

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081222AL\
 Data File : FC061100.D
 Signal(s) : FID1A.ch
 Acq On : 12 Aug 2022 20:01
 Operator : YP/AJ
 Sample : PB146956BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB146956BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/15/2022
 Supervised By :Ankita Jodhani 08/15/2022

Integration File: autoint1.e
 Quant Time: Aug 14 22:23:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 2022
 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)	10.637	6974702	42.500 ug/ml
Spiked Amount 50.000		Recovery =	85.00%
12) S 1-chlorooctadecane (S...	11.998	6441353	48.521 ug/ml
Spiked Amount 50.000		Recovery =	97.04%
Target Compounds			
1) T n-Nonane (C9)	2.647	5362051	38.072 ug/ml
2) T n-Decane (C10)	3.632	5216961	36.982 ug/ml
3) T A~Naphthalene (C11.7)	5.167	6602290	46.447 ug/ml
4) T n-Dodecane (C12)	5.571	6152016	41.507 ug/ml
5) T A~2-methylnaphthalene...	6.188	6771903	49.376 ug/ml
6) T n-Tetradecane (C14)	7.320	6544260	43.590 ug/ml
7) T n-Hexadecane (C16)	8.879	6921234	45.226 ug/ml
8) T n-Octadecane (C18)	10.287	7228949	46.294 ug/ml
10) T n-Eicosane (C20)	11.564	6900937	43.974 ug/ml
11) T n-Heneicosane (C21)	12.160	6814717	43.553 ug/ml
13) T n-Docosane (C22)	12.732	6611025	42.401 ug/ml
14) T n-Tetracosane (C24)	13.807	5900276	38.648 ug/mlm
15) T n-Hexacosane (C26)	14.804	6024652	40.360 ug/ml
16) T n-Octacosane (C28)	15.728	11169465	77.948 ug/ml
17) T n-Tricontane (C30)	16.596	5592304	39.944 ug/ml
18) T n-Dotriacontane (C32)	17.405	6841413	50.692 ug/ml
19) T n-Tetratriacontane (C34)	18.168	5457954	43.518 ug/ml
20) T n-Hexatriacontane (C36)	18.888	5352506	43.789 ug/ml
21) T n-Octatriacontane (C38)	19.572	5235856	44.362 ug/ml
22) T n-Tetracontane (C40)	20.218	5193879	45.126 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081222AL\
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Operator : YP/AJ
Sample : PB146956BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

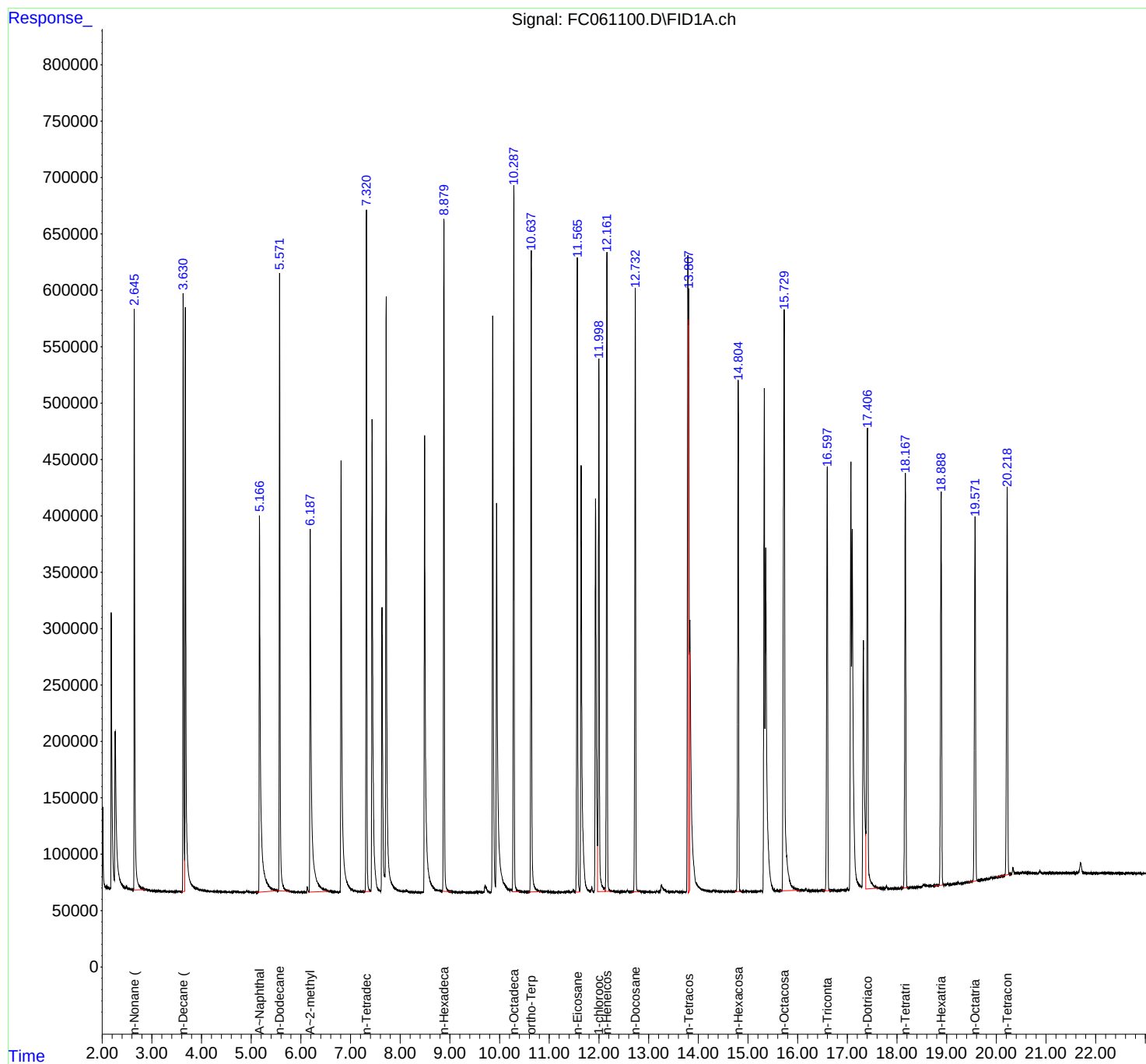
Instrument :
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PB146956BSD

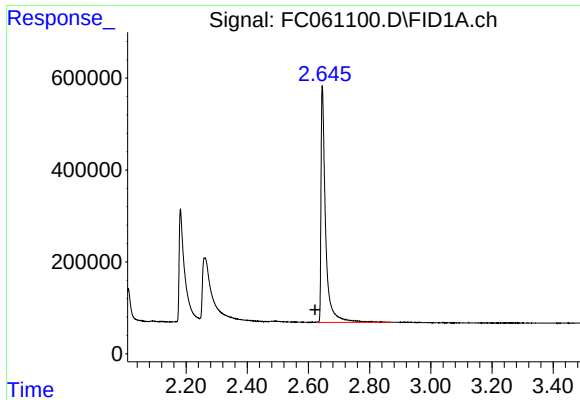
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.647 min
Delta R.T.: 0.025 min
Response: 5362051
Conc: 38.07 ug/ml

Instrument :

FID_C

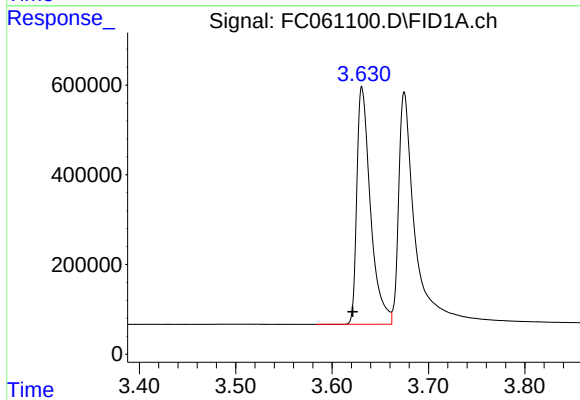
ClientSampleId :

PB146956BSD

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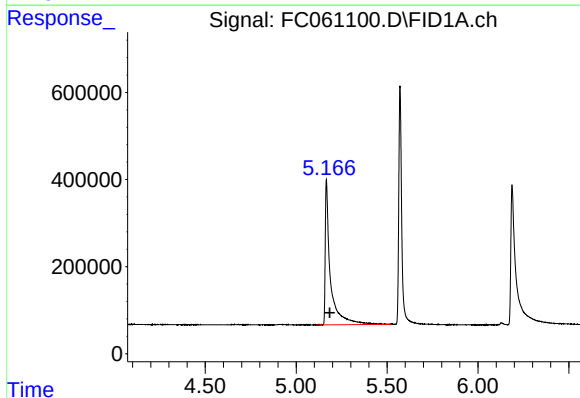
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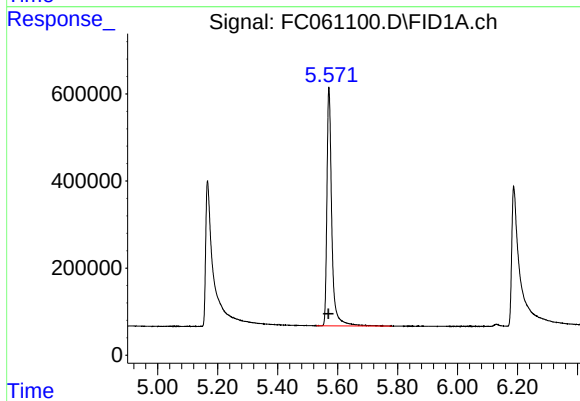
#2 n-Decane (C10)

R.T.: 3.632 min
Delta R.T.: 0.010 min
Response: 5216961
Conc: 36.98 ug/ml



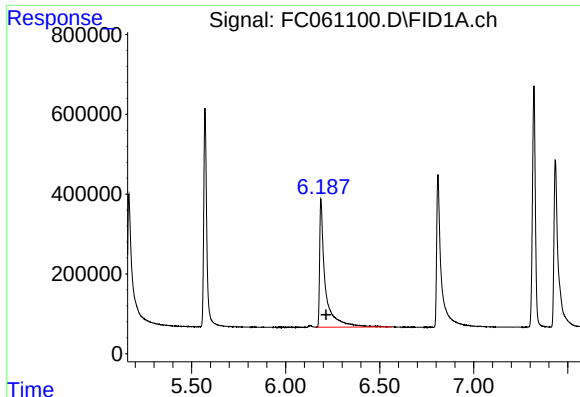
#3 A~Naphthalene (C11.7)

R.T.: 5.167 min
Delta R.T.: -0.018 min
Response: 6602290
Conc: 46.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.571 min
Delta R.T.: 0.002 min
Response: 6152016
Conc: 41.51 ug/ml



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

R.T.: 6.188 min
Delta R.T.: -0.026 min
Response: 6771903
Conc: 49.38 ug/ml

Instrument :

FID_C

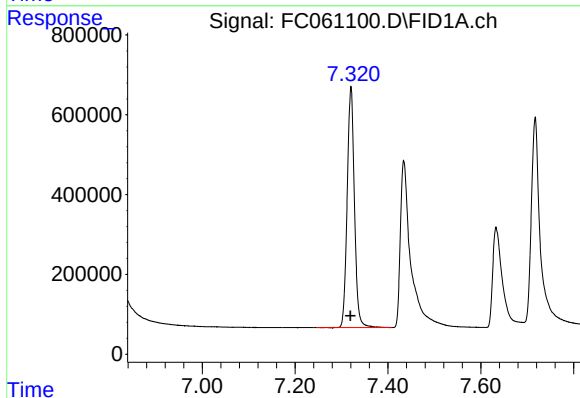
ClientSampleId :

PB146956BSD

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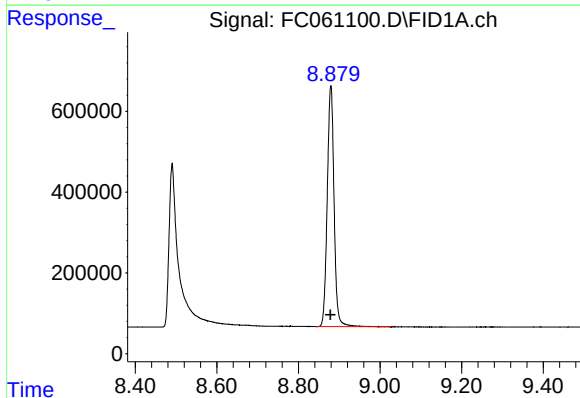
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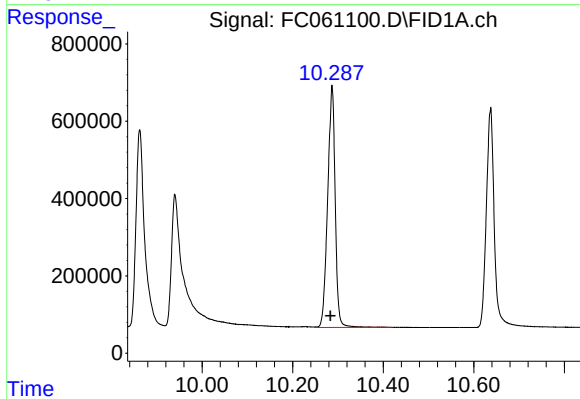
#6 n-Tetradecane (C14)

R.T.: 7.320 min
Delta R.T.: 0.001 min
Response: 6544260
Conc: 43.59 ug/ml



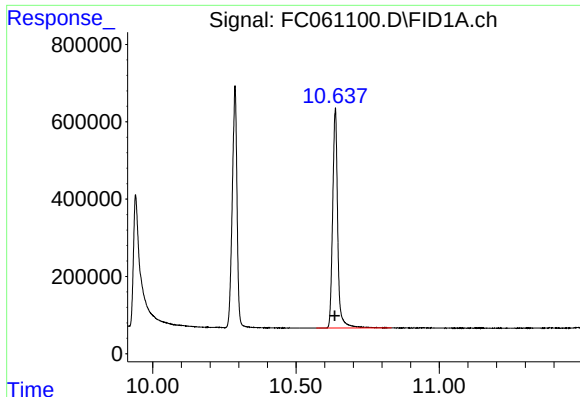
#7 n-Hexadecane (C16)

R.T.: 8.879 min
Delta R.T.: 0.000 min
Response: 6921234
Conc: 45.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.287 min
Delta R.T.: 0.003 min
Response: 7228949
Conc: 46.29 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.637 min
Delta R.T.: 0.002 min
Response: 6974702
Conc: 42.50 ug/ml

Instrument :

FID_C

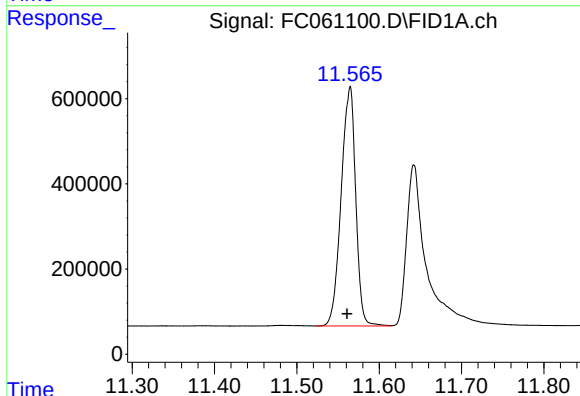
ClientSampleId :

PB146956BSD

Manual Integrations

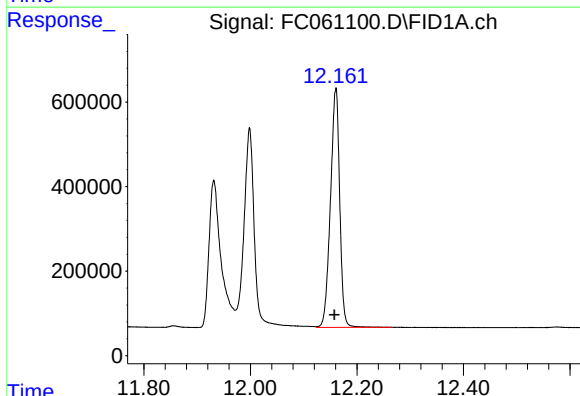
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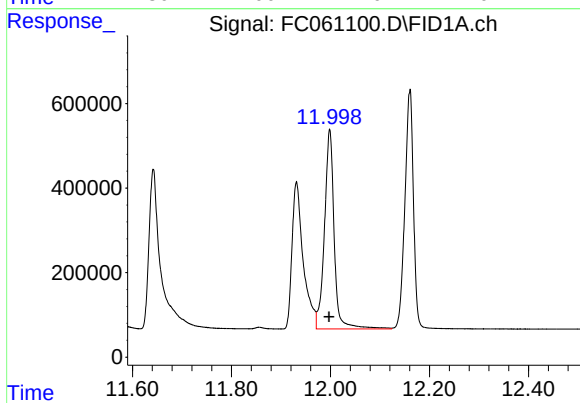
#10 n-Eicosane (C20)

R.T.: 11.564 min
Delta R.T.: 0.003 min
Response: 6900937
Conc: 43.97 ug/ml



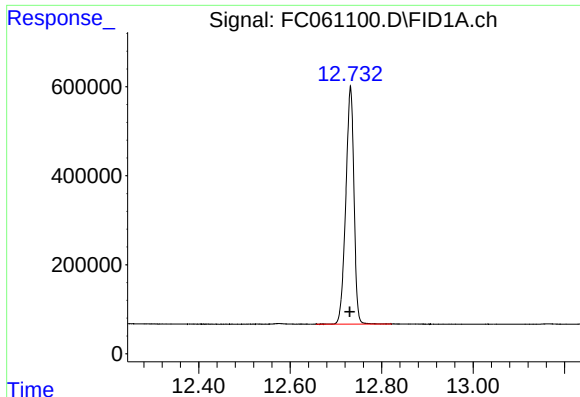
#11 n-Heneicosane (C21)

R.T.: 12.160 min
Delta R.T.: 0.002 min
Response: 6814717
Conc: 43.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 11.998 min
Delta R.T.: 0.000 min
Response: 6441353
Conc: 48.52 ug/ml



#13 n-Docosane (C22)

R.T.: 12.732 min
Delta R.T.: 0.002 min
Response: 6611025
Conc: 42.40 ug/ml

Instrument :

FID_C

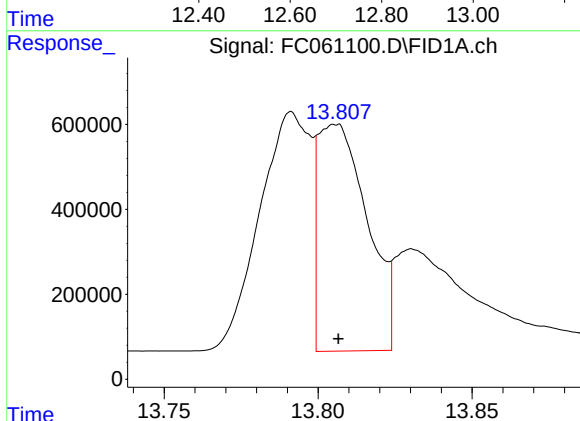
ClientSampleId :

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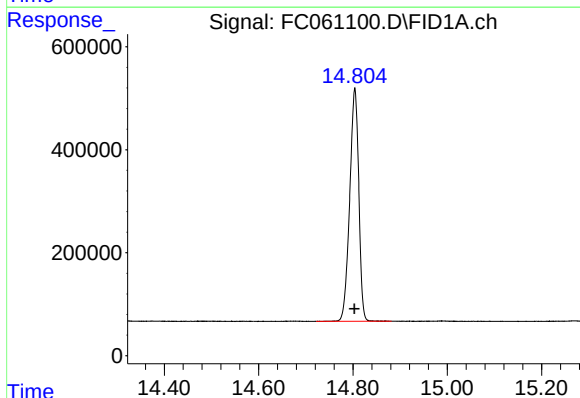
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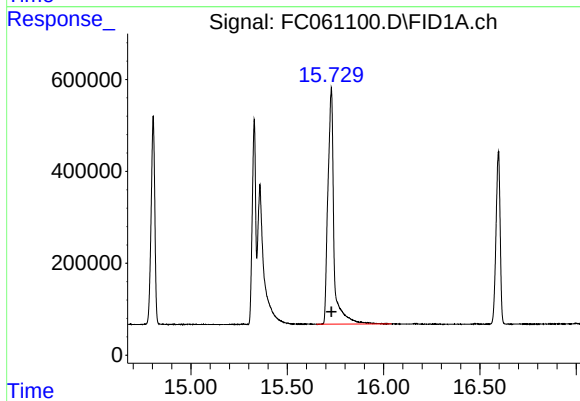
#14 n-Tetracosane (C24)

R.T.: 13.807 min
Delta R.T.: 0.000 min
Response: 5900276
Conc: 38.65 ug/ml m



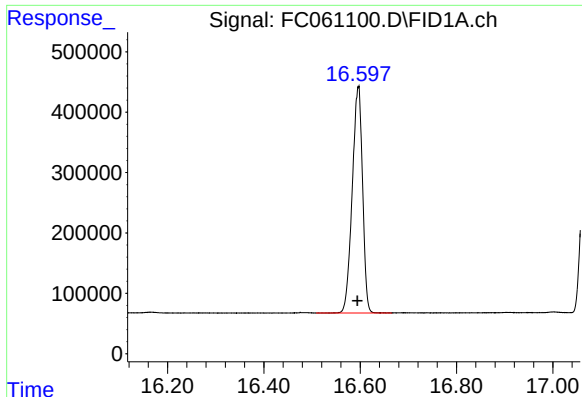
#15 n-Hexacosane (C26)

R.T.: 14.804 min
Delta R.T.: 0.000 min
Response: 6024652
Conc: 40.36 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.728 min
Delta R.T.: 0.000 min
Response: 11169465
Conc: 77.95 ug/ml



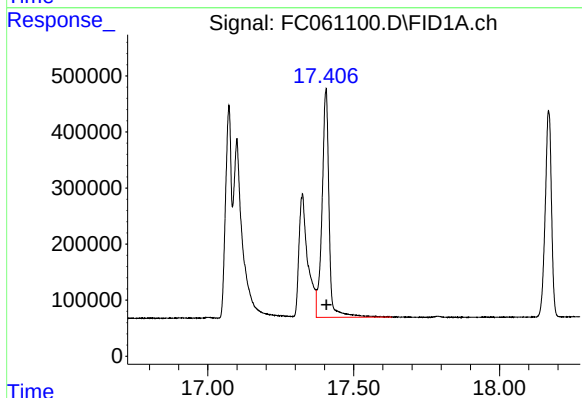
#17 n-Tricontane (C30)

R.T.: 16.596 min
Delta R.T.: 0.001 min
Response: 5592304
Conc: 39.94 ug/ml

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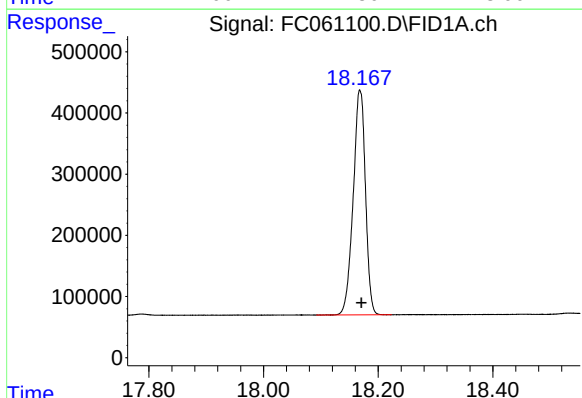
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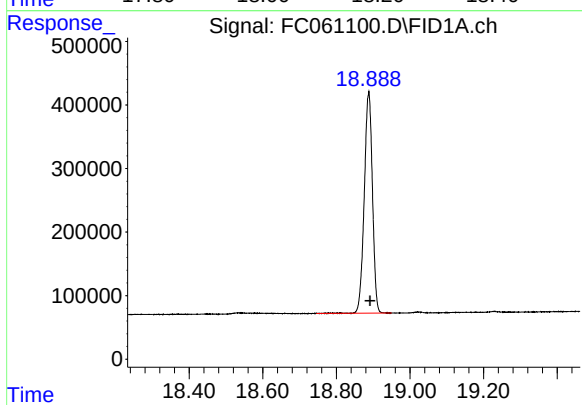
#18 n-Dotriacontane (C32)

R.T.: 17.405 min
Delta R.T.: -0.002 min
Response: 6841413
Conc: 50.69 ug/ml



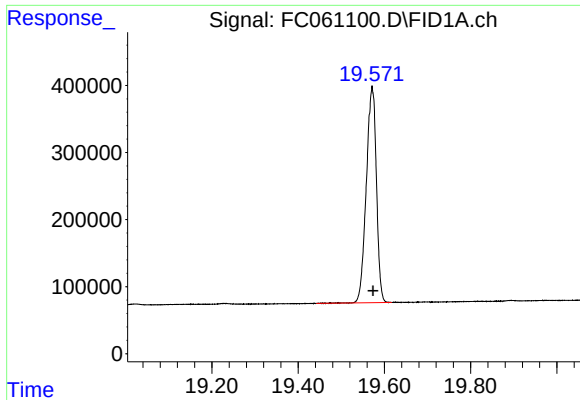
#19 n-Tetratriacontane (C34)

R.T.: 18.168 min
Delta R.T.: -0.003 min
Response: 5457954
Conc: 43.52 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.888 min
Delta R.T.: -0.004 min
Response: 5352506
Conc: 43.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.572 min
Delta R.T.: -0.002 min
Response: 5235856
Conc: 44.36 ug/ml

Instrument :

FID_C

ClientSampleId :

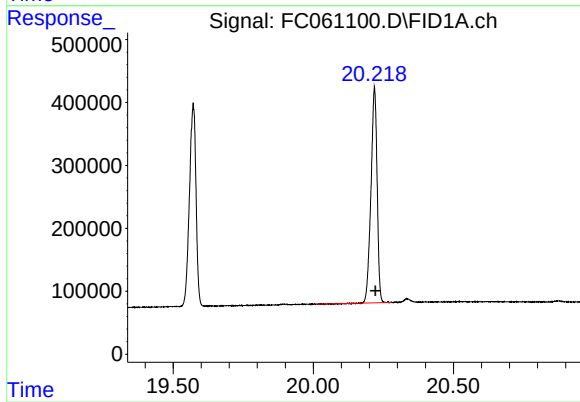
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#22 n-Tetracontane (C40)

R.T.: 20.218 min
Delta R.T.: -0.004 min
Response: 5193879
Conc: 45.13 ug/ml