

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050924AL\
 Data File : FC066362.D
 Signal(s) : FID1A.ch
 Acq On : 09 May 2024 20:07
 Operator : YP/AJ
 Sample : P2403-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Integration File: autoint1.e
 Quant Time: May 10 06:06:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 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...	13.003	5356038	43.666 ug/ml
Spiked Amount 50.000		Recovery =	87.33%
Target Compounds			
1) T n-Nonane (C9)	3.323	418789	2.773 ug/ml
2) T n-Decane (C10)	4.389	512998	3.336 ug/ml
4) T n-Dodecane (C12)	6.407	664142	4.322 ug/ml
6) T n-Tetradecane (C14)	8.202	597451	3.948 ug/ml
7) T n-Hexadecane (C16)	9.803	604973	3.956 ug/ml
8) T n-Octadecane (C18)	11.246	640903	4.222 ug/ml
10) T n-Eicosane (C20)	12.556	639333	4.444 ug/ml
11) T n-Heneicosane (C21)	13.168	623759	4.437 ug/ml
13) T n-Docosane (C22)	13.754	645693	4.612 ug/ml
14) T n-Tetracosane (C24)	14.857	642921	4.567 ug/ml
15) T n-Hexacosane (C26)	15.878	623961	4.562 ug/ml
16) T n-Octacosane (C28)	16.828	589954	4.405 ug/ml
17) T n-Tricontane (C30)	17.717	585131	4.342 ug/ml
18) T n-Dotriacontane (C32)	18.550	575972	4.473 ug/ml
19) T n-Tetratriacontane (C34)	19.334	553144	4.675 ug/ml
20) T n-Hexatriacontane (C36)	20.073	502648	4.373 ug/ml
21) T n-Octatriacontane (C38)	20.808	489149	4.545 ug/ml
22) T n-Tetracontane (C40)	21.717	463501	4.322 ug/ml

(f)=RT Delta > 1/2 Window

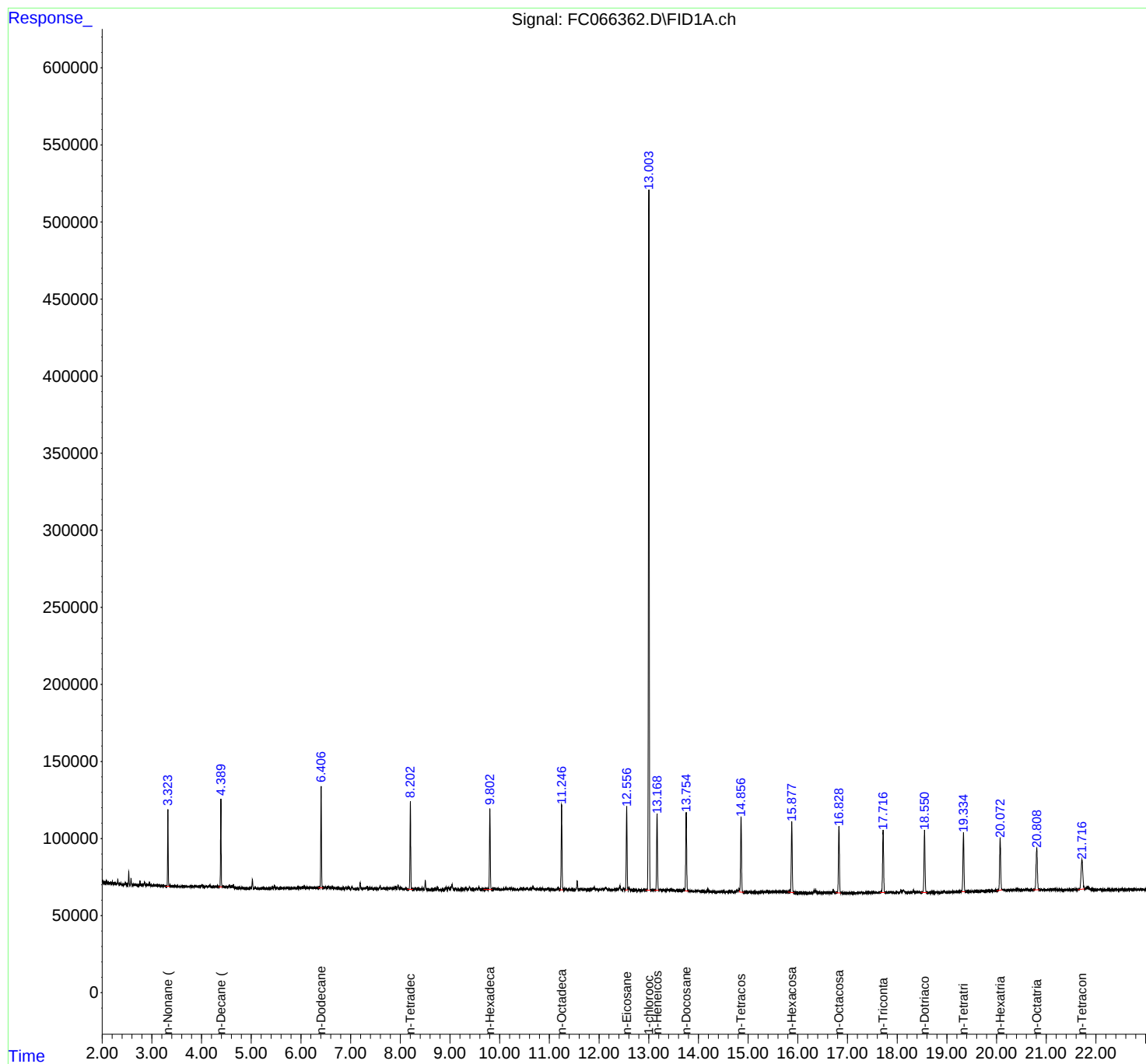
(m)=manual int.

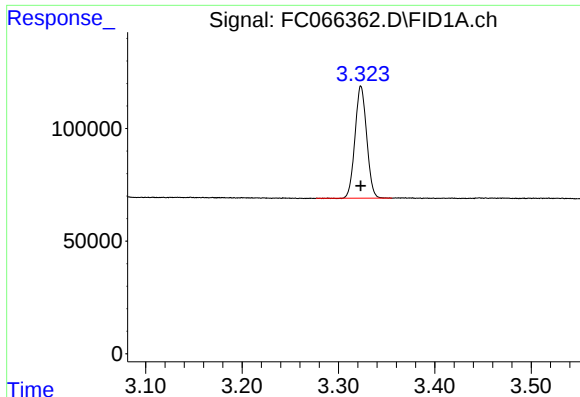
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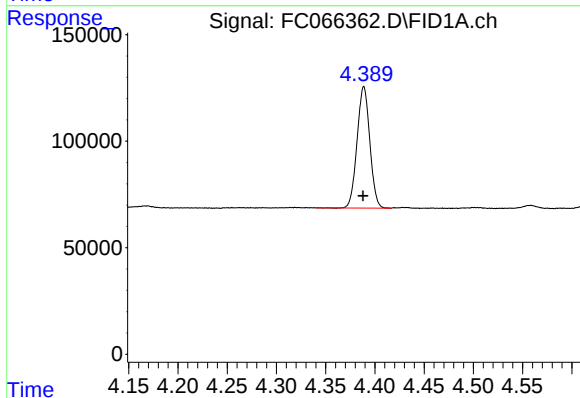




#1 n-Nonane (C9)

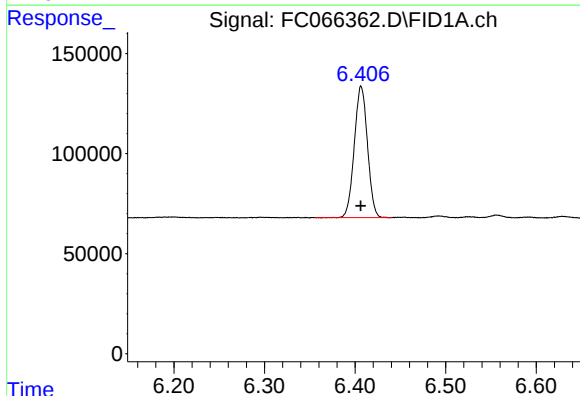
R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 418789
Conc: 2.77 ug/ml

Instrument :
FID_C
ClientSampleId :
LOQ-WATER-02-QT2-2024



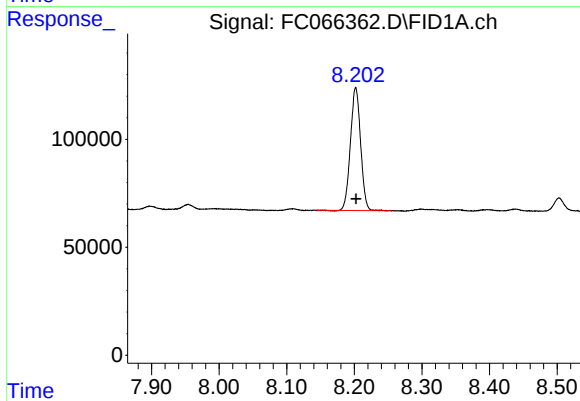
#2 n-Decane (C10)

R.T.: 4.389 min
Delta R.T.: 0.000 min
Response: 512998
Conc: 3.34 ug/ml



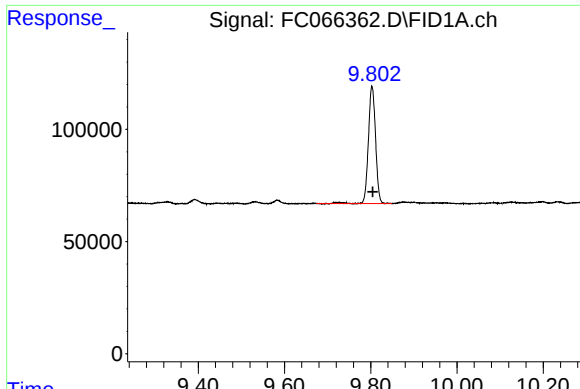
#4 n-Dodecane (C12)

R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 664142
Conc: 4.32 ug/ml



#6 n-Tetradecane (C14)

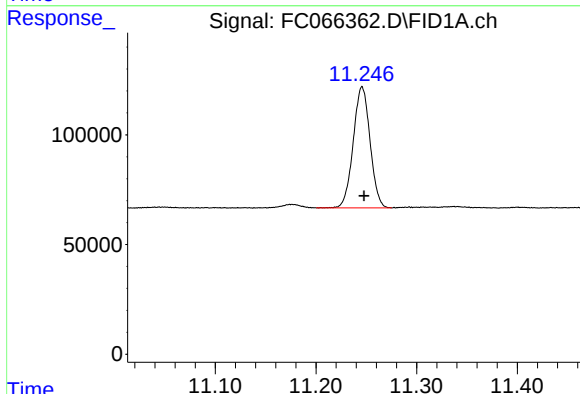
R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 597451
Conc: 3.95 ug/ml



#7 n-Hexadecane (C16)

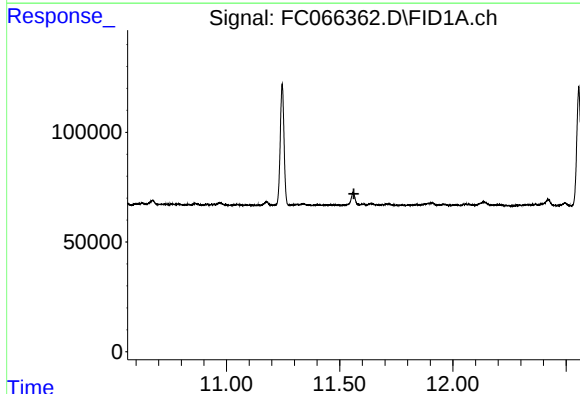
R.T.: 9.803 min
Delta R.T.: -0.001 min
Response: 604973
Conc: 3.96 ug/ml

Instrument :
FID_C
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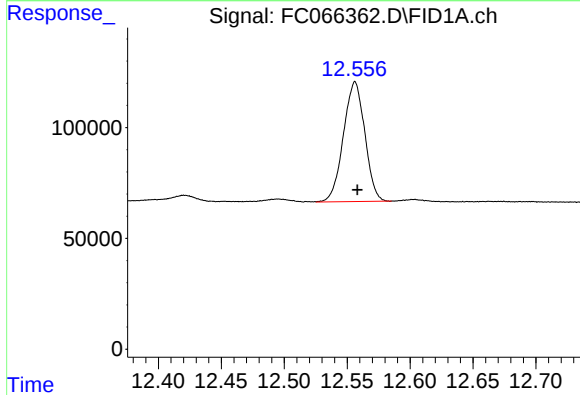
#8 n-Octadecane (C18)

R.T.: 11.246 min
Delta R.T.: -0.002 min
Response: 640903
Conc: 4.22 ug/ml



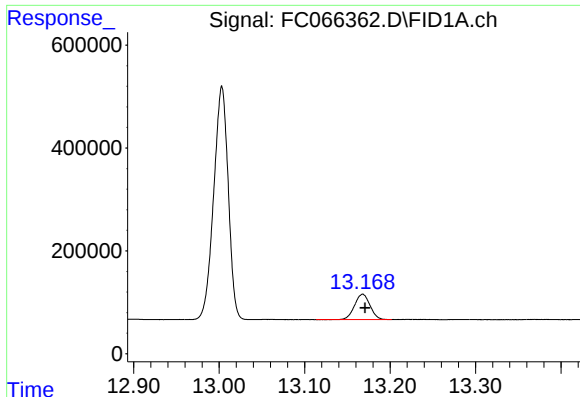
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.563 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

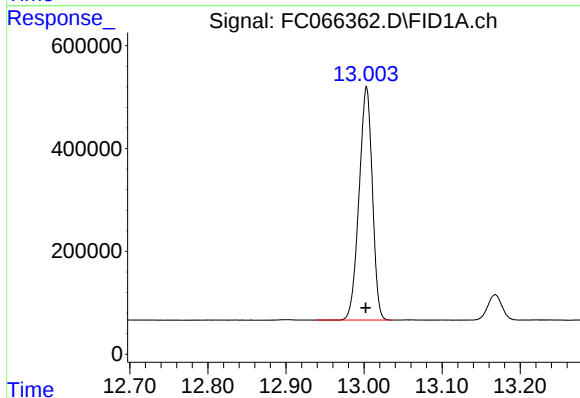
R.T.: 12.556 min
Delta R.T.: -0.002 min
Response: 639333
Conc: 4.44 ug/ml



#11 n-Heneicosane (C21)

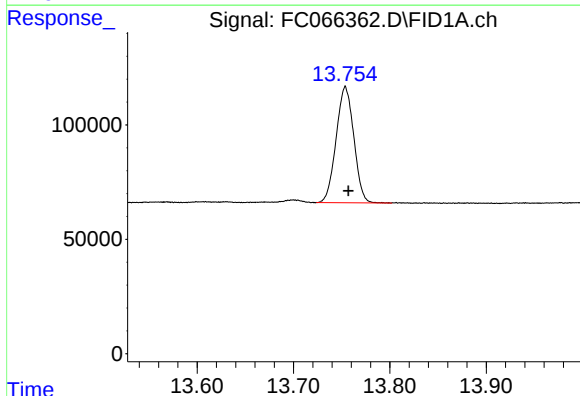
R.T.: 13.168 min
Delta R.T.: -0.003 min
Response: 623759
Conc: 4.44 ug/ml

Instrument :
FID_C
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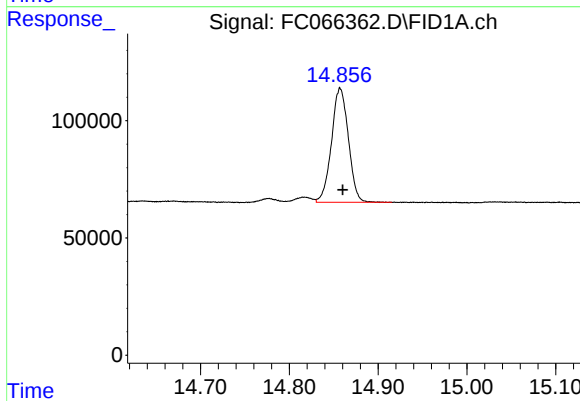
#12 1-chlorooctadecane (SURR)

R.T.: 13.003 min
Delta R.T.: 0.000 min
Response: 5356038
Conc: 43.67 ug/ml



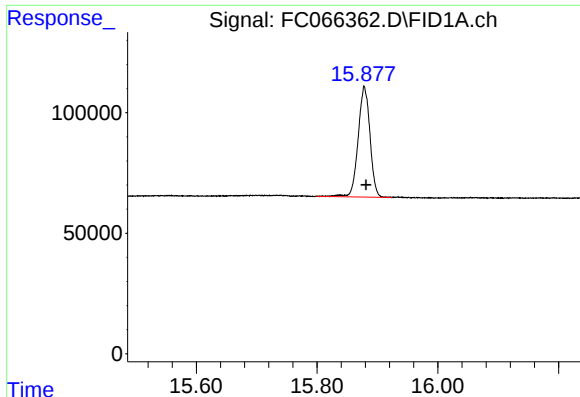
#13 n-Docosane (C22)

R.T.: 13.754 min
Delta R.T.: -0.003 min
Response: 645693
Conc: 4.61 ug/ml



#14 n-Tetracosane (C24)

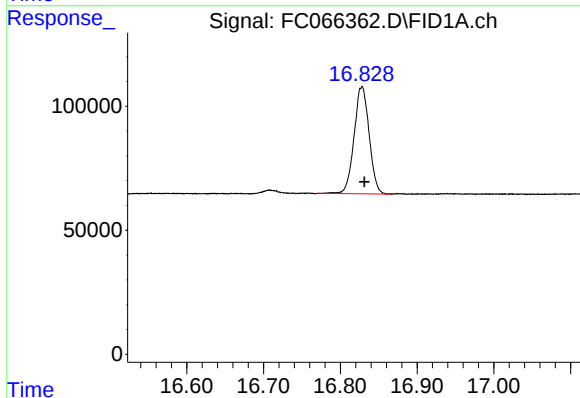
R.T.: 14.857 min
Delta R.T.: -0.003 min
Response: 642921
Conc: 4.57 ug/ml



#15 n-Hexacosane (C26)

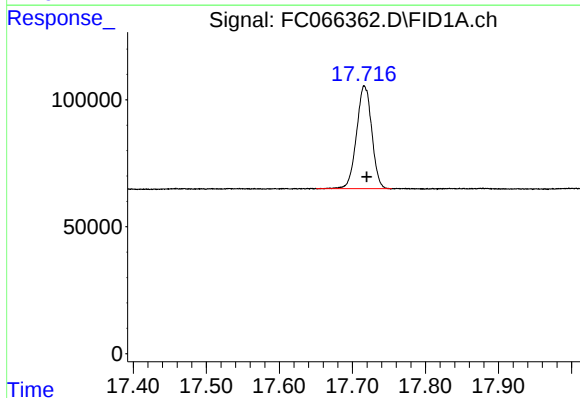
R.T.: 15.878 min
Delta R.T.: -0.003 min
Response: 623961
Conc: 4.56 ug/ml

Instrument :
FID_C
ClientSampleId :
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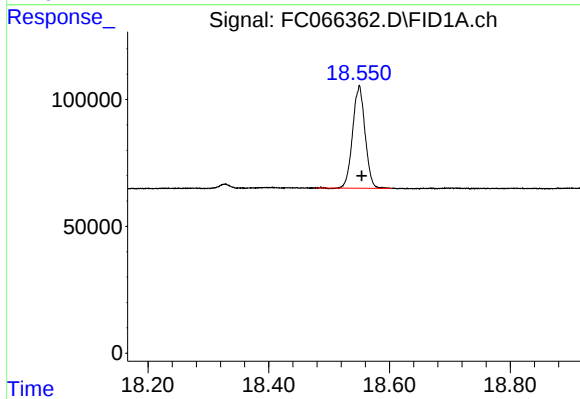
#16 n-Octacosane (C28)

R.T.: 16.828 min
Delta R.T.: -0.003 min
Response: 589954
Conc: 4.41 ug/ml



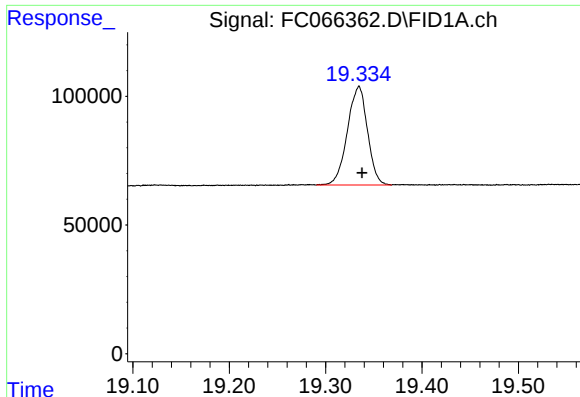
#17 n-Tricontane (C30)

R.T.: 17.717 min
Delta R.T.: -0.003 min
Response: 585131
Conc: 4.34 ug/ml



#18 n-Dotriacontane (C32)

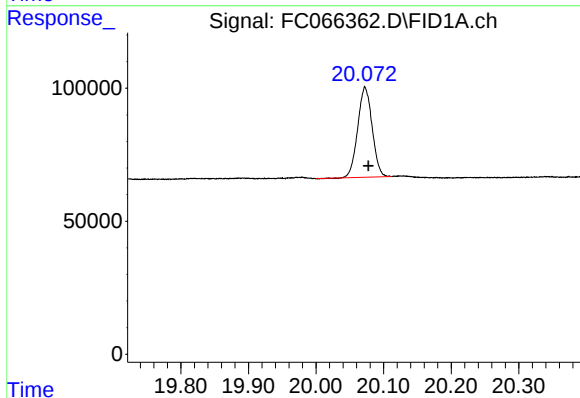
R.T.: 18.550 min
Delta R.T.: -0.004 min
Response: 575972
Conc: 4.47 ug/ml



#19 n-Tetratriacontane (C34)

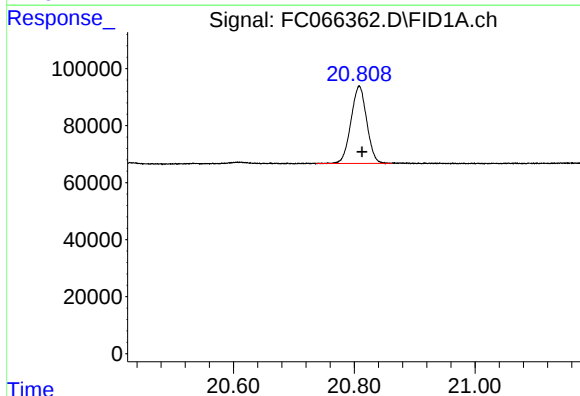
R.T.: 19.334 min
Delta R.T.: -0.004 min
Response: 553144
Conc: 4.68 ug/ml

Instrument :
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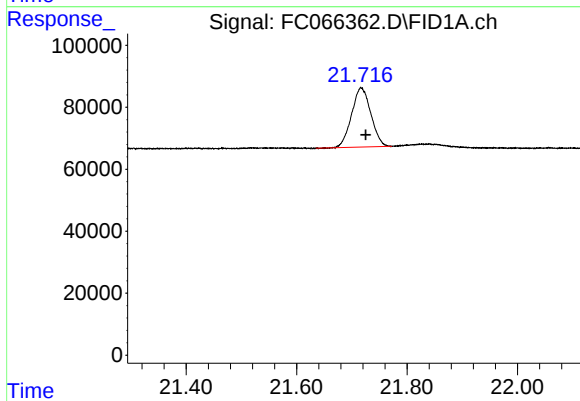
#20 n-Hexatriacontane (C36)

R.T.: 20.073 min
Delta R.T.: -0.005 min
Response: 502648
Conc: 4.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.808 min
Delta R.T.: -0.005 min
Response: 489149
Conc: 4.54 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.717 min
Delta R.T.: -0.008 min
Response: 463501
Conc: 4.32 ug/ml