

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022124AL\
 Data File : FC065801.D
 Signal(s) : FID1A.ch
 Acq On : 21 Feb 2024 10:20
 Operator : YP/AJ
 Sample : PB159132BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB159132BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/22/2024
 Supervised By :Ankita Jodhani 02/22/2024

Integration File: autoint1.e
 Quant Time: Feb 22 03:27:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:26:08 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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...	12.930	6405677	50.899 ug/ml
Spiked Amount 50.000		Recovery =	101.80%
Target Compounds			
1) T n-Nonane (C9)	3.289	4062206	27.039 ug/ml
2) T n-Decane (C10)	4.352	5197031	34.181 ug/ml
4) T n-Dodecane (C12)	6.365	6160174	40.249 ug/ml
6) T n-Tetradecane (C14)	8.155	6653841	44.817 ug/ml
7) T n-Hexadecane (C16)	9.749	7252473	48.361 ug/ml
8) T n-Octadecane (C18)	11.185	7706326	49.959 ug/ml
10) T n-Eicosane (C20)	12.489	8092577	53.815 ug/ml
11) T n-Heneicosane (C21)	13.098	8099390	54.156 ug/ml
13) T n-Docosane (C22)	13.680	8065597	54.376 ug/ml
14) T n-Tetracosane (C24)	14.777	8069965	54.276 ug/ml
15) T n-Hexacosane (C26)	15.794	8092278	54.608 ug/ml
16) T n-Octacosane (C28)	16.739	8123755	55.365 ug/ml
17) T n-Tricontane (C30)	17.620	8273329	55.113 ug/ml
18) T n-Dotriacontane (C32)	18.449	8207652	55.500 ug/ml
19) T n-Tetratriacontane (C34)	19.229	7951260	54.858 ug/ml
20) T n-Hexatriacontane (C36)	19.962	7493703	52.793 ug/mlm
21) T n-Octatriacontane (C38)	20.681	7360751	52.001 ug/mlm
22) T n-Tetracontane (C40)	21.554	7088926	50.821 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 7 Sample Multiplier: 1

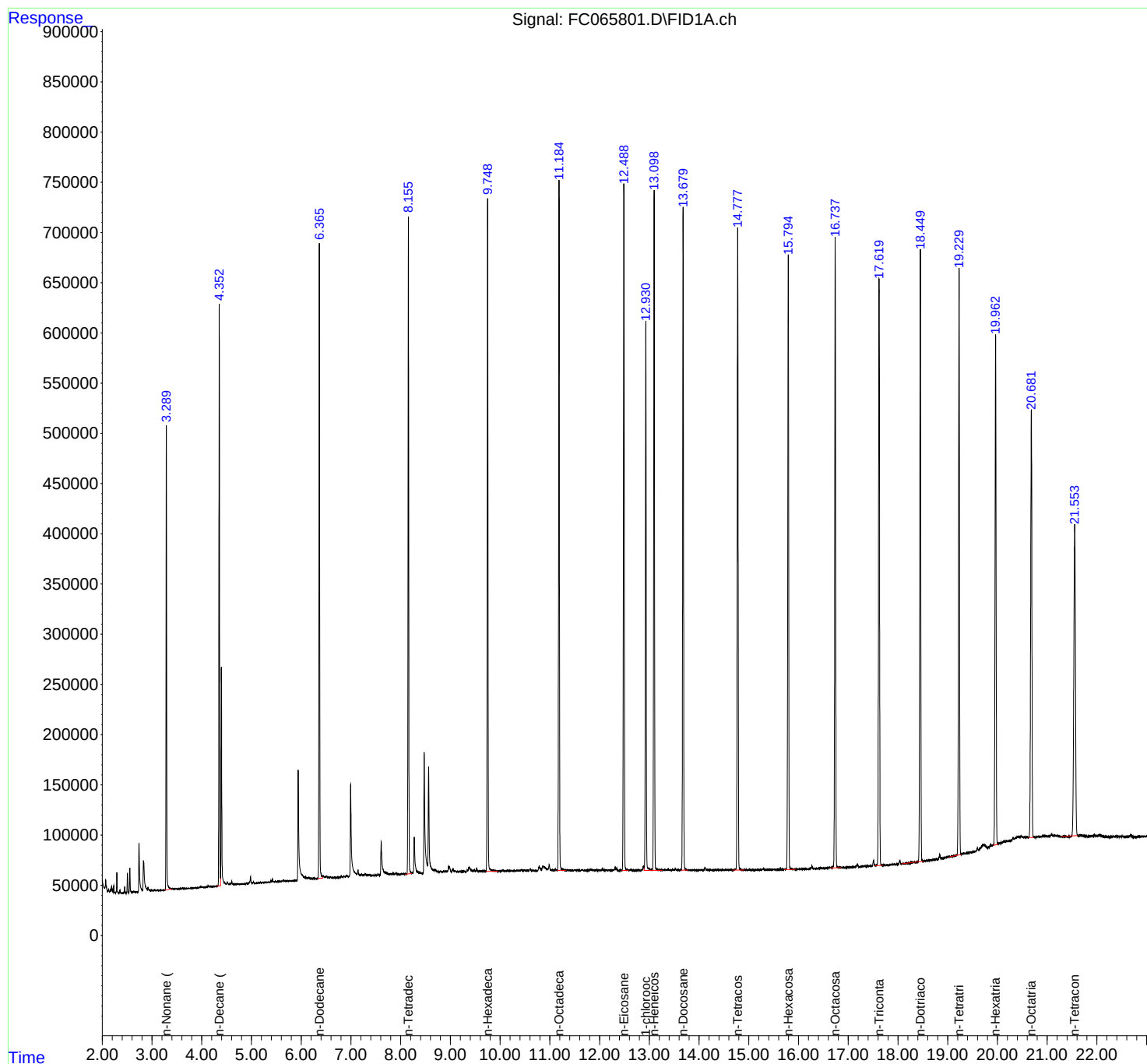
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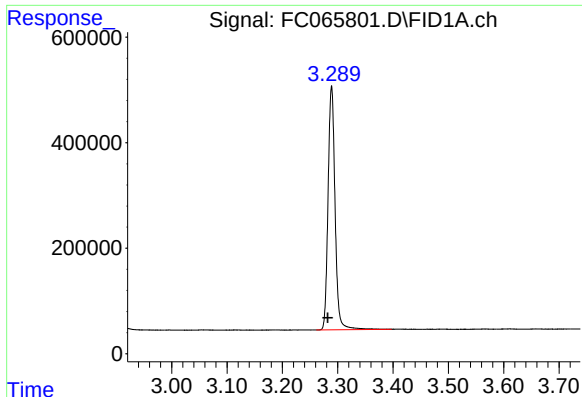
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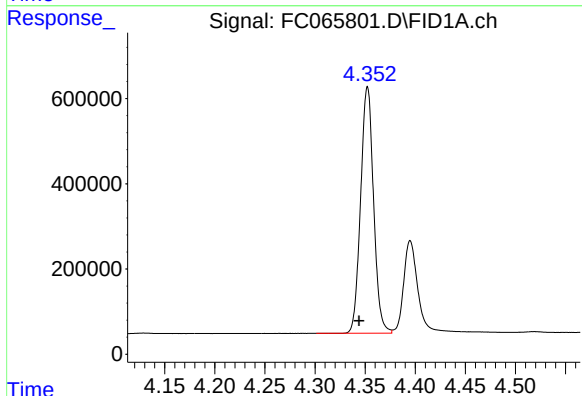
#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: 0.007 min
Response: 4062206
Conc: 27.04 ug/ml

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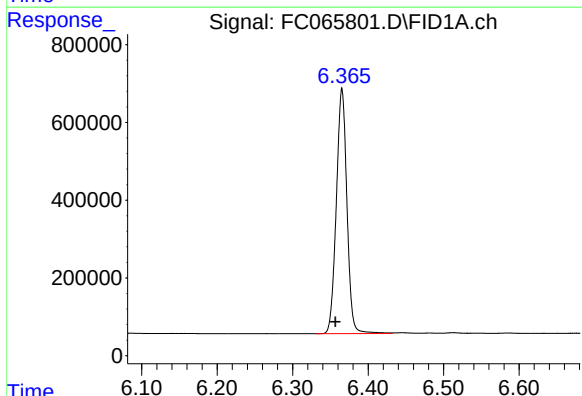
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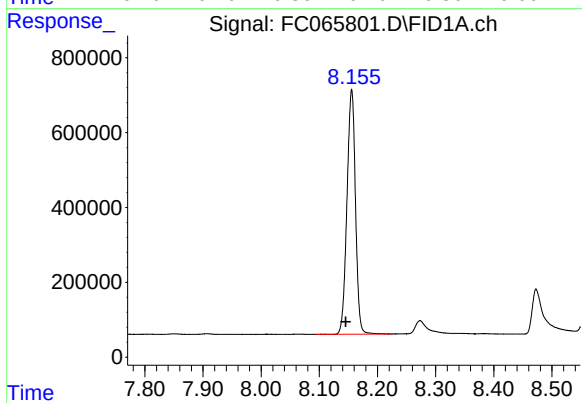
#2 n-Decane (C10)

R.T.: 4.352 min
Delta R.T.: 0.008 min
Response: 5197031
Conc: 34.18 ug/ml



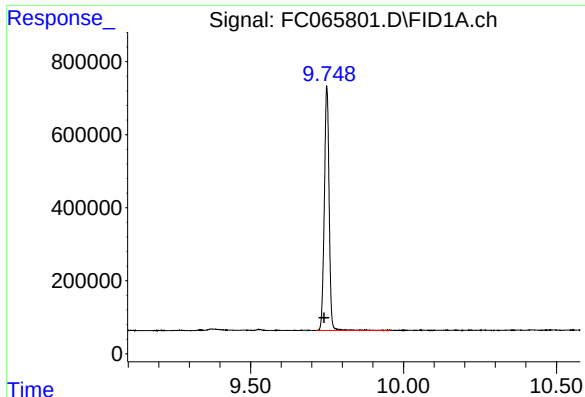
#4 n-Dodecane (C12)

R.T.: 6.365 min
Delta R.T.: 0.008 min
Response: 6160174
Conc: 40.25 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.155 min
Delta R.T.: 0.010 min
Response: 6653841
Conc: 44.82 ug/ml



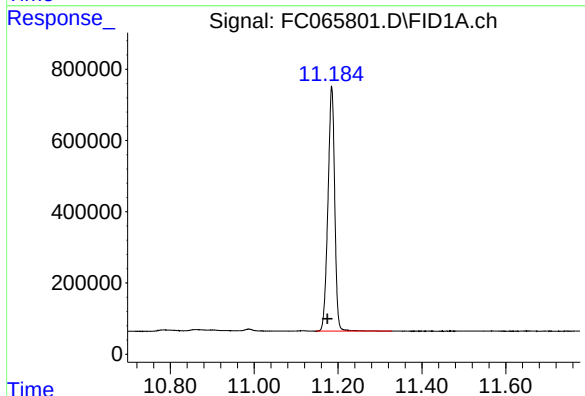
#7 n-Hexadecane (C16)

R.T.: 9.749 min
Delta R.T.: 0.009 min
Response: 7252473
Conc: 48.36 ug/ml

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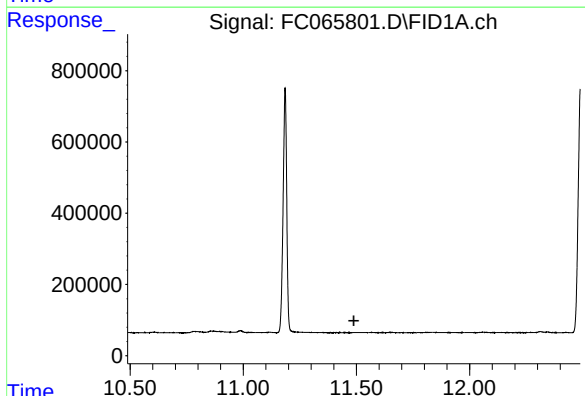
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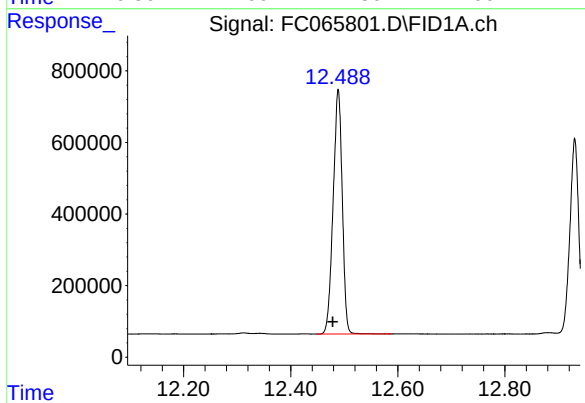
#8 n-Octadecane (C18)

R.T.: 11.185 min
Delta R.T.: 0.010 min
Response: 7706326
Conc: 49.96 ug/ml



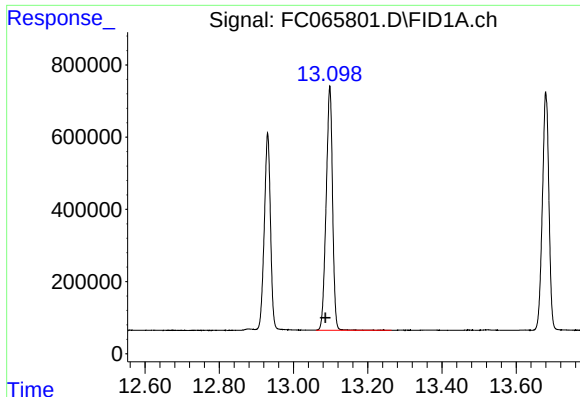
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.489 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.489 min
Delta R.T.: 0.011 min
Response: 8092577
Conc: 53.81 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.098 min
Delta R.T.: 0.011 min
Response: 8099390
Conc: 54.16 ug/ml

Instrument :

FID_C

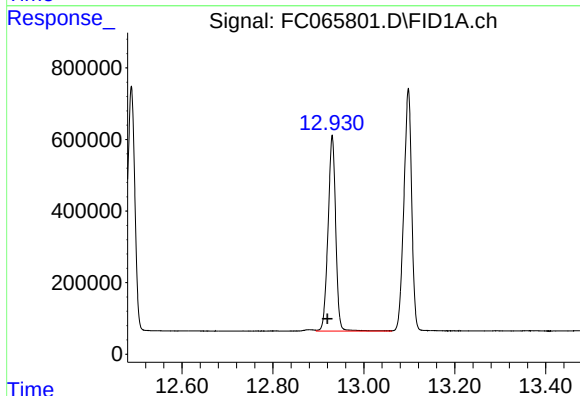
ClientSampleId :

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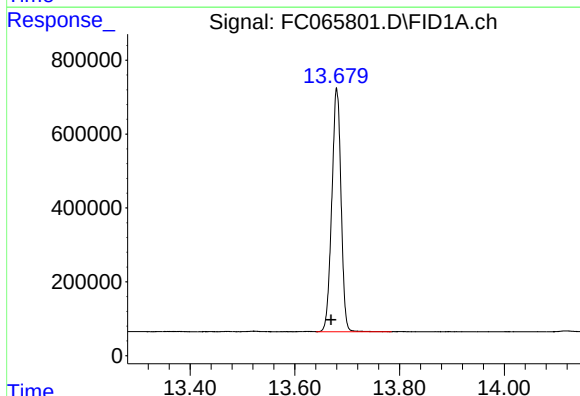
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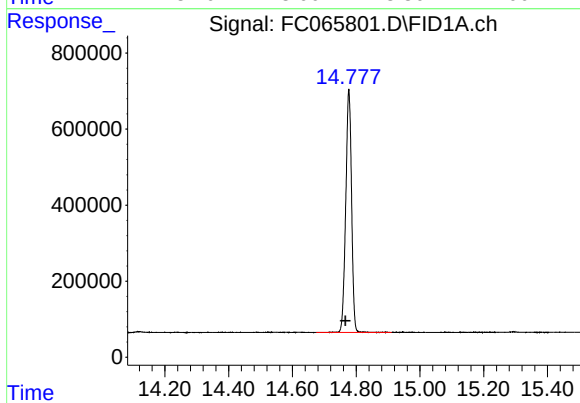
#12 1-chlorooctadecane (SURR)

R.T.: 12.930 min
Delta R.T.: 0.010 min
Response: 6405677
Conc: 50.90 ug/ml



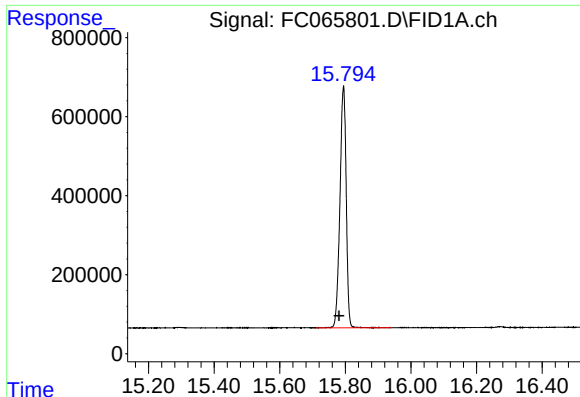
#13 n-Docosane (C22)

R.T.: 13.680 min
Delta R.T.: 0.011 min
Response: 8065597
Conc: 54.38 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.777 min
Delta R.T.: 0.011 min
Response: 8069965
Conc: 54.28 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.794 min
Delta R.T.: 0.013 min
Response: 8092278
Conc: 54.61 ug/ml

Instrument :

FID_C

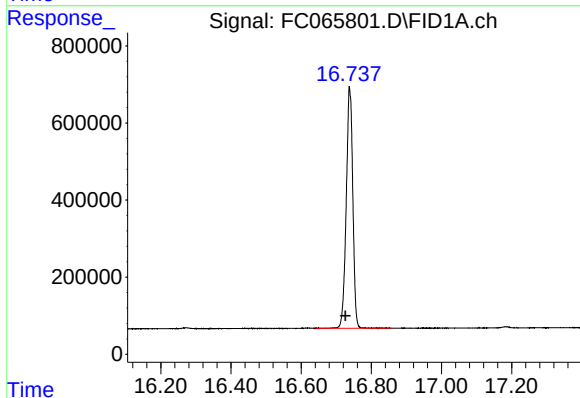
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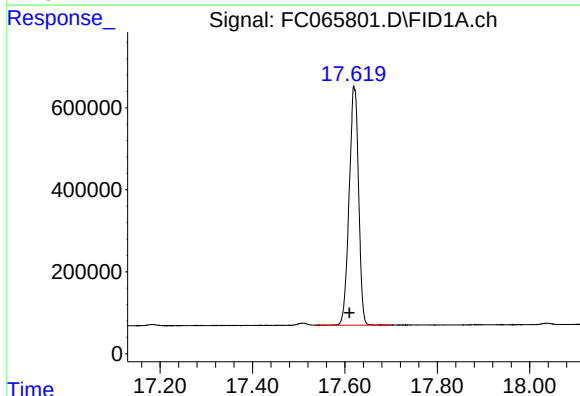
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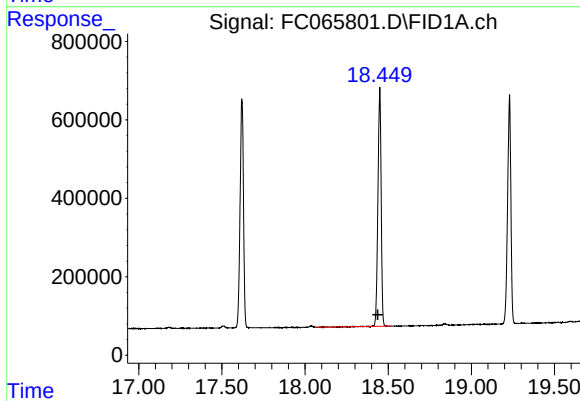
#16 n-Octacosane (C28)

R.T.: 16.739 min
Delta R.T.: 0.013 min
Response: 8123755
Conc: 55.37 ug/ml



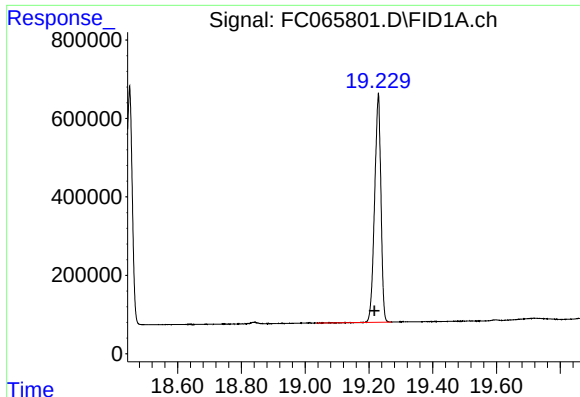
#17 n-Tricontane (C30)

R.T.: 17.620 min
Delta R.T.: 0.011 min
Response: 8273329
Conc: 55.11 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.449 min
Delta R.T.: 0.011 min
Response: 8207652
Conc: 55.50 ug/ml



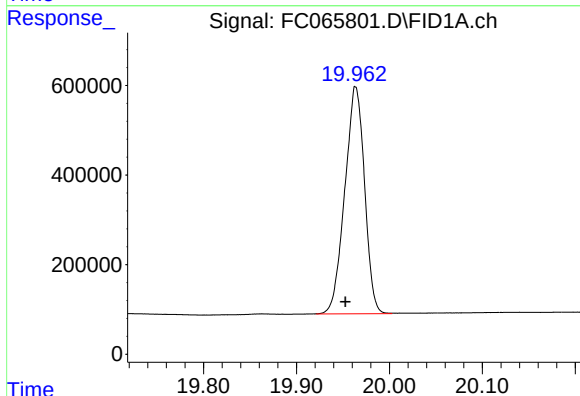
#19 n-Tetratriacontane (C34)

R.T.: 19.229 min
Delta R.T.: 0.011 min
Response: 7951260
Conc: 54.86 ug/ml

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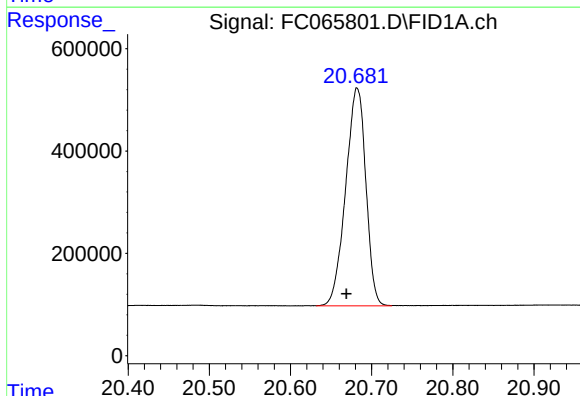
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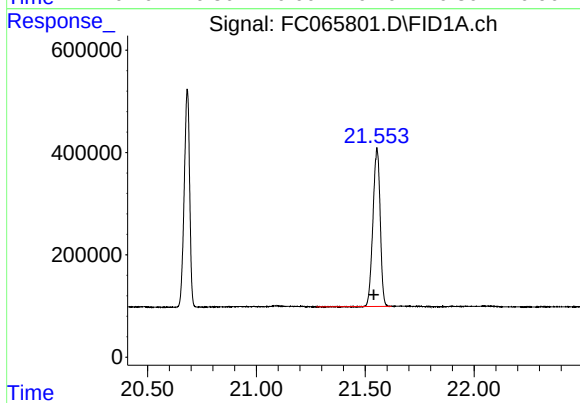
#20 n-Hexatriacontane (C36)

R.T.: 19.962 min
Delta R.T.: 0.010 min
Response: 7493703
Conc: 52.79 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.681 min
Delta R.T.: 0.012 min
Response: 7360751
Conc: 52.00 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.554 min
Delta R.T.: 0.015 min
Response: 7088926
Conc: 50.82 ug/ml