

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102022AL\
 Data File : FC061857.D
 Signal(s) : FID1A.ch
 Acq On : 20 Oct 2022 10:44
 Operator : YP/AJ
 Sample : N4955-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MDL-WATER-03-QT4-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/21/2022
 Supervised By :Ankita Jodhani 10/21/2022

Integration File: sample.E
 Quant Time: Oct 20 14:50:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 2022
 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...	13.019	3544506	30.425 ug/ml
Spiked Amount 50.000		Recovery =	60.85%
Target Compounds			
1) T n-Nonane (C9)	3.341	181917	1.293 ug/ml
2) T n-Decane (C10)	4.408	231732	1.623 ug/ml
4) T n-Dodecane (C12)	6.424	334615	2.305 ug/ml
6) T n-Tetradecane (C14)	8.220	331920	2.283 ug/ml
7) T n-Hexadecane (C16)	9.821	298106	2.047 ug/ml
8) T n-Octadecane (C18)	11.263	303207	2.098 ug/ml
10) T n-Eicosane (C20)	12.573	303393	2.150 ug/ml
11) T n-Heneicosane (C21)	13.185	307679	2.217 ug/ml
13) T n-Docosane (C22)	13.770	336351	2.453 ug/ml
14) T n-Tetracosane (C24)	14.874	398779	3.018 ug/mlm
15) T n-Hexacosane (C26)	15.893	382454	3.035 ug/ml
16) T n-Octacosane (C28)	16.843	409328	3.394 ug/ml
17) T n-Tricontane (C30)	17.732	459247	3.860 ug/ml
18) T n-Dotriacontane (C32)	18.564	435533	3.697 ug/ml
19) T n-Tetratriacontane (C34)	19.347	371756	3.291 ug/ml
20) T n-Hexatriacontane (C36)	20.085	318352	2.807 ug/ml
21) T n-Octatriacontane (C38)	20.822	278867	2.478 ug/ml
22) T n-Tetracontane (C40)	21.735	258203	2.300 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 7 Sample Multiplier: 1

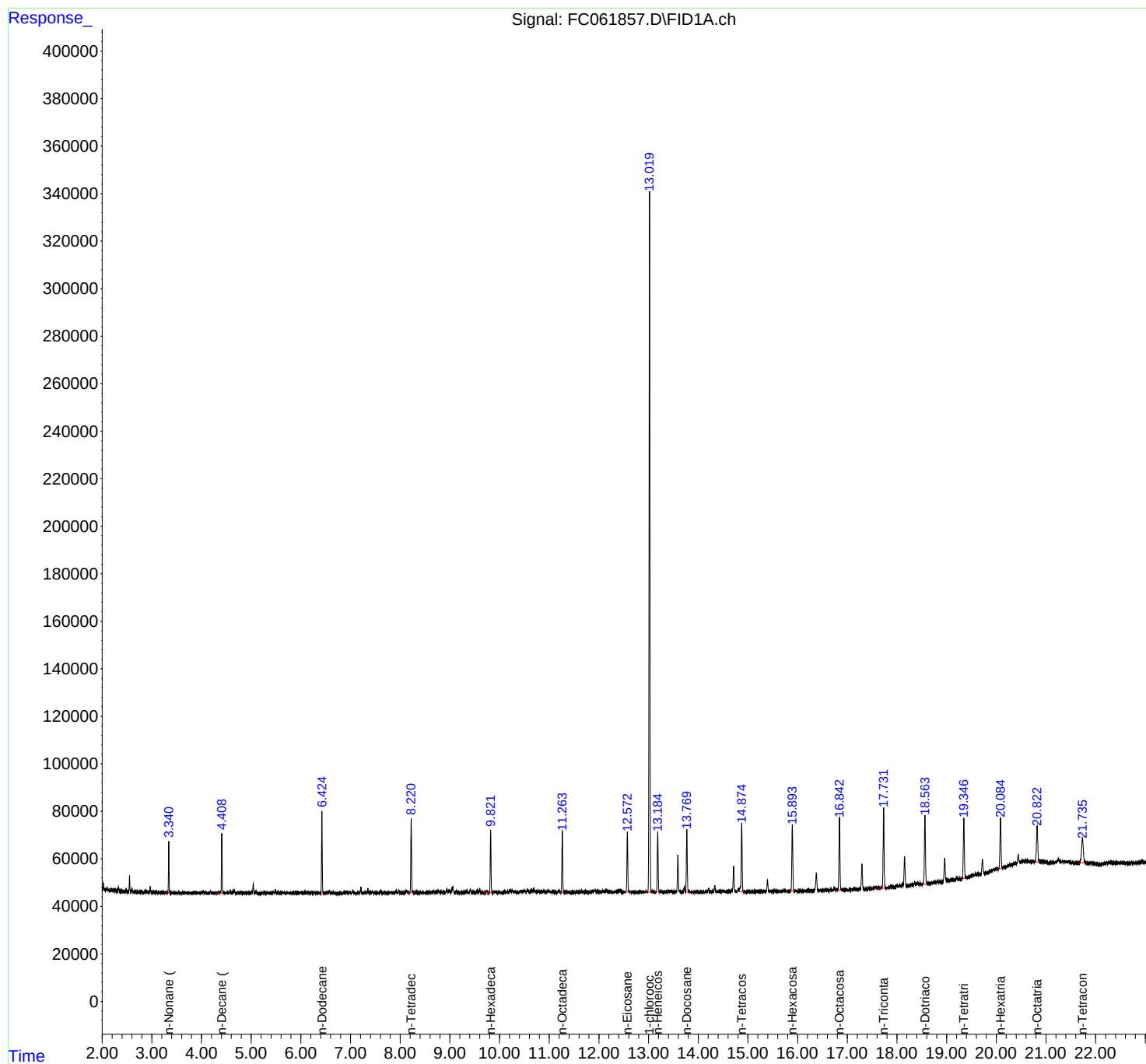
Instrument :
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ClientSampleId :
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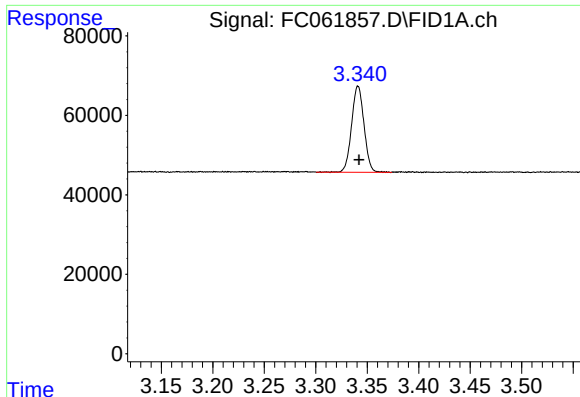
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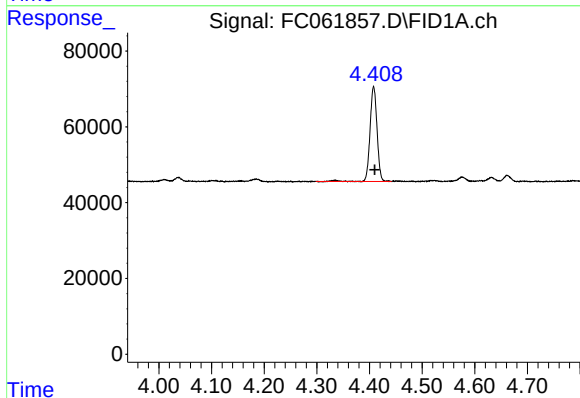
#1 n-Nonane (C9)

R.T.: 3.341 min
Delta R.T.: 0.000 min
Response: 181917
Conc: 1.29 ug/ml

Instrument : FID_C
ClientSampleId : MDL-WATER-03-QT4-2022

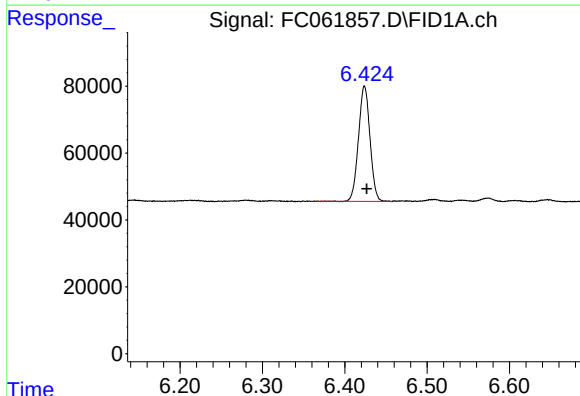
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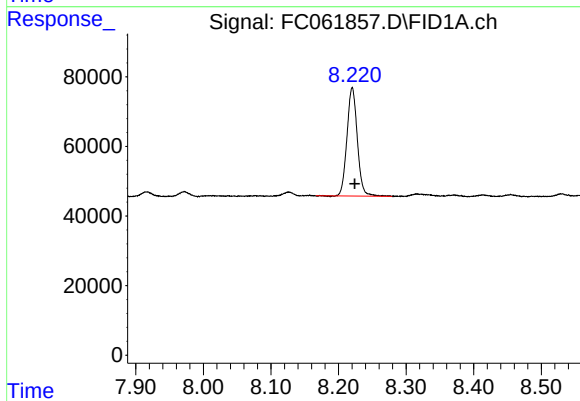
#2 n-Decane (C10)

R.T.: 4.408 min
Delta R.T.: -0.002 min
Response: 231732
Conc: 1.62 ug/ml



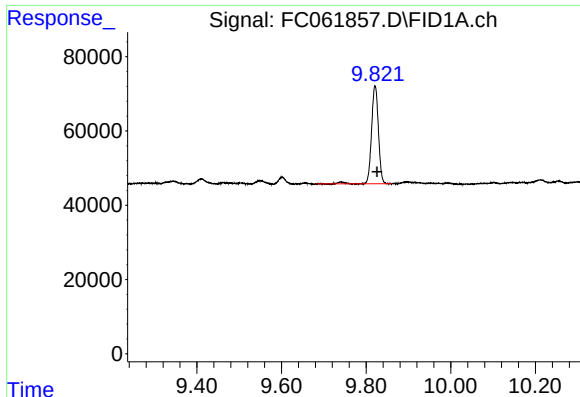
#4 n-Dodecane (C12)

R.T.: 6.424 min
Delta R.T.: -0.003 min
Response: 334615
Conc: 2.30 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.220 min
Delta R.T.: -0.004 min
Response: 331920
Conc: 2.28 ug/ml



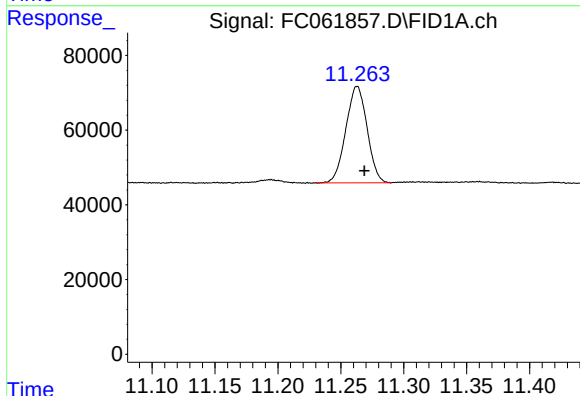
#7 n-Hexadecane (C16)

R.T.: 9.821 min
Delta R.T.: -0.005 min
Response: 298106
Conc: 2.05 ug/ml

Instrument :
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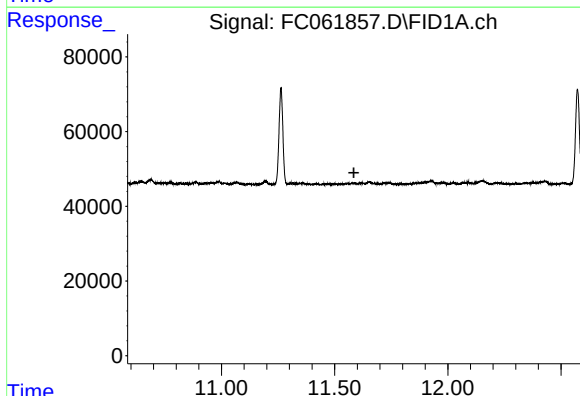
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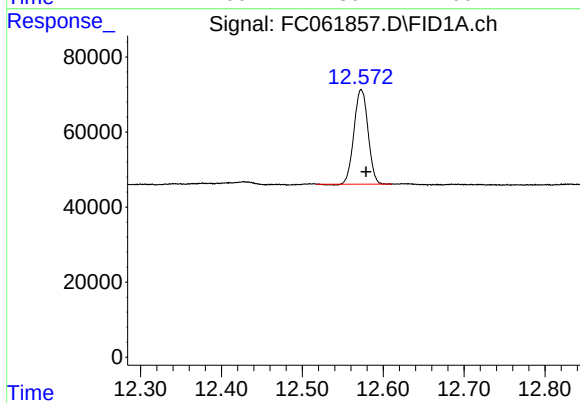
#8 n-Octadecane (C18)

R.T.: 11.263 min
Delta R.T.: -0.006 min
Response: 303207
Conc: 2.10 ug/ml



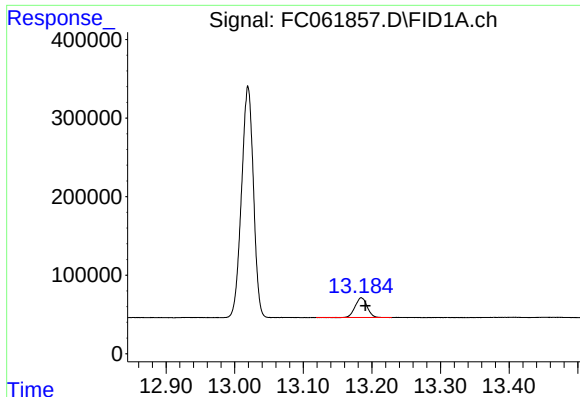
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.585 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.573 min
Delta R.T.: -0.006 min
Response: 303393
Conc: 2.15 ug/ml



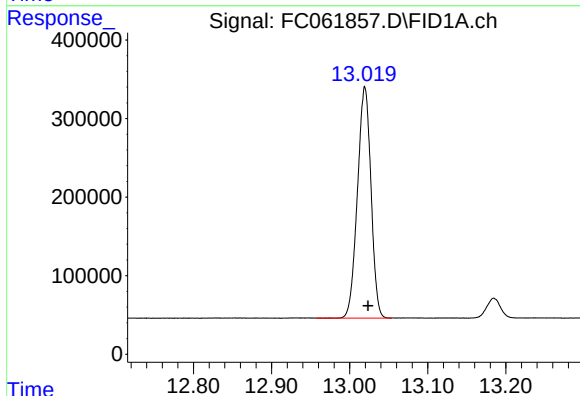
#11 n-Heneicosane (C21)

R.T.: 13.185 min
Delta R.T.: -0.006 min
Response: 307679
Conc: 2.22 ug/ml

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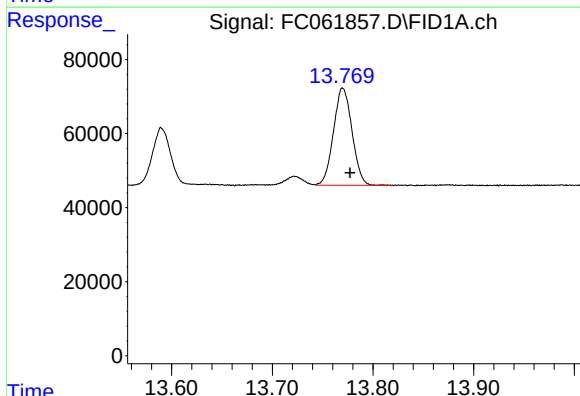
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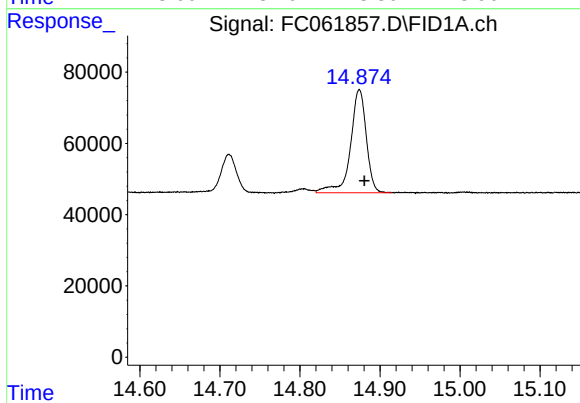
#12 1-chlorooctadecane (SURR)

R.T.: 13.019 min
Delta R.T.: -0.004 min
Response: 3544506
Conc: 30.42 ug/ml



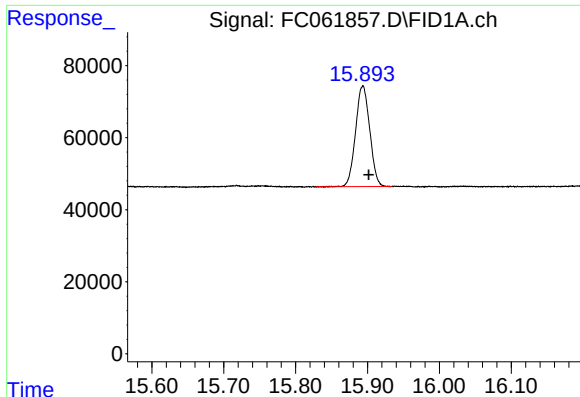
#13 n-Docosane (C22)

R.T.: 13.770 min
Delta R.T.: -0.007 min
Response: 336351
Conc: 2.45 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.874 min
Delta R.T.: -0.007 min
Response: 398779
Conc: 3.02 ug/ml m



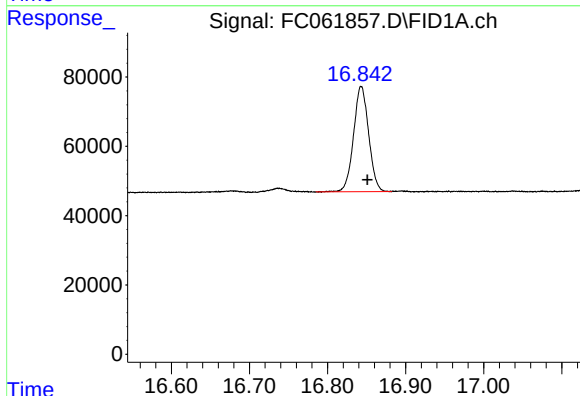
#15 n-Hexacosane (C26)

R.T.: 15.893 min
Delta R.T.: -0.008 min
Response: 382454
Conc: 3.04 ug/ml

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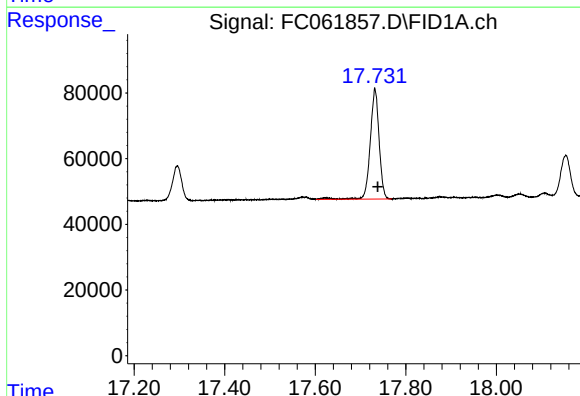
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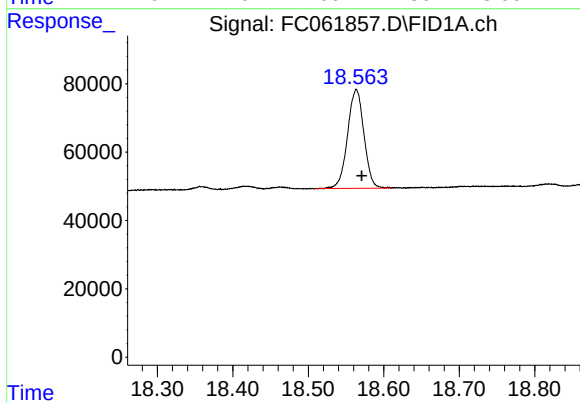
#16 n-Octacosane (C28)

R.T.: 16.843 min
Delta R.T.: -0.008 min
Response: 409328
Conc: 3.39 ug/ml



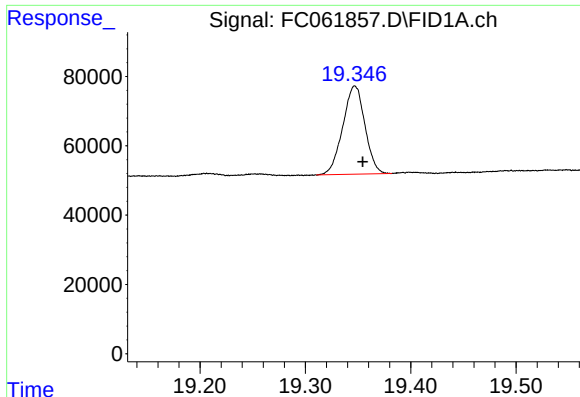
#17 n-Tricontane (C30)

R.T.: 17.732 min
Delta R.T.: -0.006 min
Response: 459247
Conc: 3.86 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.564 min
Delta R.T.: -0.007 min
Response: 435533
Conc: 3.70 ug/ml



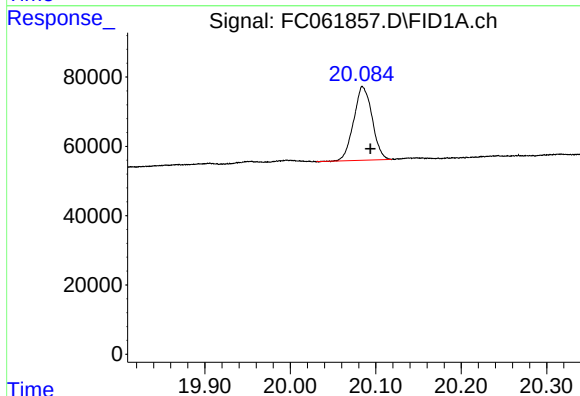
#19 n-Tetratriacontane (C34)

R.T.: 19.347 min
Delta R.T.: -0.008 min
Response: 371756
Conc: 3.29 ug/ml

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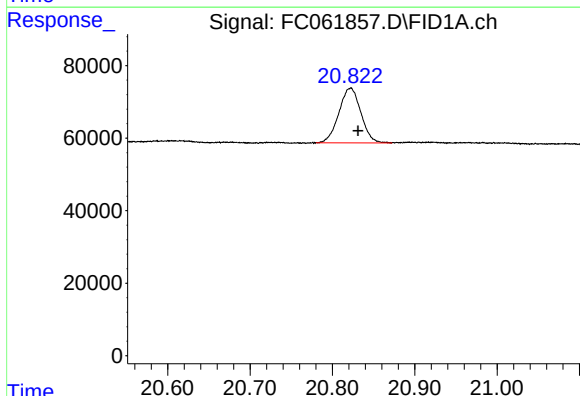
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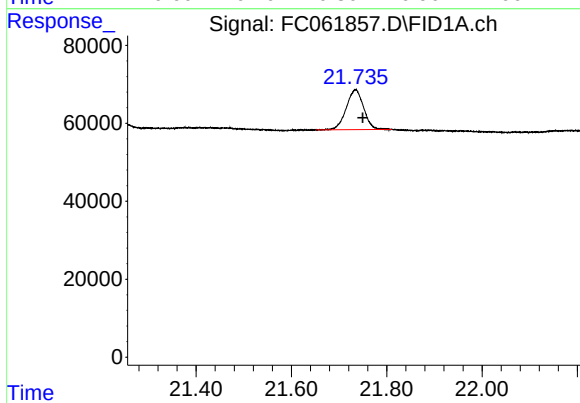
#20 n-Hexatriacontane (C36)

R.T.: 20.085 min
Delta R.T.: -0.009 min
Response: 318352
Conc: 2.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.822 min
Delta R.T.: -0.010 min
Response: 278867
Conc: 2.48 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.735 min
Delta R.T.: -0.015 min
Response: 258203
Conc: 2.30 ug/ml