

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101922AL\
 Data File : FC061848.D
 Signal(s) : FID1A.ch
 Acq On : 19 Oct 2022 10:25
 Operator : YP/AJ
 Sample : N4955-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/19/2022
 Supervised By :Ankita Jodhani 10/20/2022

Integration File: autoint1.e
 Quant Time: Oct 19 16:08:43 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...	13.021	3612108	31.005 ug/ml
Spiked Amount 50.000		Recovery =	62.01%
Target Compounds			
1) T n-Nonane (C9)	3.344	203239	1.445 ug/ml
2) T n-Decane (C10)	4.409	263927	1.849 ug/ml
4) T n-Dodecane (C12)	6.425	344735	2.375 ug/ml
6) T n-Tetradecane (C14)	8.221	323820	2.228 ug/ml
7) T n-Hexadecane (C16)	9.822	310997	2.136 ug/ml
8) T n-Octadecane (C18)	11.265	330889	2.289 ug/ml
10) T n-Eicosane (C20)	12.575	341323	2.418 ug/ml
11) T n-Heneicosane (C21)	13.186	333206	2.401 ug/ml
13) T n-Docosane (C22)	13.773	364654	2.660 ug/ml
14) T n-Tetracosane (C24)	14.876	419102	3.172 ug/mlm
15) T n-Hexacosane (C26)	15.896	429143	3.406 ug/ml
16) T n-Octacosane (C28)	16.846	436323	3.618 ug/ml
17) T n-Tricontane (C30)	17.734	470206	3.952 ug/ml
18) T n-Dotriacontane (C32)	18.565	461278	3.915 ug/ml
19) T n-Tetratriacontane (C34)	19.349	395903	3.504 ug/ml
20) T n-Hexatriacontane (C36)	20.088	341308	3.010 ug/ml
21) T n-Octatriacontane (C38)	20.825	308963	2.746 ug/ml
22) T n-Tetracontane (C40)	21.738	280682	2.500 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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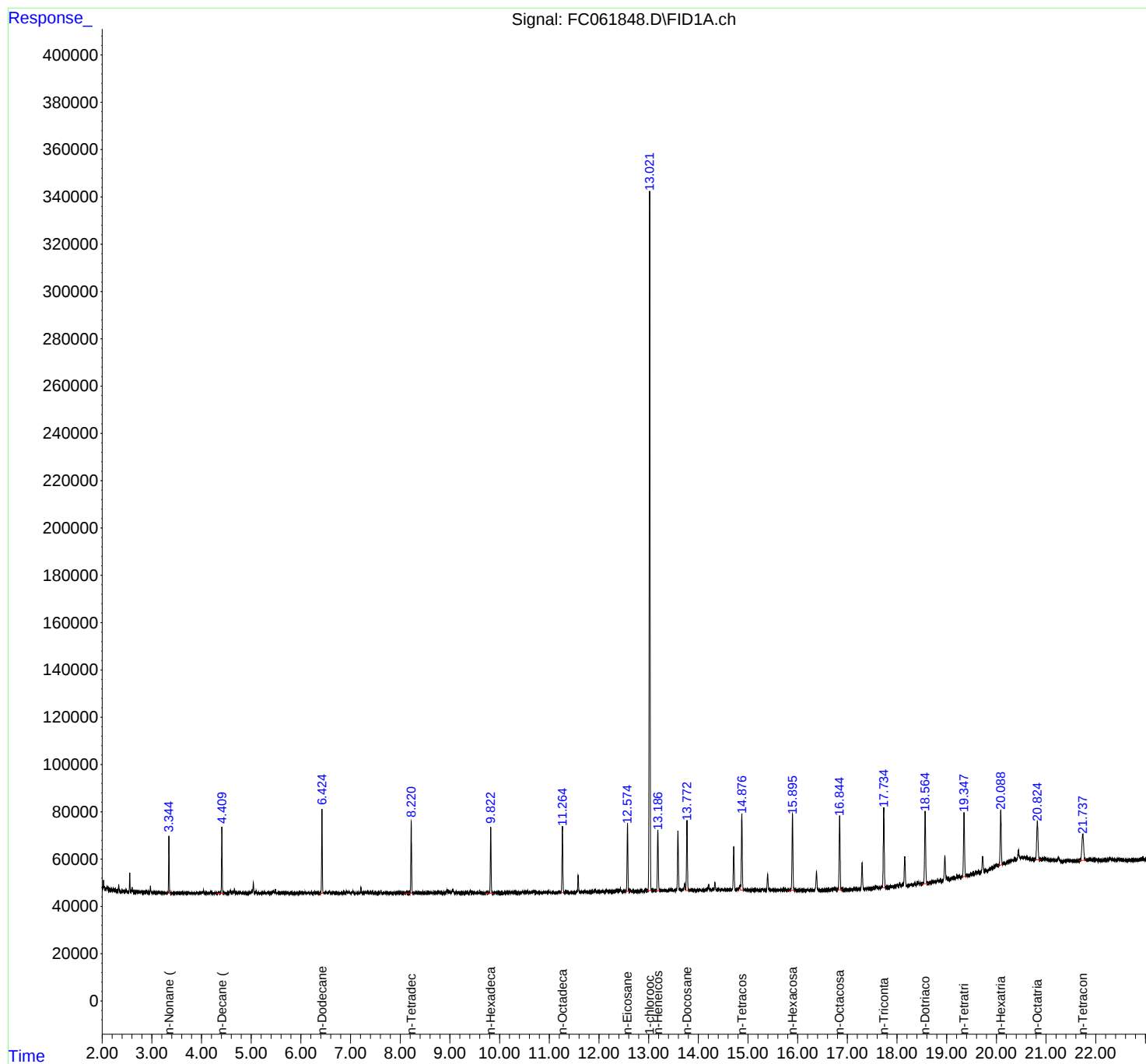
Instrument :
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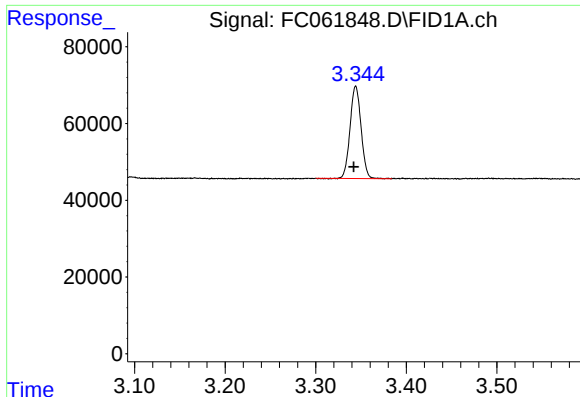
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#1 n-Nonane (C9)

R.T.: 3.344 min
Delta R.T.: 0.002 min
Response: 203239
Conc: 1.44 ug/ml

Instrument :

FID_C

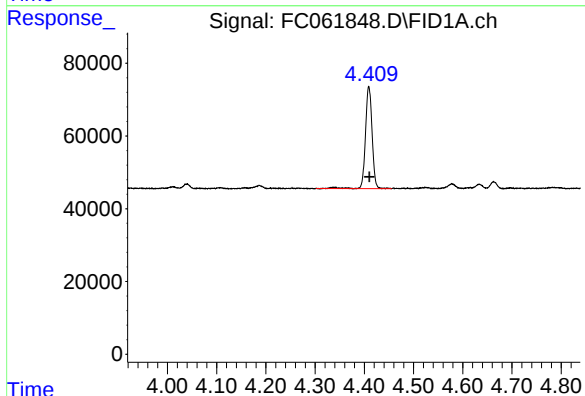
ClientSampleId :

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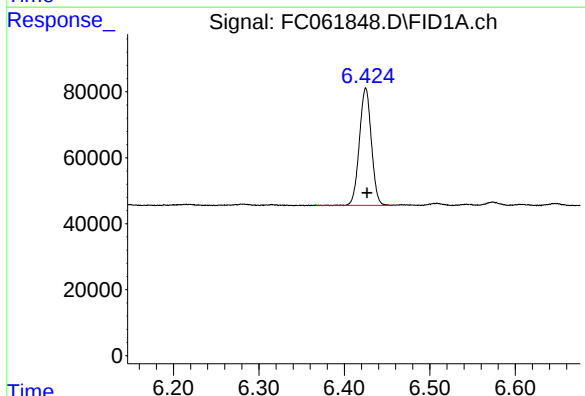
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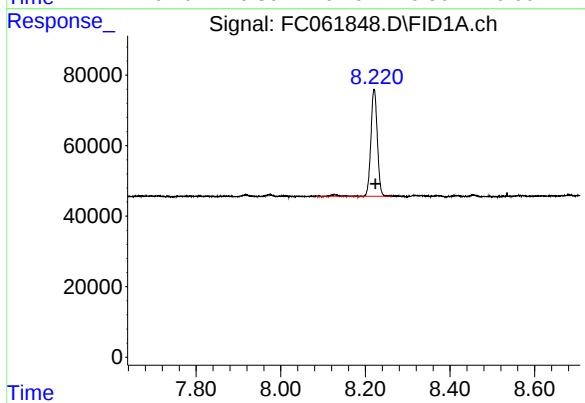
#2 n-Decane (C10)

R.T.: 4.409 min
Delta R.T.: 0.000 min
Response: 263927
Conc: 1.85 ug/ml



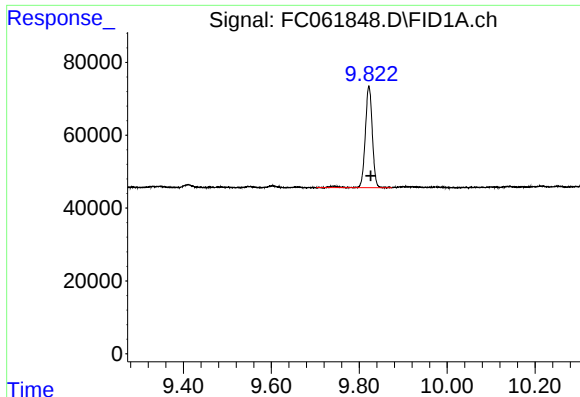
#4 n-Dodecane (C12)

R.T.: 6.425 min
Delta R.T.: -0.002 min
Response: 344735
Conc: 2.37 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.221 min
Delta R.T.: -0.003 min
Response: 323820
Conc: 2.23 ug/ml



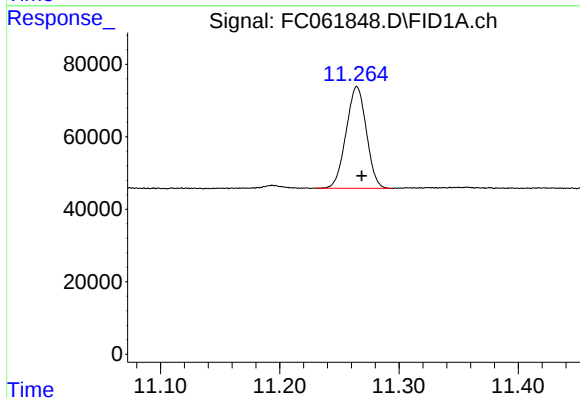
#7 n-Hexadecane (C16)

R.T.: 9.822 min
Delta R.T.: -0.004 min
Response: 310997
Conc: 2.14 ug/ml

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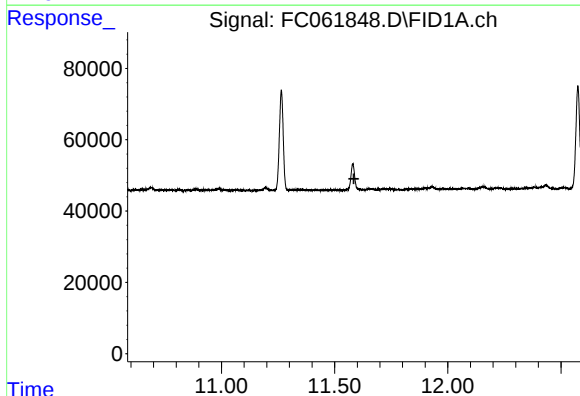
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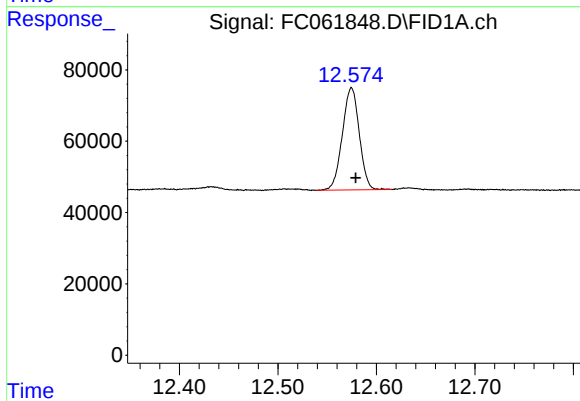
#8 n-Octadecane (C18)

R.T.: 11.265 min
Delta R.T.: -0.004 min
Response: 330889
Conc: 2.29 ug/ml



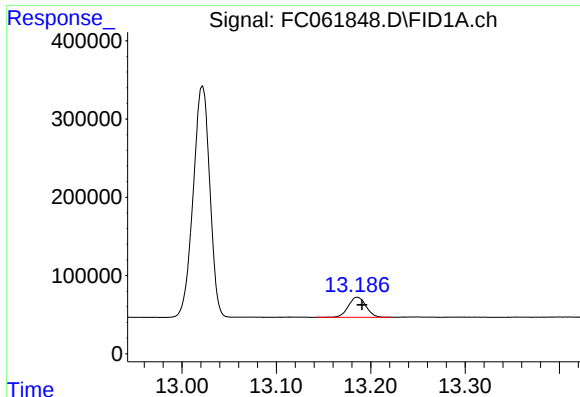
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.575 min
Delta R.T.: -0.004 min
Response: 341323
Conc: 2.42 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.186 min
Delta R.T.: -0.005 min
Response: 333206
Conc: 2.40 ug/ml

Instrument :

FID_C

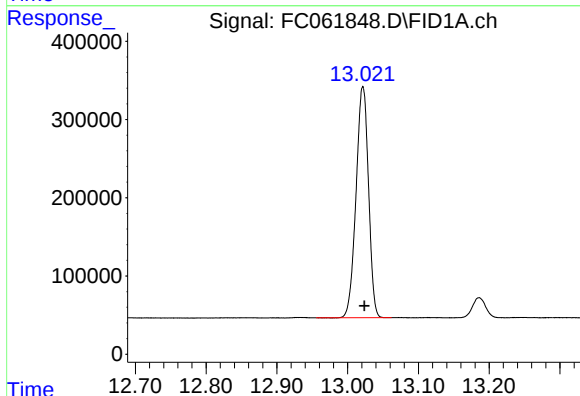
ClientSampleId :

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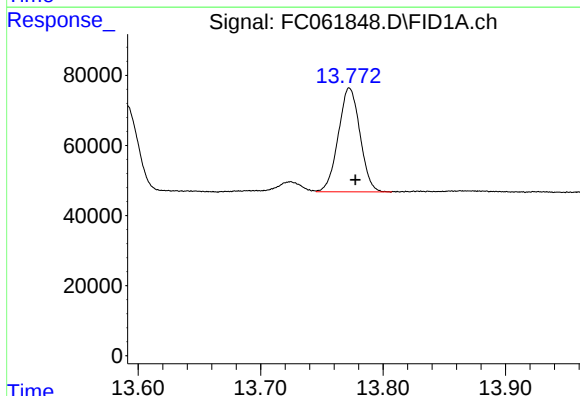
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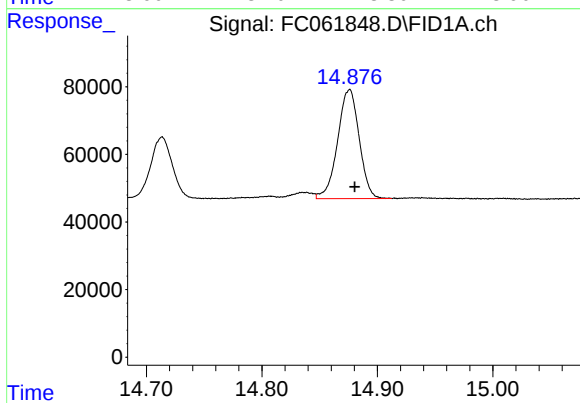
#12 1-chlorooctadecane (SURR)

R.T.: 13.021 min
Delta R.T.: -0.002 min
Response: 3612108
Conc: 31.00 ug/ml



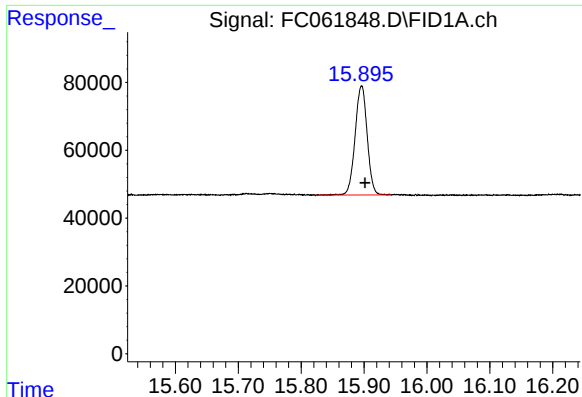
#13 n-Docosane (C22)

R.T.: 13.773 min
Delta R.T.: -0.005 min
Response: 364654
Conc: 2.66 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.876 min
Delta R.T.: -0.004 min
Response: 419102
Conc: 3.17 ug/ml m



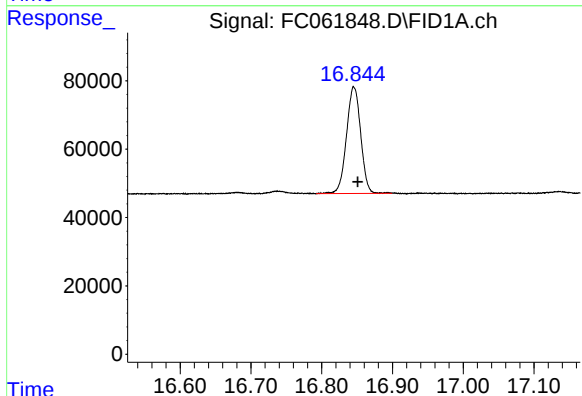
#15 n-Hexacosane (C26)

R.T.: 15.896 min
Delta R.T.: -0.006 min
Response: 429143
Conc: 3.41 ug/ml

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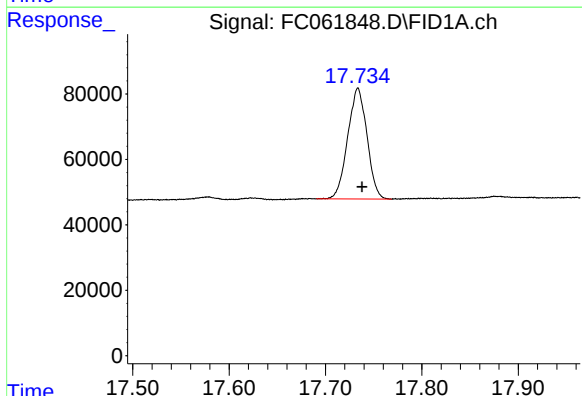
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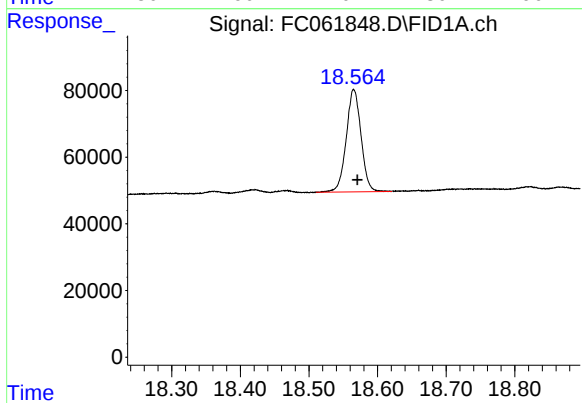
#16 n-Octacosane (C28)

R.T.: 16.846 min
Delta R.T.: -0.005 min
Response: 436323
Conc: 3.62 ug/ml



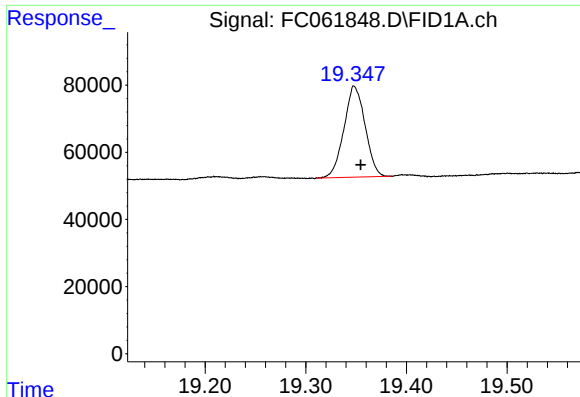
#17 n-Tricontane (C30)

R.T.: 17.734 min
Delta R.T.: -0.004 min
Response: 470206
Conc: 3.95 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.565 min
Delta R.T.: -0.006 min
Response: 461278
Conc: 3.92 ug/ml



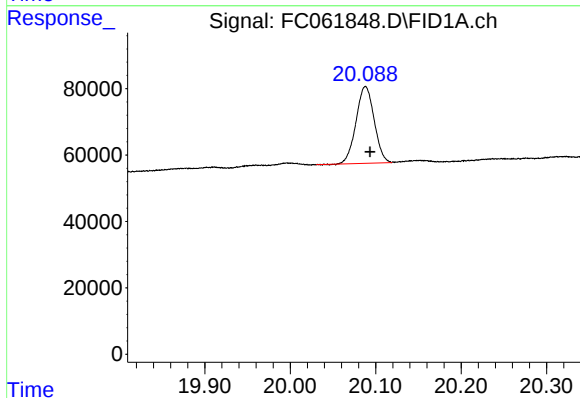
#19 n-Tetratriacontane (C34)

R.T.: 19.349 min
Delta R.T.: -0.006 min
Response: 395903
Conc: 3.50 ug/ml

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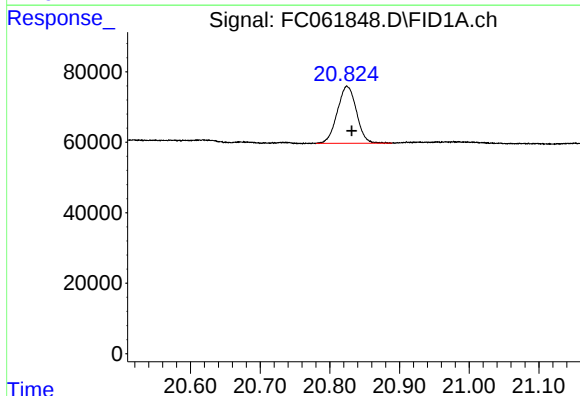
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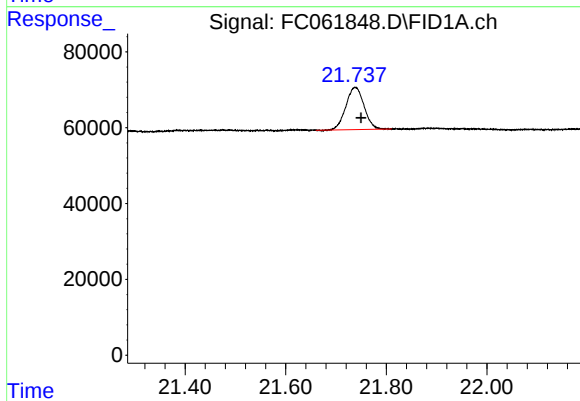
#20 n-Hexatriacontane (C36)

R.T.: 20.088 min
Delta R.T.: -0.006 min
Response: 341308
Conc: 3.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.825 min
Delta R.T.: -0.007 min
Response: 308963
Conc: 2.75 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.738 min
Delta R.T.: -0.012 min
Response: 280682
Conc: 2.50 ug/ml