

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061022AL\
 Data File : FC060190.D
 Signal(s) : FID1A.CH
 Acq On : 10 Jun 2022 14:24
 Operator : UA/NP
 Sample : N1645-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 LOQ-WATER-02-QT1-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2022
 Supervised By :Ankita Jodhani 06/13/2022

Integration File: autoint1.e
 Quant Time: Jun 10 23:05:17 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...	12.016	4546166	36.666 ug/ml
Spiked Amount 50.000		Recovery =	73.33%
Target Compounds			
1) T n-Nonane (C9)	2.639	359761	2.811 ug/ml
2) T n-Decane (C10)	3.635	472439	3.693 ug/ml
4) T n-Dodecane (C12)	5.581	785025	5.889 ug/ml
6) T n-Tetradecane (C14)	7.331	631336	4.625 ug/ml
7) T n-Hexadecane (C16)	8.893	642243	4.577 ug/ml
8) T n-Octadecane (C18)	10.300	706213	4.935 ug/ml
10) T n-Eicosane (C20)	11.579	751451	5.267 ug/ml
11) T n-Heneicosane (C21)	12.176	767901	5.357 ug/ml
13) T n-Docosane (C22)	12.749	770319	5.406 ug/ml
14) T n-Tetracosane (C24)	13.826	772712	5.506 ug/ml
15) T n-Hexacosane (C26)	14.823	742798	5.485 ug/ml
16) T n-Octacosane (C28)	15.751	730905	5.612 ug/ml
17) T n-Tricontane (C30)	16.617	718579	5.870 ug/mlm
18) T n-Dotriacontane (C32)	17.431	729027	6.539 ug/ml
19) T n-Tetratriacontane (C34)	18.194	607356	5.955 ug/ml
20) T n-Hexatriacontane (C36)	18.918	505830	5.341 ug/ml
21) T n-Octatriacontane (C38)	19.600	466297	5.054 ug/ml
22) T n-Tetracontane (C40)	20.247	466887	4.962 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : N1645-08
Misc : 5 PPM WATER LOQ
ALS Vial : 8 Sample Multiplier: 1

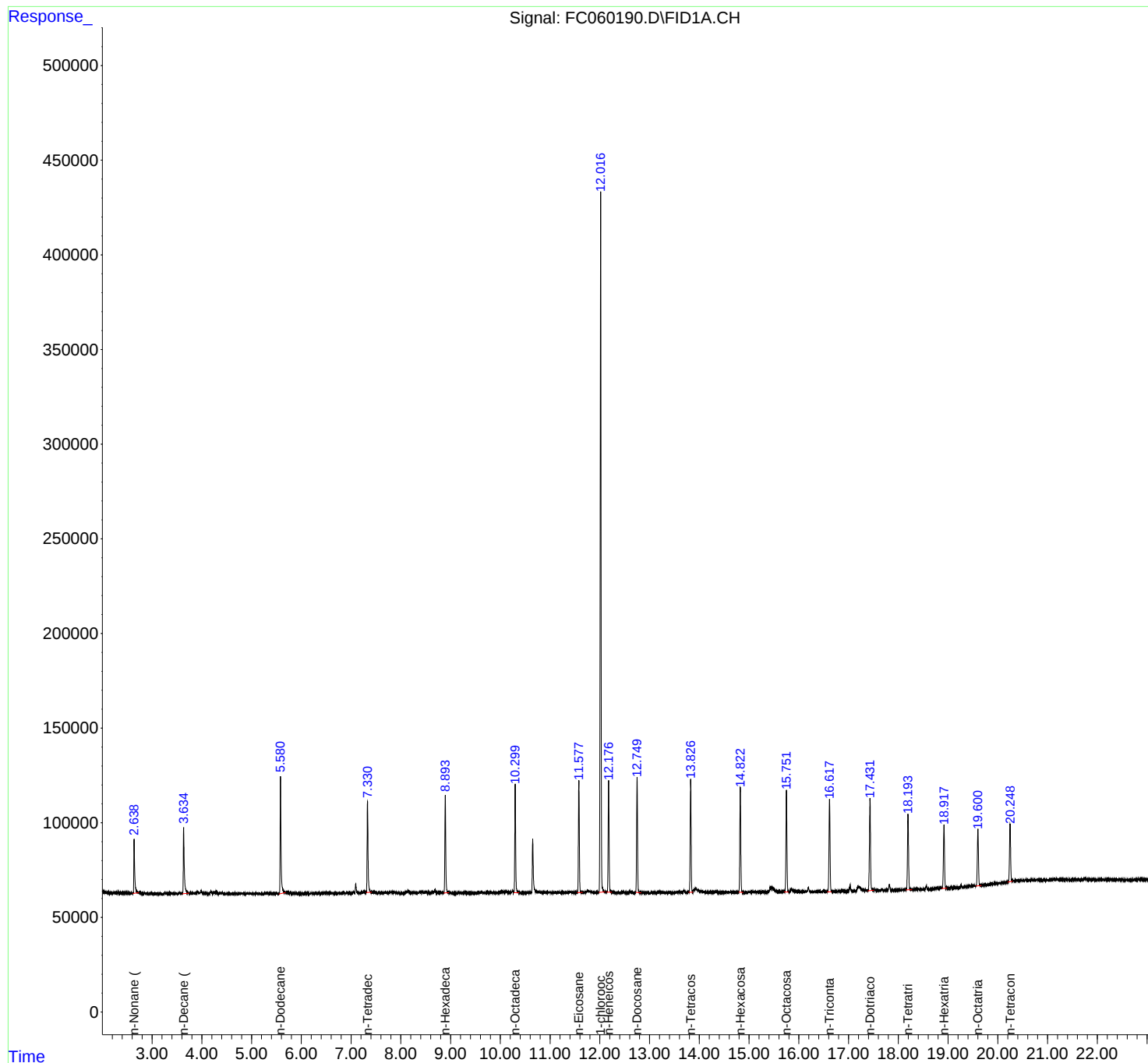
Instrument :
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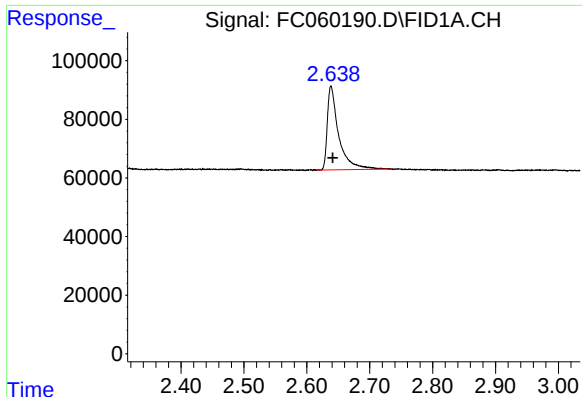
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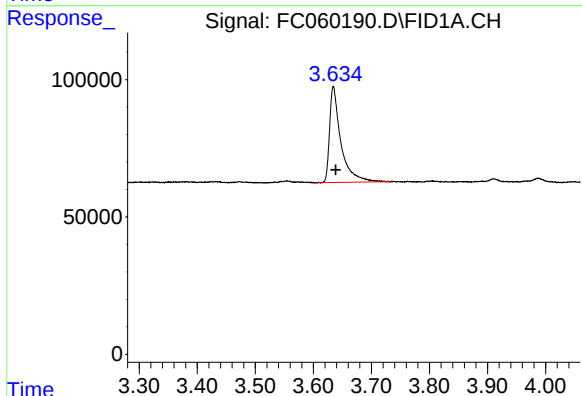
#1 n-Nonane (C9)

R.T.: 2.639 min
Delta R.T.: -0.002 min
Response: 359761
Conc: 2.81 ug/ml

Instrument : FID_C
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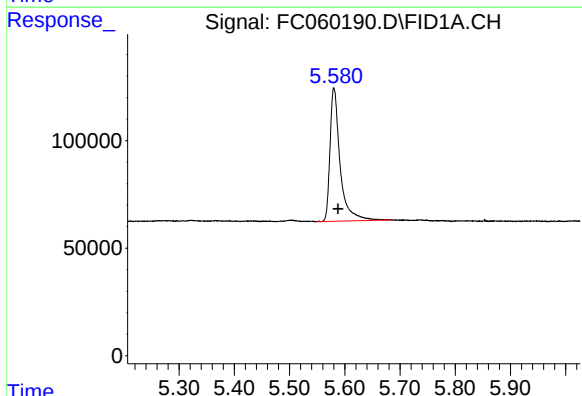
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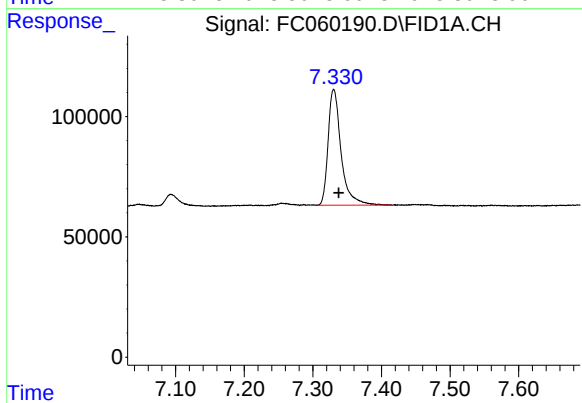
#2 n-Decane (C10)

R.T.: 3.635 min
Delta R.T.: -0.004 min
Response: 472439
Conc: 3.69 ug/ml



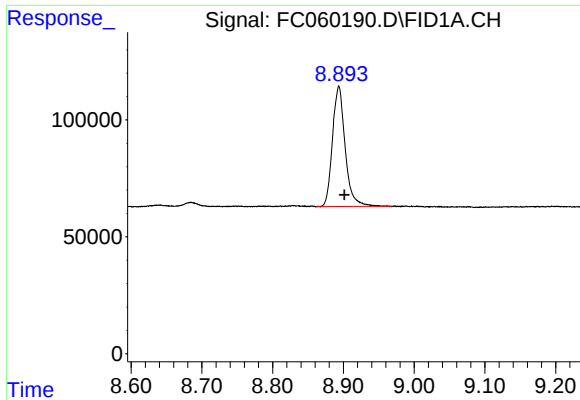
#4 n-Dodecane (C12)

R.T.: 5.581 min
Delta R.T.: -0.007 min
Response: 785025
Conc: 5.89 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.331 min
Delta R.T.: -0.007 min
Response: 631336
Conc: 4.62 ug/ml



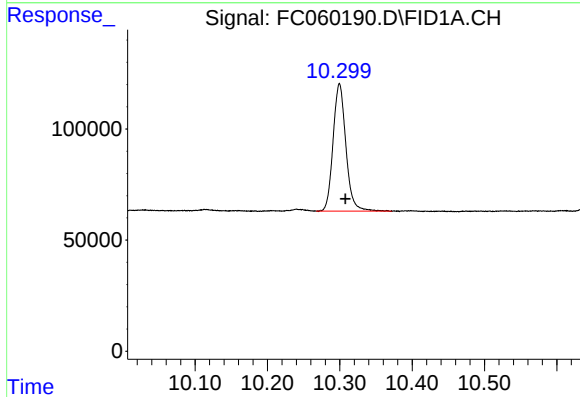
#7 n-Hexadecane (C16)

R.T.: 8.893 min
Delta R.T.: -0.008 min
Response: 642243
Conc: 4.58 ug/ml

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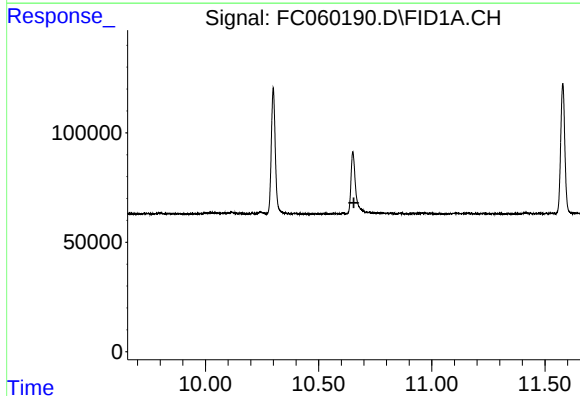
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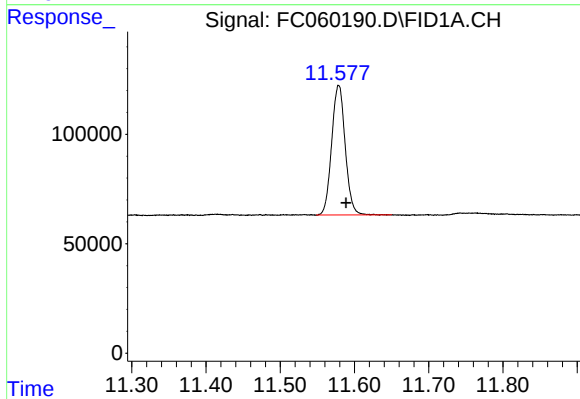
#8 n-Octadecane (C18)

R.T.: 10.300 min
Delta R.T.: -0.009 min
Response: 706213
Conc: 4.93 ug/ml



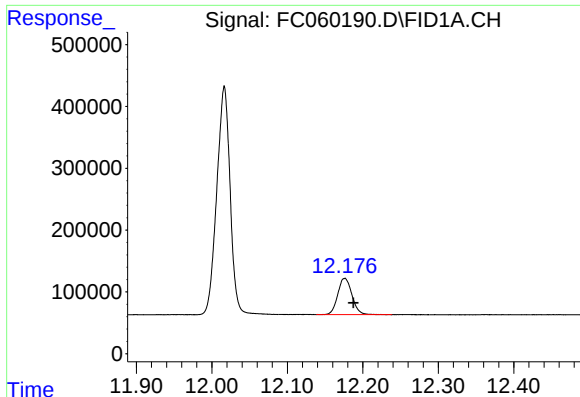
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 11.579 min
Delta R.T.: -0.010 min
Response: 751451
Conc: 5.27 ug/ml



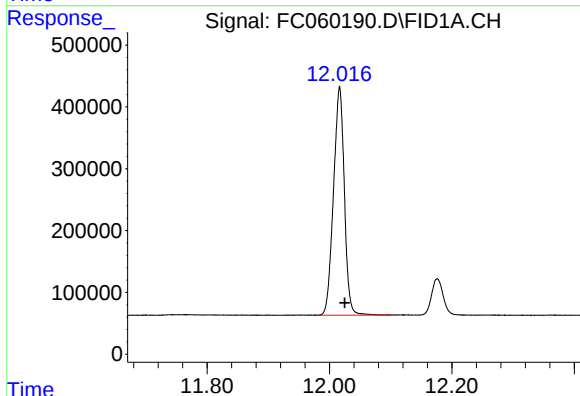
#11 n-Heneicosane (C21)

R.T.: 12.176 min
Delta R.T.: -0.012 min
Response: 767901
Conc: 5.36 ug/ml

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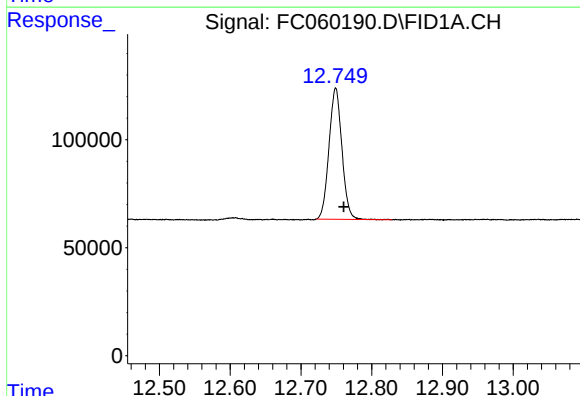
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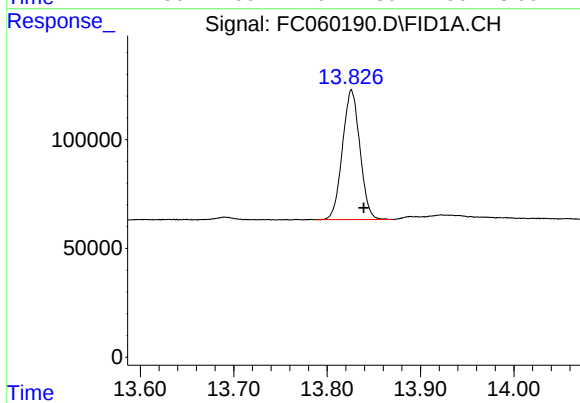
#12 1-chlorooctadecane (SURR)

R.T.: 12.016 min
Delta R.T.: -0.008 min
Response: 4546166
Conc: 36.67 ug/ml



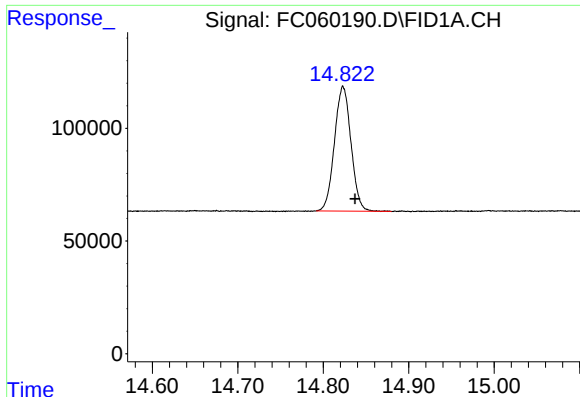
#13 n-Docosane (C22)

R.T.: 12.749 min
Delta R.T.: -0.011 min
Response: 770319
Conc: 5.41 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.826 min
Delta R.T.: -0.013 min
Response: 772712
Conc: 5.51 ug/ml



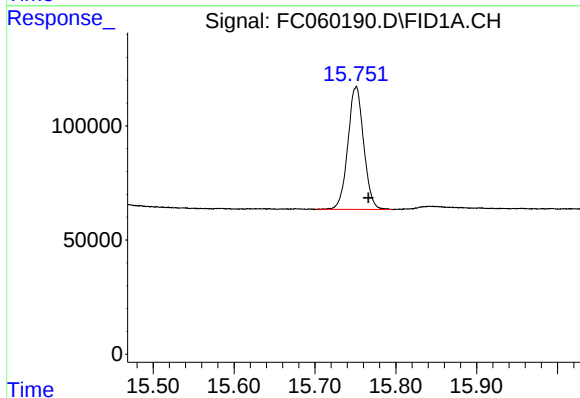
#15 n-Hexacosane (C26)

R.T.: 14.823 min
Delta R.T.: -0.014 min
Response: 742798
Conc: 5.49 ug/ml

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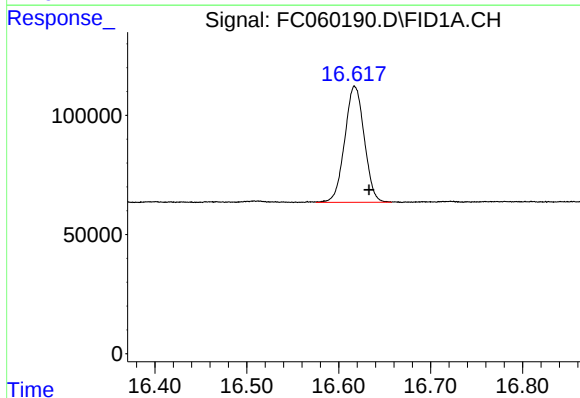
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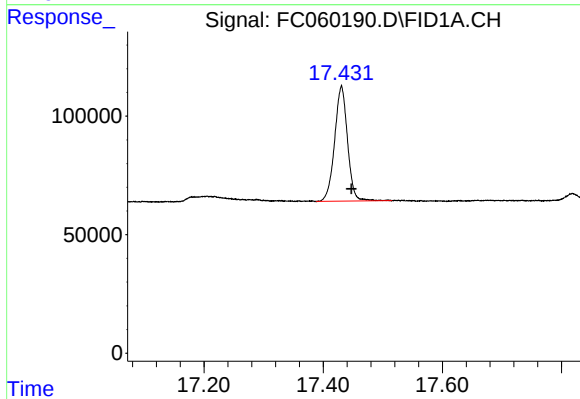
#16 n-Octacosane (C28)

R.T.: 15.751 min
Delta R.T.: -0.015 min
Response: 730905
Conc: 5.61 ug/ml



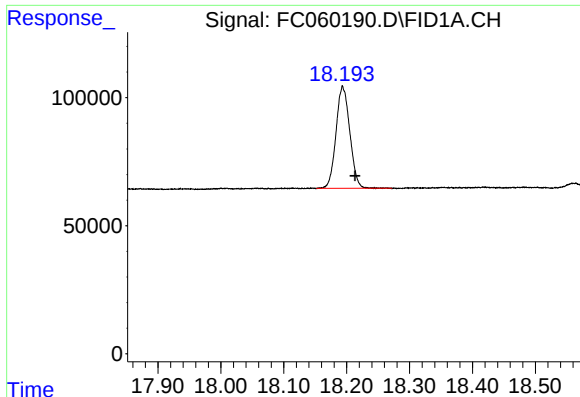
#17 n-Tricontane (C30)

R.T.: 16.617 min
Delta R.T.: -0.016 min
Response: 718579
Conc: 5.87 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 17.431 min
Delta R.T.: -0.017 min
Response: 729027
Conc: 6.54 ug/ml



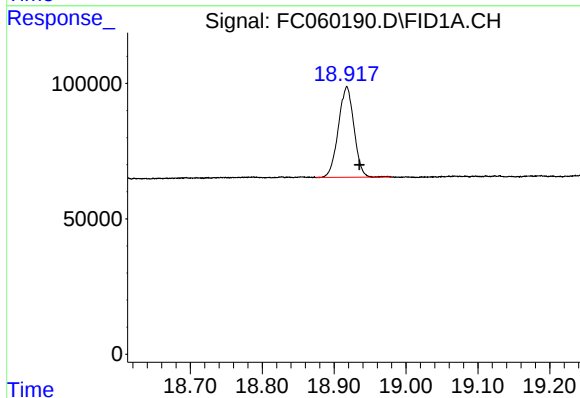
#19 n-Tetratriacontane (C34)

R.T.: 18.194 min
Delta R.T.: -0.019 min
Response: 607356
Conc: 5.95 ug/ml

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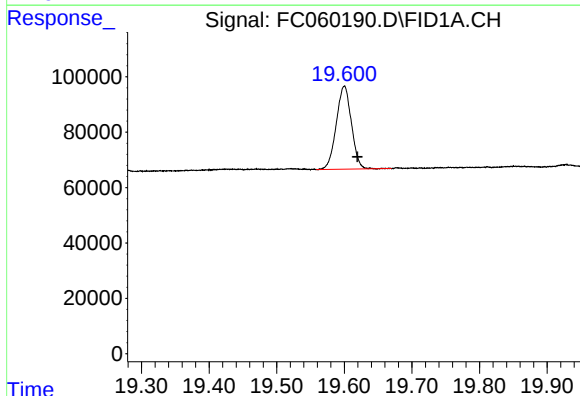
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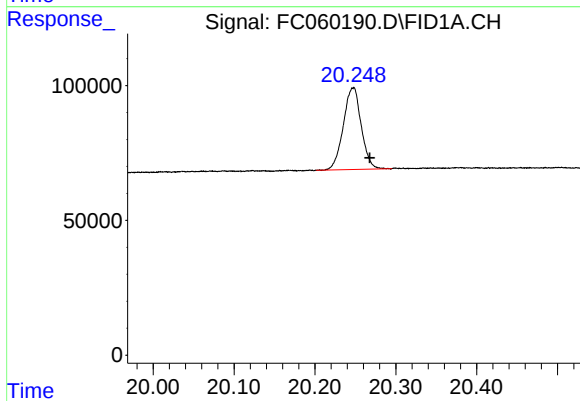
#20 n-Hexatriacontane (C36)

R.T.: 18.918 min
Delta R.T.: -0.017 min
Response: 505830
Conc: 5.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.600 min
Delta R.T.: -0.019 min
Response: 466297
Conc: 5.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.247 min
Delta R.T.: -0.021 min
Response: 466887
Conc: 4.96 ug/ml