

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051024AL\
 Data File : FC066384.D
 Signal(s) : FID1A.ch
 Acq On : 11 May 2024 00:42
 Operator : YP/AJ
 Sample : P2403-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MDL-WATER-03-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File: autoint1.e
 Quant Time: May 11 04:09:55 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...	13.002	4967880	40.501 ug/ml
Spiked Amount 50.000		Recovery =	81.00%
Target Compounds			
1) T n-Nonane (C9)	3.313	189200	1.253 ug/ml
2) T n-Decane (C10)	4.381	242489	1.577 ug/ml
4) T n-Dodecane (C12)	6.403	366869	2.387 ug/ml
6) T n-Tetradecane (C14)	8.200	306701	2.027 ug/ml
7) T n-Hexadecane (C16)	9.801	285868	1.870 ug/mlm
8) T n-Octadecane (C18)	11.245	301286	1.985 ug/ml
10) T n-Eicosane (C20)	12.556	307449	2.137 ug/mlm
11) T n-Heneicosane (C21)	13.167	307086	2.185 ug/ml
13) T n-Docosane (C22)	13.754	316884	2.263 ug/ml
14) T n-Tetracosane (C24)	14.857	366340	2.602 ug/ml
15) T n-Hexacosane (C26)	15.878	306044	2.237 ug/ml
16) T n-Octacosane (C28)	16.828	292692	2.186 ug/mlm
17) T n-Tricontane (C30)	17.716	293383	2.177 ug/ml
18) T n-Dotriacontane (C32)	18.550	333606	2.591 ug/mlm
19) T n-Tetratriacontane (C34)	19.333	277588	2.346 ug/ml
20) T n-Hexatriacontane (C36)	20.075	344326	2.996 ug/ml
21) T n-Octatriacontane (C38)	20.809	251243	2.334 ug/ml
22) T n-Tetracontane (C40)	21.720	257941	2.405 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : P2403-09
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ALS Vial : 9 Sample Multiplier: 1

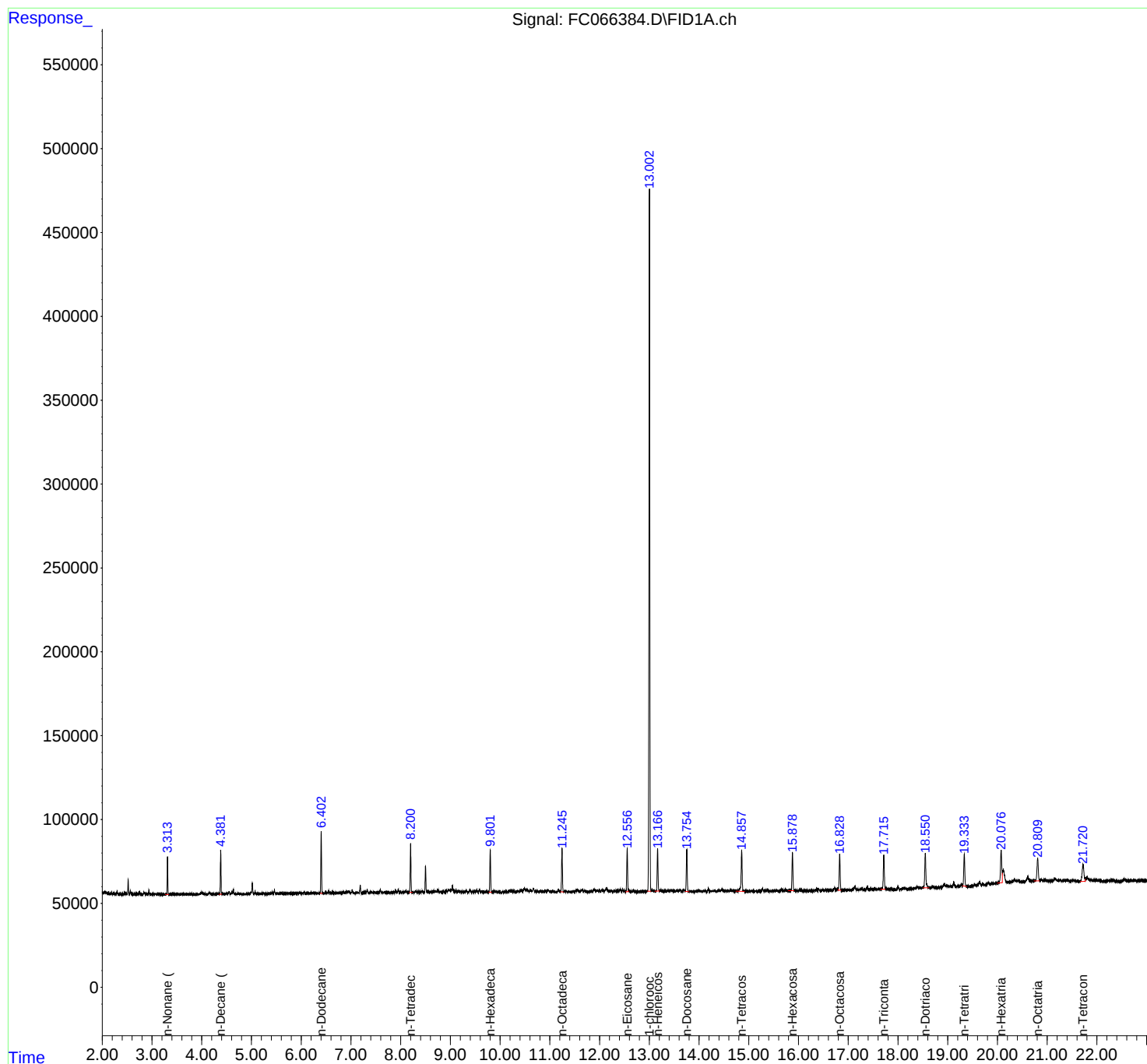
Instrument :
FID_C
ClientSampleId :
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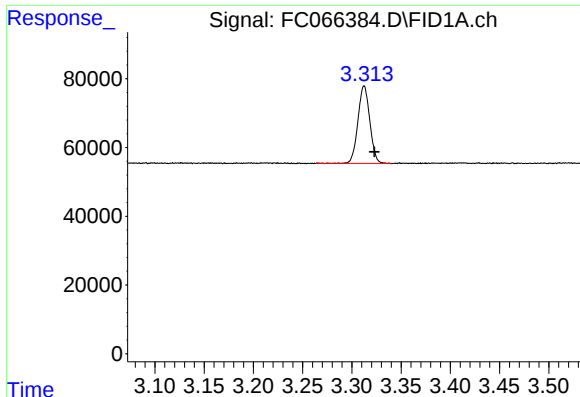
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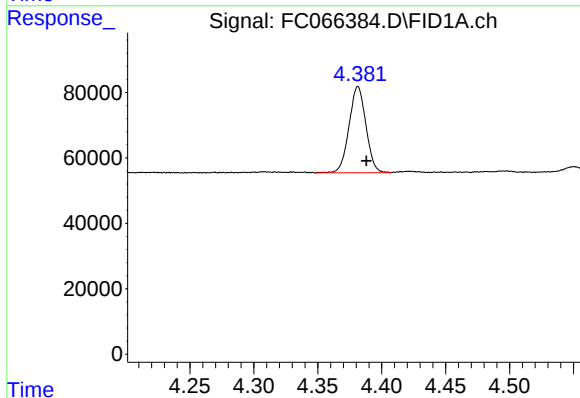
#1 n-Nonane (C9)

R.T.: 3.313 min
Delta R.T.: -0.010 min
Response: 189200
Conc: 1.25 ug/ml

Instrument : FID_C
ClientSampleId : MDL-WATER-03-QT2-2024

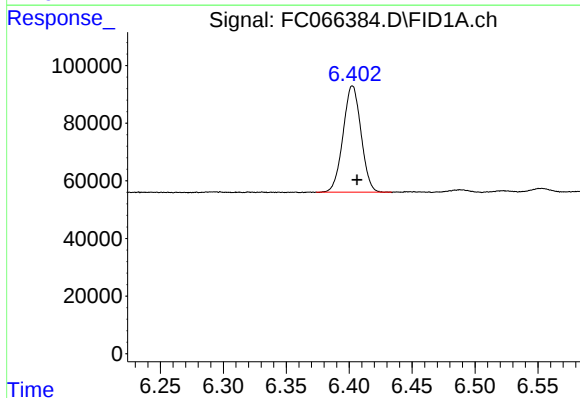
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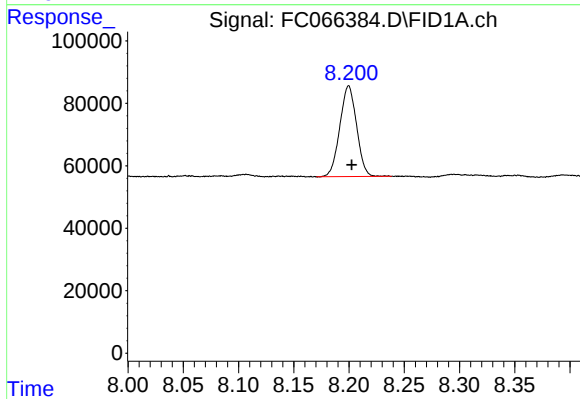
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: -0.006 min
Response: 242489
Conc: 1.58 ug/ml



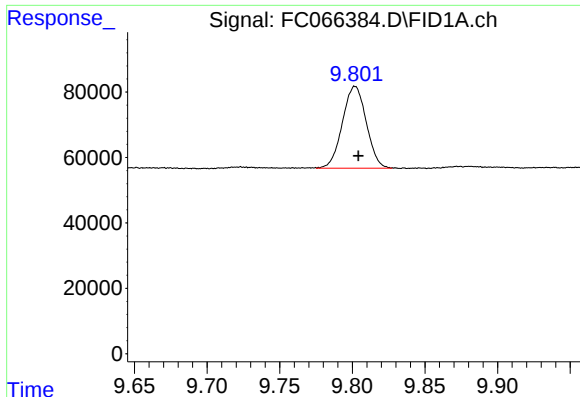
#4 n-Dodecane (C12)

R.T.: 6.403 min
Delta R.T.: -0.004 min
Response: 366869
Conc: 2.39 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.200 min
Delta R.T.: -0.003 min
Response: 306701
Conc: 2.03 ug/ml



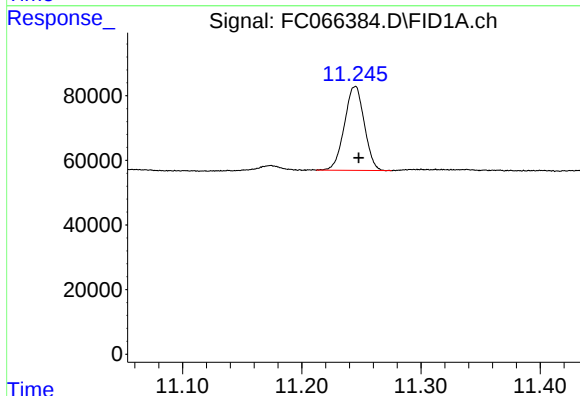
#7 n-Hexadecane (C16)

R.T.: 9.801 min
Delta R.T.: -0.003 min
Response: 285868
Conc: 1.87 ug/ml

Instrument :
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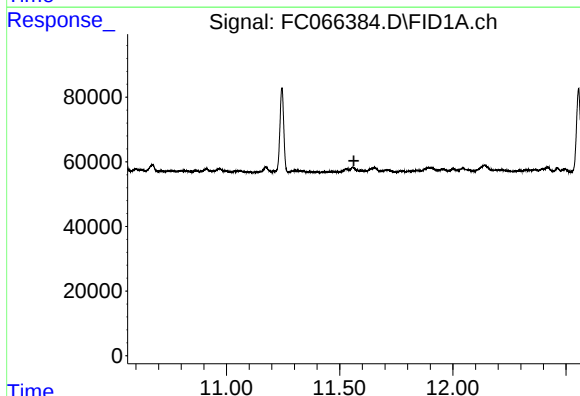
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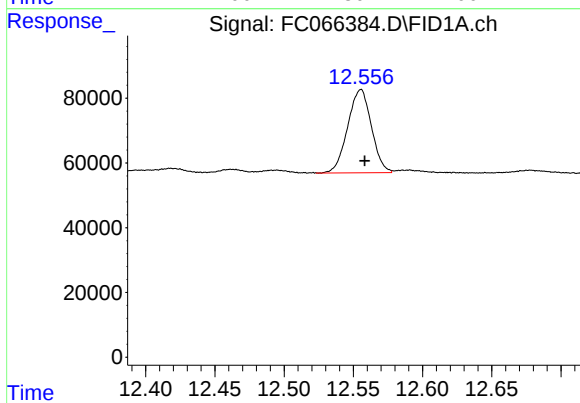
#8 n-Octadecane (C18)

R.T.: 11.245 min
Delta R.T.: -0.003 min
Response: 301286
Conc: 1.98 ug/ml



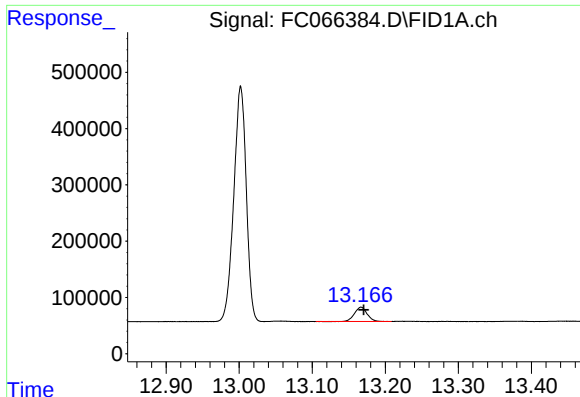
#9 ortho-Terphenyl (SURR)

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: 307449
Conc: 2.14 ug/ml m



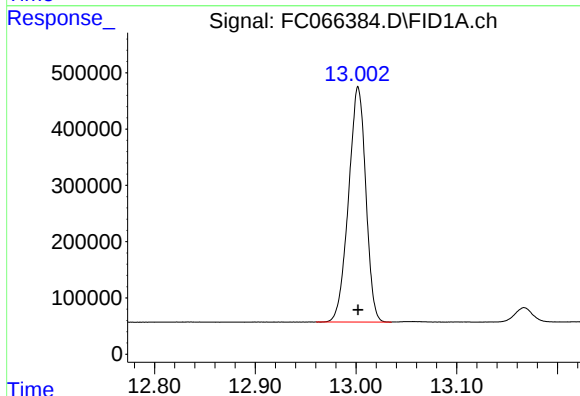
#11 n-Heneicosane (C21)

R.T.: 13.167 min
Delta R.T.: -0.004 min
Response: 307086
Conc: 2.18 ug/ml

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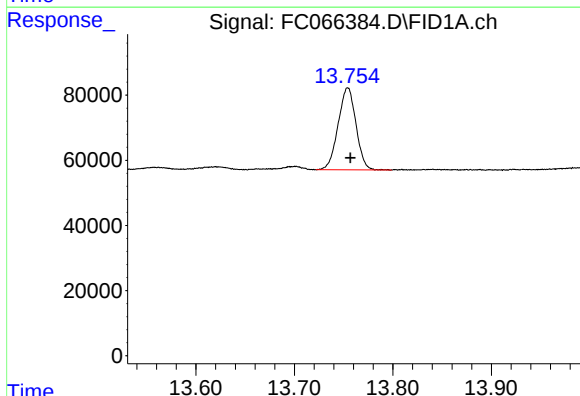
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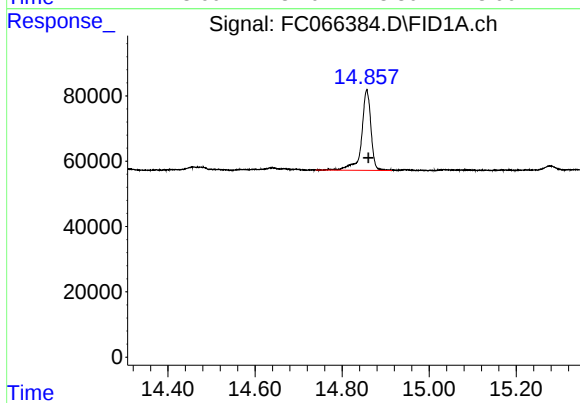
#12 1-chlorooctadecane (SURR)

R.T.: 13.002 min
Delta R.T.: 0.000 min
Response: 4967880
Conc: 40.50 ug/ml



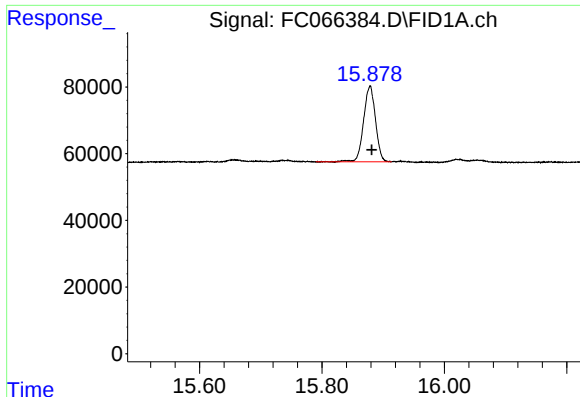
#13 n-Docosane (C22)

R.T.: 13.754 min
Delta R.T.: -0.003 min
Response: 316884
Conc: 2.26 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.857 min
Delta R.T.: -0.004 min
Response: 366340
Conc: 2.60 ug/ml



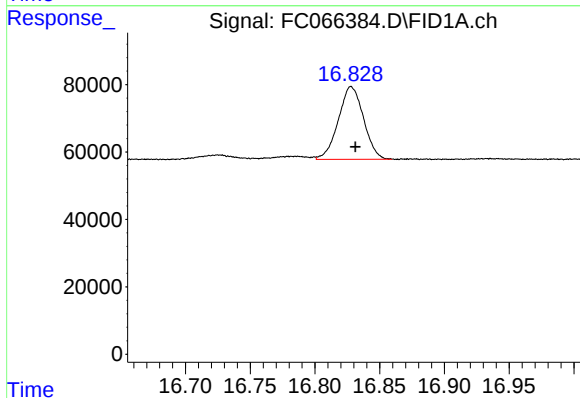
#15 n-Hexacosane (C26)

R.T.: 15.878 min
Delta R.T.: -0.003 min
Response: 306044
Conc: 2.24 ug/ml

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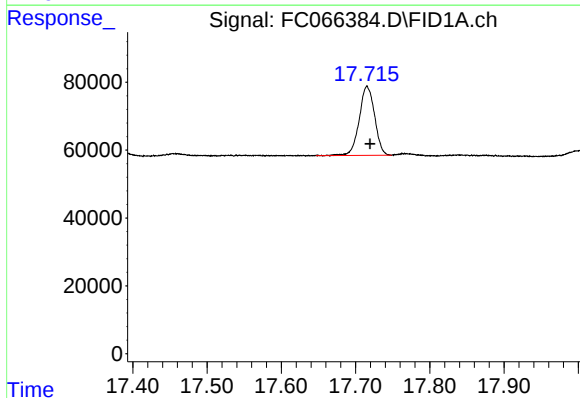
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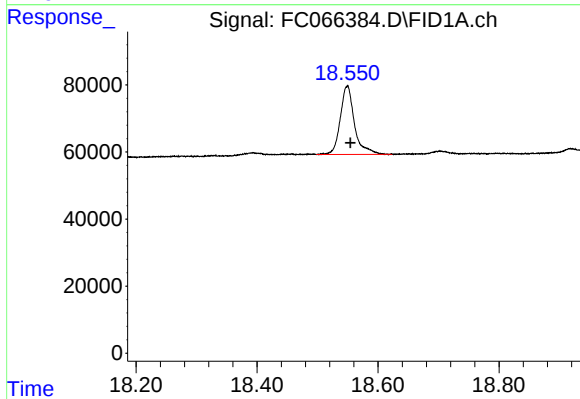
#16 n-Octacosane (C28)

R.T.: 16.828 min
Delta R.T.: -0.004 min
Response: 292692
Conc: 2.19 ug/ml m



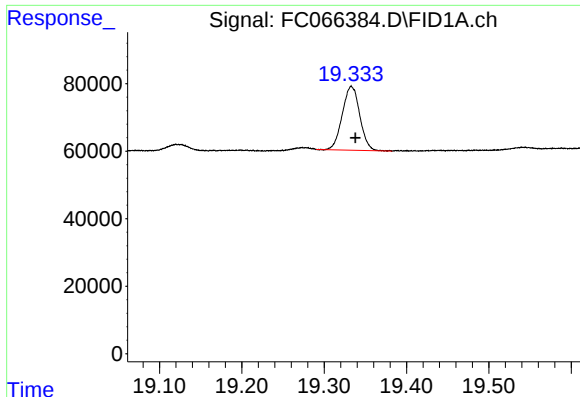
#17 n-Tricontane (C30)

R.T.: 17.716 min
Delta R.T.: -0.004 min
Response: 293383
Conc: 2.18 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.550 min
Delta R.T.: -0.004 min
Response: 333606
Conc: 2.59 ug/ml m



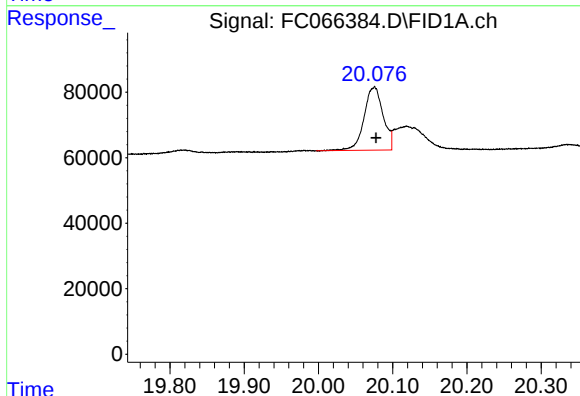
#19 n-Tetratriacontane (C34)

R.T.: 19.333 min
Delta R.T.: -0.005 min
Response: 277588
Conc: 2.35 ug/ml

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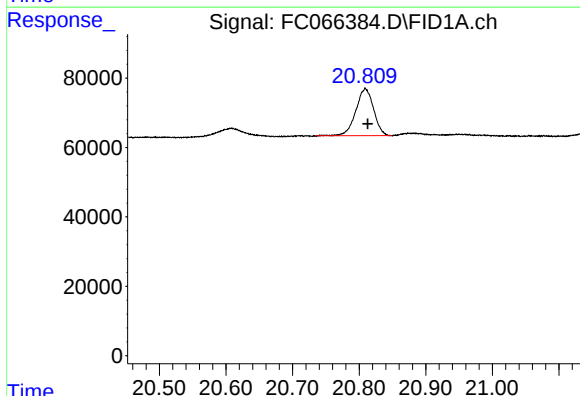
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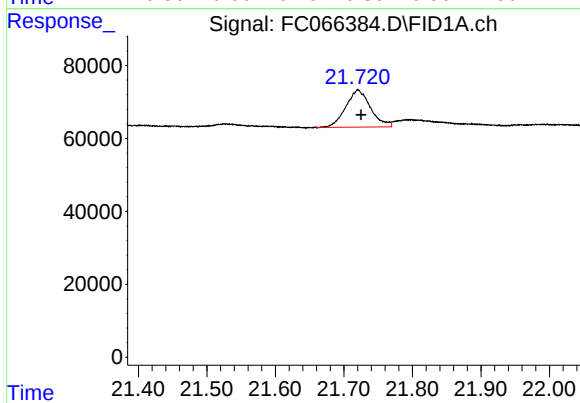
#20 n-Hexatriacontane (C36)

R.T.: 20.075 min
Delta R.T.: -0.003 min
Response: 344326
Conc: 3.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.809 min
Delta R.T.: -0.004 min
Response: 251243
Conc: 2.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.720 min
Delta R.T.: -0.005 min
Response: 257941
Conc: 2.41 ug/ml m