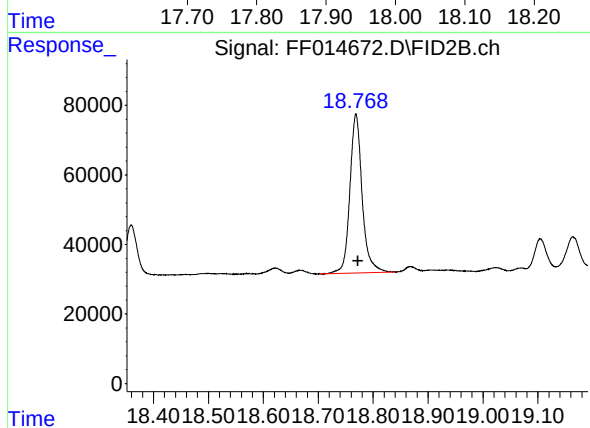
#16 n-Octacosane (C28)

R.T.: 17.052 min
Delta R.T.: -0.006 min
Response: 806214
Conc: 5.45 ug/ml



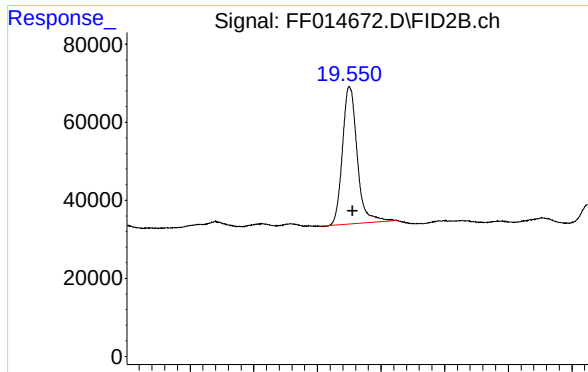
#17 n-Tricontane (C30)

R.T.: 17.937 min
Delta R.T.: -0.007 min
Response: 757754
Conc: 4.85 ug/ml



#18 n-Dotriacontane (C32)

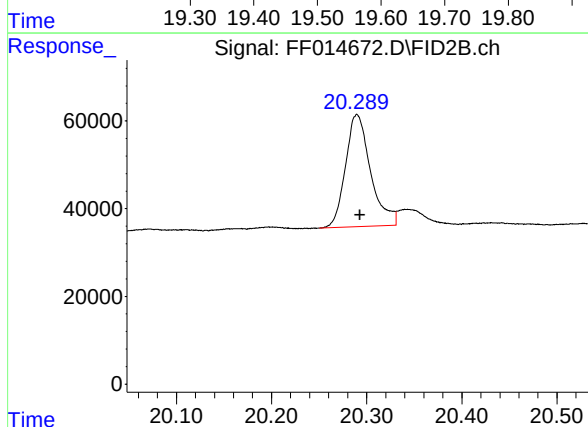
R.T.: 18.769 min
Delta R.T.: -0.004 min
Response: 710703
Conc: 4.64 ug/ml



#19 n-Tetratriacontane (C34)

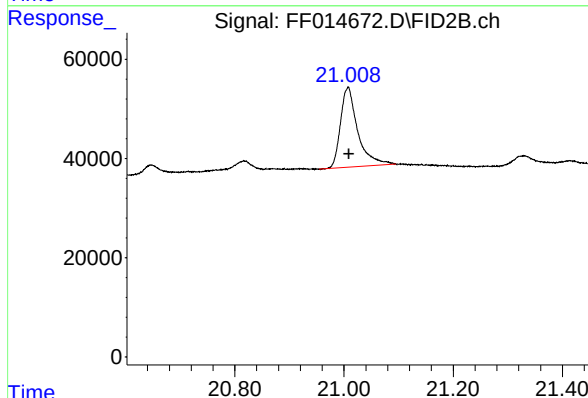
R.T.: 19.550 min
Delta R.T.: -0.005 min
Response: 563649
Conc: 4.37 ug/ml

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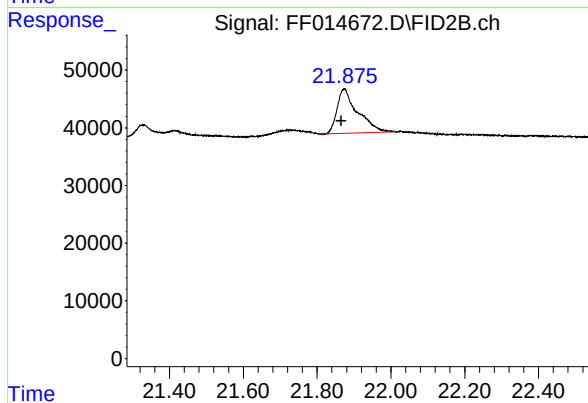
#20 n-Hexatriacontane (C36)

R.T.: 20.290 min
Delta R.T.: -0.003 min
Response: 470265
Conc: 4.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.008 min
Delta R.T.: -0.001 min
Response: 351568
Conc: 3.92 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.875 min
Delta R.T.: 0.008 min
Response: 295265
Conc: 3.77 ug/ml