

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020824AL\
 Data File : FD047219.D
 Signal(s) : FID2B.ch
 Acq On : 09 Feb 2024 05:12
 Operator : YP/AJ
 Sample : P1187-07
 Misc : AL LOD 4 PPM
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024

Integration File: autoint1.e
 Quant Time: Feb 09 06:33:36 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	5284126	38.179 ug/ml
Spiked Amount 50.000		Recovery =	76.36%
Target Compounds			
1) T n-Nonane (C9)	3.199	404915	2.588 ug/ml
2) T n-Decane (C10)	4.249	528024	3.304 ug/ml
4) T n-Dodecane (C12)	6.248	726057	4.477 ug/ml
6) T n-Tetradecane (C14)	8.031	661853	4.091 ug/ml
7) T n-Hexadecane (C16)	9.621	676686	4.039 ug/ml
8) T n-Octadecane (C18)	11.052	739301	4.344 ug/ml
10) T n-Eicosane (C20)	12.353	787057	4.782 ug/ml
11) T n-Heneicosane (C21)	12.960	776952	4.790 ug/ml
13) T n-Docosane (C22)	13.542	795709	4.943 ug/ml
14) T n-Tetracosane (C24)	14.636	871547	5.472 ug/ml
15) T n-Hexacosane (C26)	15.650	780691	5.028 ug/ml
16) T n-Octacosane (C28)	16.592	772325	5.160 ug/ml
17) T n-Tricontane (C30)	17.472	773146	5.224 ug/ml
18) T n-Dotriacontane (C32)	18.297	724964	5.141 ug/ml
19) T n-Tetratriacontane (C34)	19.074	679789	5.136 ug/ml
20) T n-Hexatriacontane (C36)	19.807	601953	4.839 ug/ml
21) T n-Octatriacontane (C38)	20.505	518561	4.335 ug/ml
22) T n-Tetracontane (C40)	21.309	430018	3.716 ug/ml

(f)=RT Delta > 1/2 Window

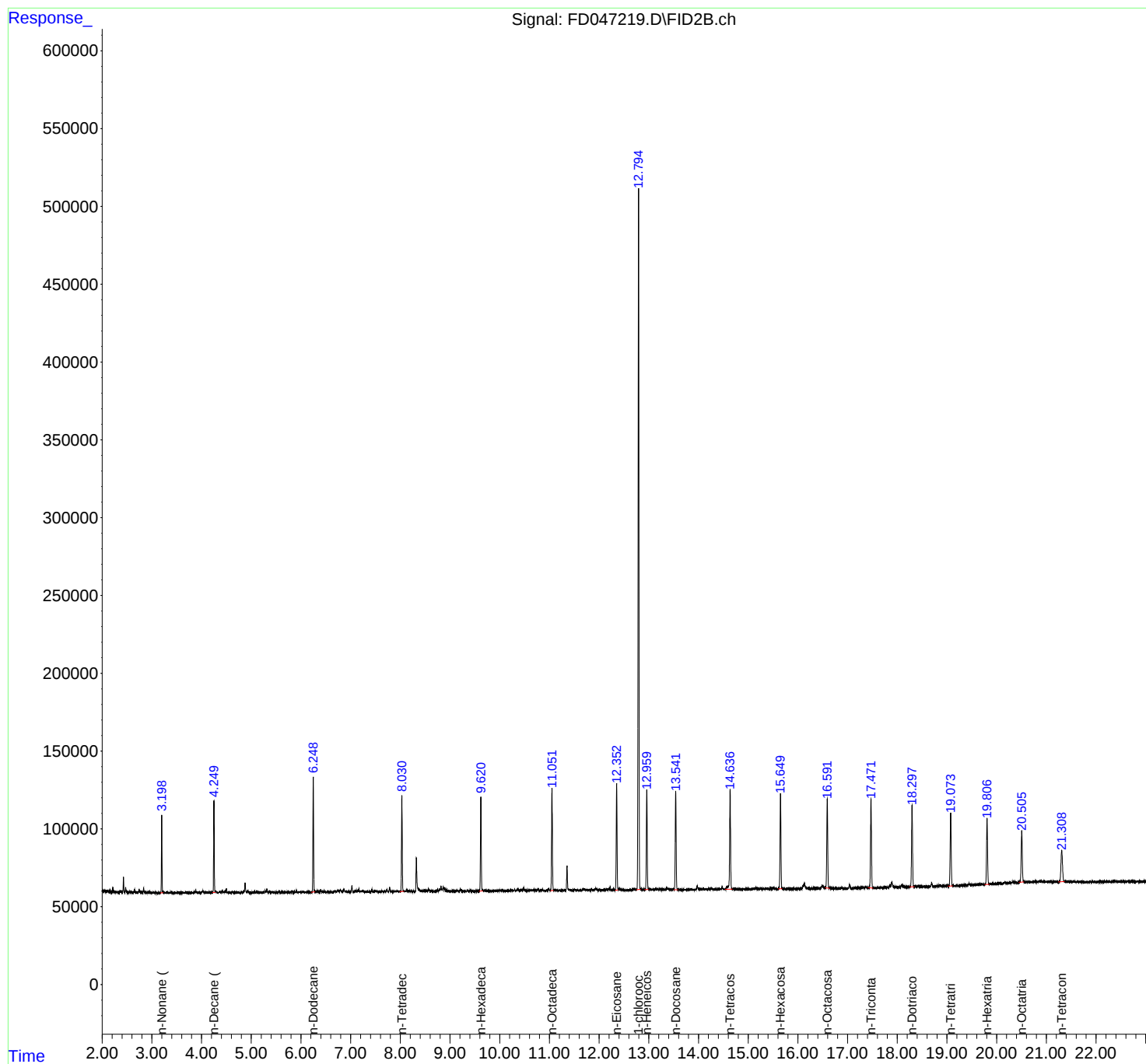
(m)=manual int.

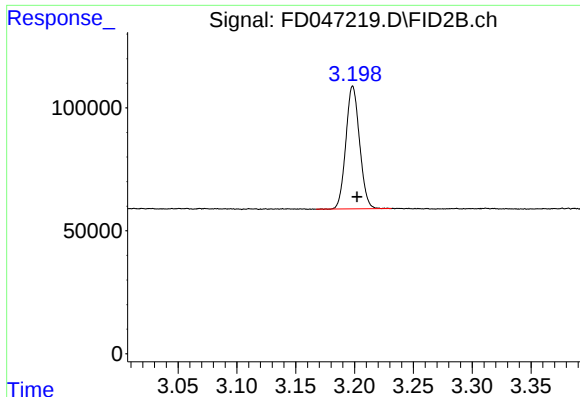
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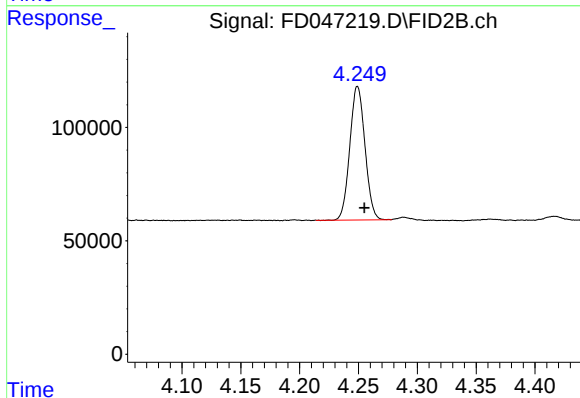




#1 n-Nonane (C9)

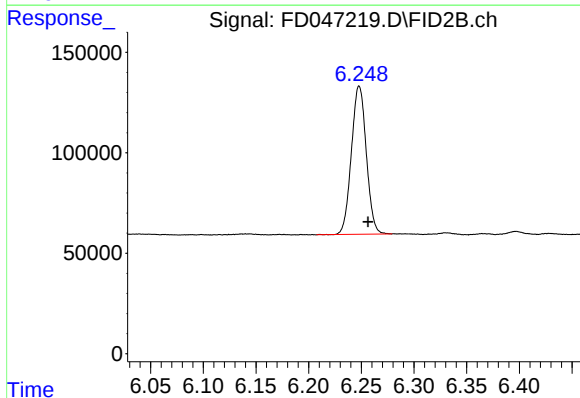
R.T.: 3.199 min
Delta R.T.: -0.003 min
Response: 404915
Conc: 2.59 ug/ml

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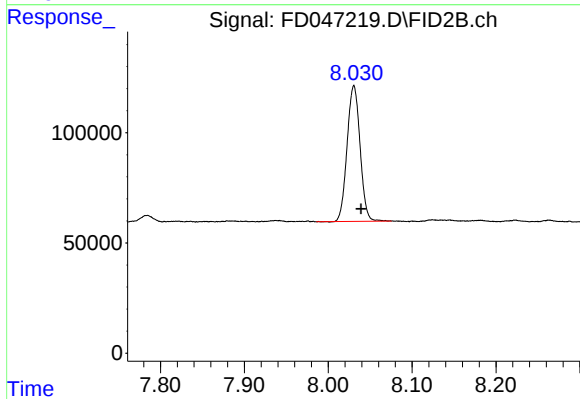
#2 n-Decane (C10)

R.T.: 4.249 min
Delta R.T.: -0.006 min
Response: 528024
Conc: 3.30 ug/ml



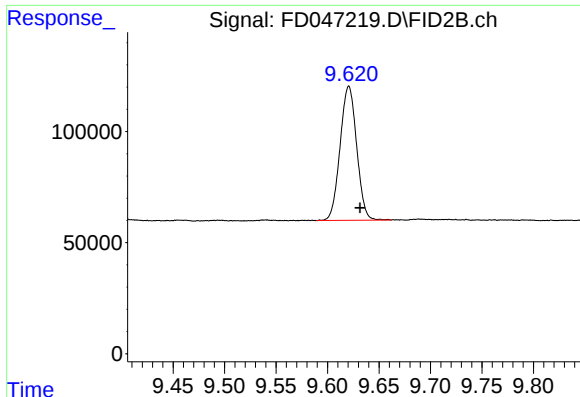
#4 n-Dodecane (C12)

R.T.: 6.248 min
Delta R.T.: -0.008 min
Response: 726057
Conc: 4.48 ug/ml



#6 n-Tetradecane (C14)

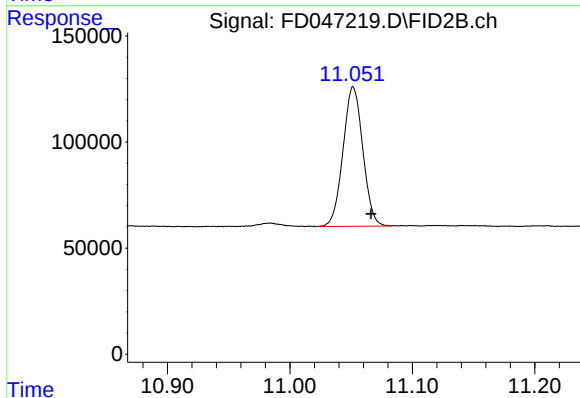
R.T.: 8.031 min
Delta R.T.: -0.009 min
Response: 661853
Conc: 4.09 ug/ml



#7 n-Hexadecane (C16)

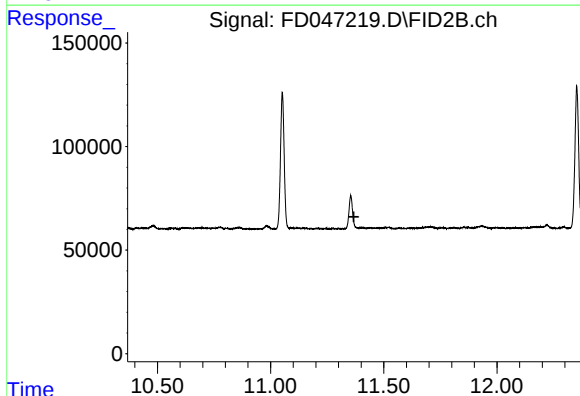
R.T.: 9.621 min
Delta R.T.: -0.011 min
Response: 676686
Conc: 4.04 ug/ml

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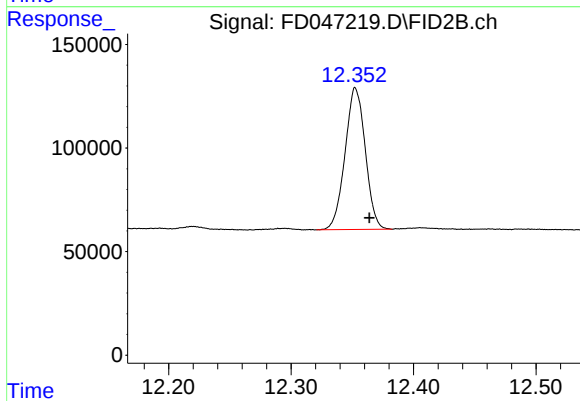
#8 n-Octadecane (C18)

R.T.: 11.052 min
Delta R.T.: -0.014 min
Response: 739301
Conc: 4.34 ug/ml



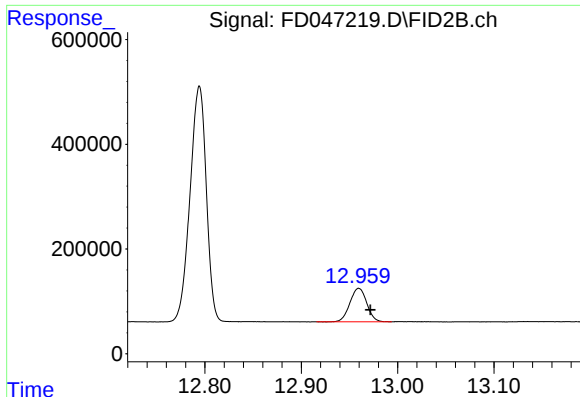
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

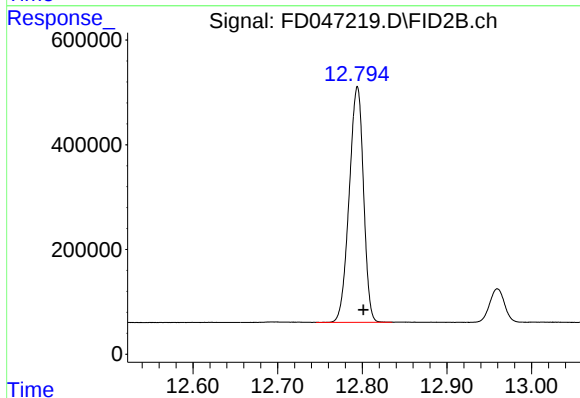
R.T.: 12.353 min
Delta R.T.: -0.012 min
Response: 787057
Conc: 4.78 ug/ml



#11 n-Heneicosane (C21)

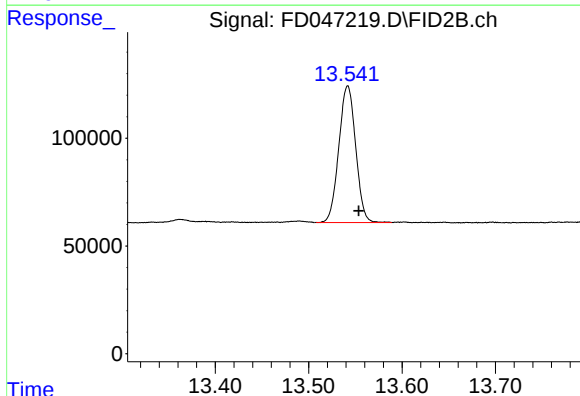
R.T.: 12.960 min
Delta R.T.: -0.012 min
Response: 776952
Conc: 4.79 ug/ml

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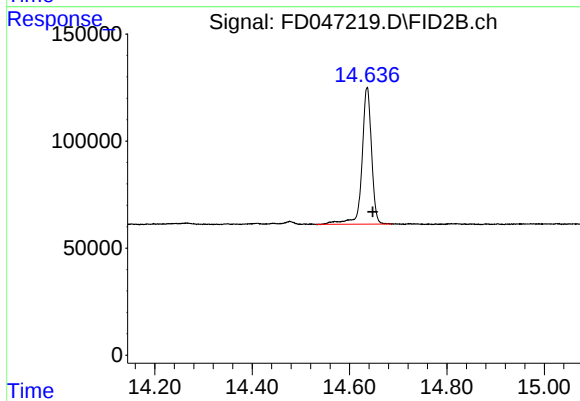
#12 1-chlorooctadecane (SURR)

R.T.: 12.794 min
Delta R.T.: -0.007 min
Response: 5284126
Conc: 38.18 ug/ml



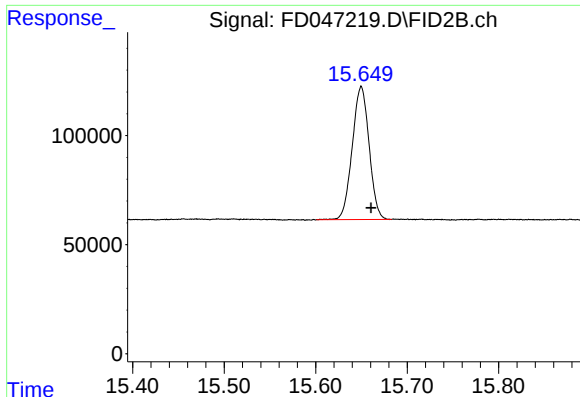
#13 n-Docosane (C22)

R.T.: 13.542 min
Delta R.T.: -0.012 min
Response: 795709
Conc: 4.94 ug/ml



#14 n-Tetracosane (C24)

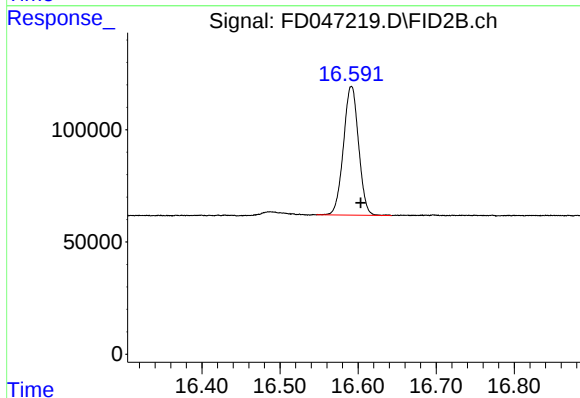
R.T.: 14.636 min
Delta R.T.: -0.011 min
Response: 871547
Conc: 5.47 ug/ml



#15 n-Hexacosane (C26)

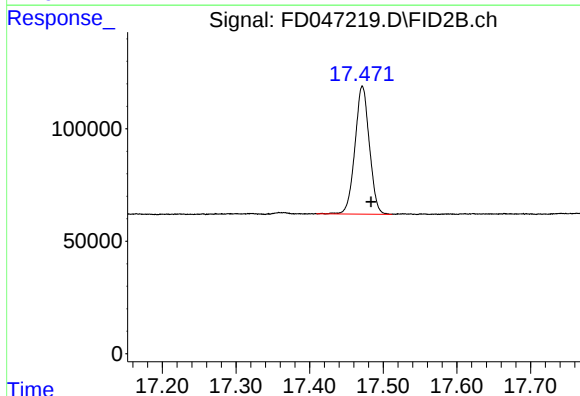
R.T.: 15.650 min
Delta R.T.: -0.011 min
Response: 780691
Conc: 5.03 ug/ml

Instrument :
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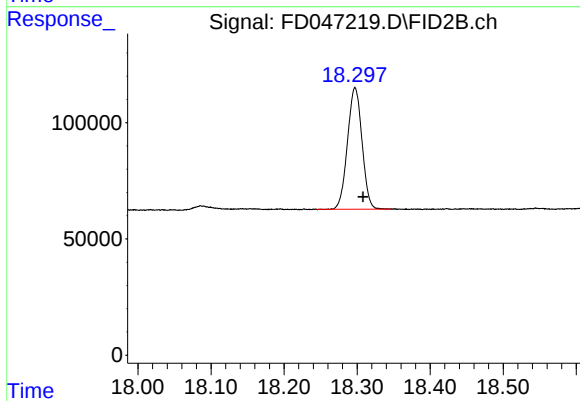
#16 n-Octacosane (C28)

R.T.: 16.592 min
Delta R.T.: -0.012 min
Response: 772325
Conc: 5.16 ug/ml



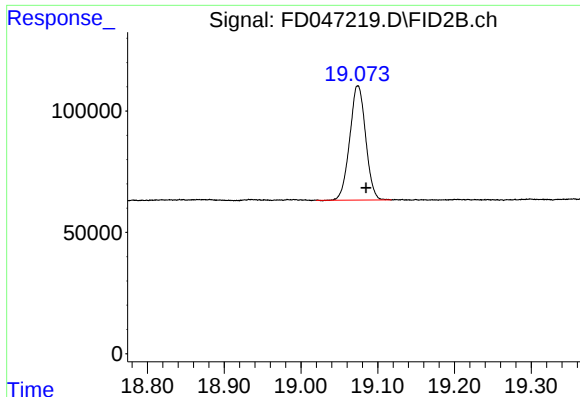
#17 n-Tricontane (C30)

R.T.: 17.472 min
Delta R.T.: -0.012 min
Response: 773146
Conc: 5.22 ug/ml



#18 n-Dotriacontane (C32)

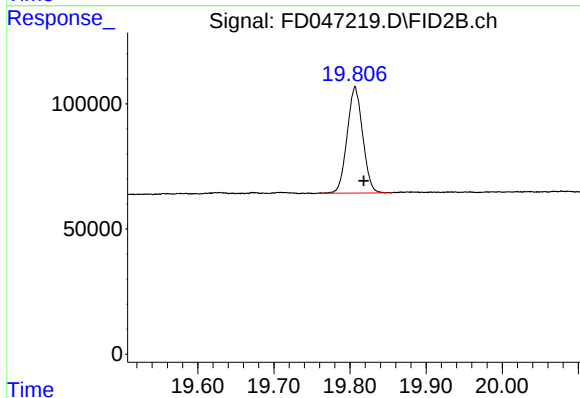
R.T.: 18.297 min
Delta R.T.: -0.011 min
Response: 724964
Conc: 5.14 ug/ml



#19 n-Tetratriacontane (C34)

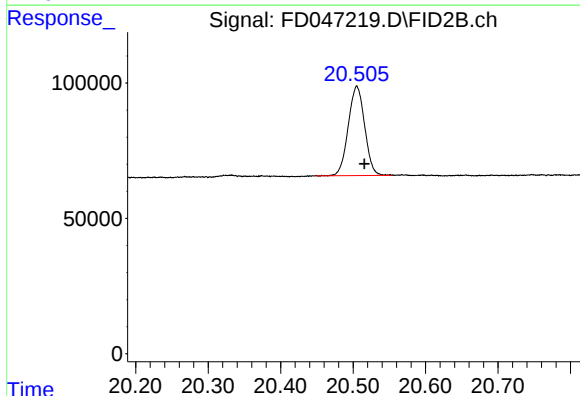
R.T.: 19.074 min
Delta R.T.: -0.011 min
Response: 679789
Conc: 5.14 ug/ml

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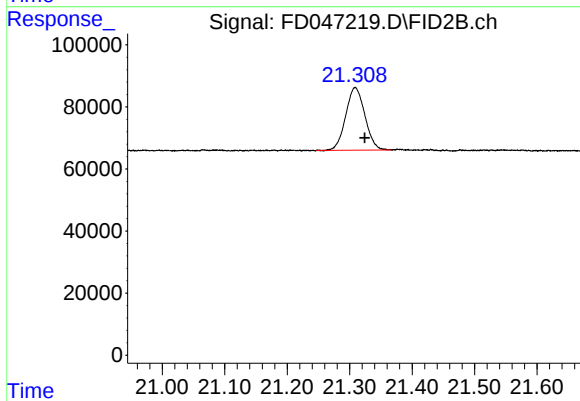
#20 n-Hexatriacontane (C36)

R.T.: 19.807 min
Delta R.T.: -0.011 min
Response: 601953
Conc: 4.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.505 min
Delta R.T.: -0.010 min
Response: 518561
Conc: 4.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.309 min
Delta R.T.: -0.015 min
Response: 430018
Conc: 3.72 ug/ml