

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062322AL\
 Data File : FC060418.D
 Signal(s) : FID1A.CH
 Acq On : 23 Jun 2022 16:55
 Operator : UA/NP
 Sample : PB145777BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB145777BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2022
 Supervised By :Ankita Jodhani 06/24/2022

Integration File: autoint1.e
 Quant Time: Jun 24 01:20:25 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...	12.022	3179217	25.641 ug/ml
Spiked Amount 50.000		Recovery =	51.28%
Target Compounds			
1) T n-Nonane (C9)	2.623	2693046	21.042 ug/ml
2) T n-Decane (C10)	3.621	3567235	27.884 ug/ml
4) T n-Dodecane (C12)	5.576	4292321	32.199 ug/ml
6) T n-Tetradecane (C14)	7.330	4501276	32.973 ug/ml
7) T n-Hexadecane (C16)	8.895	4874399	34.741 ug/ml
8) T n-Octadecane (C18)	10.305	5305904	37.076 ug/ml
10) T n-Eicosane (C20)	11.587	5139987	36.027 ug/ml
11) T n-Heneicosane (C21)	12.187	5092209	35.526 ug/ml
13) T n-Docosane (C22)	12.760	4989543	35.015 ug/ml
14) T n-Tetracosane (C24)	13.839	4835948	34.461 ug/ml
15) T n-Hexacosane (C26)	14.837	4728266	34.917 ug/ml
16) T n-Octacosane (C28)	15.766	4569161	35.084 ug/ml
17) T n-Tricontane (C30)	16.635	4515463	36.883 ug/ml
18) T n-Dotriacontane (C32)	17.449	4569220	40.981 ug/ml
19) T n-Tetratriacontane (C34)	18.215	4253316	41.701 ug/ml
20) T n-Hexatriacontane (C36)	18.937	4028720	42.543 ug/ml
21) T n-Octatriacontane (C38)	19.621	3819352	41.397 ug/ml
22) T n-Tetracontane (C40)	20.270	3528554	37.504 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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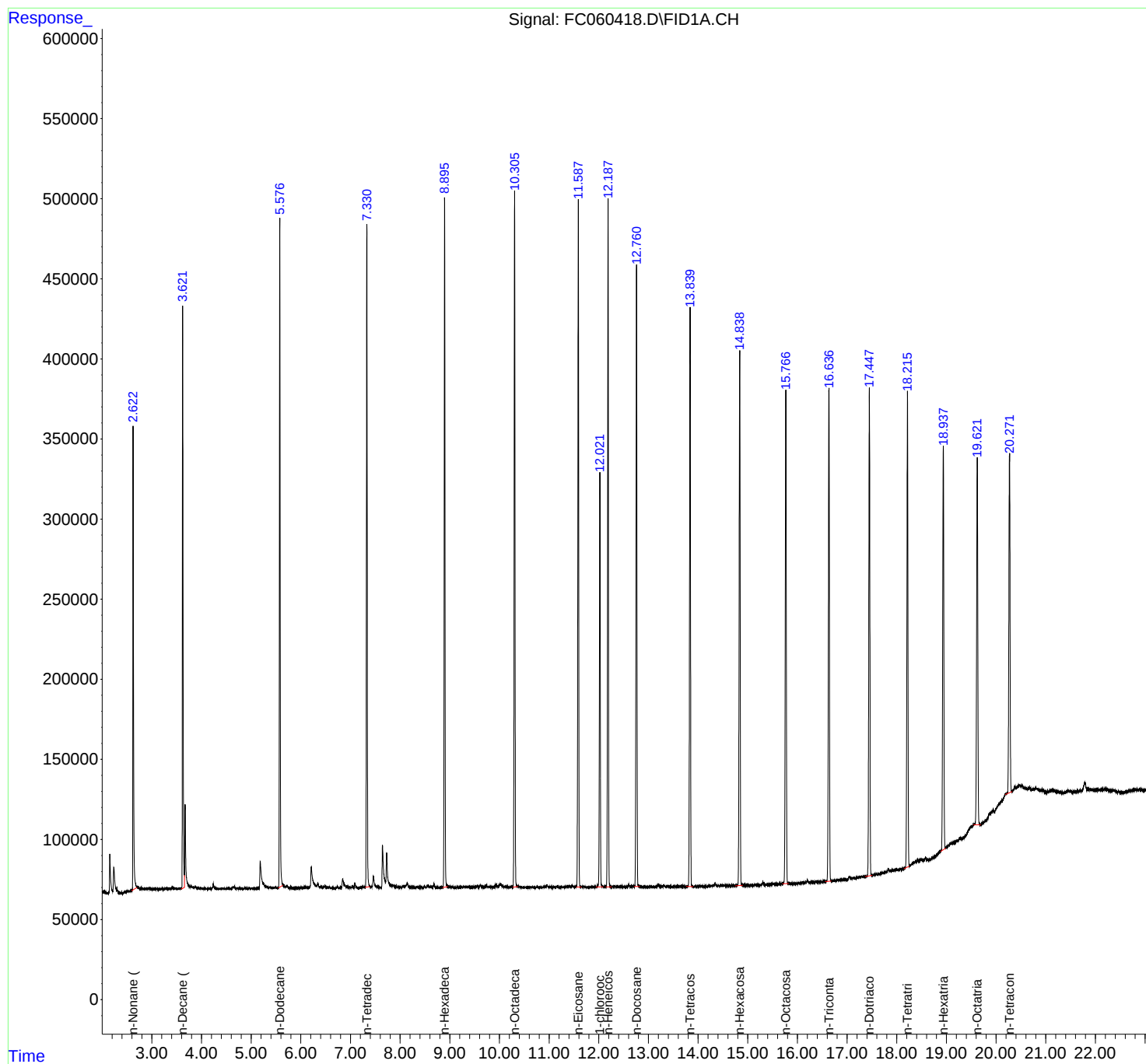
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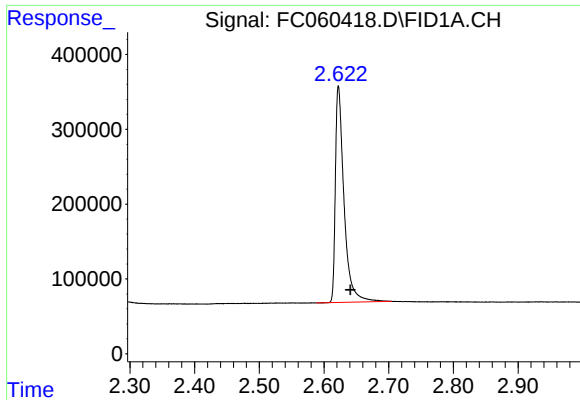
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#1 n-Nonane (C9)

R.T.: 2.623 min
Delta R.T.: -0.018 min
Response: 2693046
Conc: 21.04 ug/ml

Instrument :

FID_C

ClientSampleId :

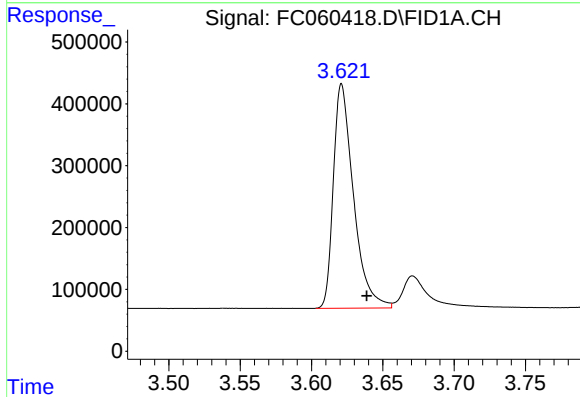
PB145777BSD

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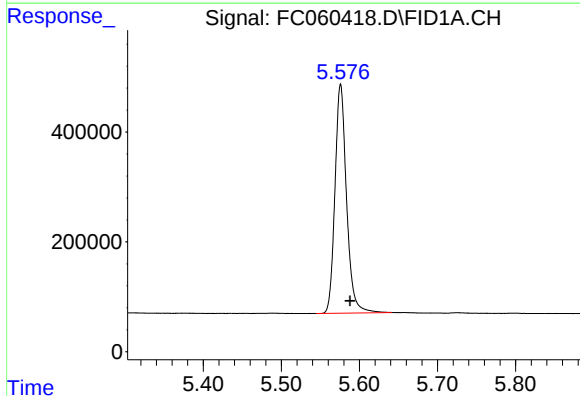
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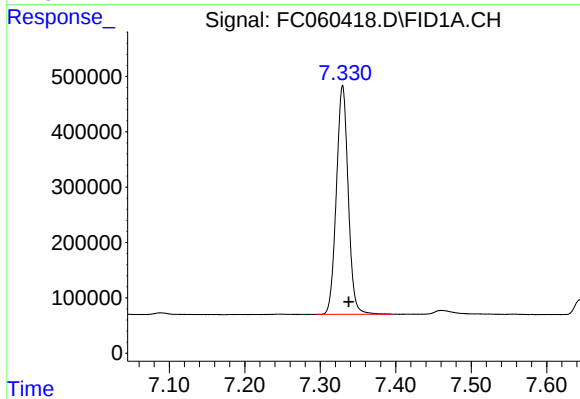
#2 n-Decane (C10)

R.T.: 3.621 min
Delta R.T.: -0.018 min
Response: 3567235
Conc: 27.88 ug/ml m



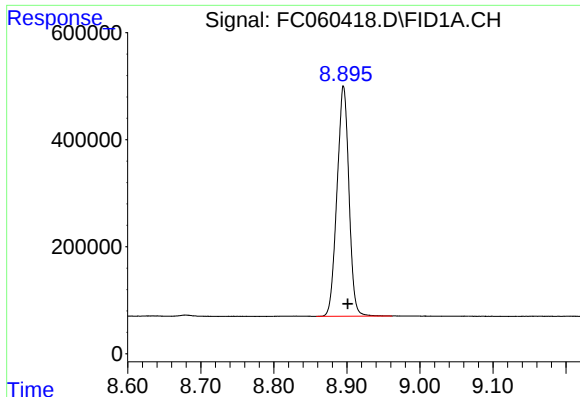
#4 n-Dodecane (C12)

R.T.: 5.576 min
Delta R.T.: -0.012 min
Response: 4292321
Conc: 32.20 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.330 min
Delta R.T.: -0.008 min
Response: 4501276
Conc: 32.97 ug/ml



#7 n-Hexadecane (C16)

R.T.: 8.895 min
Delta R.T.: -0.006 min
Response: 4874399
Conc: 34.74 ug/ml

Instrument :

FID_C

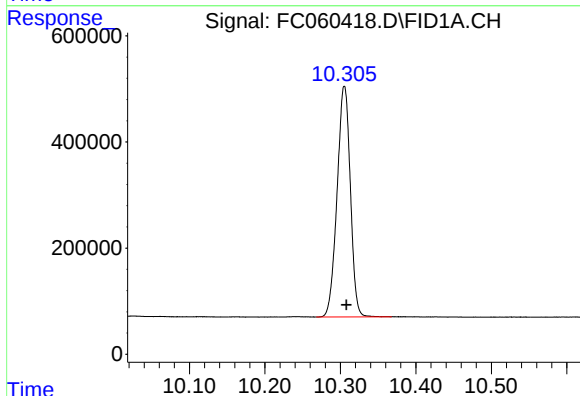
ClientSampleId :

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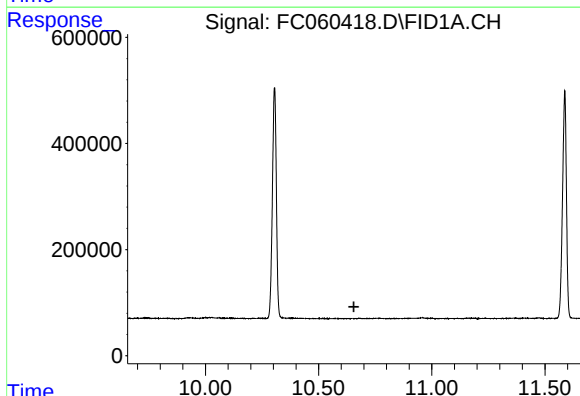
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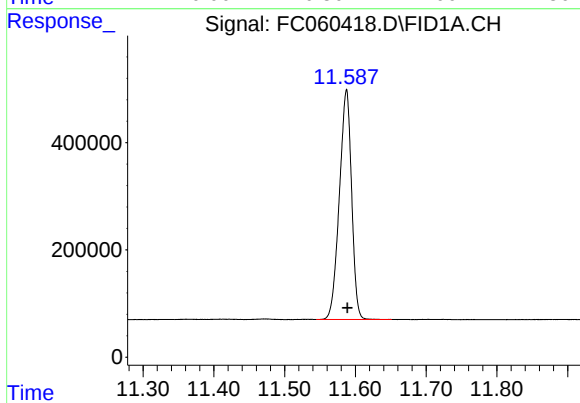
#8 n-Octadecane (C18)

R.T.: 10.305 min
Delta R.T.: -0.003 min
Response: 5305904
Conc: 37.08 ug/ml



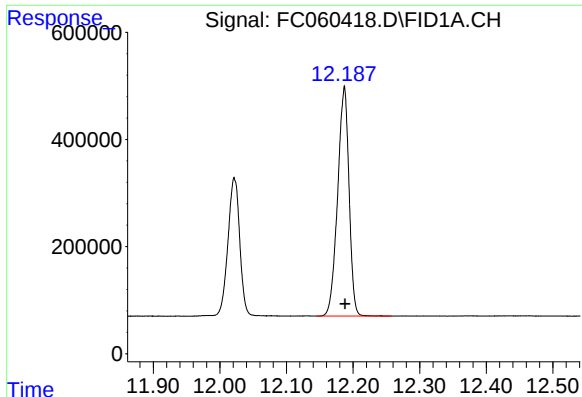
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 11.587 min
Delta R.T.: -0.002 min
Response: 5139987
Conc: 36.03 ug/ml



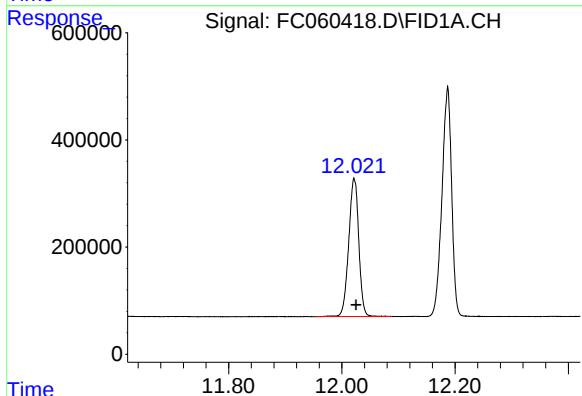
#11 n-Heneicosane (C21)

R.T.: 12.187 min
Delta R.T.: -0.001 min
Response: 5092209
Conc: 35.53 ug/ml

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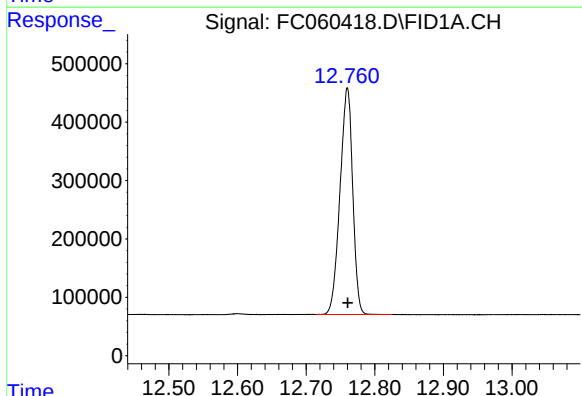
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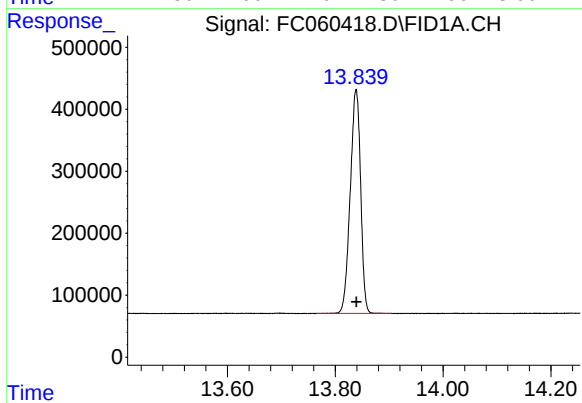
#12 1-chlorooctadecane (SURR)

R.T.: 12.022 min
Delta R.T.: -0.003 min
Response: 3179217
Conc: 25.64 ug/ml



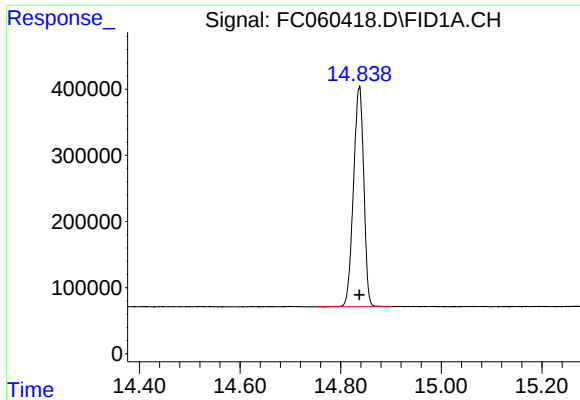
#13 n-Docosane (C22)

R.T.: 12.760 min
Delta R.T.: 0.000 min
Response: 4989543
Conc: 35.01 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.839 min
Delta R.T.: 0.000 min
Response: 4835948
Conc: 34.46 ug/ml



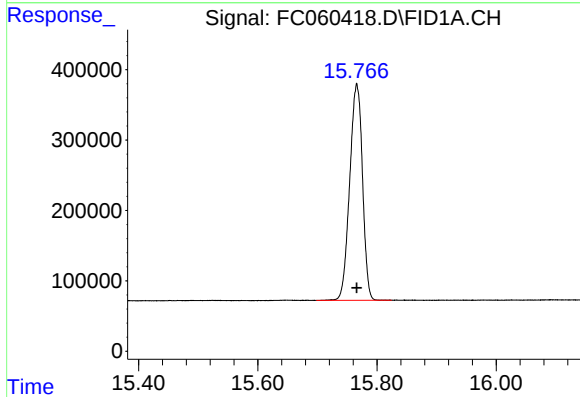
#15 n-Hexacosane (C26)

R.T.: 14.837 min
Delta R.T.: 0.000 min
Response: 4728266
Conc: 34.92 ug/ml

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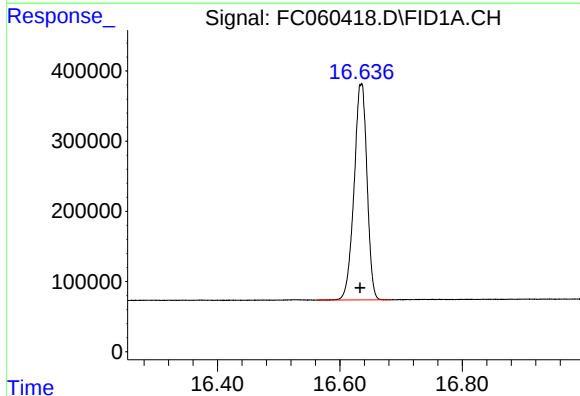
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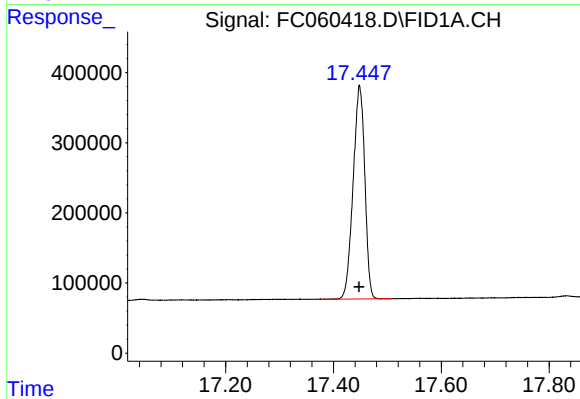
#16 n-Octacosane (C28)

R.T.: 15.766 min
Delta R.T.: 0.000 min
Response: 4569161
Conc: 35.08 ug/ml



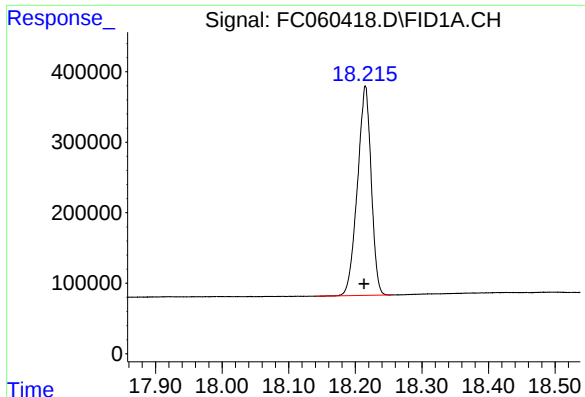
#17 n-Tricontane (C30)

R.T.: 16.635 min
Delta R.T.: 0.002 min
Response: 4515463
Conc: 36.88 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.449 min
Delta R.T.: 0.001 min
Response: 4569220
Conc: 40.98 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 18.215 min
Delta R.T.: 0.002 min
Response: 4253316
Conc: 41.70 ug/ml

Instrument :

FID_C

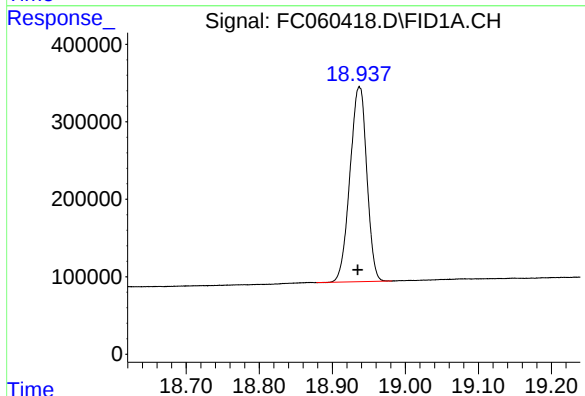
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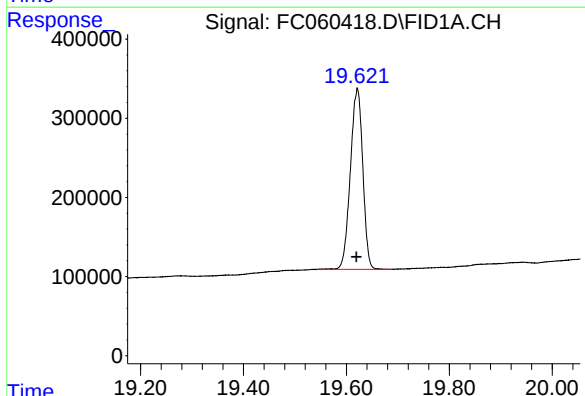
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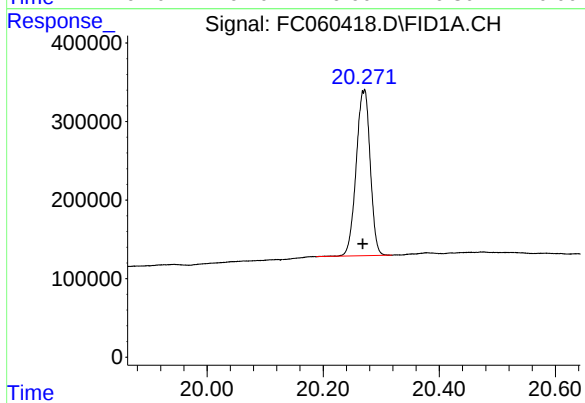
#20 n-Hexatriacontane (C36)

R.T.: 18.937 min
Delta R.T.: 0.002 min
Response: 4028720
Conc: 42.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.621 min
Delta R.T.: 0.002 min
Response: 3819352
Conc: 41.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.270 min
Delta R.T.: 0.002 min
Response: 3528554
Conc: 37.50 ug/ml