

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060822AL\
 Data File : FC060164.D
 Signal(s) : FID1A.CH
 Acq On : 08 Jun 2022 18:07
 Operator : UA/NP
 Sample : PB145403BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB145403BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/09/2022
 Supervised By :Ankita Jodhani 06/09/2022

Integration File: autoint1.e
 Quant Time: Jun 09 02:02:59 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...	12.017	4607885	37.164 ug/ml
Spiked Amount 50.000		Recovery =	74.33%
Target Compounds			
1) T n-Nonane (C9)	2.626	2738852	21.399 ug/ml
2) T n-Decane (C10)	3.624	3398353	26.564 ug/ml
4) T n-Dodecane (C12)	5.576	4268017	32.017 ug/ml
6) T n-Tetradecane (C14)	7.328	5068654	37.129 ug/ml
7) T n-Hexadecane (C16)	8.893	6155395	43.871 ug/ml
8) T n-Octadecane (C18)	10.304	7021532	49.064 ug/ml
10) T n-Eicosane (C20)	11.583	6925177	48.540 ug/ml
11) T n-Heneicosane (C21)	12.182	6946072	48.459 ug/ml
13) T n-Docosane (C22)	12.755	6859857	48.140 ug/ml
14) T n-Tetracosane (C24)	13.833	8100186	57.722 ug/mlm
15) T n-Hexacosane (C26)	14.831	6496341	47.973 ug/ml
16) T n-Octacosane (C28)	15.758	6928133	53.197 ug/mlm
17) T n-Tricontane (C30)	16.624	5887880	48.094 ug/ml
18) T n-Dotriacontane (C32)	17.437	5675957	50.908 ug/ml
19) T n-Tetratriacontane (C34)	18.200	5195571	50.939 ug/ml
20) T n-Hexatriacontane (C36)	18.923	4788460	50.565 ug/mlm
21) T n-Octatriacontane (C38)	19.603	4500666	48.781 ug/mlm
22) T n-Tetracontane (C40)	20.253	4420650	46.985 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 14 Sample Multiplier: 1

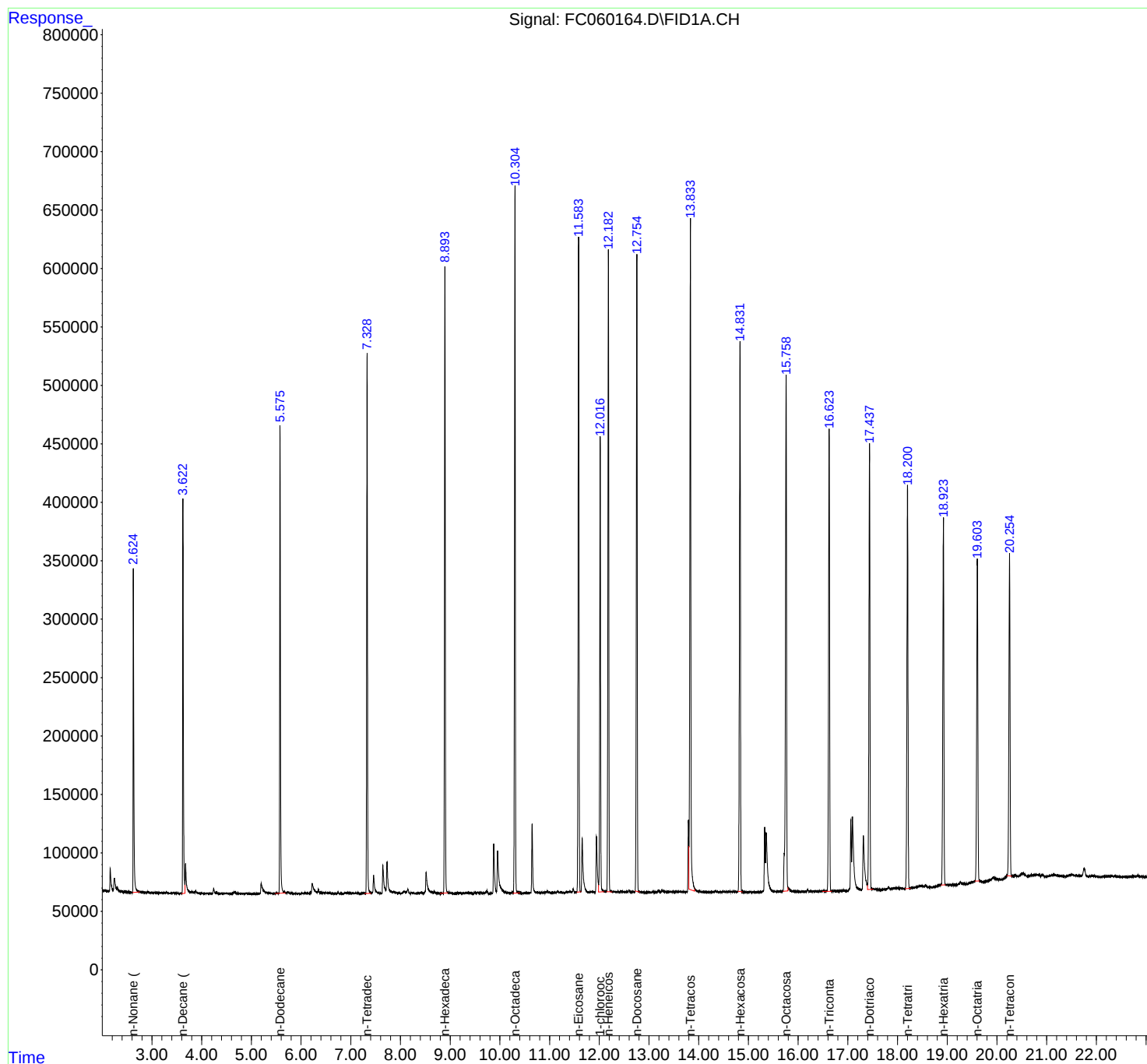
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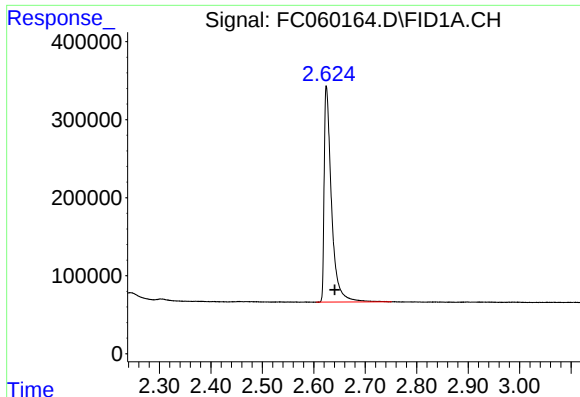
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#1 n-Nonane (C9)

R.T.: 2.626 min
Delta R.T.: -0.015 min
Response: 2738852
Conc: 21.40 ug/ml

Instrument :

FID_C

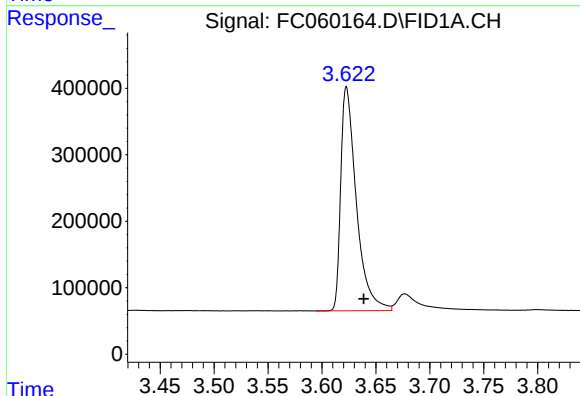
ClientSampleId :

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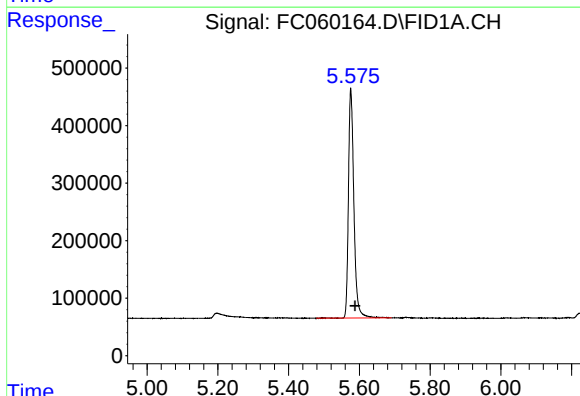
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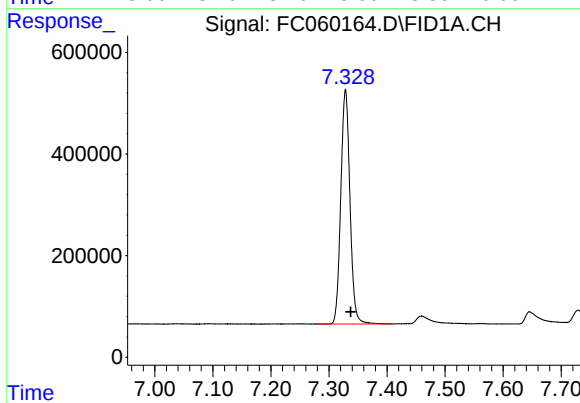
#2 n-Decane (C10)

R.T.: 3.624 min
Delta R.T.: -0.015 min
Response: 3398353
Conc: 26.56 ug/ml



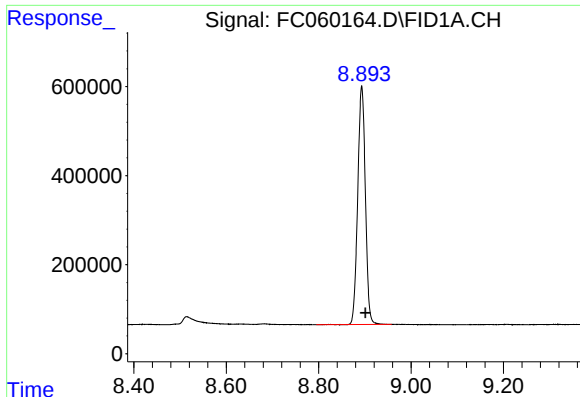
#4 n-Dodecane (C12)

R.T.: 5.576 min
Delta R.T.: -0.012 min
Response: 4268017
Conc: 32.02 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.328 min
Delta R.T.: -0.009 min
Response: 5068654
Conc: 37.13 ug/ml



#7 n-Hexadecane (C16)

R.T.: 8.893 min
Delta R.T.: -0.008 min
Response: 6155395
Conc: 43.87 ug/ml

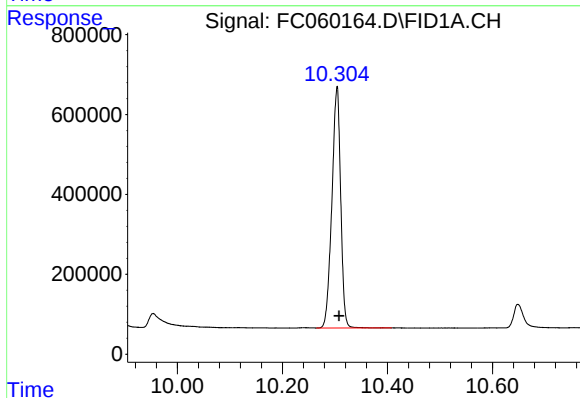
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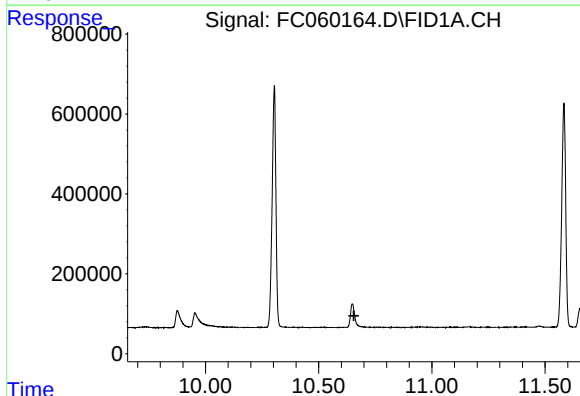
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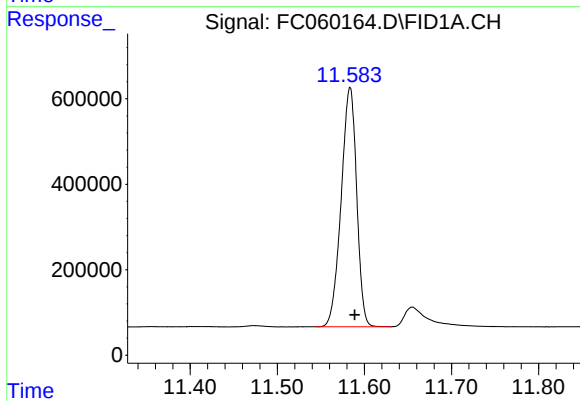
#8 n-Octadecane (C18)

R.T.: 10.304 min
Delta R.T.: -0.004 min
Response: 7021532
Conc: 49.06 ug/ml



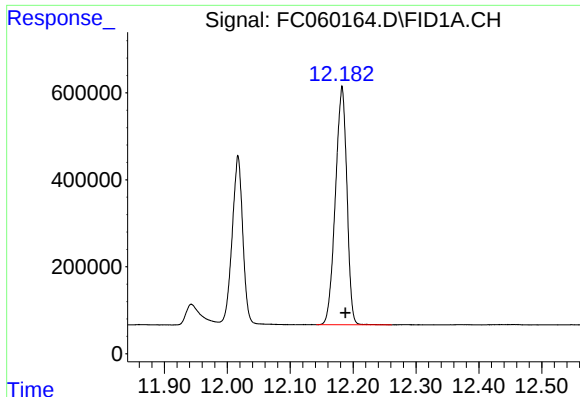
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 11.583 min
Delta R.T.: -0.005 min
Response: 6925177
Conc: 48.54 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.182 min
Delta R.T.: -0.006 min
Response: 6946072
Conc: 48.46 ug/ml

Instrument :

FID_C

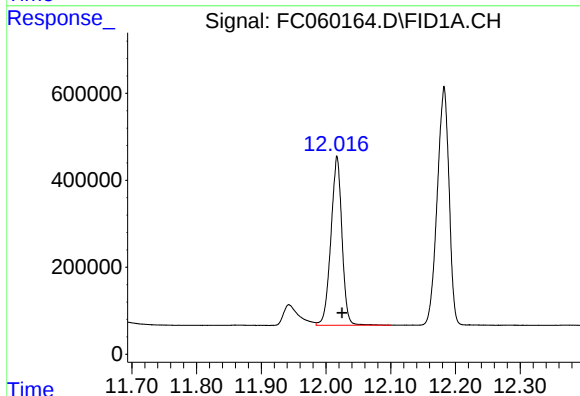
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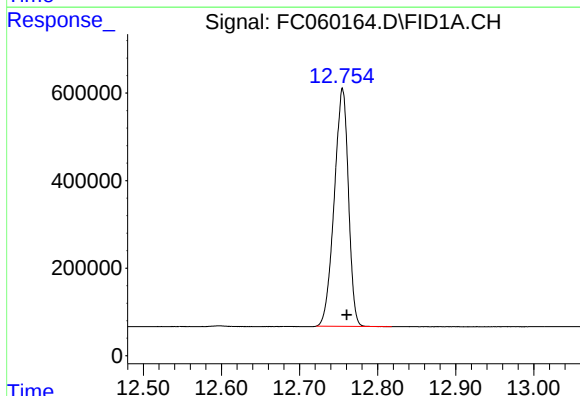
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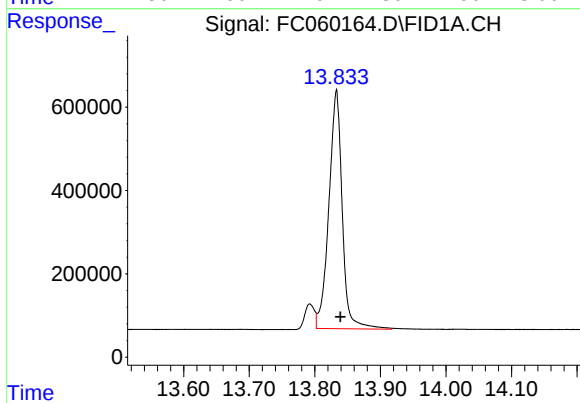
#12 1-chlorooctadecane (SURR)

R.T.: 12.017 min
Delta R.T.: -0.008 min
Response: 4607885
Conc: 37.16 ug/ml



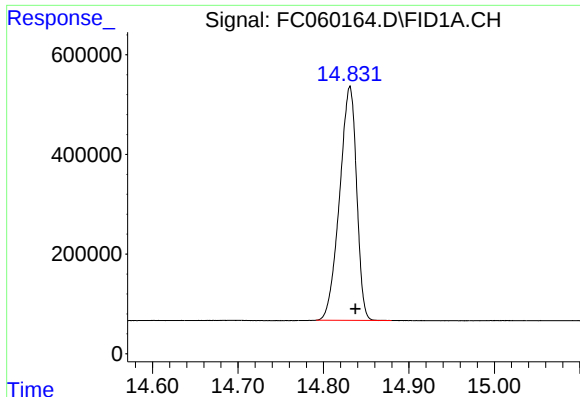
#13 n-Docosane (C22)

R.T.: 12.755 min
Delta R.T.: -0.006 min
Response: 6859857
Conc: 48.14 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.833 min
Delta R.T.: -0.006 min
Response: 8100186
Conc: 57.72 ug/ml m



#15 n-Hexacosane (C26)

R.T.: 14.831 min
Delta R.T.: -0.007 min
Response: 6496341
Conc: 47.97 ug/ml

Instrument :

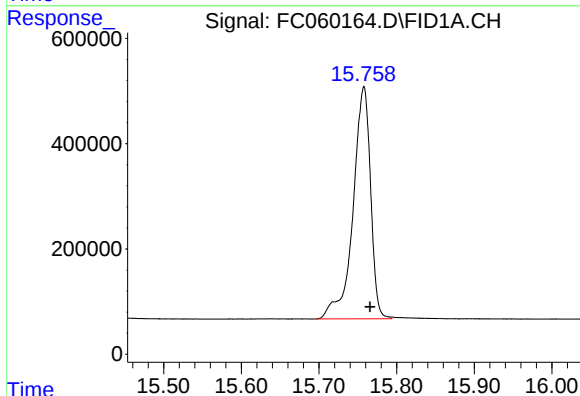
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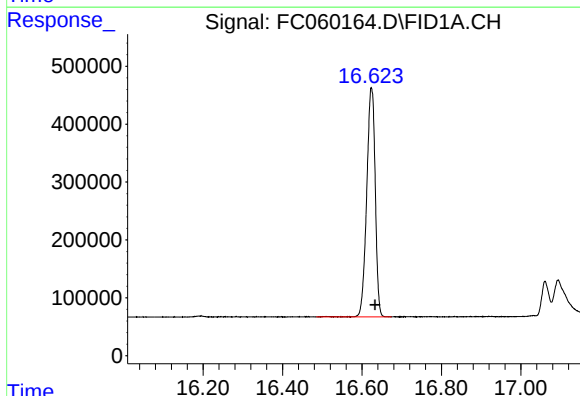
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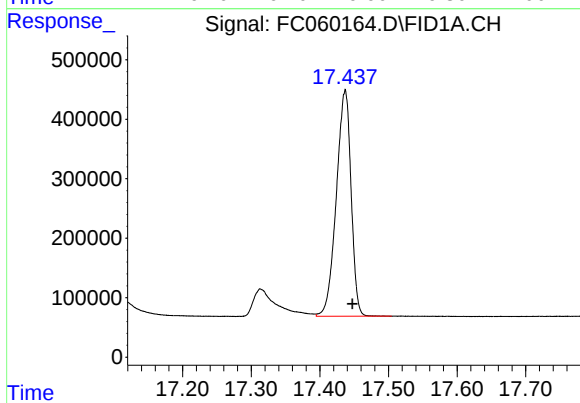
#16 n-Octacosane (C28)

R.T.: 15.758 min
Delta R.T.: -0.008 min
Response: 6928133
Conc: 53.20 ug/ml m



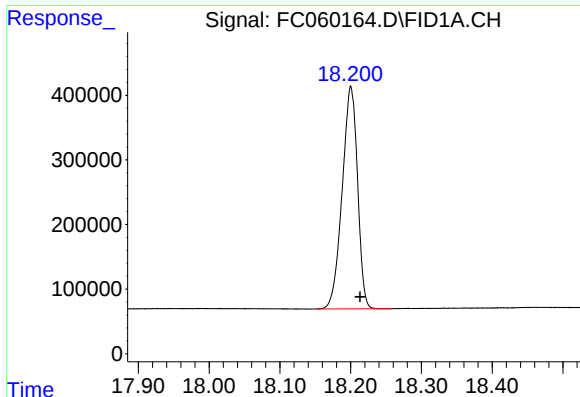
#17 n-Tricontane (C30)

R.T.: 16.624 min
Delta R.T.: -0.009 min
Response: 5887880
Conc: 48.09 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.437 min
Delta R.T.: -0.011 min
Response: 5675957
Conc: 50.91 ug/ml



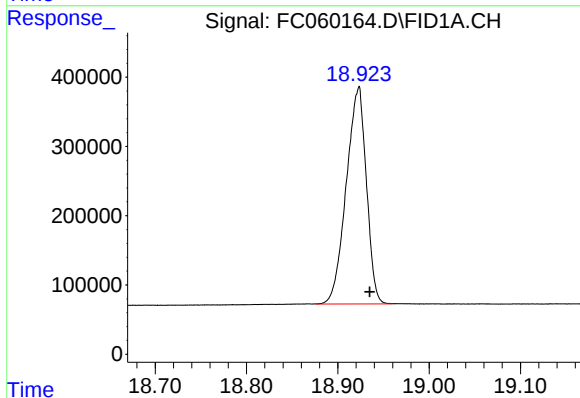
#19 n-Tetratriacontane (C34)

R.T.: 18.200 min
Delta R.T.: -0.013 min
Response: 5195571
Conc: 50.94 ug/ml

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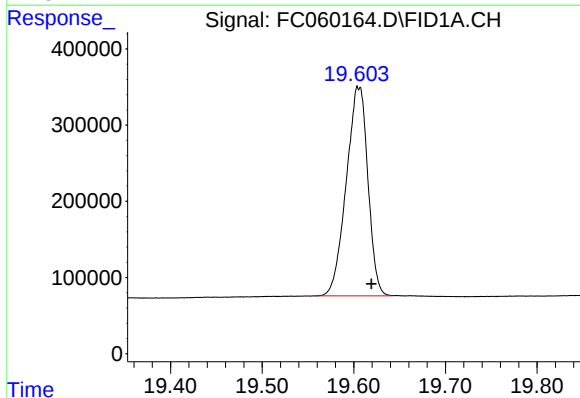
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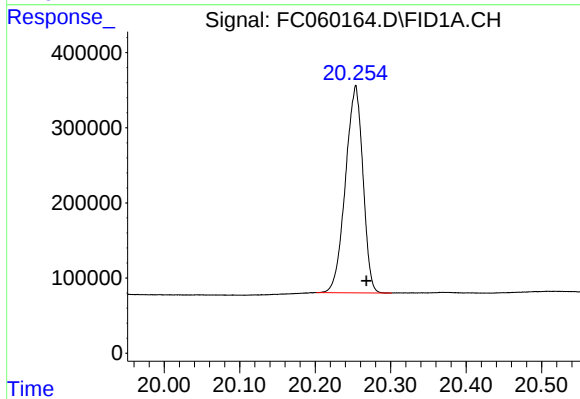
#20 n-Hexatriacontane (C36)

R.T.: 18.923 min
Delta R.T.: -0.012 min
Response: 4788460
Conc: 50.57 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.603 min
Delta R.T.: -0.016 min
Response: 4500666
Conc: 48.78 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.253 min
Delta R.T.: -0.015 min
Response: 4420650
Conc: 46.99 ug/ml