

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101023AL\
 Data File : FD046712.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2023 11:42
 Operator : YP/AJ
 Sample : 04699-09
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-WATER-03-QT4-2023

Integration File: autoint1.e
 Quant Time: Oct 11 00:27:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 05:12:31 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...	12.814	3408787	21.633 ug/ml
Spiked Amount 50.000		Recovery =	43.27%
Target Compounds			
1) T n-Nonane (C9)	3.215	234746	1.420 ug/ml
2) T n-Decane (C10)	4.267	296242	1.757 ug/ml
4) T n-Dodecane (C12)	6.267	424661	2.500 ug/ml
6) T n-Tetradecane (C14)	8.051	380496	2.249 ug/ml
7) T n-Hexadecane (C16)	9.642	372544	2.109 ug/ml
8) T n-Octadecane (C18)	11.073	402525	2.196 ug/ml
10) T n-Eicosane (C20)	12.373	425458	2.353 ug/ml
11) T n-Heneicosane (C21)	12.981	396832	2.207 ug/ml
13) T n-Docosane (C22)	13.564	436360	2.416 ug/ml
14) T n-Tetracosane (C24)	14.658	497604	2.715 ug/ml
15) T n-Hexacosane (C26)	15.671	505952	2.828 ug/ml
16) T n-Octacosane (C28)	16.614	542623	3.144 ug/ml
17) T n-Tricontane (C30)	17.495	576581	3.353 ug/ml
18) T n-Dotriacontane (C32)	18.319	541785	3.313 ug/ml
19) T n-Tetratriacontane (C34)	19.098	436676	2.802 ug/ml
20) T n-Hexatriacontane (C36)	19.832	356239	2.534 ug/ml
21) T n-Octatriacontane (C38)	20.531	304928	2.277 ug/ml
22) T n-Tetracontane (C40)	21.342	262076	2.073 ug/ml

(f)=RT Delta > 1/2 Window

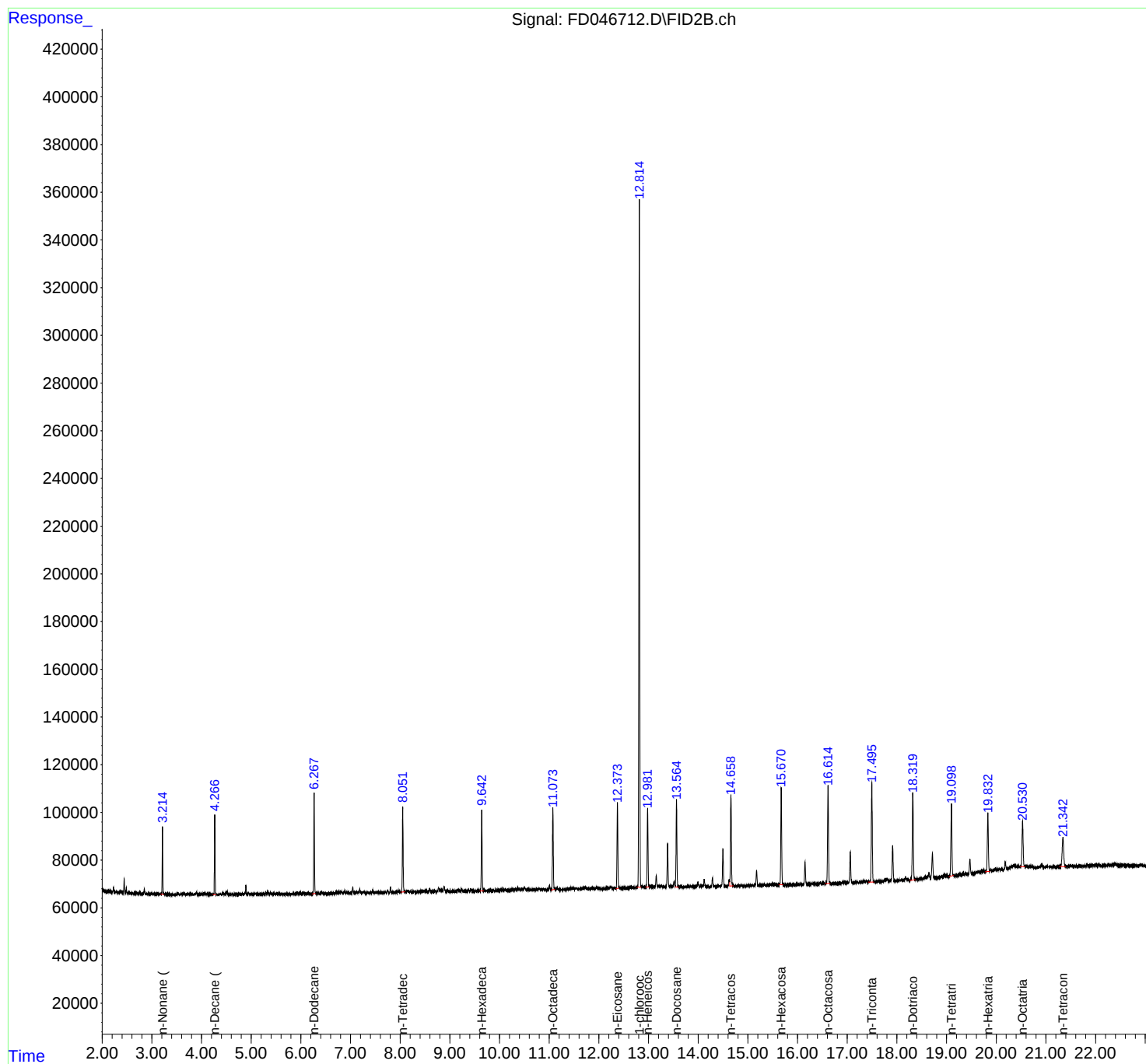
(m)=manual int.

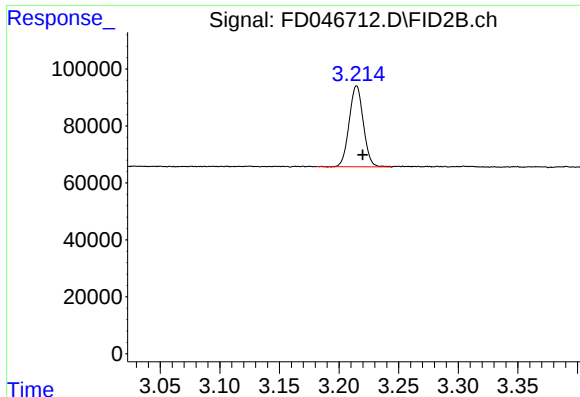
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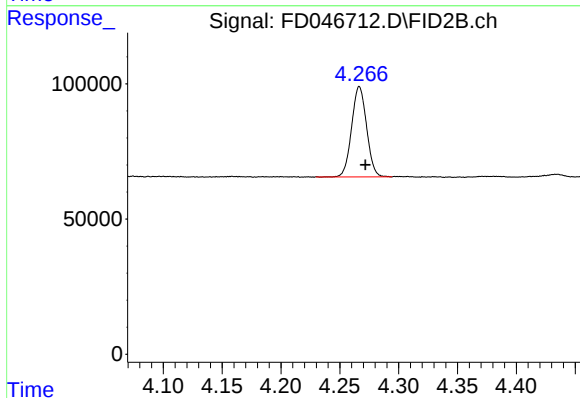




#1 n-Nonane (C9)

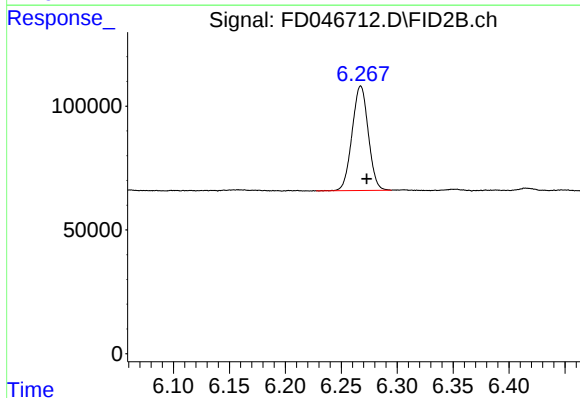
R.T.: 3.215 min
Delta R.T.: -0.005 min
Response: 234746
Conc: 1.42 ug/ml

Instrument :
FID_D
ClientSampleId :
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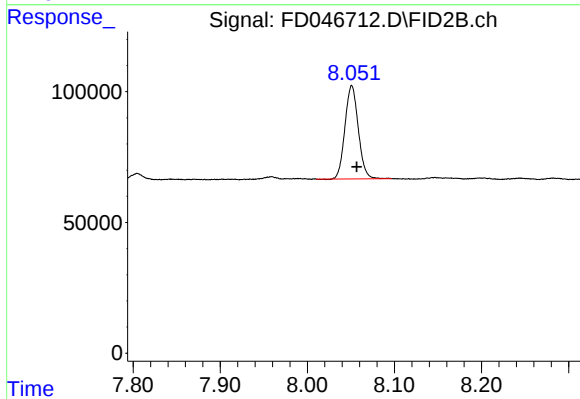
#2 n-Decane (C10)

R.T.: 4.267 min
Delta R.T.: -0.005 min
Response: 296242
Conc: 1.76 ug/ml



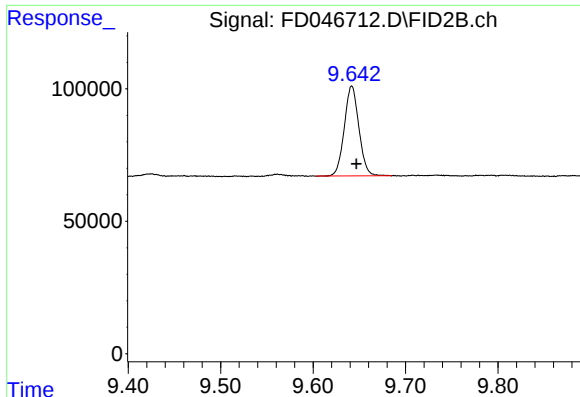
#4 n-Dodecane (C12)

R.T.: 6.267 min
Delta R.T.: -0.005 min
Response: 424661
Conc: 2.50 ug/ml



#6 n-Tetradecane (C14)

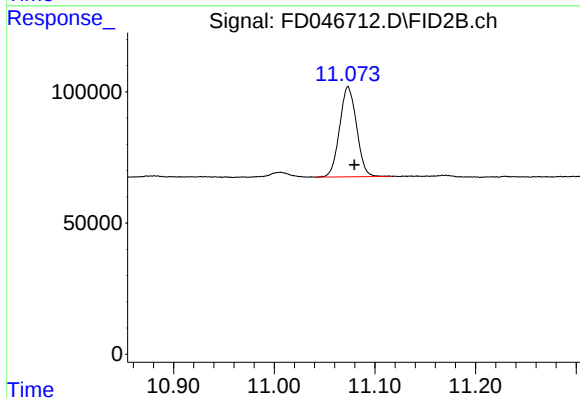
R.T.: 8.051 min
Delta R.T.: -0.006 min
Response: 380496
Conc: 2.25 ug/ml



#7 n-Hexadecane (C16)

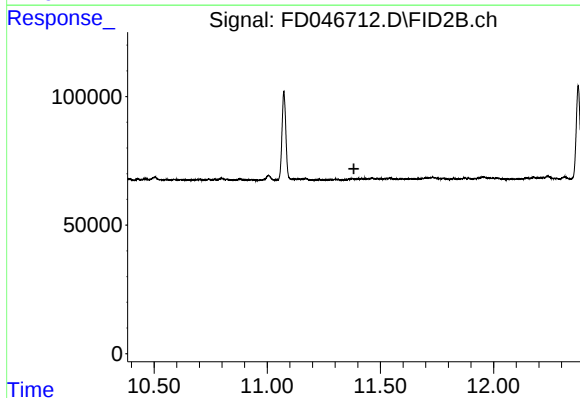
R.T.: 9.642 min
Delta R.T.: -0.005 min
Response: 372544
Conc: 2.11 ug/ml

Instrument :
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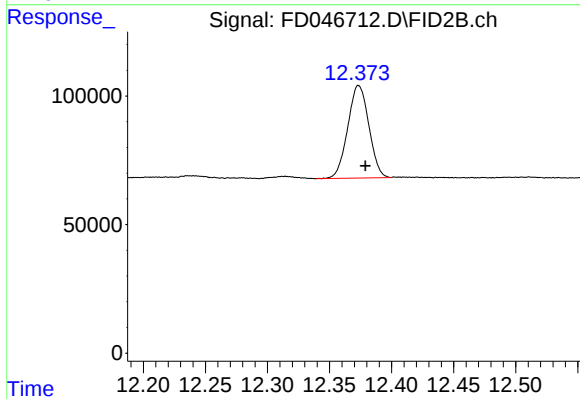
#8 n-Octadecane (C18)

R.T.: 11.073 min
Delta R.T.: -0.006 min
Response: 402525
Conc: 2.20 ug/ml



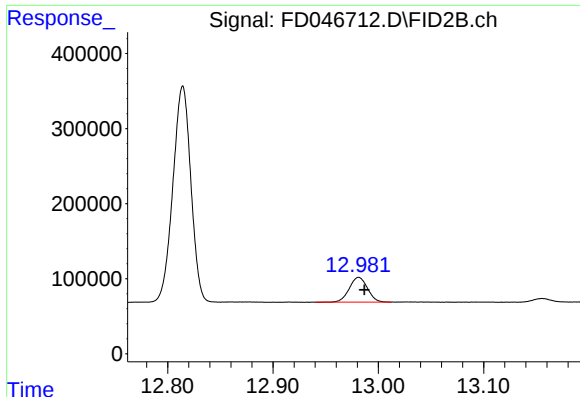
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.383 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

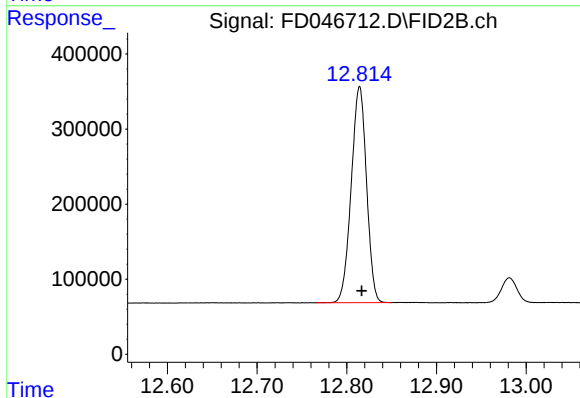
R.T.: 12.373 min
Delta R.T.: -0.005 min
Response: 425458
Conc: 2.35 ug/ml



#11 n-Heneicosane (C21)

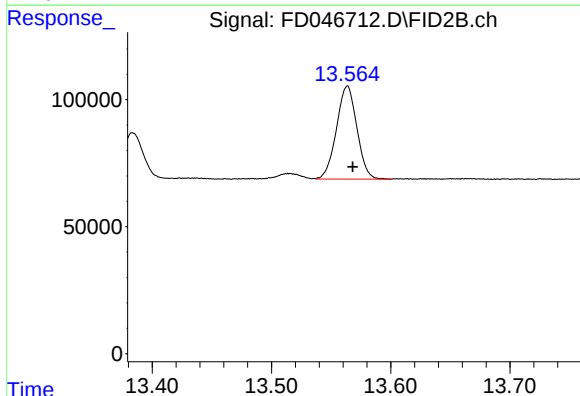
R.T.: 12.981 min
Delta R.T.: -0.005 min
Response: 396832
Conc: 2.21 ug/ml

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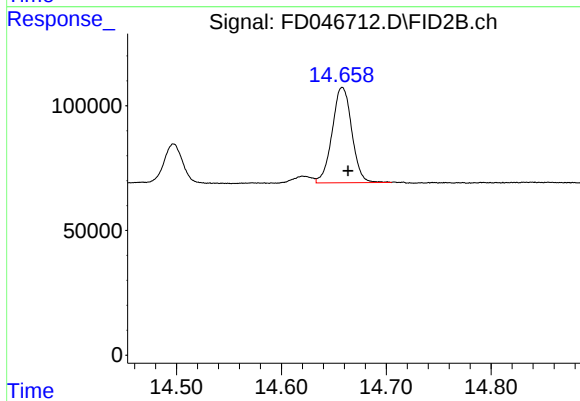
#12 1-chlorooctadecane (SURR)

R.T.: 12.814 min
Delta R.T.: -0.002 min
Response: 3408787
Conc: 21.63 ug/ml



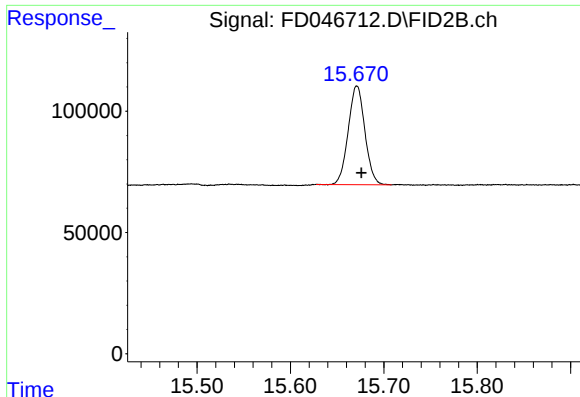
#13 n-Docosane (C22)

R.T.: 13.564 min
Delta R.T.: -0.005 min
Response: 436360
Conc: 2.42 ug/ml



#14 n-Tetracosane (C24)

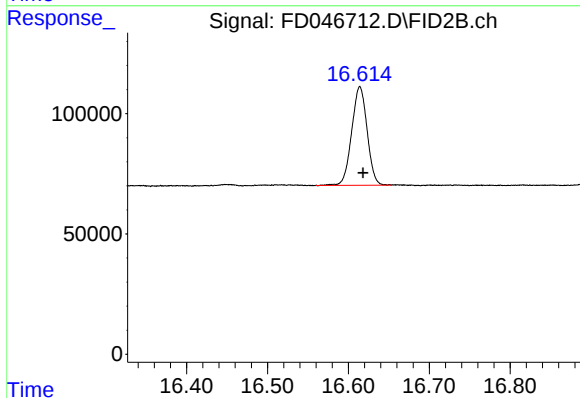
R.T.: 14.658 min
Delta R.T.: -0.005 min
Response: 497604
Conc: 2.71 ug/ml



#15 n-Hexacosane (C26)

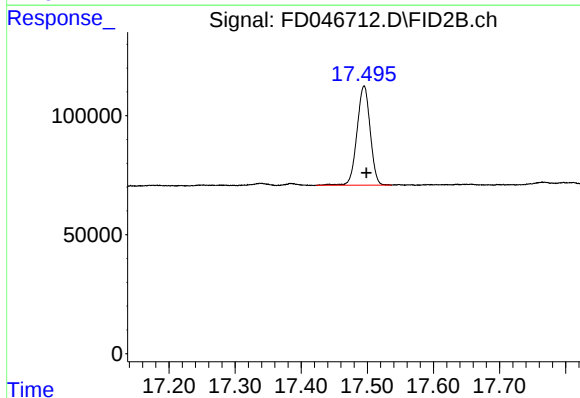
R.T.: 15.671 min
Delta R.T.: -0.005 min
Response: 505952
Conc: 2.83 ug/ml

Instrument :
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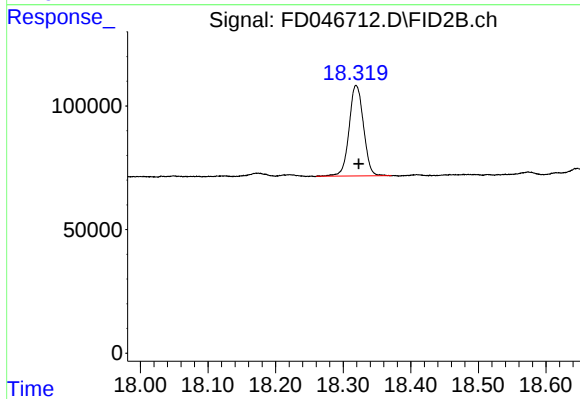
#16 n-Octacosane (C28)

R.T.: 16.614 min
Delta R.T.: -0.004 min
Response: 542623
Conc: 3.14 ug/ml



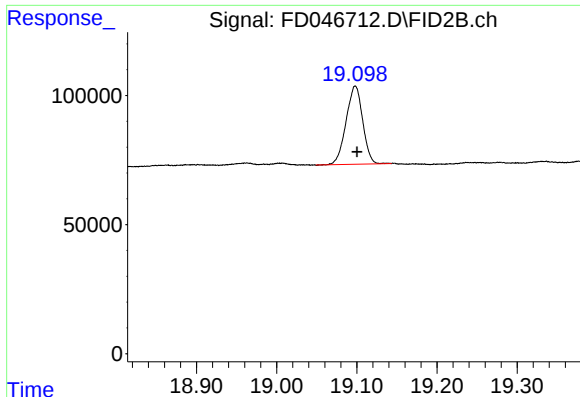
#17 n-Tricontane (C30)

R.T.: 17.495 min
Delta R.T.: -0.003 min
Response: 576581
Conc: 3.35 ug/ml



#18 n-Dotriacontane (C32)

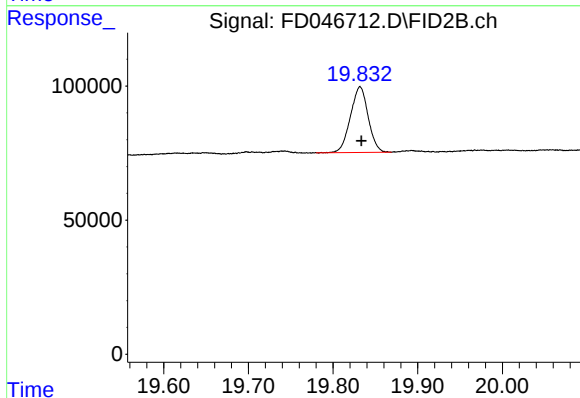
R.T.: 18.319 min
Delta R.T.: -0.004 min
Response: 541785
Conc: 3.31 ug/ml



#19 n-Tetratriacontane (C34)

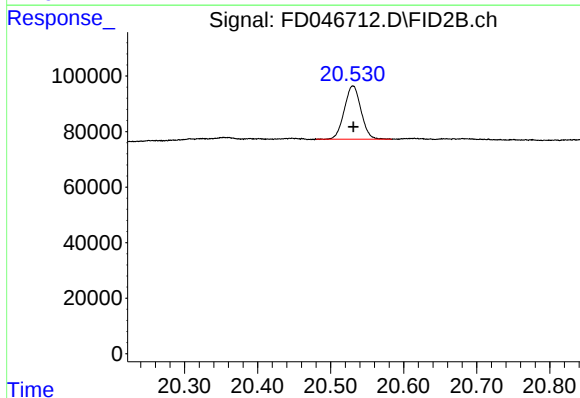
R.T.: 19.098 min
Delta R.T.: -0.002 min
Response: 436676
Conc: 2.80 ug/ml

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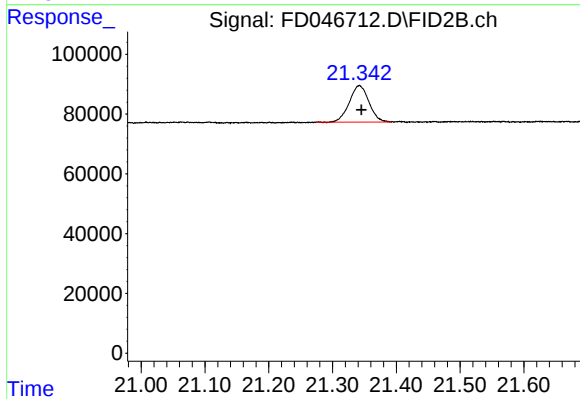
#20 n-Hexatriacontane (C36)

R.T.: 19.832 min
Delta R.T.: -0.002 min
Response: 356239
Conc: 2.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.531 min
Delta R.T.: 0.000 min
Response: 304928
Conc: 2.28 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.342 min
Delta R.T.: -0.003 min
Response: 262076
Conc: 2.07 ug/ml