

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061822AL\
 Data File : FC060346.D
 Signal(s) : FID1A.CH
 Acq On : 19 Jun 2022 9:06
 Operator : UA/NP
 Sample : N3213-08MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

SW-W-FIMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2022

Supervised By :Ankita Jodhani 06/20/2022

Integration File: autoint1.e

Quant Time: Jun 20 01:04:03 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M

Quant Title : GC Extractables

QLast Update : Sat May 28 08:22:04 2022

Response via : Initial Calibration

Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	11.997	3225057	26.011 ug/mlm
Spiked Amount 50.000		Recovery =	52.02%
Target Compounds			
1) T n-Nonane (C9)	2.617	2359375	18.434 ug/ml
2) T n-Decane (C10)	3.625	4052310	31.676 ug/mlm
4) T n-Dodecane (C12)	5.619	18171410	136.314 ug/ml
6) T n-Tetradecane (C14)	7.314	14228021	104.224 ug/mlm
7) T n-Hexadecane (C16)	8.885	5531397	39.423 ug/mlm
8) T n-Octadecane (C18)	10.307	3723586	26.019 ug/mlm
10) T n-Eicosane (C20)	11.601	9441425	66.177 ug/mlm
11) T n-Heneicosane (C21)	12.163	13203364	92.113 ug/mlm
13) T n-Docosane (C22)	12.759	6898098	48.408 ug/mlm
14) T n-Tetracosane (C24)	13.826	3099798	22.089 ug/mlm
15) T n-Hexacosane (C26)	14.839	137795	1.018 ug/mlm
16) T n-Octacosane (C28)	15.766	114558	0.880 ug/mlm
17) T n-Tricontane (C30)	16.622	2419862	19.766 ug/mlm
18) T n-Dotriacontane (C32)	17.413	2013928	18.063 ug/mlm
19) T n-Tetratriacontane (C34)	18.208	126364	1.239 ug/mlm
20) T n-Hexatriacontane (C36)	18.917	284338	3.003 ug/mlm
21) T n-Octatriacontane (C38)	19.577	5363856	58.137 ug/mlm
22) T n-Tetracontane (C40)	20.263	484887	5.154 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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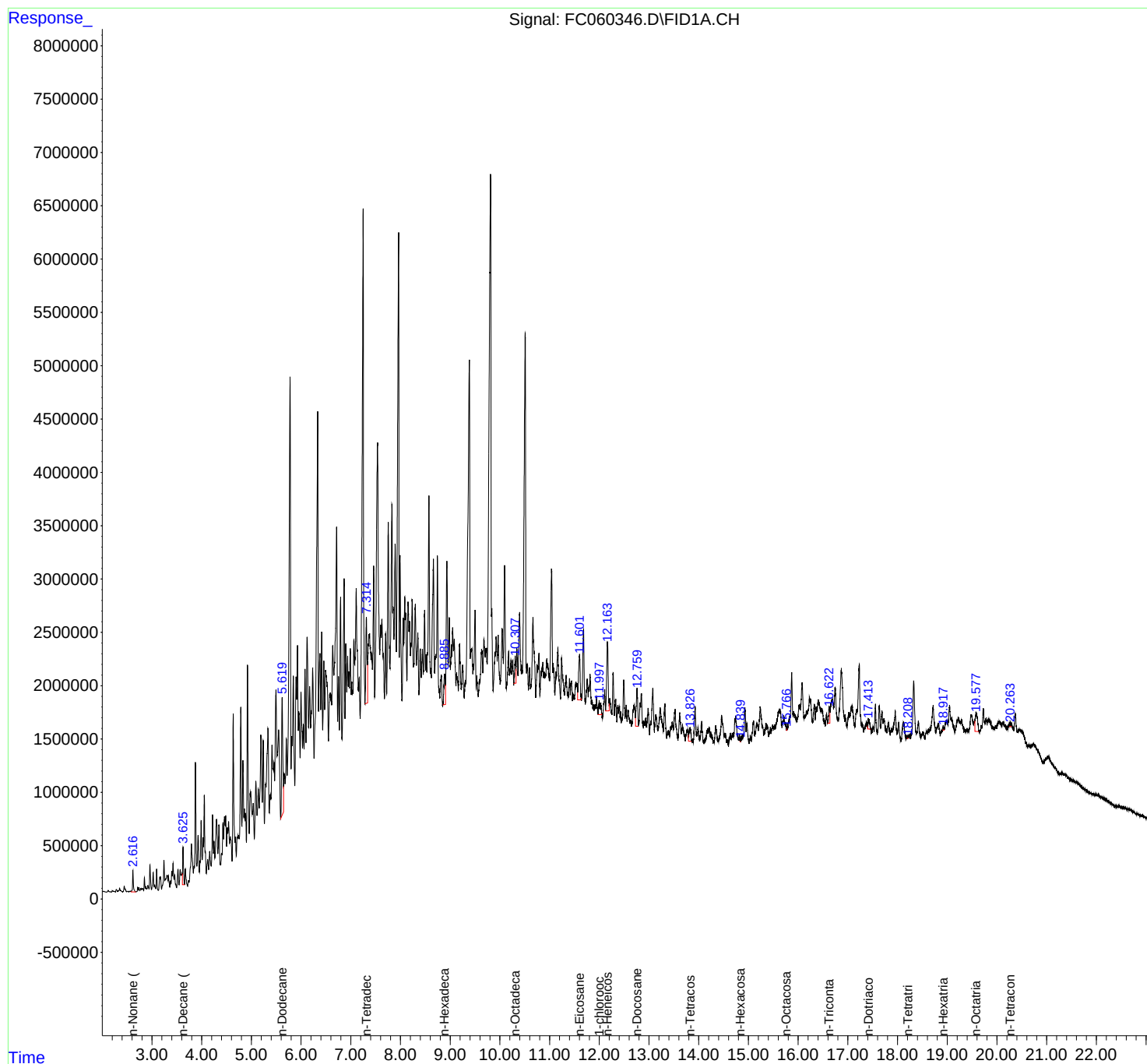
Response via : Initial Calibration

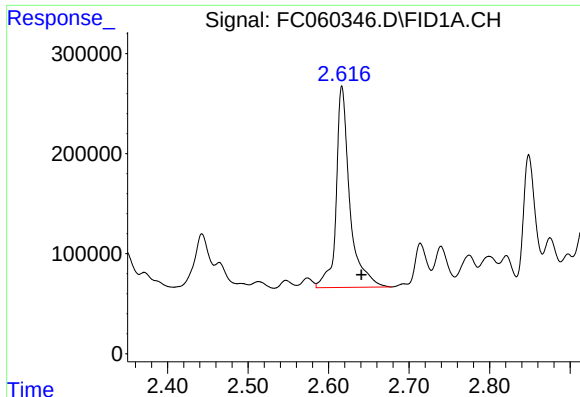
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Signal Info : 20M x 0.18mm x 0.18um





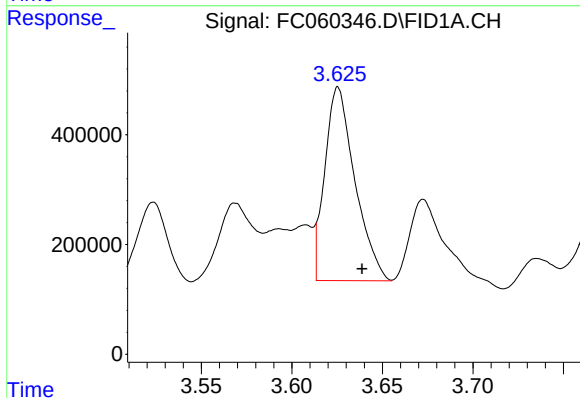
#1 n-Nonane (C9)

R.T.: 2.617 min
Delta R.T.: -0.024 min
Response: 2359375
Conc: 18.43 ug/ml

Instrument :
FID_C
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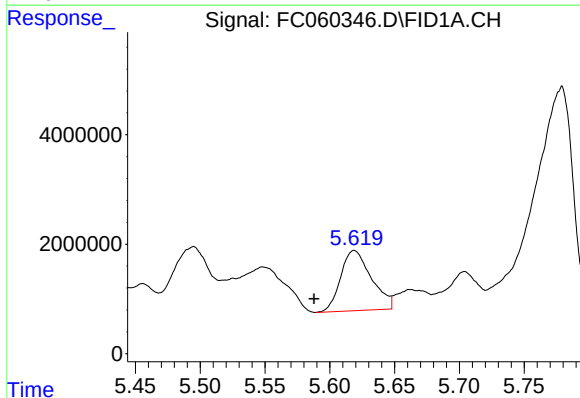
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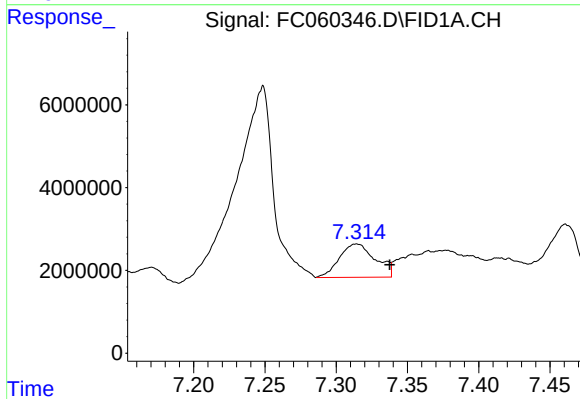
#2 n-Decane (C10)

R.T.: 3.625 min
Delta R.T.: -0.014 min
Response: 4052310
Conc: 31.68 ug/ml m



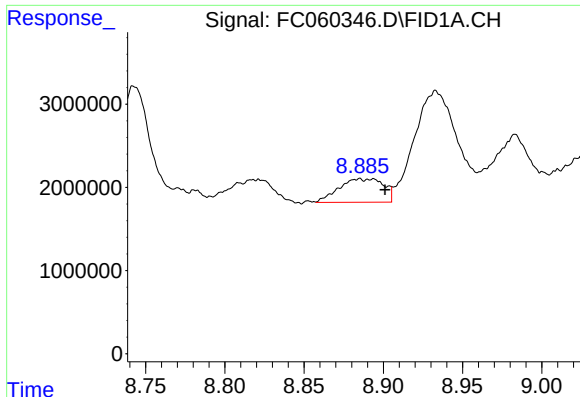
#4 n-Dodecane (C12)

R.T.: 5.619 min
Delta R.T.: 0.031 min
Response: 18171410
Conc: 136.31 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.314 min
Delta R.T.: -0.024 min
Response: 14228021
Conc: 104.22 ug/ml m



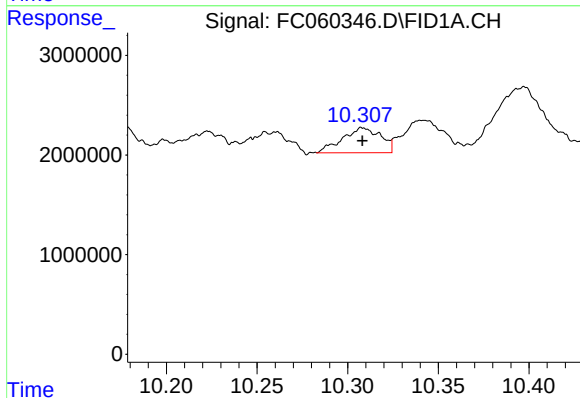
#7 n-Hexadecane (C16)

R.T.: 8.885 min
Delta R.T.: -0.016 min
Response: 5531397
Conc: 39.42 ug/ml

Instrument :
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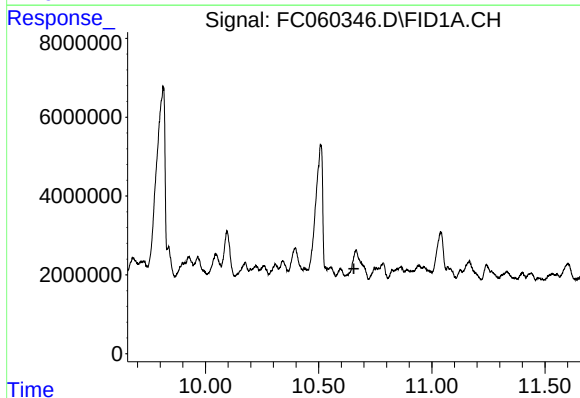
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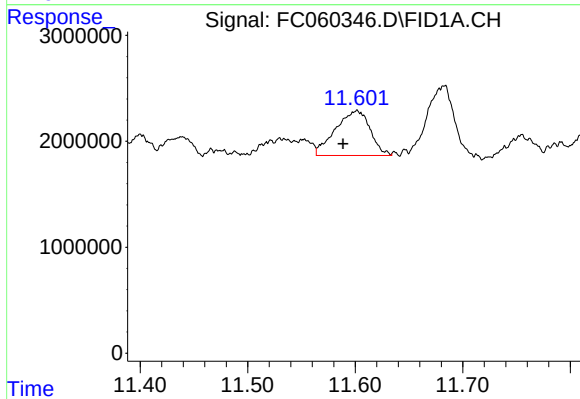
#8 n-Octadecane (C18)

R.T.: 10.307 min
Delta R.T.: -0.001 min
Response: 3723586
Conc: 26.02 ug/ml m



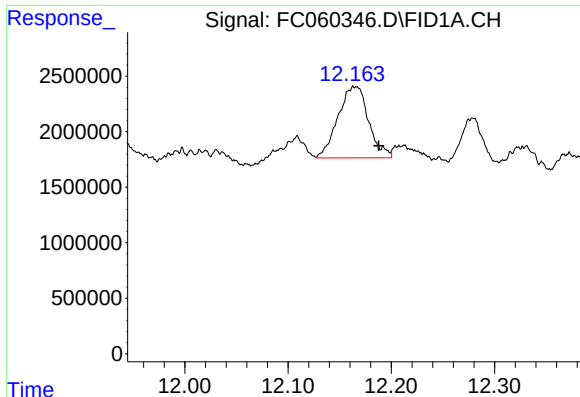
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.656 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.601 min
Delta R.T.: 0.013 min
Response: 9441425
Conc: 66.18 ug/ml m



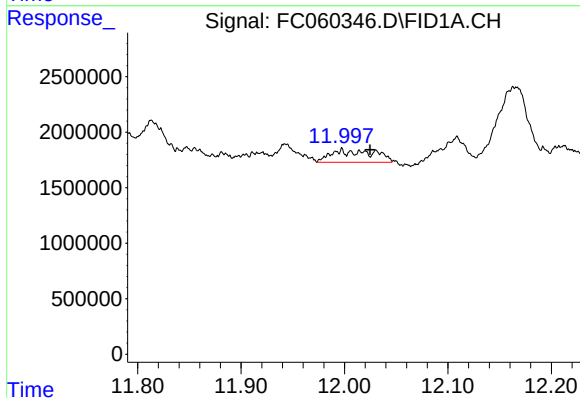
#11 n-Heneicosane (C21)

R.T.: 12.163 min
Delta R.T.: -0.025 min
Response: 13203364
Conc: 92.11 ug/ml

Instrument :
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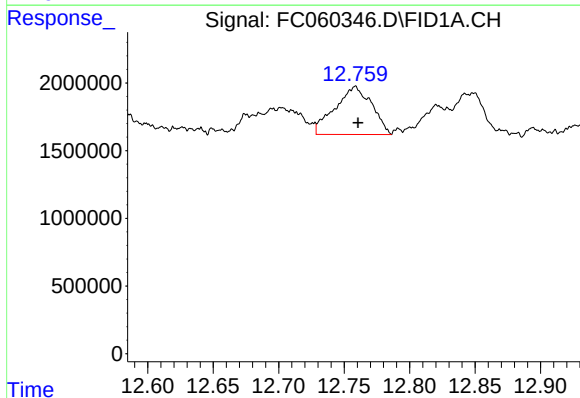
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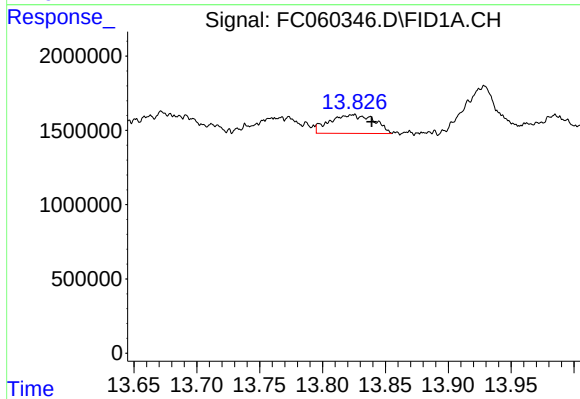
#12 1-chlorooctadecane (SURR)

R.T.: 11.997 min
Delta R.T.: -0.028 min
Response: 3225057
Conc: 26.01 ug/ml m



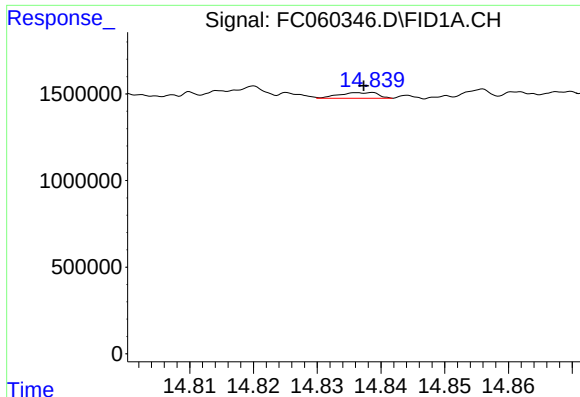
#13 n-Docosane (C22)

R.T.: 12.759 min
Delta R.T.: -0.002 min
Response: 6898098
Conc: 48.41 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 13.826 min
Delta R.T.: -0.013 min
Response: 3099798
Conc: 22.09 ug/ml m



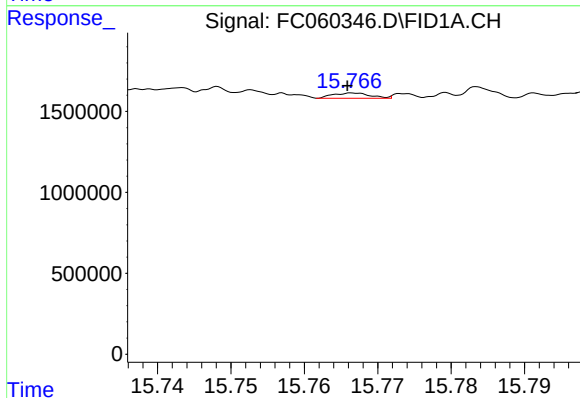
#15 n-Hexacosane (C26)

R.T.: 14.839 min
Delta R.T.: 0.001 min
Response: 137795
Conc: 1.02 ug/ml

Instrument :
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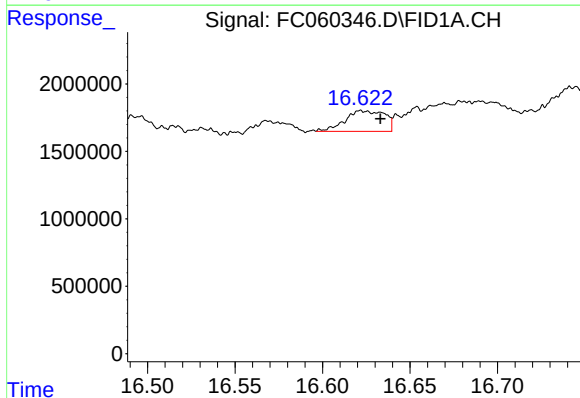
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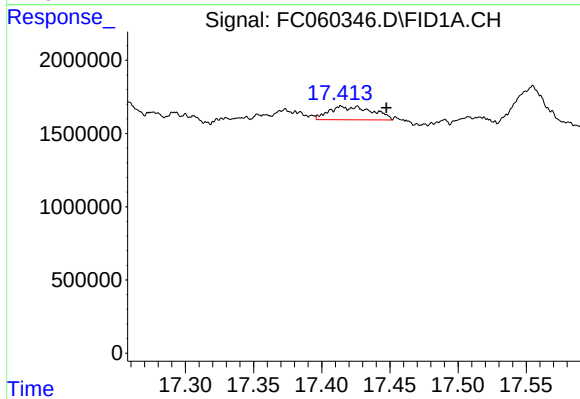
#16 n-Octacosane (C28)

R.T.: 15.766 min
Delta R.T.: 0.000 min
Response: 114558
Conc: 0.88 ug/ml m



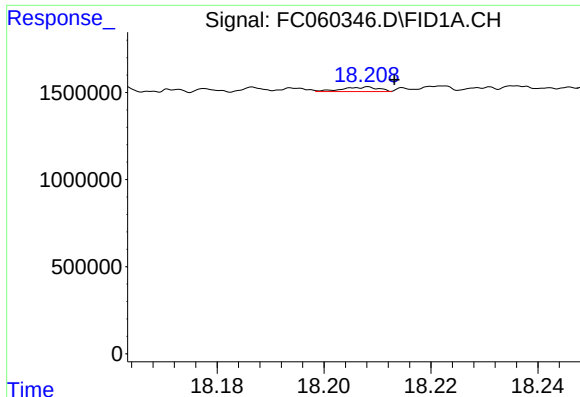
#17 n-Tricontane (C30)

R.T.: 16.622 min
Delta R.T.: -0.011 min
Response: 2419862
Conc: 19.77 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 17.413 min
Delta R.T.: -0.034 min
Response: 2013928
Conc: 18.06 ug/ml m



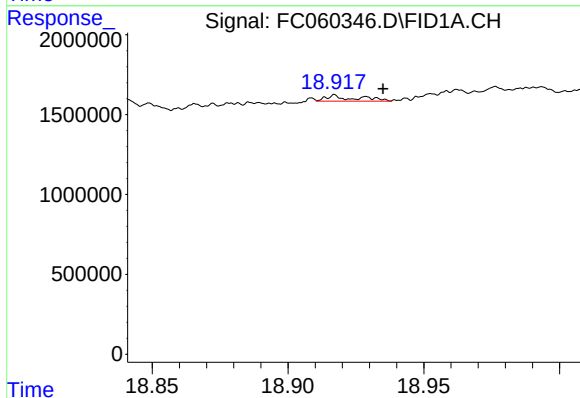
#19 n-Tetratriacontane (C34)

R.T.: 18.208 min
Delta R.T.: -0.005 min
Response: 126364
Conc: 1.24 ug/ml

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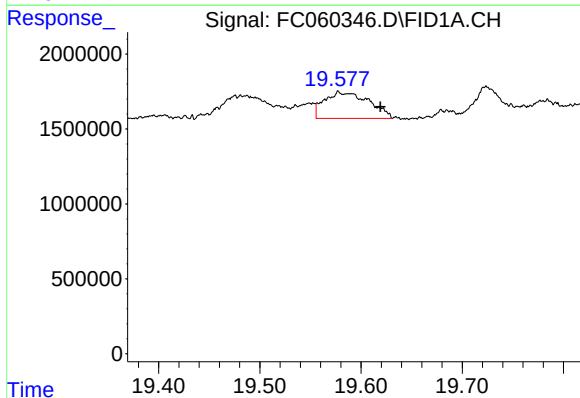
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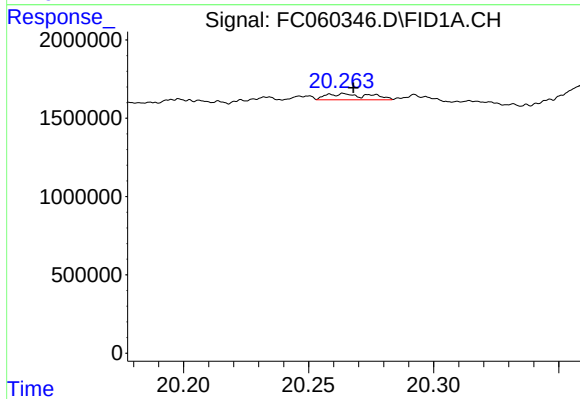
#20 n-Hexatriacontane (C36)

R.T.: 18.917 min
Delta R.T.: -0.018 min
Response: 284338
Conc: 3.00 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.577 min
Delta R.T.: -0.042 min
Response: 5363856
Conc: 58.14 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.263 min
Delta R.T.: -0.005 min
Response: 484887
Conc: 5.15 ug/ml m