

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080723AL\
 Data File : FC064338.D
 Signal(s) : FID1A.ch
 Acq On : 07 Aug 2023 15:35
 Operator : YP/AJ
 Sample : 03572-08
 Misc : LOQ 5 PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

Integration File: autoint1.e
 Quant Time: Aug 08 02:50:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 24 01:54:49 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...	12.950	4911614	38.947 ug/ml
Spiked Amount 50.000		Recovery =	77.89%
Target Compounds			
1) T n-Nonane (C9)	3.308	645493	3.978 ug/ml
2) T n-Decane (C10)	4.369	593538	3.630 ug/ml
4) T n-Dodecane (C12)	6.380	587857	3.601 ug/ml
6) T n-Tetradecane (C14)	8.170	598064	3.809 ug/ml
7) T n-Hexadecane (C16)	9.765	588749	3.744 ug/ml
8) T n-Octadecane (C18)	11.202	696893	4.399 ug/ml
10) T n-Eicosane (C20)	12.506	594750	3.985 ug/ml
11) T n-Heneicosane (C21)	13.117	592428	4.059 ug/ml
13) T n-Docosane (C22)	13.703	570799	3.999 ug/ml
14) T n-Tetracosane (C24)	14.801	555188	3.953 ug/ml
15) T n-Hexacosane (C26)	15.818	547957	3.990 ug/ml
16) T n-Octacosane (C28)	16.762	555419	4.142 ug/ml
17) T n-Tricontane (C30)	17.646	553721	3.989 ug/ml
18) T n-Dotriacontane (C32)	18.477	557397	3.961 ug/ml
19) T n-Tetratriacontane (C34)	19.255	531038	3.825 ug/ml
20) T n-Hexatriacontane (C36)	19.993	480909	3.544 ug/ml
21) T n-Octatriacontane (C38)	20.714	408037	3.008 ug/ml
22) T n-Tetracontane (C40)	21.602	310698	2.313 ug/ml

(f)=RT Delta > 1/2 Window

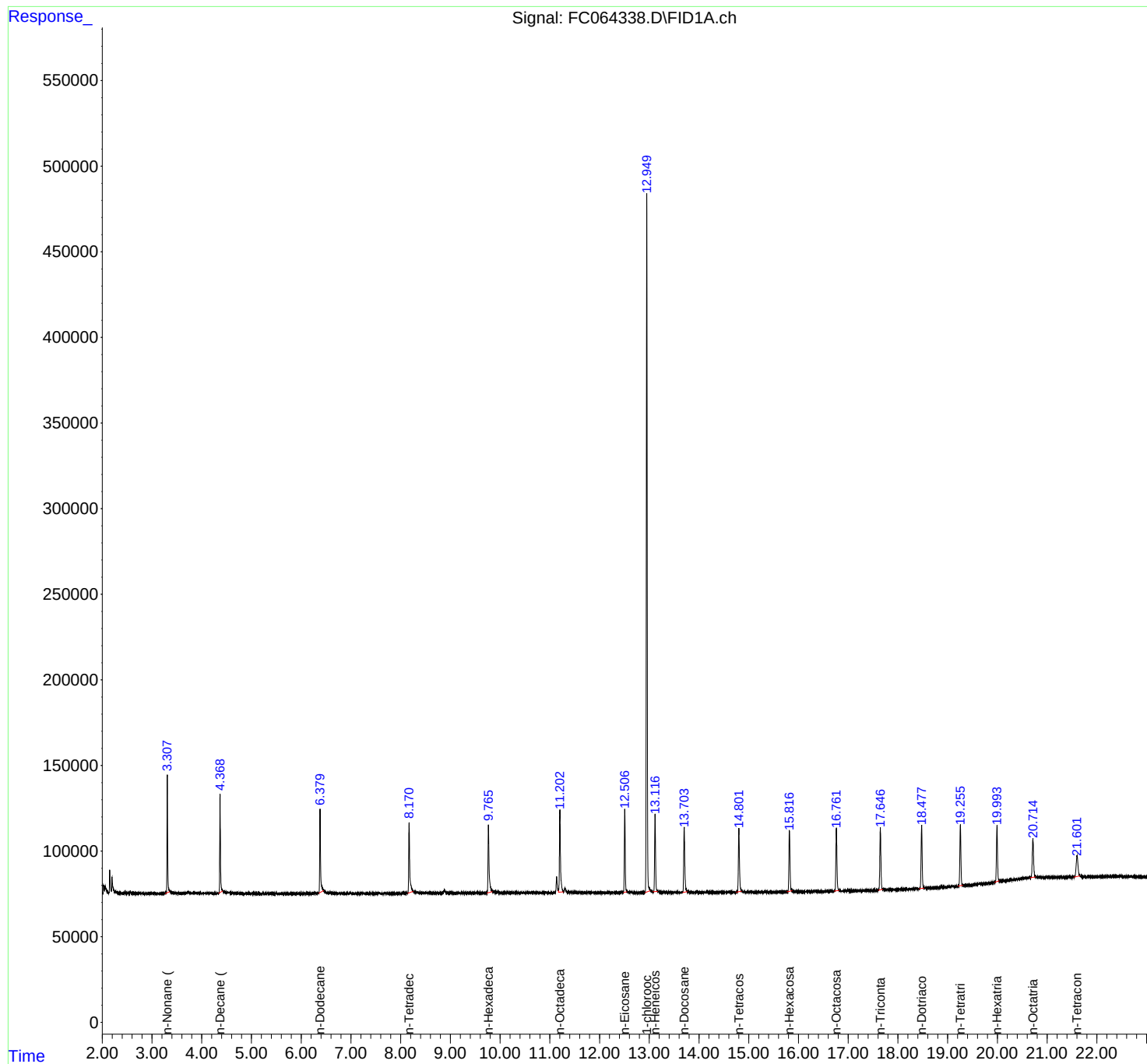
(m)=manual int.

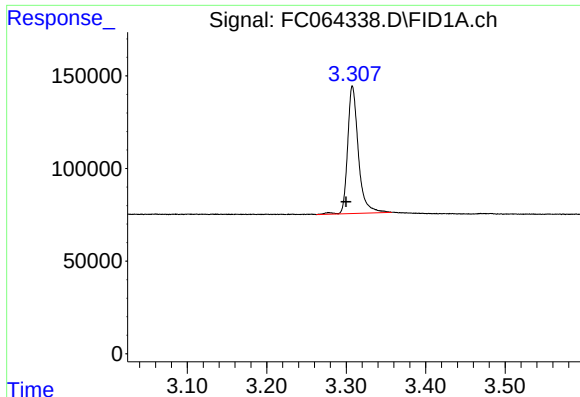
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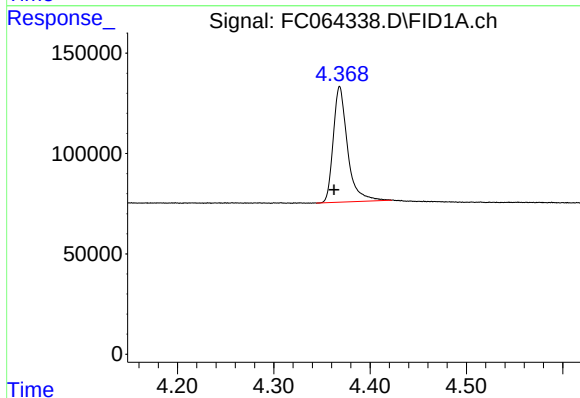




#1 n-Nonane (C9)

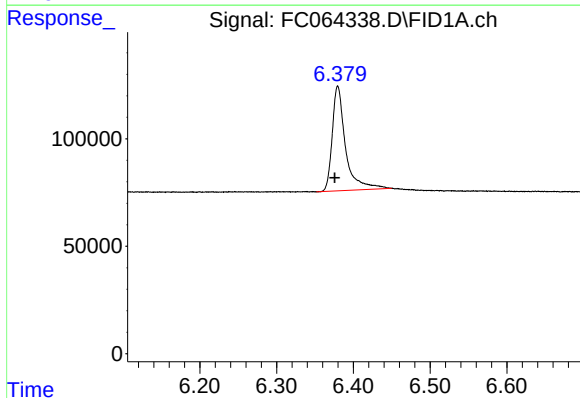
R.T.: 3.308 min
Delta R.T.: 0.008 min
Response: 645493
Conc: 3.98 ug/ml

Instrument :
FID_C
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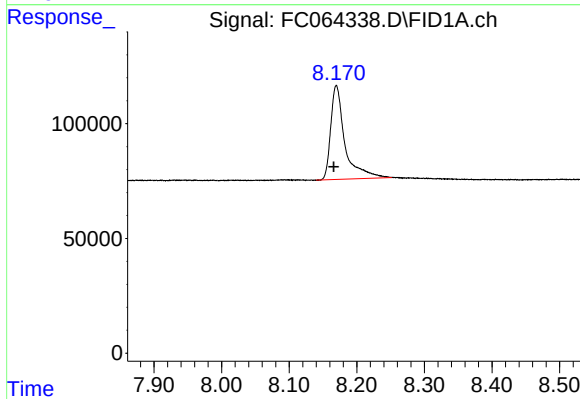
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: 0.006 min
Response: 593538
Conc: 3.63 ug/ml



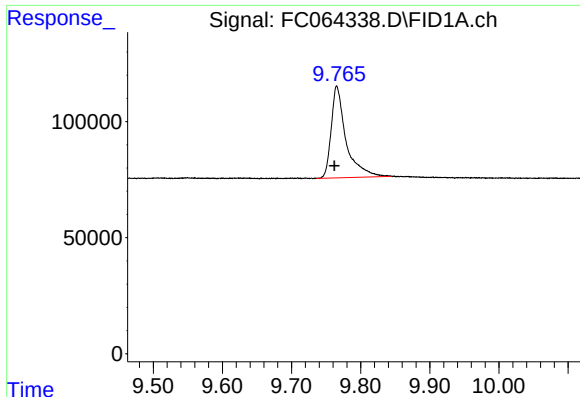
#4 n-Dodecane (C12)

R.T.: 6.380 min
Delta R.T.: 0.004 min
Response: 587857
Conc: 3.60 ug/ml



#6 n-Tetradecane (C14)

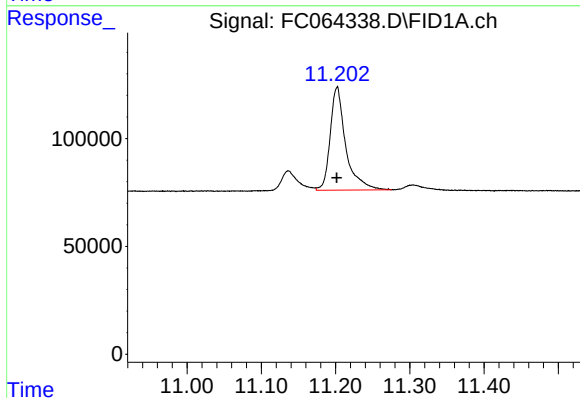
R.T.: 8.170 min
Delta R.T.: 0.004 min
Response: 598064
Conc: 3.81 ug/ml



#7 n-Hexadecane (C16)

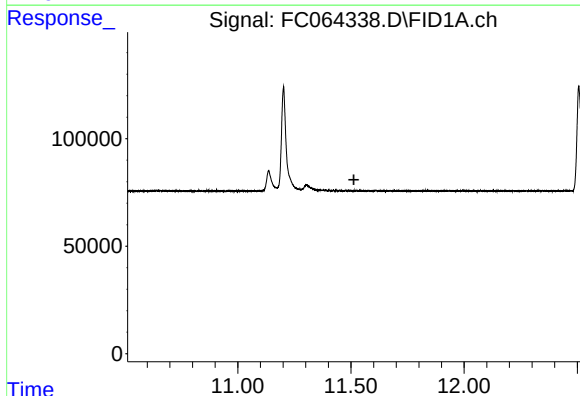
R.T.: 9.765 min
Delta R.T.: 0.004 min
Response: 588749
Conc: 3.74 ug/ml

Instrument :
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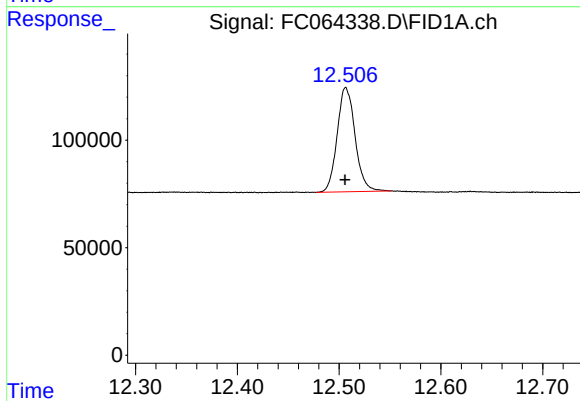
#8 n-Octadecane (C18)

R.T.: 11.202 min
Delta R.T.: 0.000 min
Response: 696893
Conc: 4.40 ug/ml



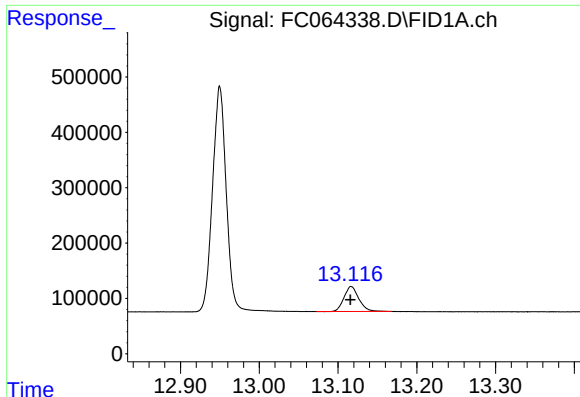
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.513 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

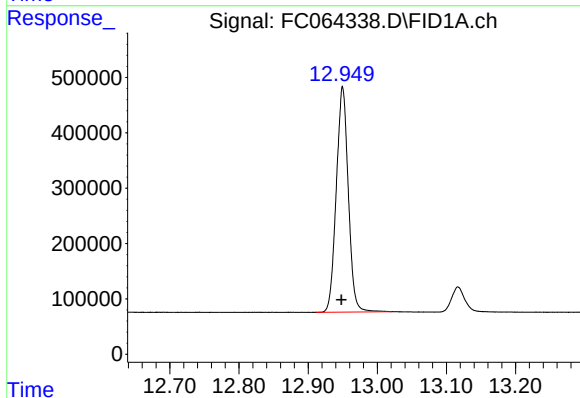
R.T.: 12.506 min
Delta R.T.: 0.000 min
Response: 594750
Conc: 3.99 ug/ml



#11 n-Heneicosane (C21)

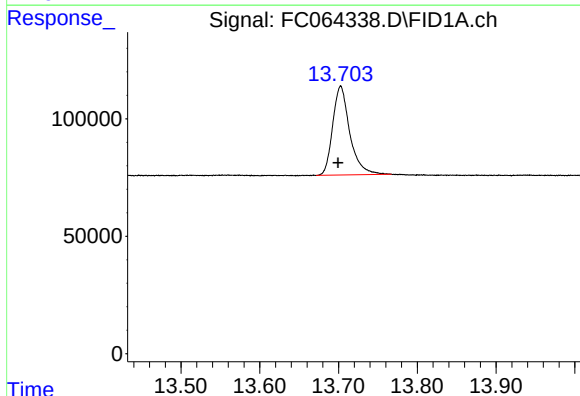
R.T.: 13.117 min
Delta R.T.: 0.000 min
Response: 592428
Conc: 4.06 ug/ml

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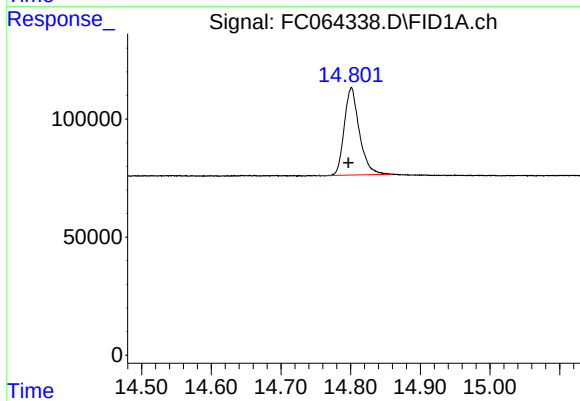
#12 1-chlorooctadecane (SURR)

R.T.: 12.950 min
Delta R.T.: 0.002 min
Response: 4911614
Conc: 38.95 ug/ml



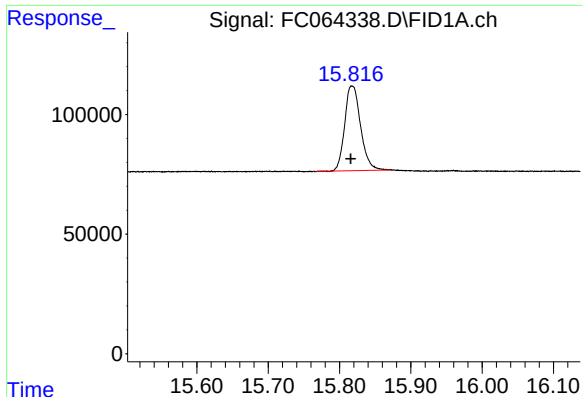
#13 n-Docosane (C22)

R.T.: 13.703 min
Delta R.T.: 0.003 min
Response: 570799
Conc: 4.00 ug/ml



#14 n-Tetracosane (C24)

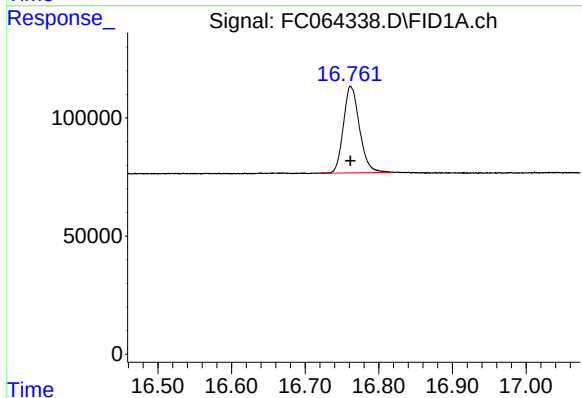
R.T.: 14.801 min
Delta R.T.: 0.004 min
Response: 555188
Conc: 3.95 ug/ml



#15 n-Hexacosane (C26)

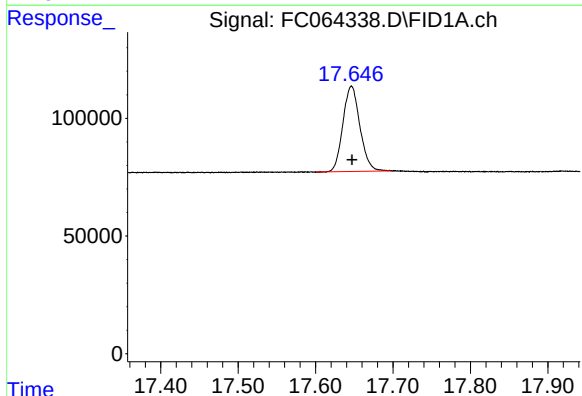
R.T.: 15.818 min
Delta R.T.: 0.002 min
Response: 547957
Conc: 3.99 ug/ml

Instrument :
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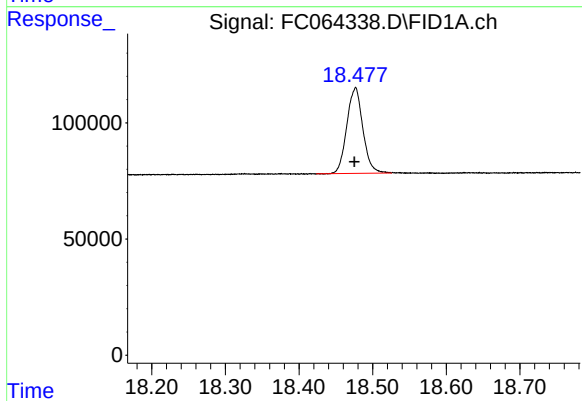
#16 n-Octacosane (C28)

R.T.: 16.762 min
Delta R.T.: 0.000 min
Response: 555419
Conc: 4.14 ug/ml



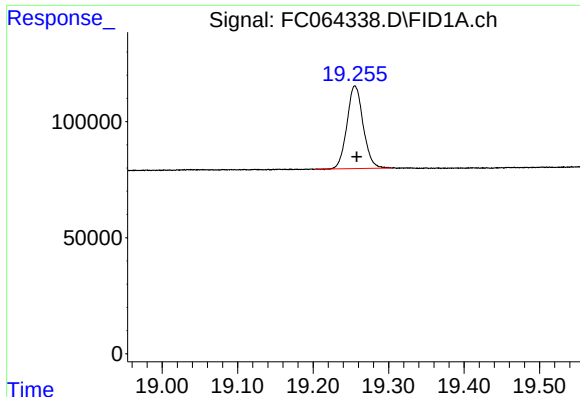
#17 n-Tricontane (C30)

R.T.: 17.646 min
Delta R.T.: 0.000 min
Response: 553721
Conc: 3.99 ug/ml



#18 n-Dotriacontane (C32)

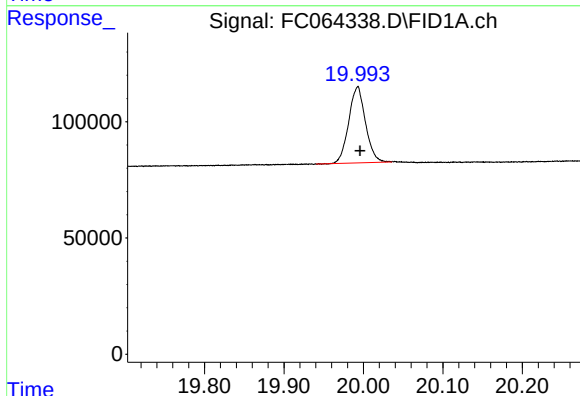
R.T.: 18.477 min
Delta R.T.: 0.002 min
Response: 557397
Conc: 3.96 ug/ml



#19 n-Tetratriacontane (C34)

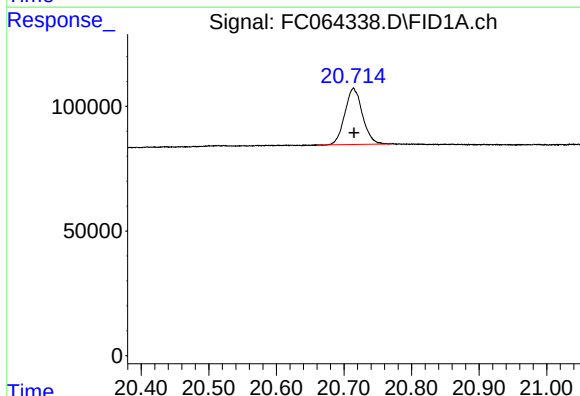
R.T.: 19.255 min
Delta R.T.: -0.002 min
Response: 531038
Conc: 3.82 ug/ml

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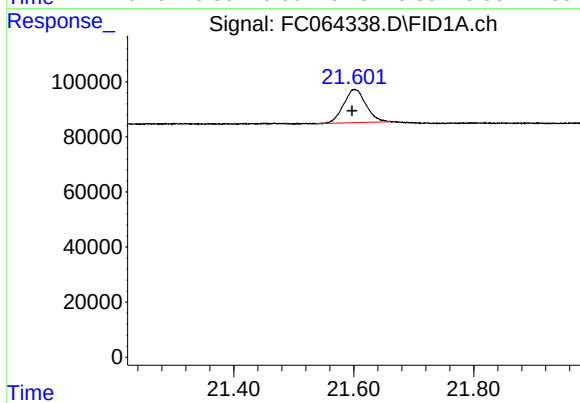
#20 n-Hexatriacontane (C36)

R.T.: 19.993 min
Delta R.T.: -0.003 min
Response: 480909
Conc: 3.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.714 min
Delta R.T.: -0.001 min
Response: 408037
Conc: 3.01 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.602 min
Delta R.T.: 0.005 min
Response: 310698
Conc: 2.31 ug/ml