

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061822AL\
 Data File : FC060347.D
 Signal(s) : FID1A.CH
 Acq On : 19 Jun 2022 9:44
 Operator : UA/NP
 Sample : N3213-08MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SW-W-F1MSD

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 01:04:18 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...	11.992	4729282	38.143 ug/mlm
Spiked Amount 50.000		Recovery =	76.29%
Target Compounds			
1) T n-Nonane (C9)	2.617	2367533	18.498 ug/ml
2) T n-Decane (C10)	3.625	4696961	36.715 ug/mlm
4) T n-Dodecane (C12)	5.550	22531251	169.020 ug/mlm
6) T n-Tetradecane (C14)	7.313	12760914	93.477 ug/mlm
7) T n-Hexadecane (C16)	8.890	5631890	40.139 ug/mlm
8) T n-Octadecane (C18)	10.310	2745225	19.183 ug/mlm
10) T n-Eicosane (C20)	11.604	7879932	55.232 ug/mlm
11) T n-Heneicosane (C21)	12.164	11019983	76.881 ug/mlm
13) T n-Docosane (C22)	12.763	5160128	36.212 ug/mlm
14) T n-Tetracosane (C24)	13.828	3688759	26.286 ug/mlm
15) T n-Hexacosane (C26)	14.825	1123520	8.297 ug/mlm
16) T n-Octacosane (C28)	15.768	109712	0.842 ug/mlm
17) T n-Tricontane (C30)	16.625	2491386	20.350 ug/mlm
18) T n-Dotriacontane (C32)	17.420	3387758	30.385 ug/mlm
19) T n-Tetratriacontane (C34)	18.218	262401	2.573 ug/mlm
20) T n-Hexatriacontane (C36)	18.936	1793038	18.934 ug/mlm
21) T n-Octatriacontane (C38)	19.586	2467595	26.745 ug/mlm
22) T n-Tetracontane (C40)	20.265	439202	4.668 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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

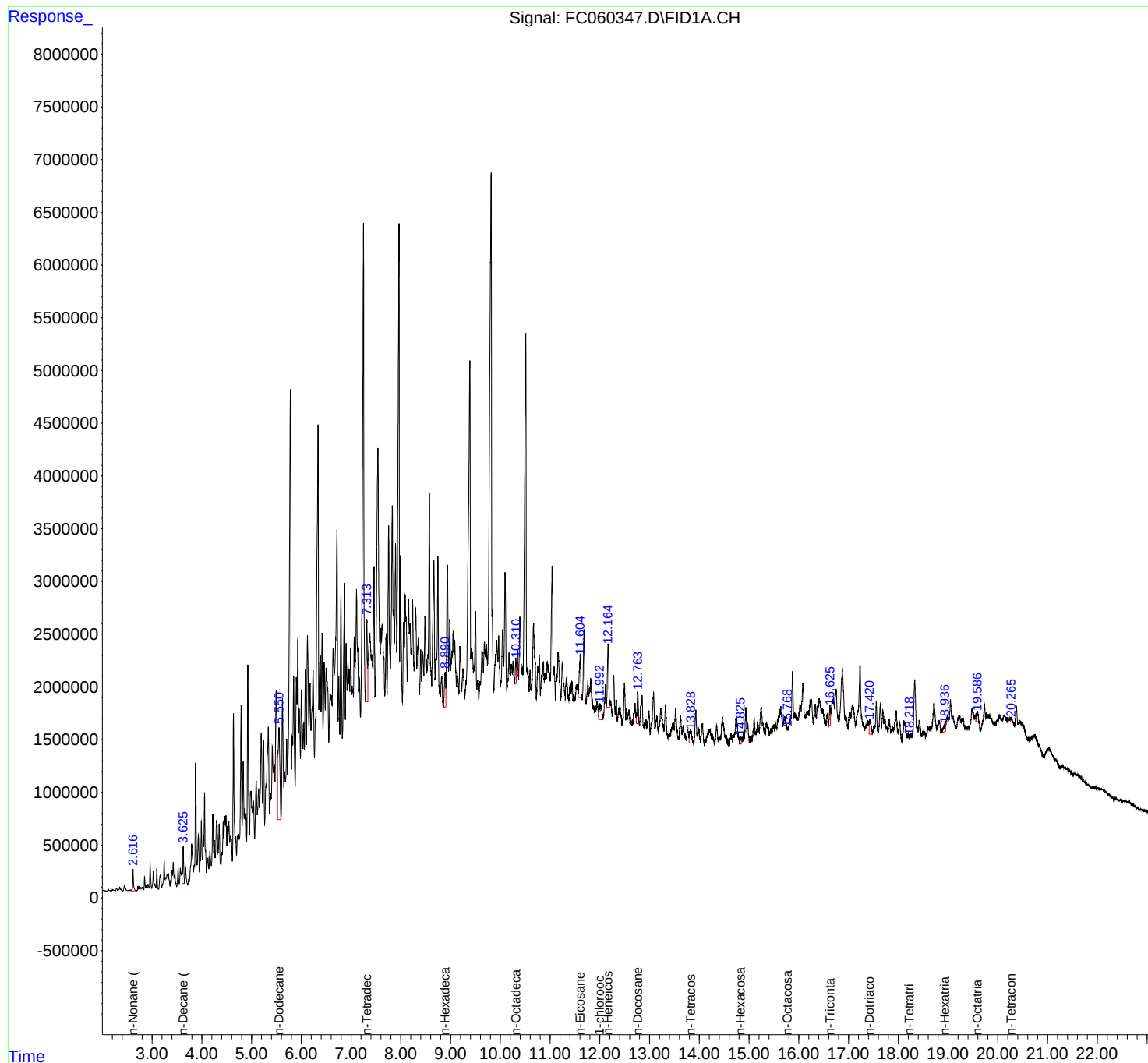
Response via : Initial Calibration

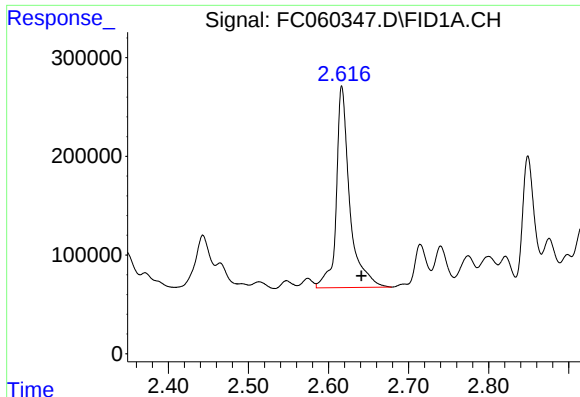
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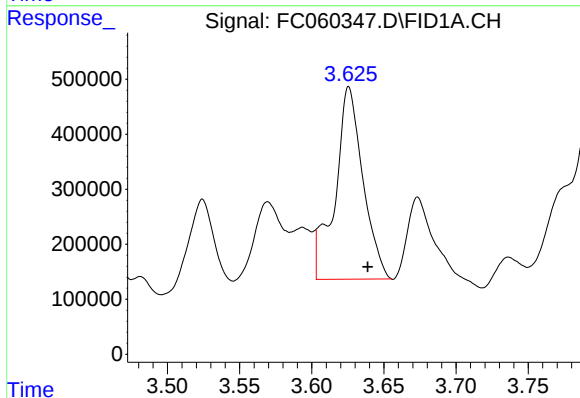
#1 n-Nonane (C9)

R.T.: 2.617 min
Delta R.T.: -0.024 min
Response: 2367533
Conc: 18.50 ug/ml

Instrument :
FID_C
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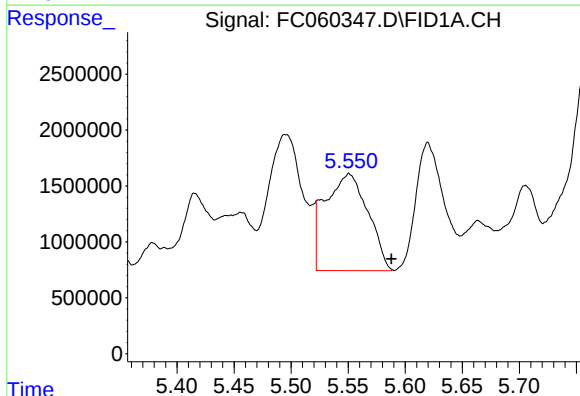
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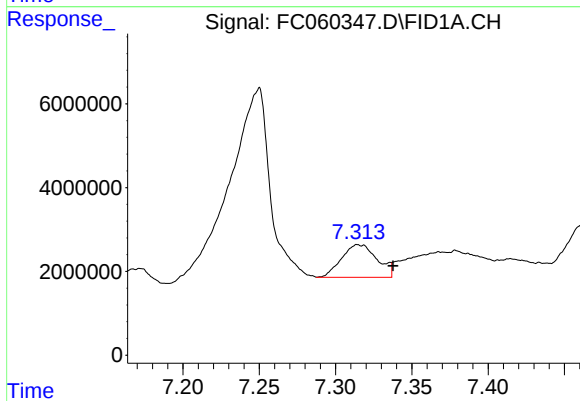
#2 n-Decane (C10)

R.T.: 3.625 min
Delta R.T.: -0.014 min
Response: 4696961
Conc: 36.71 ug/ml m



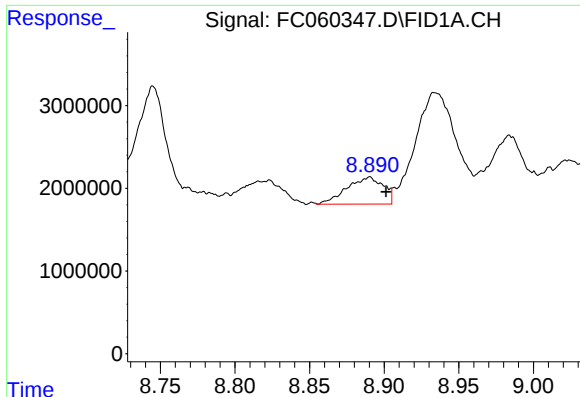
#4 n-Dodecane (C12)

R.T.: 5.550 min
Delta R.T.: -0.038 min
Response: 22531251
Conc: 169.02 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 7.313 min
Delta R.T.: -0.024 min
Response: 12760914
Conc: 93.48 ug/ml m



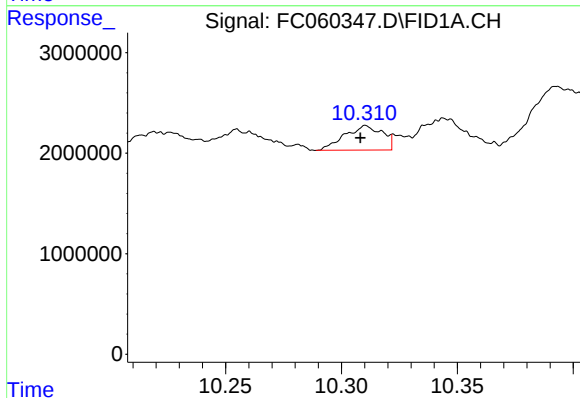
#7 n-Hexadecane (C16)

R.T.: 8.890 min
Delta R.T.: -0.011 min
Response: 5631890
Conc: 40.14 ug/ml

Instrument :
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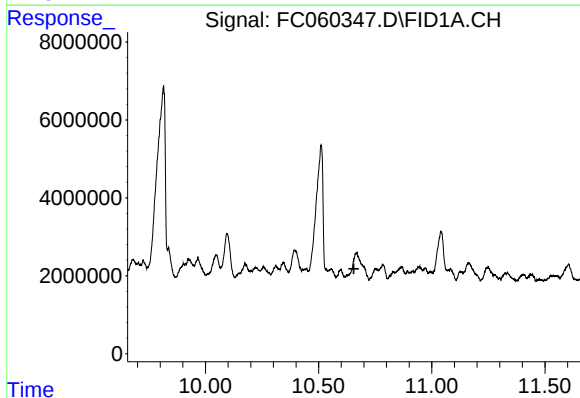
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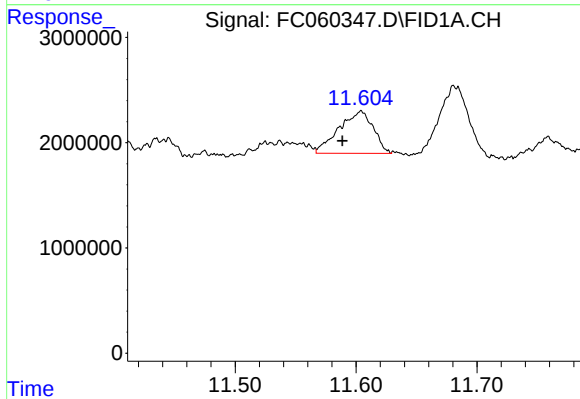
#8 n-Octadecane (C18)

R.T.: 10.310 min
Delta R.T.: 0.002 min
Response: 2745225
Conc: 19.18 ug/ml m



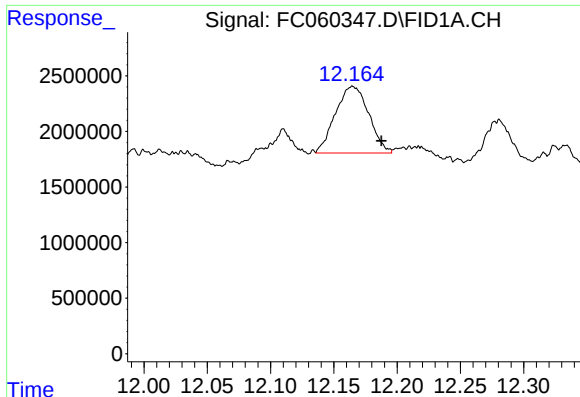
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 11.604 min
Delta R.T.: 0.015 min
Response: 7879932
Conc: 55.23 ug/ml m



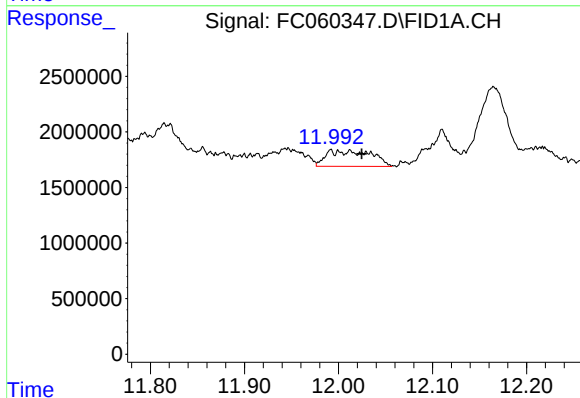
#11 n-Heneicosane (C21)

R.T.: 12.164 min
Delta R.T.: -0.024 min
Response: 11019983
Conc: 76.88 ug/ml

Instrument :
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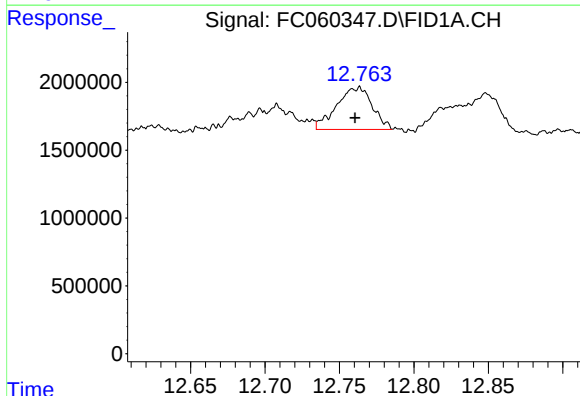
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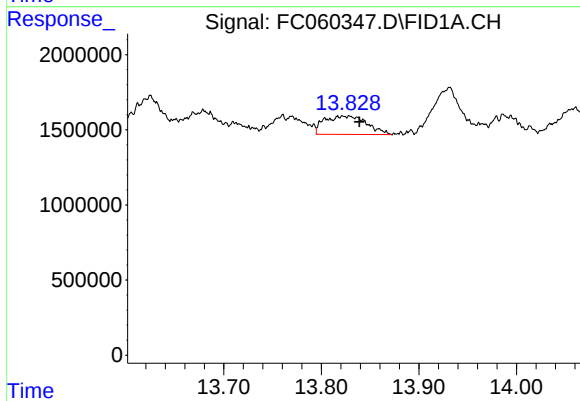
#12 1-chlorooctadecane (SURR)

R.T.: 11.992 min
Delta R.T.: -0.033 min
Response: 4729282
Conc: 38.14 ug/ml m



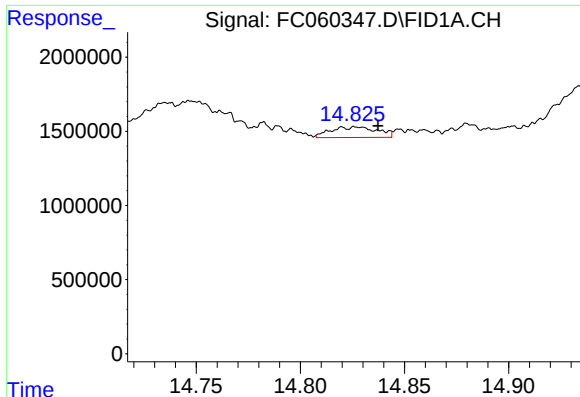
#13 n-Docosane (C22)

R.T.: 12.763 min
Delta R.T.: 0.003 min
Response: 5160128
Conc: 36.21 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 13.828 min
Delta R.T.: -0.011 min
Response: 3688759
Conc: 26.29 ug/ml m



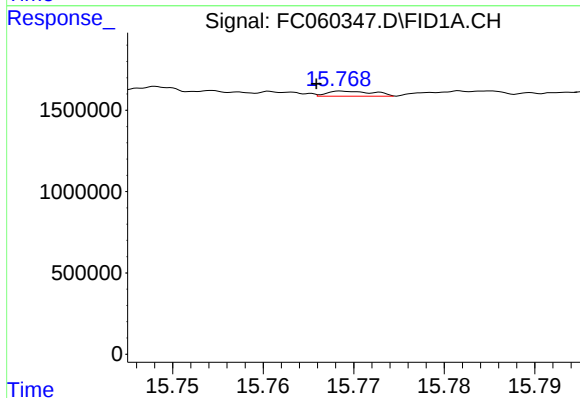
#15 n-Hexacosane (C26)

R.T.: 14.825 min
Delta R.T.: -0.012 min
Response: 1123520
Conc: 8.30 ug/ml

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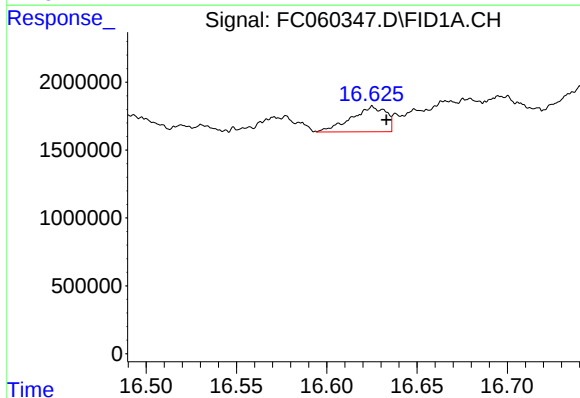
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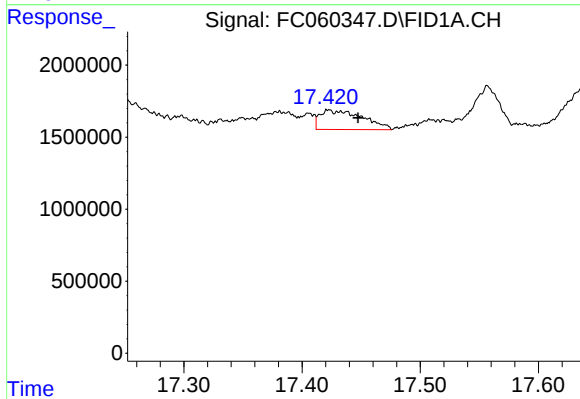
#16 n-Octacosane (C28)

R.T.: 15.768 min
Delta R.T.: 0.002 min
Response: 109712
Conc: 0.84 ug/ml m



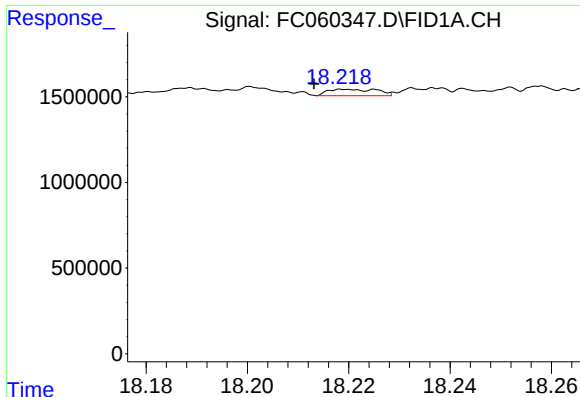
#17 n-Tricontane (C30)

R.T.: 16.625 min
Delta R.T.: -0.008 min
Response: 2491386
Conc: 20.35 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 17.420 min
Delta R.T.: -0.027 min
Response: 3387758
Conc: 30.38 ug/ml m



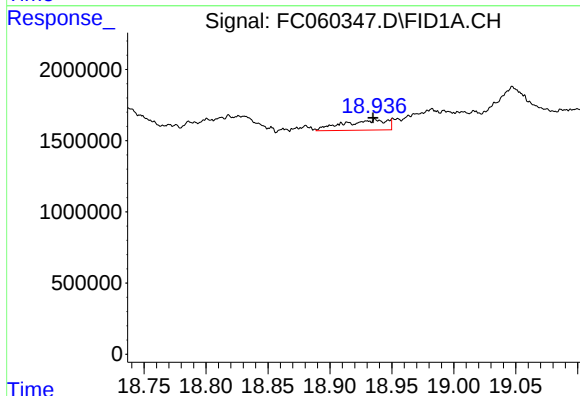
#19 n-Tetratriacontane (C34)

R.T.: 18.218 min
Delta R.T.: 0.005 min
Response: 262401
Conc: 2.57 ug/ml

Instrument :
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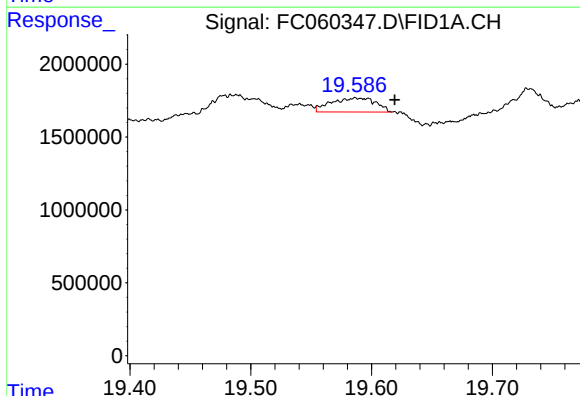
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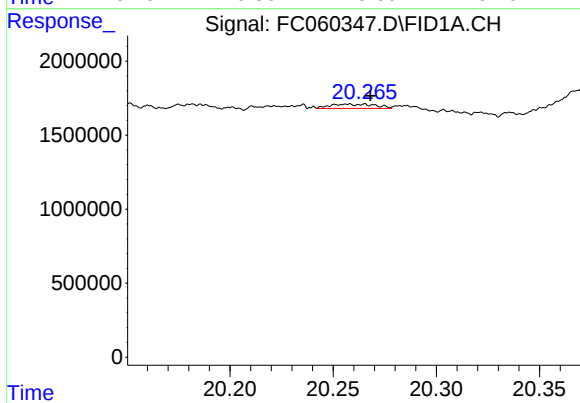
#20 n-Hexatriacontane (C36)

R.T.: 18.936 min
Delta R.T.: 0.000 min
Response: 1793038
Conc: 18.93 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.586 min
Delta R.T.: -0.033 min
Response: 2467595
Conc: 26.75 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.265 min
Delta R.T.: -0.003 min
Response: 439202
Conc: 4.67 ug/ml m