

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF080524AL\
 Data File : FF014391.D
 Signal(s) : FID2B.ch
 Acq On : 05 Aug 2024 13:51
 Operator : YP\AJ
 Sample : P3390-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024

Integration File: autoint1.e
 Quant Time: Aug 06 06:25:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 05:51:52 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...	13.257	2573204	27.522 ug/ml
Spiked Amount 50.000		Recovery =	55.04%
Target Compounds			
1) T n-Nonane (C9)	3.217	271478	2.101 ug/ml
2) T n-Decane (C10)	4.466	314303	2.399 ug/ml
4) T n-Dodecane (C12)	6.630	394955	2.986 ug/ml
6) T n-Tetradecane (C14)	8.456	418162	3.248 ug/ml
7) T n-Hexadecane (C16)	10.062	363963	2.811 ug/ml
8) T n-Octadecane (C18)	11.504	423513	3.207 ug/ml
10) T n-Eicosane (C20)	12.812	473629	3.768 ug/ml
11) T n-Heneicosane (C21)	13.424	418281	3.410 ug/ml
13) T n-Docosane (C22)	14.011	534101	4.457 ug/ml
14) T n-Tetracosane (C24)	15.113	689027	5.896 ug/ml
15) T n-Hexacosane (C26)	16.136	779052	6.893 ug/ml
16) T n-Octacosane (C28)	17.084	872904	7.919 ug/ml
17) T n-Tricontane (C30)	17.973	883622	7.916 ug/ml
18) T n-Dotriacontane (C32)	18.806	760903	6.932 ug/ml
19) T n-Tetratriacontane (C34)	19.589	529319	5.157 ug/ml
20) T n-Hexatriacontane (C36)	20.331	399489	4.475 ug/ml
21) T n-Octatriacontane (C38)	21.053	304300	4.419 ug/ml
22) T n-Tetracontane (C40)	21.927	219447	4.905 ug/ml

(f)=RT Delta > 1/2 Window

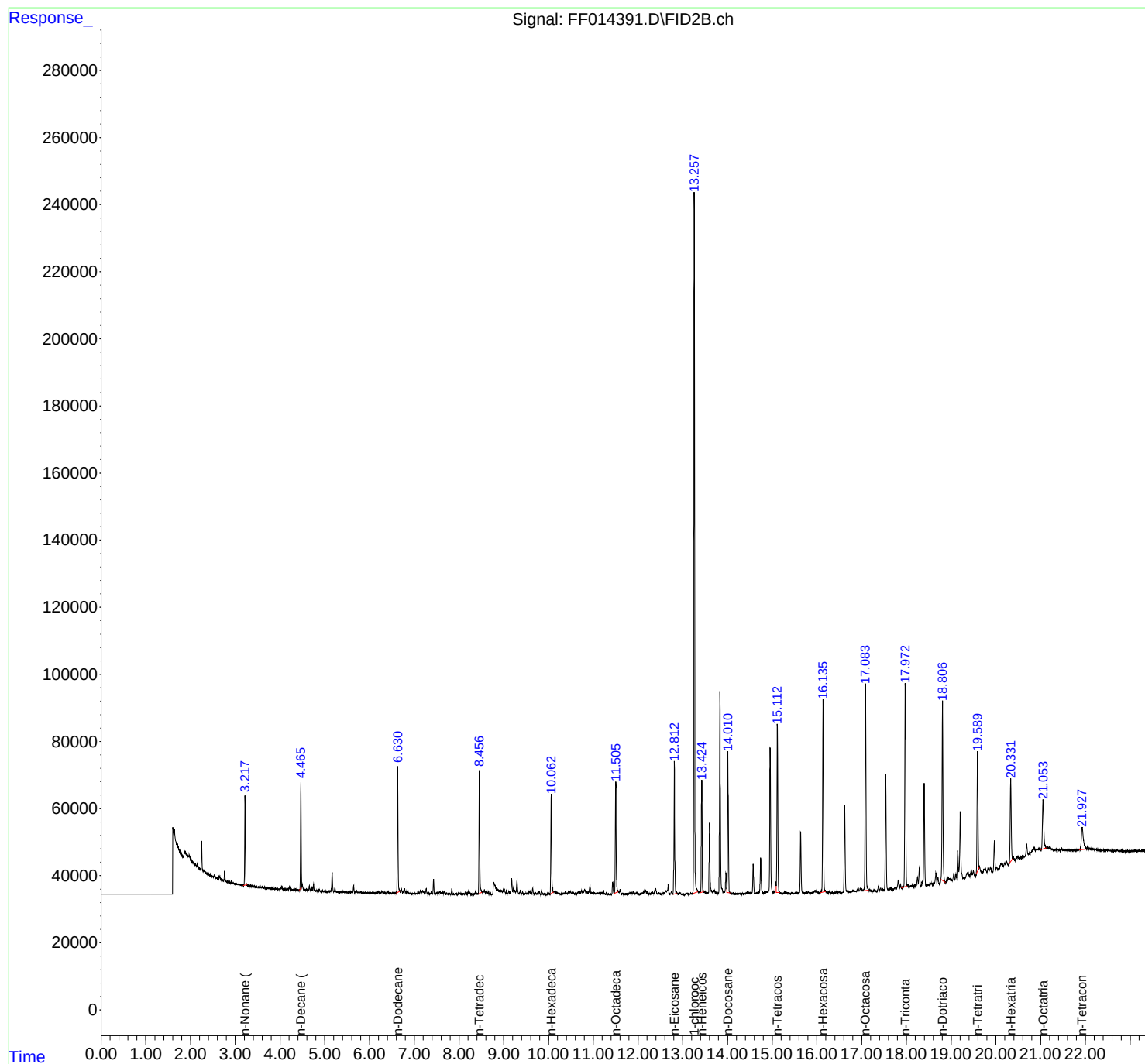
(m)=manual int.

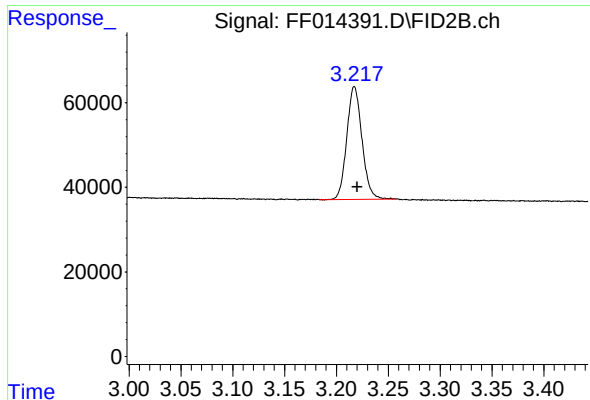
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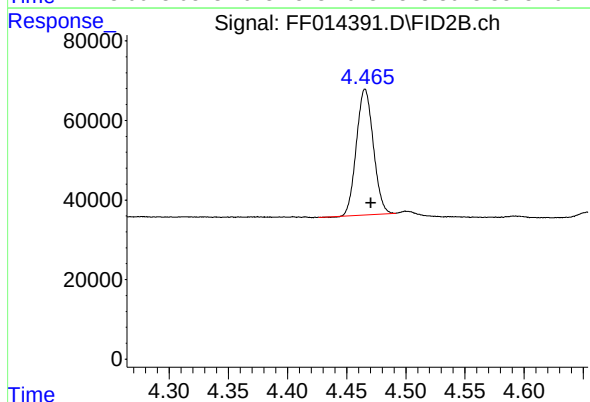




#1 n-Nonane (C9)

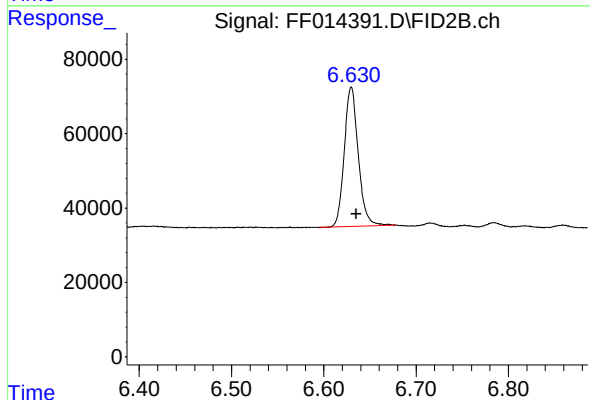
R.T.: 3.217 min
Delta R.T.: -0.003 min
Response: 271478
Conc: 2.10 ug/ml

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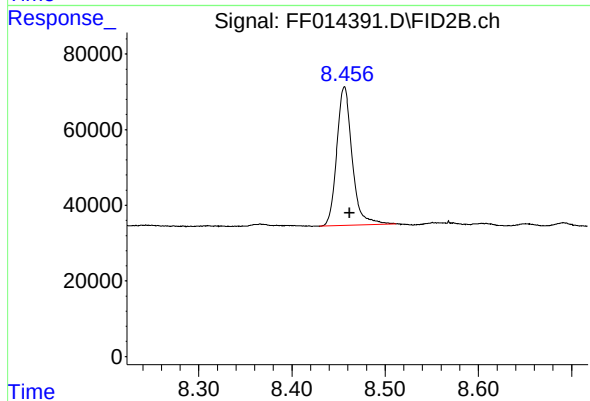
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: -0.005 min
Response: 314303
Conc: 2.40 ug/ml



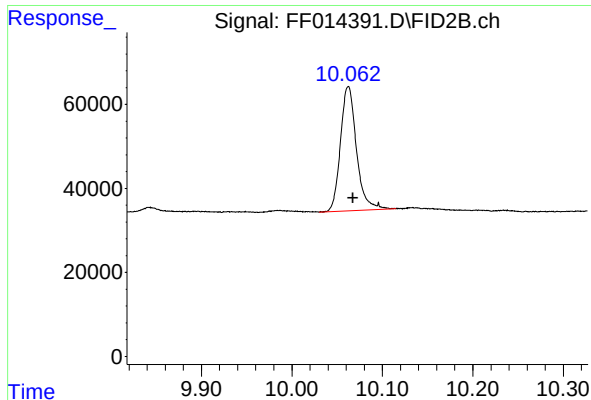
#4 n-Dodecane (C12)

R.T.: 6.630 min
Delta R.T.: -0.005 min
Response: 394955
Conc: 2.99 ug/ml



#6 n-Tetradecane (C14)

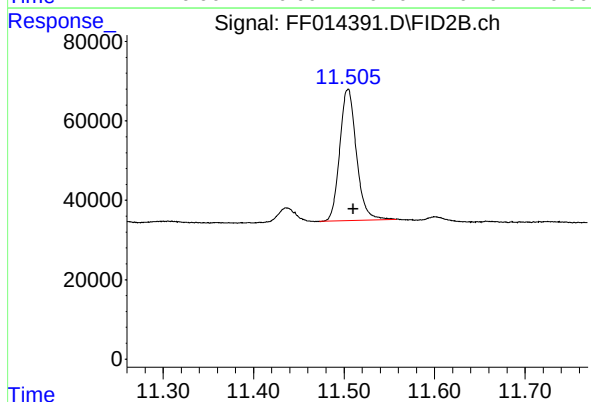
R.T.: 8.456 min
Delta R.T.: -0.005 min
Response: 418162
Conc: 3.25 ug/ml



#7 n-Hexadecane (C16)

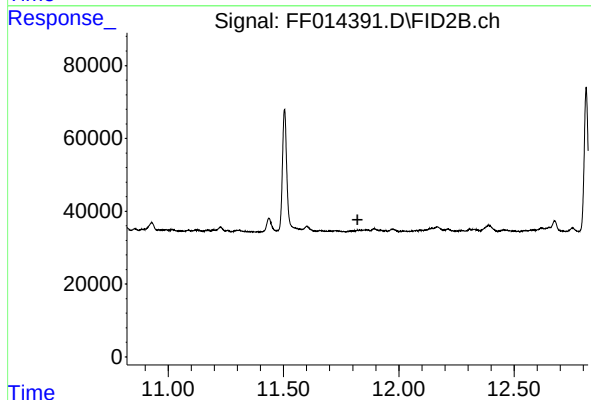
R.T.: 10.062 min
Delta R.T.: -0.005 min
Response: 363963
Conc: 2.81 ug/ml

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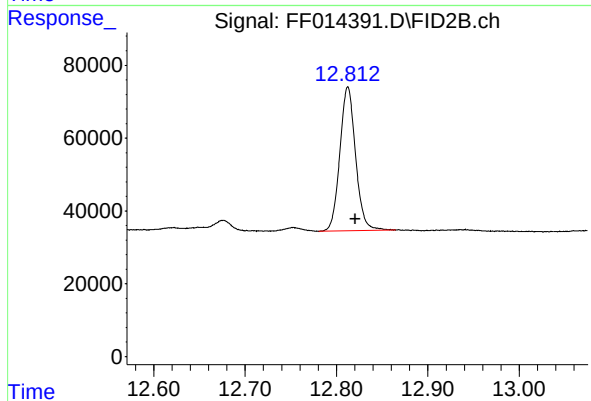
#8 n-Octadecane (C18)

R.T.: 11.504 min
Delta R.T.: -0.006 min
Response: 423513
Conc: 3.21 ug/ml



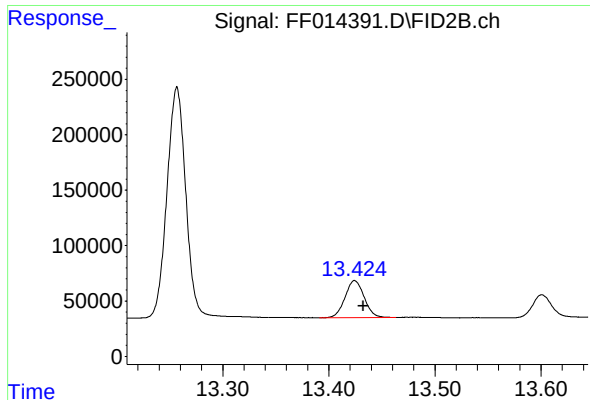
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.821 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

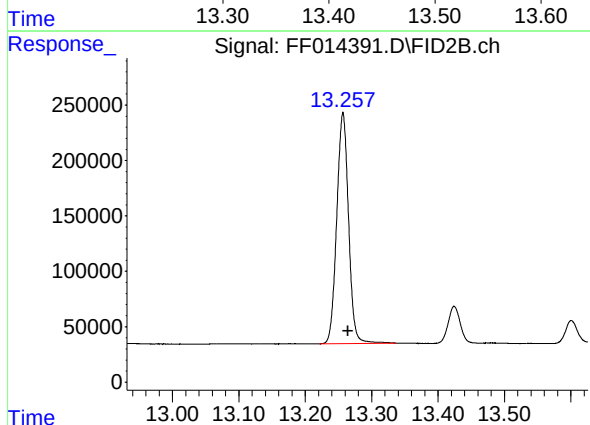
R.T.: 12.812 min
Delta R.T.: -0.008 min
Response: 473629
Conc: 3.77 ug/ml



#11 n-Heneicosane (C21)

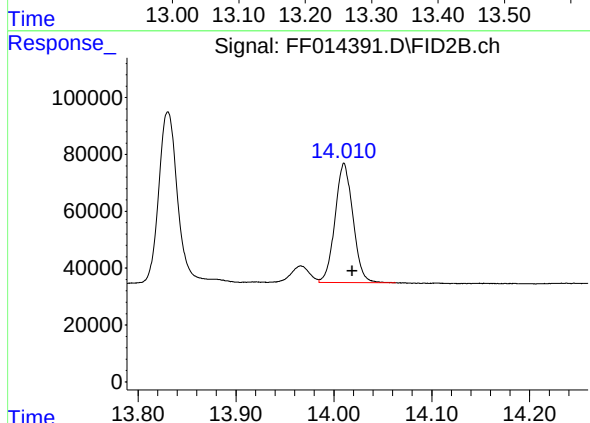
R.T.: 13.424 min
Delta R.T.: -0.008 min
Response: 418281
Conc: 3.41 ug/ml

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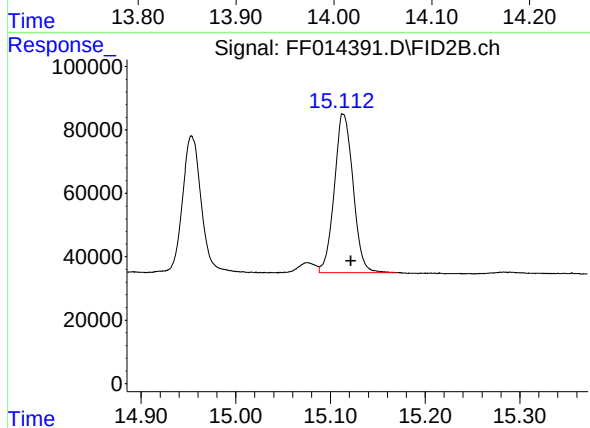
#12 1-chlorooctadecane (SURR)

R.T.: 13.257 min
Delta R.T.: -0.007 min
Response: 2573204
Conc: 27.52 ug/ml



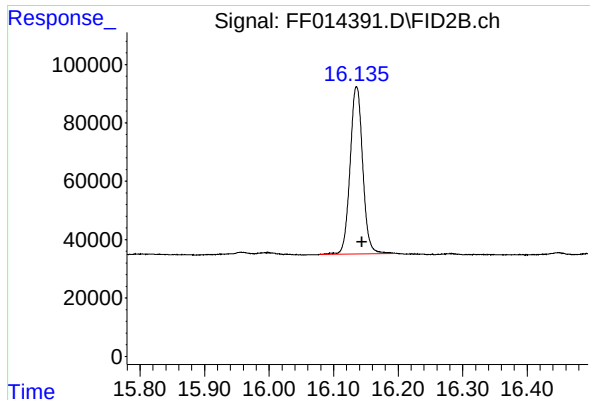
#13 n-Docosane (C22)

R.T.: 14.011 min
Delta R.T.: -0.008 min
Response: 534101
Conc: 4.46 ug/ml



#14 n-Tetracosane (C24)

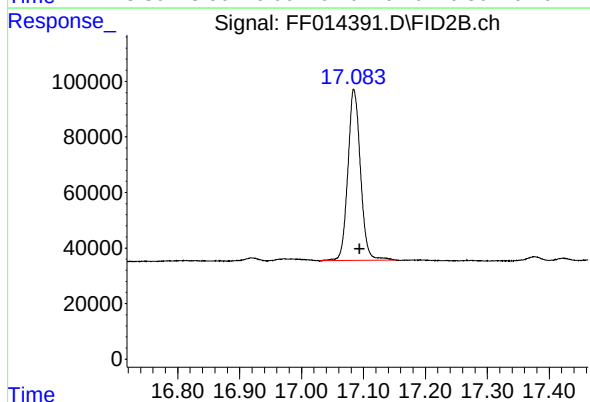
R.T.: 15.113 min
Delta R.T.: -0.008 min
Response: 689027
Conc: 5.90 ug/ml



#15 n-Hexacosane (C26)

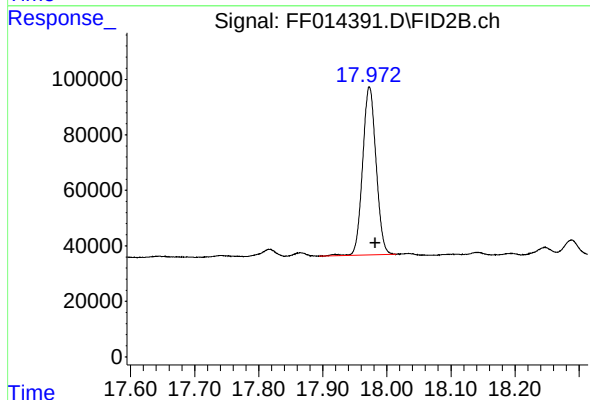
R.T.: 16.136 min
Delta R.T.: -0.008 min
Response: 779052
Conc: 6.89 ug/ml

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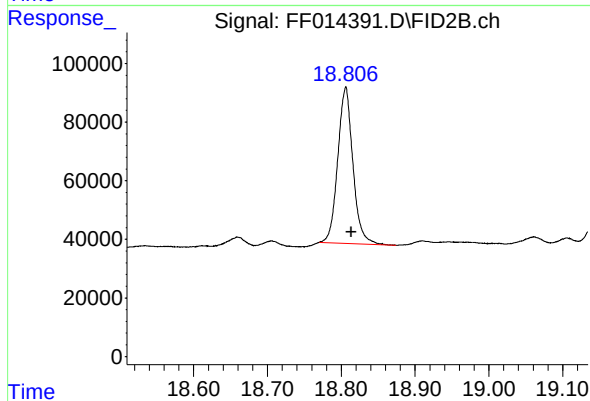
#16 n-Octacosane (C28)

R.T.: 17.084 min
Delta R.T.: -0.009 min
Response: 872904
Conc: 7.92 ug/ml



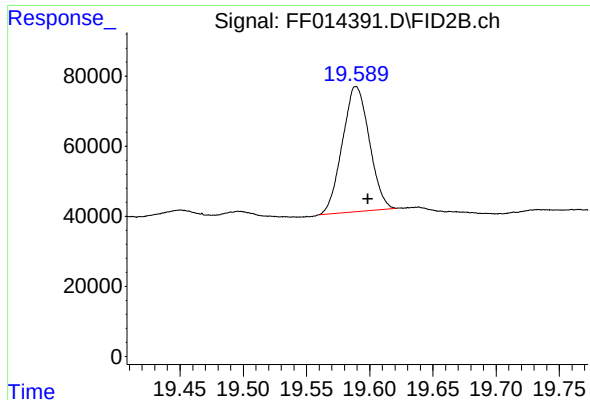
#17 n-Tricontane (C30)

R.T.: 17.973 min
Delta R.T.: -0.009 min
Response: 883622
Conc: 7.92 ug/ml



#18 n-Dotriacontane (C32)

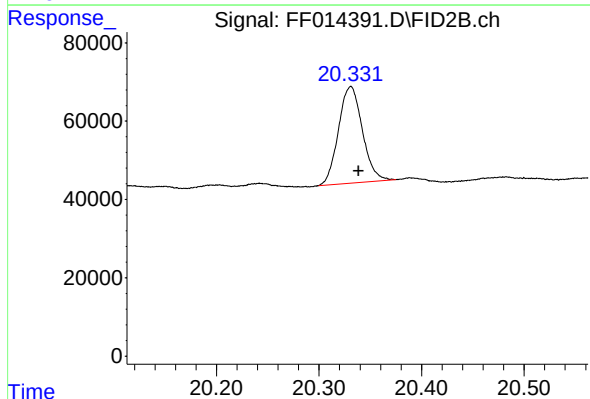
R.T.: 18.806 min
Delta R.T.: -0.008 min
Response: 760903
Conc: 6.93 ug/ml



#19 n-Tetratriacontane (C34)

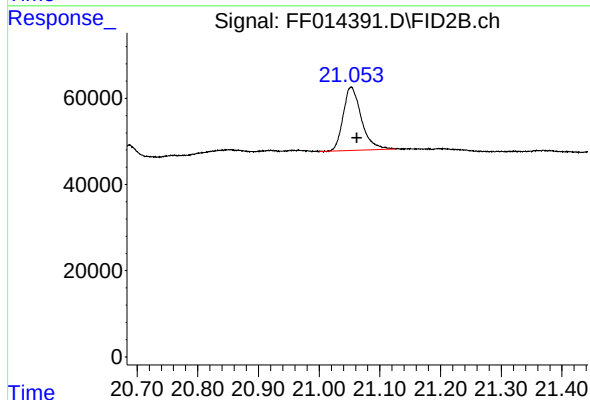
R.T.: 19.589 min
Delta R.T.: -0.009 min
Response: 529319
Conc: 5.16 ug/ml

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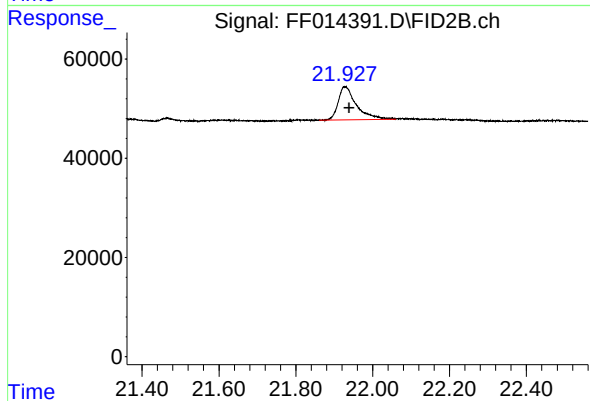
#20 n-Hexatriacontane (C36)

R.T.: 20.331 min
Delta R.T.: -0.008 min
Response: 399489
Conc: 4.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.053 min
Delta R.T.: -0.009 min
Response: 304300
Conc: 4.42 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.927 min
Delta R.T.: -0.012 min
Response: 219447
Conc: 4.91 ug/ml