

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060324AL\
 Data File : FC066510.D
 Signal(s) : FID1A.ch
 Acq On : 03 Jun 2024 10:13
 Operator : YP/AJ
 Sample : PB161233BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB161233BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/04/2024
 Supervised By :Ankita Jodhani 06/04/2024

Integration File: autoint1.e
 Quant Time: Jun 04 04:05:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 12:26:07 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			
9) S ortho-Terphenyl (SURR)	11.559	5517415	36.300 ug/ml
Spiked Amount 50.000		Recovery =	72.60%
12) S 1-chlorooctadecane (S...	12.997	4394351	38.456 ug/ml
Spiked Amount 50.000		Recovery =	76.91%
Target Compounds			
1) T n-Nonane (C9)	3.327	5140846	36.732 ug/ml
2) T n-Decane (C10)	4.389	5421696	37.681 ug/ml
3) T A~Naphthalene (C11.7)	5.967	6371854	39.986 ug/ml
4) T n-Dodecane (C12)	6.403	5377812	37.347 ug/ml
5) T A~2-methylnaphthalene...	7.024	6339343	41.335 ug/ml
6) T n-Tetradecane (C14)	8.200	5565695	39.425 ug/ml
7) T n-Hexadecane (C16)	9.801	5633980	39.202 ug/ml
8) T n-Octadecane (C18)	11.244	5598696	39.123 ug/ml
10) T n-Eicosane (C20)	12.555	5598391	41.145 ug/ml
11) T n-Heneicosane (C21)	13.166	5397756	40.492 ug/ml
13) T n-Docosane (C22)	13.752	5338208	40.503 ug/ml
14) T n-Tetracosane (C24)	14.855	4854234	37.290 ug/ml
15) T n-Hexacosane (C26)	15.878	5125201	40.299 ug/ml
16) T n-Octacosane (C28)	16.827	5036292	40.567 ug/ml
17) T n-Tricontane (C30)	17.715	4983336	39.542 ug/ml
18) T n-Dotriacontane (C32)	18.547	4833462	39.271 ug/ml
19) T n-Tetratriacontane (C34)	19.331	4426443	36.910 ug/mlm
20) T n-Hexatriacontane (C36)	20.069	3582560	29.570 ug/ml
21) T n-Octatriacontane (C38)	20.803	2981480	25.773 ug/ml
22) T n-Tetracontane (C40)	21.714	2595162	21.186 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060324AL\
Data File : FC066510.D
Signal(s) : FID1A.ch
Acq On : 03 Jun 2024 10:13
Operator : YP/AJ
Sample : PB161233BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

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Integration File: autoint1.e

Quant Time: Jun 04 04:05:28 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M

Quant Title : GC Extractables

QLast Update : Tue May 28 12:26:07 2024

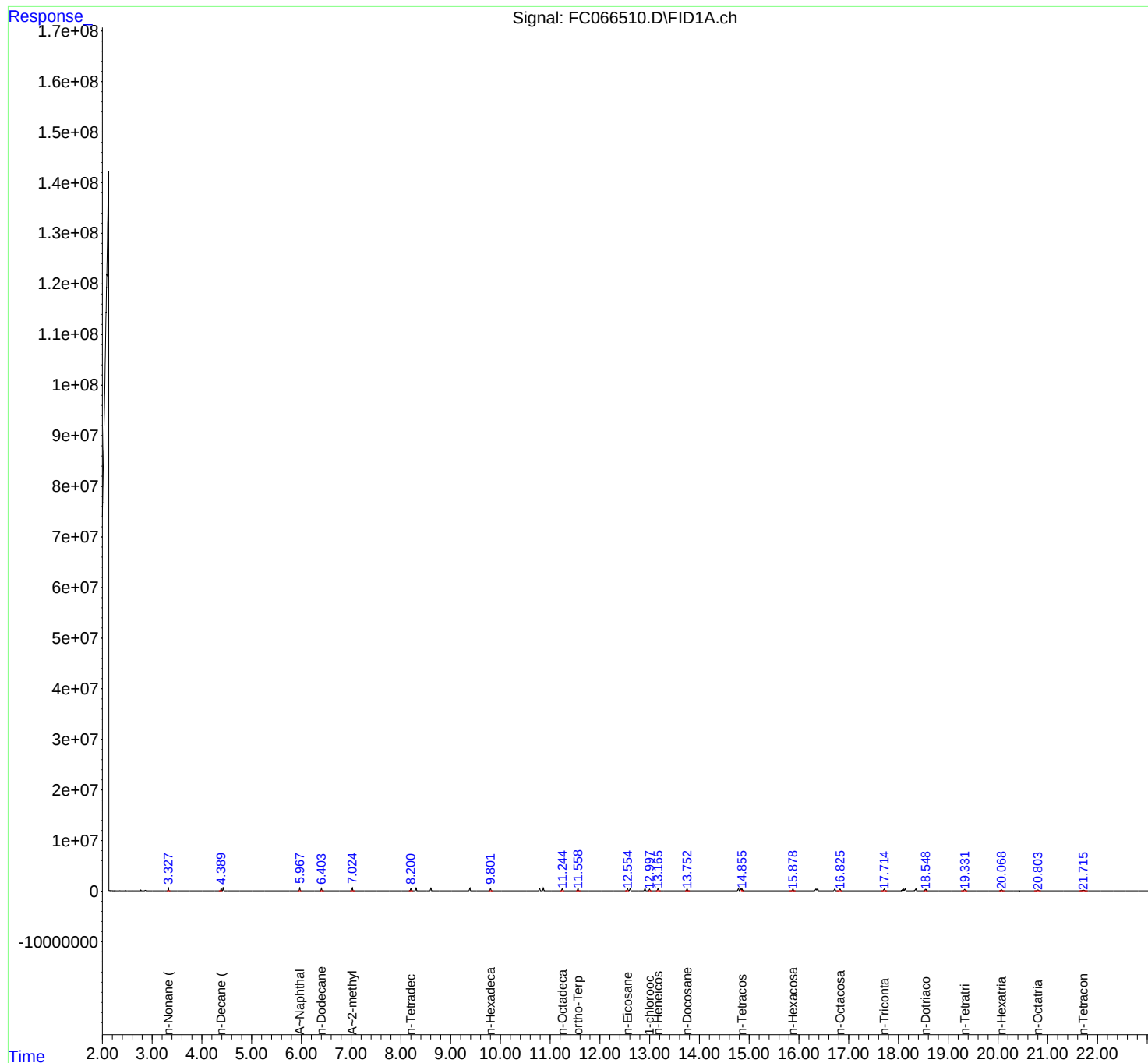
Response via : Initial Calibration

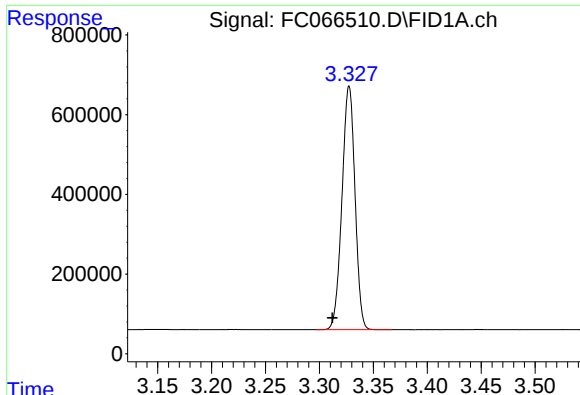
Integrator: ChemStation

Volume Inj. : 1 u1

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.327 min
Delta R.T.: 0.015 min
Response: 5140846
Conc: 36.73 ug/ml

Instrument :

FID_C

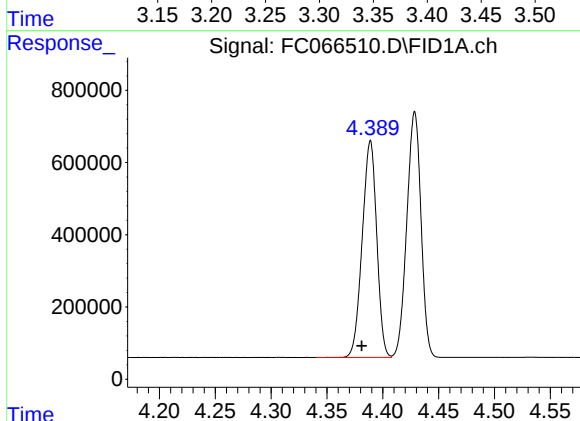
ClientSampleId :

PB161233BS

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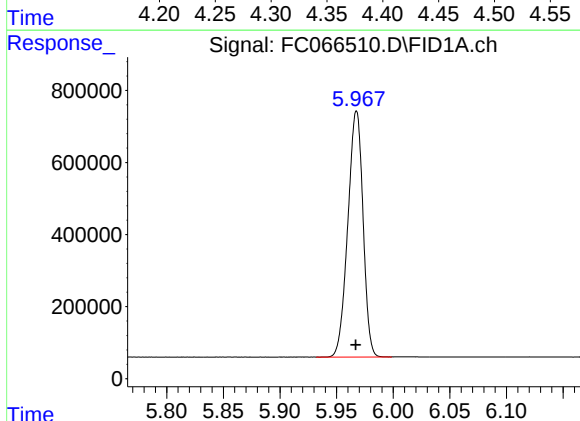
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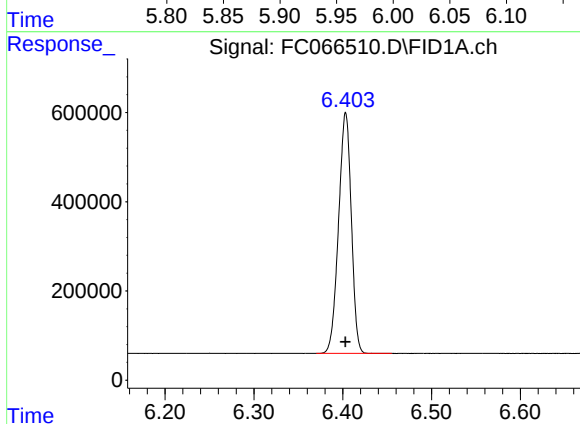
#2 n-Decane (C10)

R.T.: 4.389 min
Delta R.T.: 0.007 min
Response: 5421696
Conc: 37.68 ug/ml



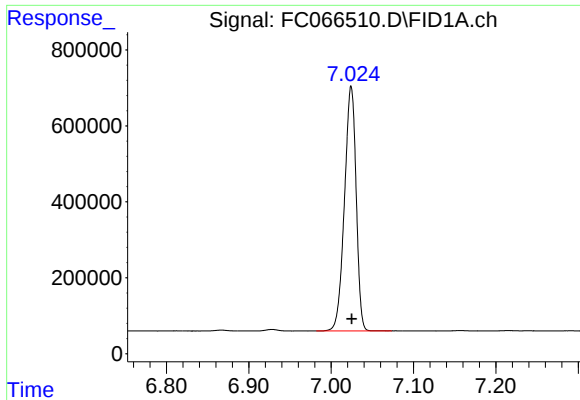
#3 A~Naphthalene (C11.7)

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 6371854
Conc: 39.99 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 5377812
Conc: 37.35 ug/ml



#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.024 min
Delta R.T.: -0.001 min
Response: 6339343
Conc: 41.34 ug/ml

Instrument :

FID_C

ClientSampleId :

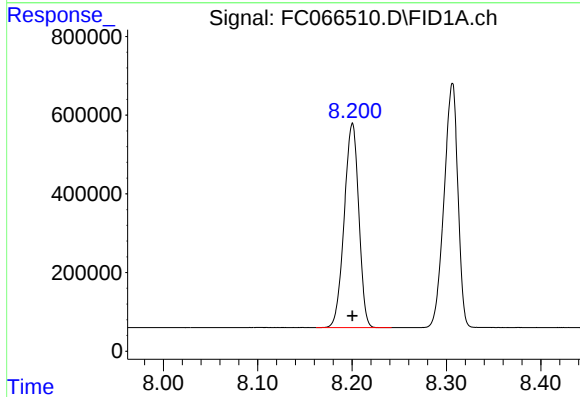
PB161233BS

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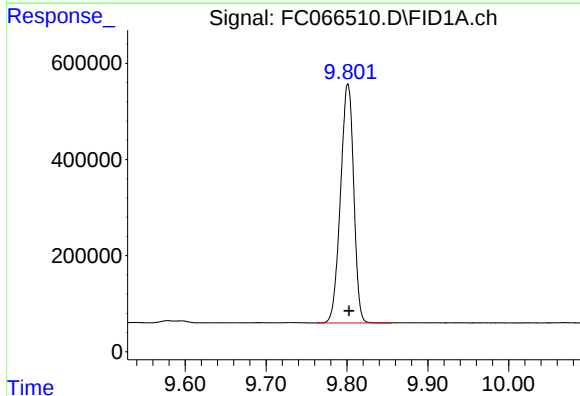
Reviewed By :Yogesh Patel 06/04/2024

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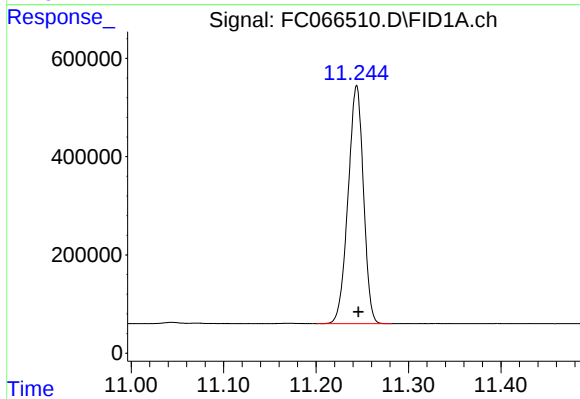
#6 n-Tetradecane (C14)

R.T.: 8.200 min
Delta R.T.: 0.000 min
Response: 5565695
Conc: 39.42 ug/ml



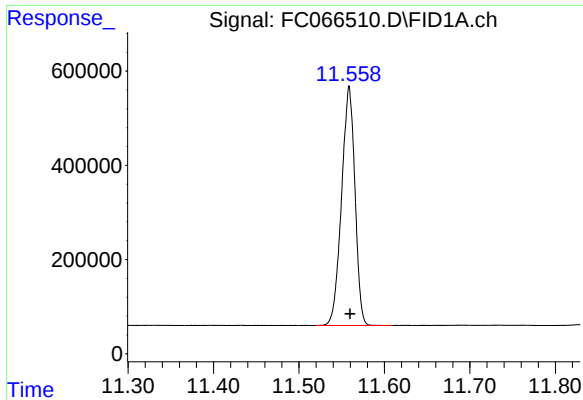
#7 n-Hexadecane (C16)

R.T.: 9.801 min
Delta R.T.: -0.001 min
Response: 5633980
Conc: 39.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.244 min
Delta R.T.: -0.002 min
Response: 5598696
Conc: 39.12 ug/ml



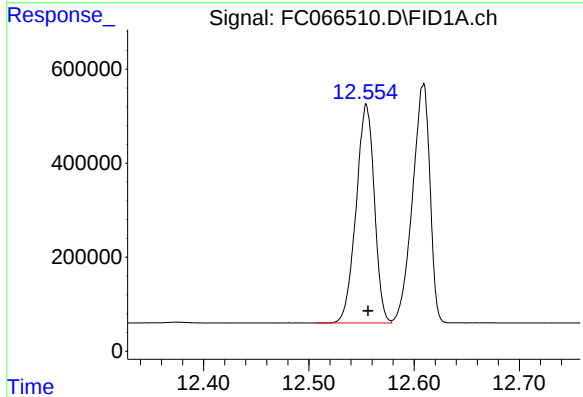
#9 ortho-Terphenyl (SURR)

R.T.: 11.559 min
Delta R.T.: -0.001 min
Response: 5517415
Conc: 36.30 ug/ml

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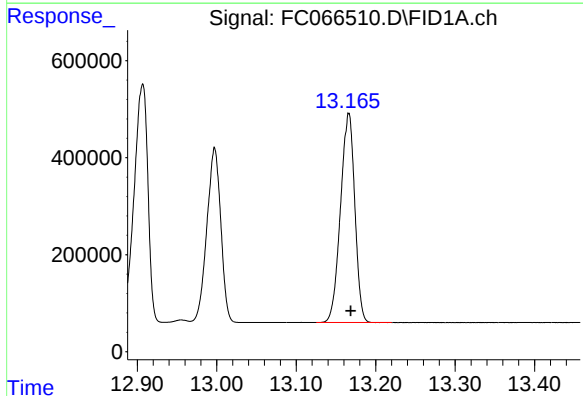
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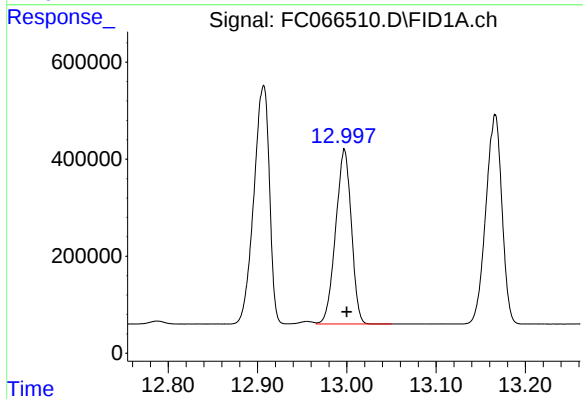
#10 n-Eicosane (C20)

R.T.: 12.555 min
Delta R.T.: -0.002 min
Response: 5598391
Conc: 41.15 ug/ml



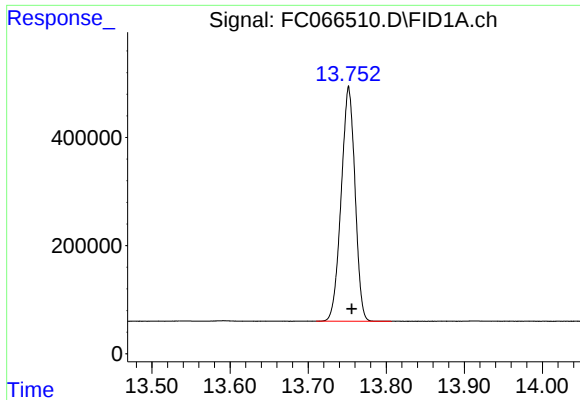
#11 n-Heneicosane (C21)

R.T.: 13.166 min
Delta R.T.: -0.003 min
Response: 5397756
Conc: 40.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.997 min
Delta R.T.: -0.003 min
Response: 4394351
Conc: 38.46 ug/ml



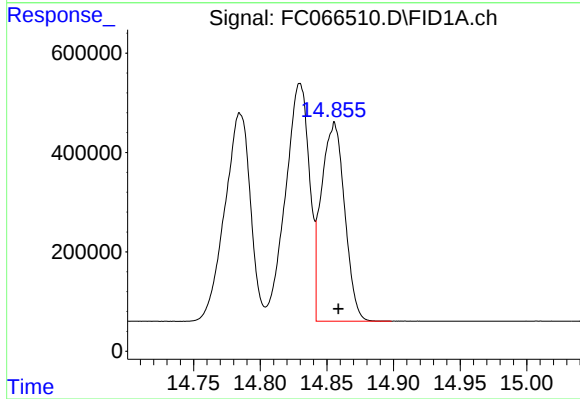
#13 n-Docosane (C22)

R.T.: 13.752 min
Delta R.T.: -0.004 min
Response: 5338208
Conc: 40.50 ug/ml

Instrument :
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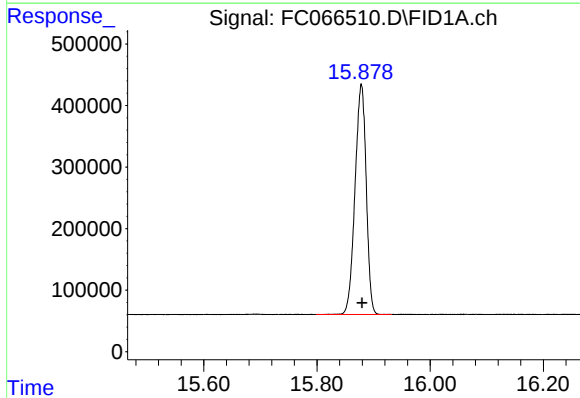
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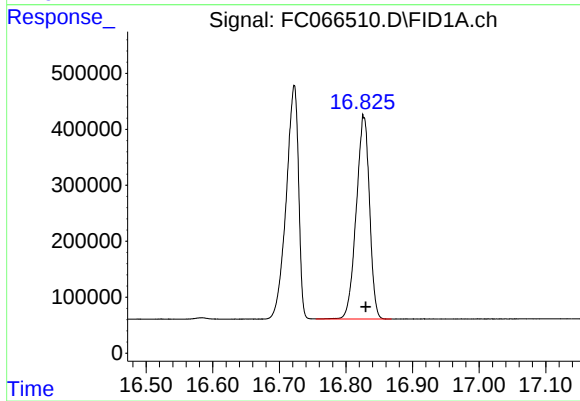
#14 n-Tetracosane (C24)

R.T.: 14.855 min
Delta R.T.: -0.004 min
Response: 4854234
Conc: 37.29 ug/ml



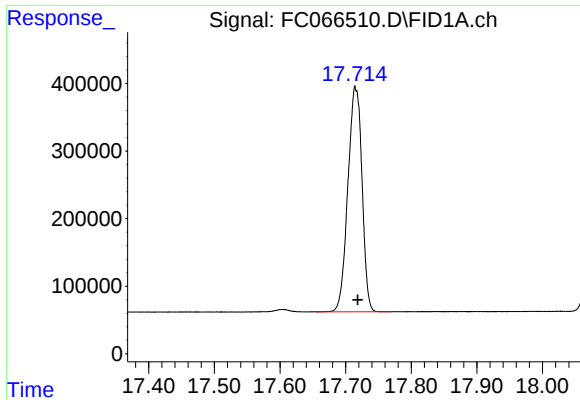
#15 n-Hexacosane (C26)

R.T.: 15.878 min
Delta R.T.: -0.002 min
Response: 5125201
Conc: 40.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.827 min
Delta R.T.: -0.003 min
Response: 5036292
Conc: 40.57 ug/ml



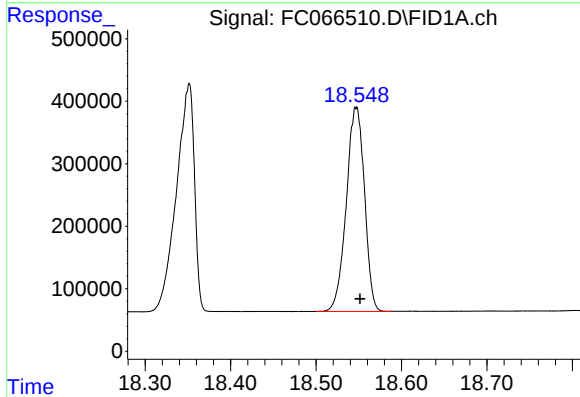
#17 n-Tricontane (C30)

R.T.: 17.715 min
Delta R.T.: -0.003 min
Response: 4983336
Conc: 39.54 ug/ml

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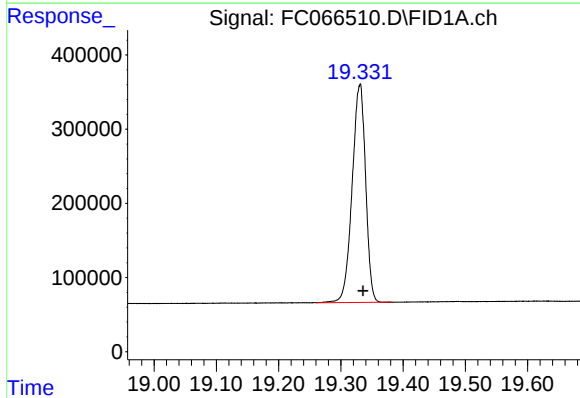
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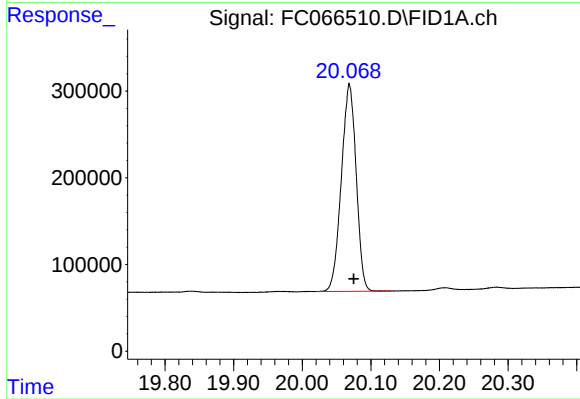
#18 n-Dotriacontane (C32)

R.T.: 18.547 min
Delta R.T.: -0.005 min
Response: 4833462
Conc: 39.27 ug/ml



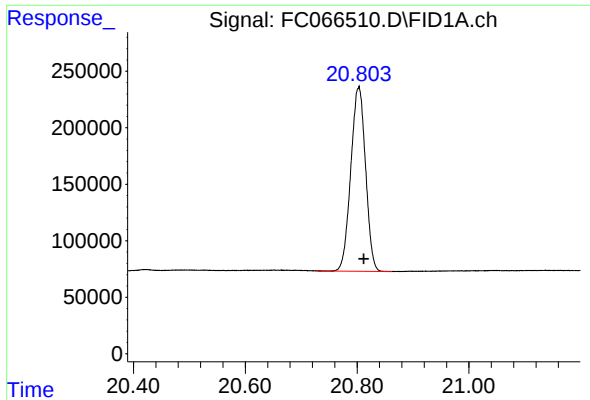
#19 n-Tetratriacontane (C34)

R.T.: 19.331 min
Delta R.T.: -0.005 min
Response: 4426443
Conc: 36.91 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.069 min
Delta R.T.: -0.007 min
Response: 3582560
Conc: 29.57 ug/ml



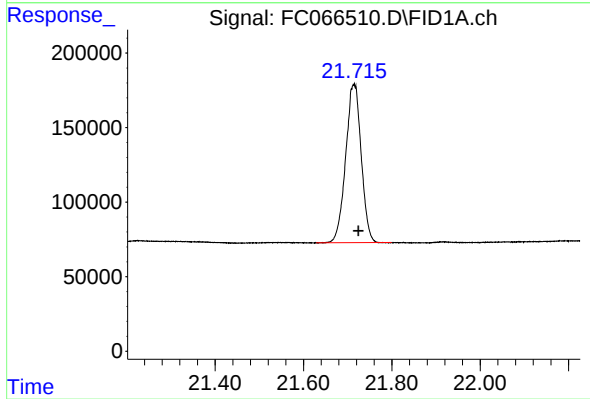
#21 n-Octatriacontane (C38)

R.T.: 20.803 min
Delta R.T.: -0.009 min
Response: 2981480
Conc: 25.77 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.714 min
Delta R.T.: -0.010 min
Response: 2595162
Conc: 21.19 ug/ml