

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040623AL\
 Data File : FC063311.D
 Signal(s) : FID1A.ch
 Acq On : 06 Apr 2023 22:04
 Operator : YP/AJ
 Sample : 02213-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOQ-SOIL-02-QT2-2023

Integration File: autoint1.e
 Quant Time: Apr 07 06:36:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:22:46 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...	12.968	5512892	49.825 ug/ml
Spiked Amount 50.000		Recovery =	99.65%
Target Compounds			
1) T n-Nonane (C9)	3.299	326078	2.323 ug/ml
2) T n-Decane (C10)	4.365	385906	2.832 ug/ml
4) T n-Dodecane (C12)	6.382	438083	3.256 ug/ml
6) T n-Tetradecane (C14)	8.177	422719	3.123 ug/ml
7) T n-Hexadecane (C16)	9.776	506274	3.728 ug/ml
8) T n-Octadecane (C18)	11.217	608949	4.396 ug/ml
10) T n-Eicosane (C20)	12.522	587912	4.376 ug/ml
11) T n-Heneicosane (C21)	13.135	551761	4.100 ug/ml
13) T n-Docosane (C22)	13.718	580558	4.353 ug/ml
14) T n-Tetracosane (C24)	14.819	573078	4.262 ug/ml
15) T n-Hexacosane (C26)	15.838	567294	4.238 ug/ml
16) T n-Octacosane (C28)	16.785	569005	4.202 ug/ml
17) T n-Tricontane (C30)	17.670	606681	4.386 ug/ml
18) T n-Dotriacontane (C32)	18.499	674330	4.776 ug/ml
19) T n-Tetratriacontane (C34)	19.280	627049	4.544 ug/ml
20) T n-Hexatriacontane (C36)	20.017	529435	4.142 ug/ml
21) T n-Octatriacontane (C38)	20.742	460732	3.742 ug/ml
22) T n-Tetracontane (C40)	21.636	380275	3.231 ug/ml

(f)=RT Delta > 1/2 Window

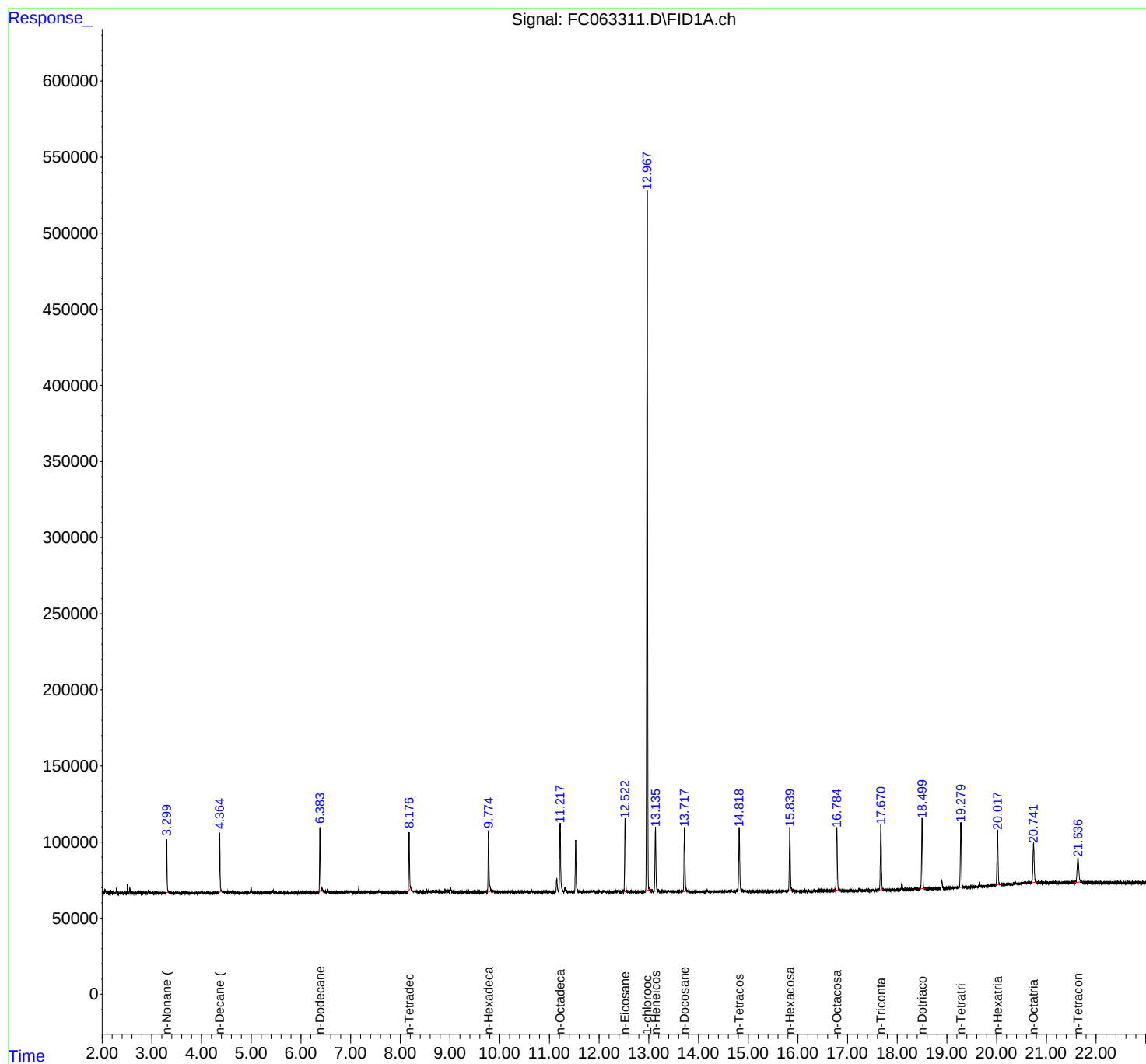
(m)=manual int.

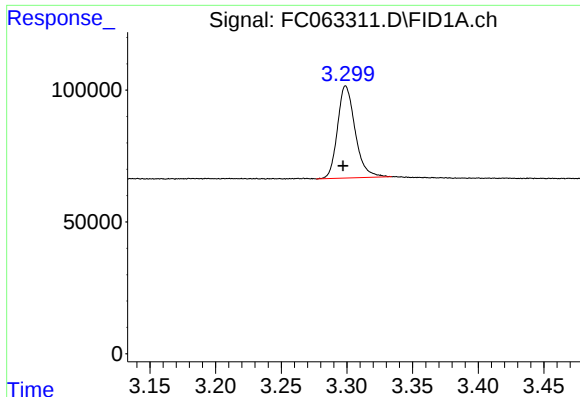
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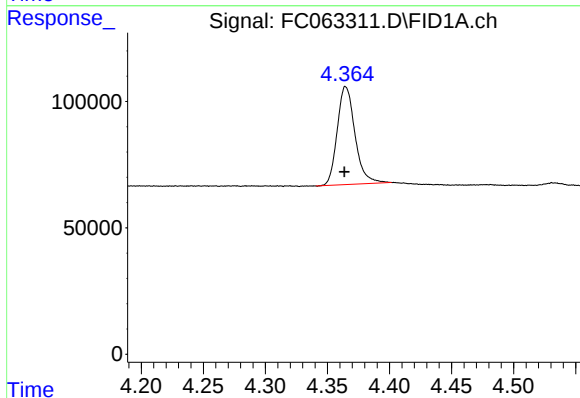




#1 n-Nonane (C9)

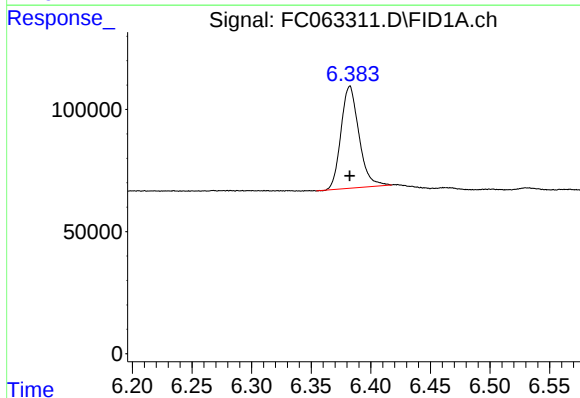
R.T.: 3.299 min
Delta R.T.: 0.002 min
Response: 326078
Conc: 2.32 ug/ml

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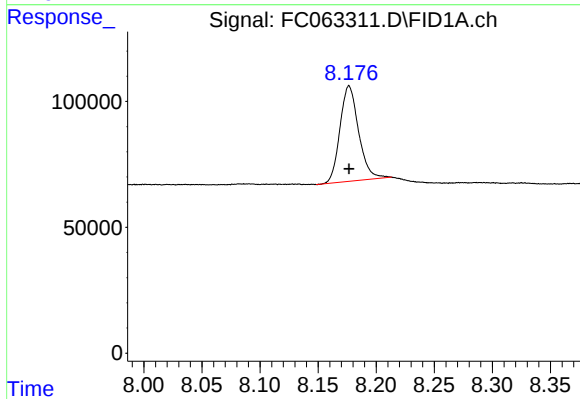
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: 0.001 min
Response: 385906
Conc: 2.83 ug/ml



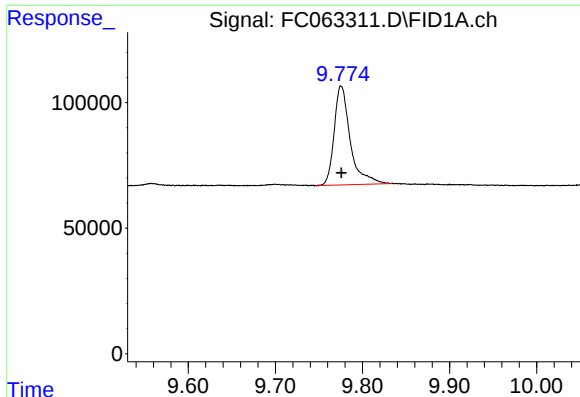
#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 438083
Conc: 3.26 ug/ml



#6 n-Tetradecane (C14)

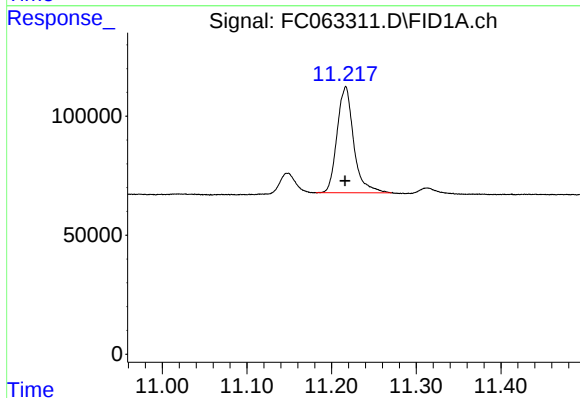
R.T.: 8.177 min
Delta R.T.: 0.000 min
Response: 422719
Conc: 3.12 ug/ml



#7 n-Hexadecane (C16)

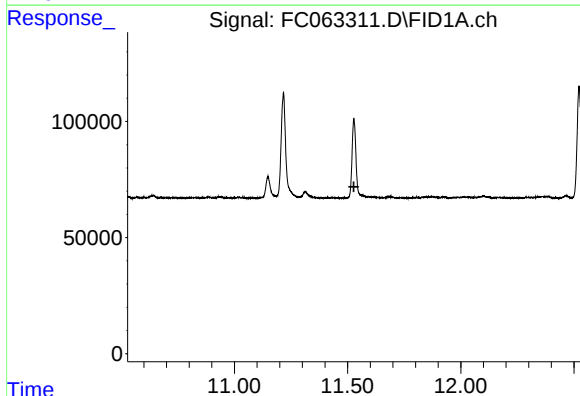
R.T.: 9.776 min
Delta R.T.: 0.000 min
Response: 506274
Conc: 3.73 ug/ml

Instrument :
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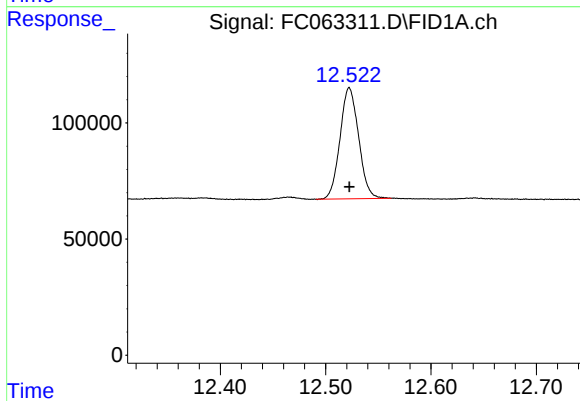
#8 n-Octadecane (C18)

R.T.: 11.217 min
Delta R.T.: 0.000 min
Response: 608949
Conc: 4.40 ug/ml



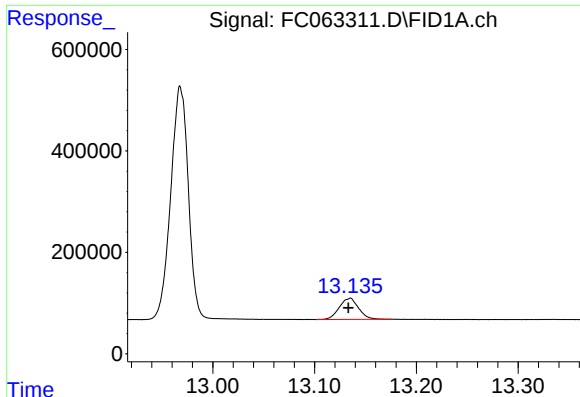
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.528 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

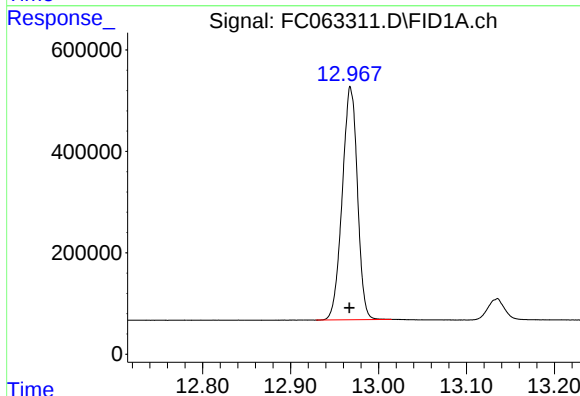
R.T.: 12.522 min
Delta R.T.: 0.000 min
Response: 587912
Conc: 4.38 ug/ml



#11 n-Heneicosane (C21)

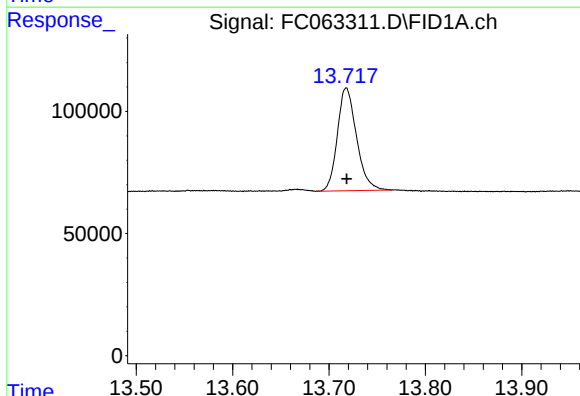
R.T.: 13.135 min
Delta R.T.: 0.002 min
Response: 551761
Conc: 4.10 ug/ml

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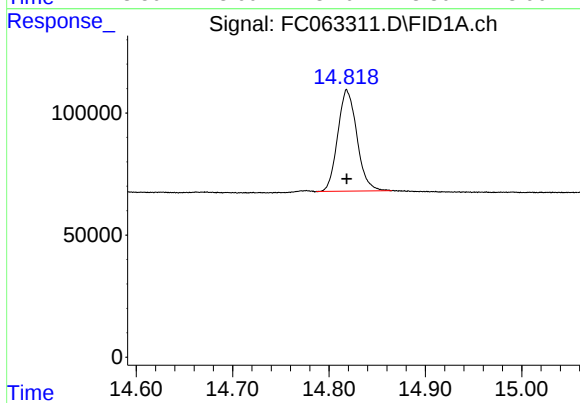
#12 1-chlorooctadecane (SURR)

R.T.: 12.968 min
Delta R.T.: 0.001 min
Response: 5512892
Conc: 49.82 ug/ml



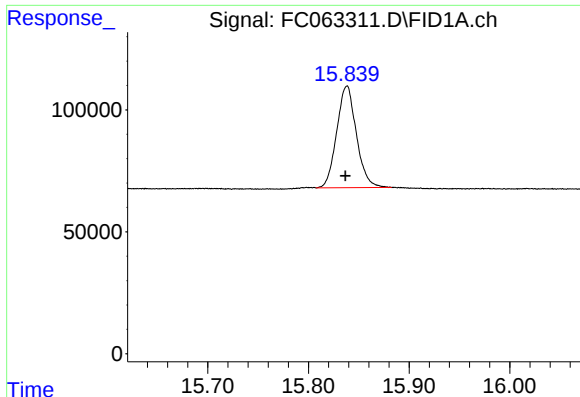
#13 n-Docosane (C22)

R.T.: 13.718 min
Delta R.T.: 0.000 min
Response: 580558
Conc: 4.35 ug/ml



#14 n-Tetracosane (C24)

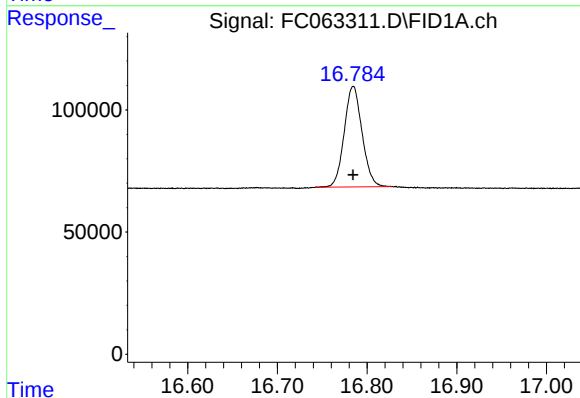
R.T.: 14.819 min
Delta R.T.: 0.000 min
Response: 573078
Conc: 4.26 ug/ml



#15 n-Hexacosane (C26)

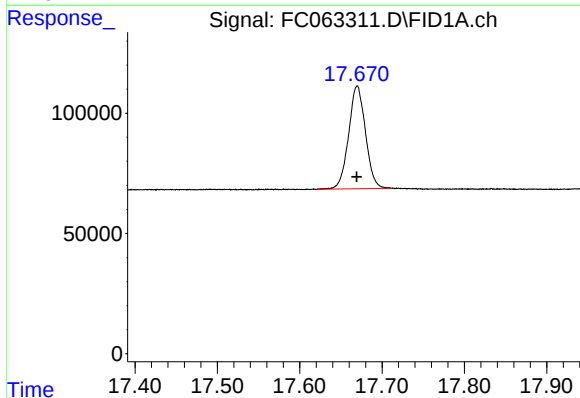
R.T.: 15.838 min
Delta R.T.: 0.001 min
Response: 567294
Conc: 4.24 ug/ml

Instrument :
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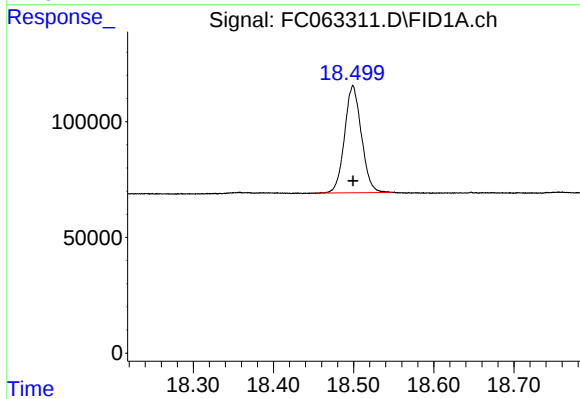
#16 n-Octacosane (C28)

R.T.: 16.785 min
Delta R.T.: 0.000 min
Response: 569005
Conc: 4.20 ug/ml



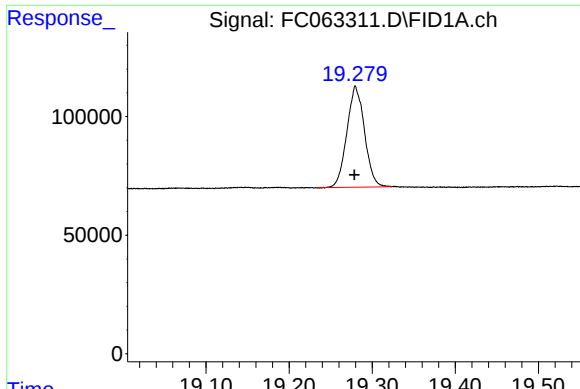
#17 n-Tricontane (C30)

R.T.: 17.670 min
Delta R.T.: 0.000 min
Response: 606681
Conc: 4.39 ug/ml



#18 n-Dotriacontane (C32)

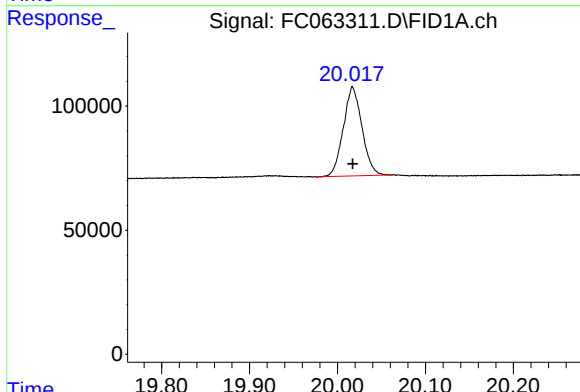
R.T.: 18.499 min
Delta R.T.: 0.000 min
Response: 674330
Conc: 4.78 ug/ml



#19 n-Tetratriacontane (C34)

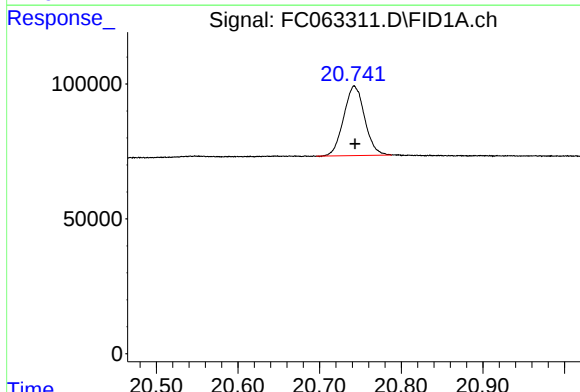
R.T.: 19.280 min
Delta R.T.: 0.001 min
Response: 627049
Conc: 4.54 ug/ml

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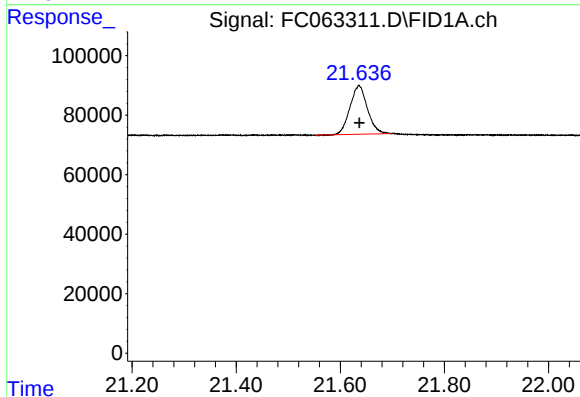
#20 n-Hexatriacontane (C36)

R.T.: 20.017 min
Delta R.T.: 0.000 min
Response: 529435
Conc: 4.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.742 min
Delta R.T.: 0.000 min
Response: 460732
Conc: 3.74 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.636 min
Delta R.T.: 0.000 min
Response: 380275
Conc: 3.23 ug/ml