

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010224AL\
 Data File : FC065541.D
 Signal(s) : FID1A.ch
 Acq On : 02 Jan 2024 15:33
 Operator : YP/AJ
 Sample : PB158188BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB158188BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 01/03/2024

Supervised By :Ankita Jodhani 01/03/2024

Integration File: autoint1.e

Quant Time: Jan 03 01:32:05 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121823.M

Quant Title : GC Extractables

QLast Update : Mon Dec 18 12:39:13 2023

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)	11.500	9163851	40.043 ug/ml
Spiked Amount 50.000		Recovery =	80.09%
12) S 1-chlorooctadecane (S...	12.929	6949056	42.513 ug/ml
Spiked Amount 50.000		Recovery =	85.03%
Target Compounds			
1) T n-Nonane (C9)	3.306	7658323	38.514 ug/ml
2) T n-Decane (C10)	4.360	7996467	39.888 ug/ml
3) T A~Naphthalene (C11.7)	5.937	8984208	44.701 ug/ml
4) T n-Dodecane (C12)	6.367	8334445	40.769 ug/ml
5) T A~2-methylnaphthalene...	6.991	8586247	43.978 ug/ml
6) T n-Tetradecane (C14)	8.156	8324891	41.556 ug/ml
7) T n-Hexadecane (C16)	9.751	8195059	40.940 ug/ml
8) T n-Octadecane (C18)	11.186	8133607	41.331 ug/ml
10) T n-Eicosane (C20)	12.489	8101556	43.215 ug/ml
11) T n-Heneicosane (C21)	13.095	7703165	42.234 ug/ml
13) T n-Docosane (C22)	13.680	7549644	41.844 ug/ml
14) T n-Tetracosane (C24)	14.775	15042869	83.500 ug/ml
15) T n-Hexacosane (C26)	15.796	7064205	40.780 ug/ml
16) T n-Octacosane (C28)	16.740	7510144	43.791 ug/ml
17) T n-Tricontane (C30)	17.624	6810141	38.884 ug/ml
18) T n-Dotriacontane (C32)	18.453	6750634	38.701 ug/mlm
19) T n-Tetratriacontane (C34)	19.232	6542500	39.540 ug/ml
20) T n-Hexatriacontane (C36)	19.969	6244320	38.675 ug/mlm
21) T n-Octatriacontane (C38)	20.685	6091294	38.407 ug/ml
22) T n-Tetracontane (C40)	21.561	5750957	36.106 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010224AL\
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Acq On : 02 Jan 2024 15:33
Operator : YP/AJ
Sample : PB158188BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

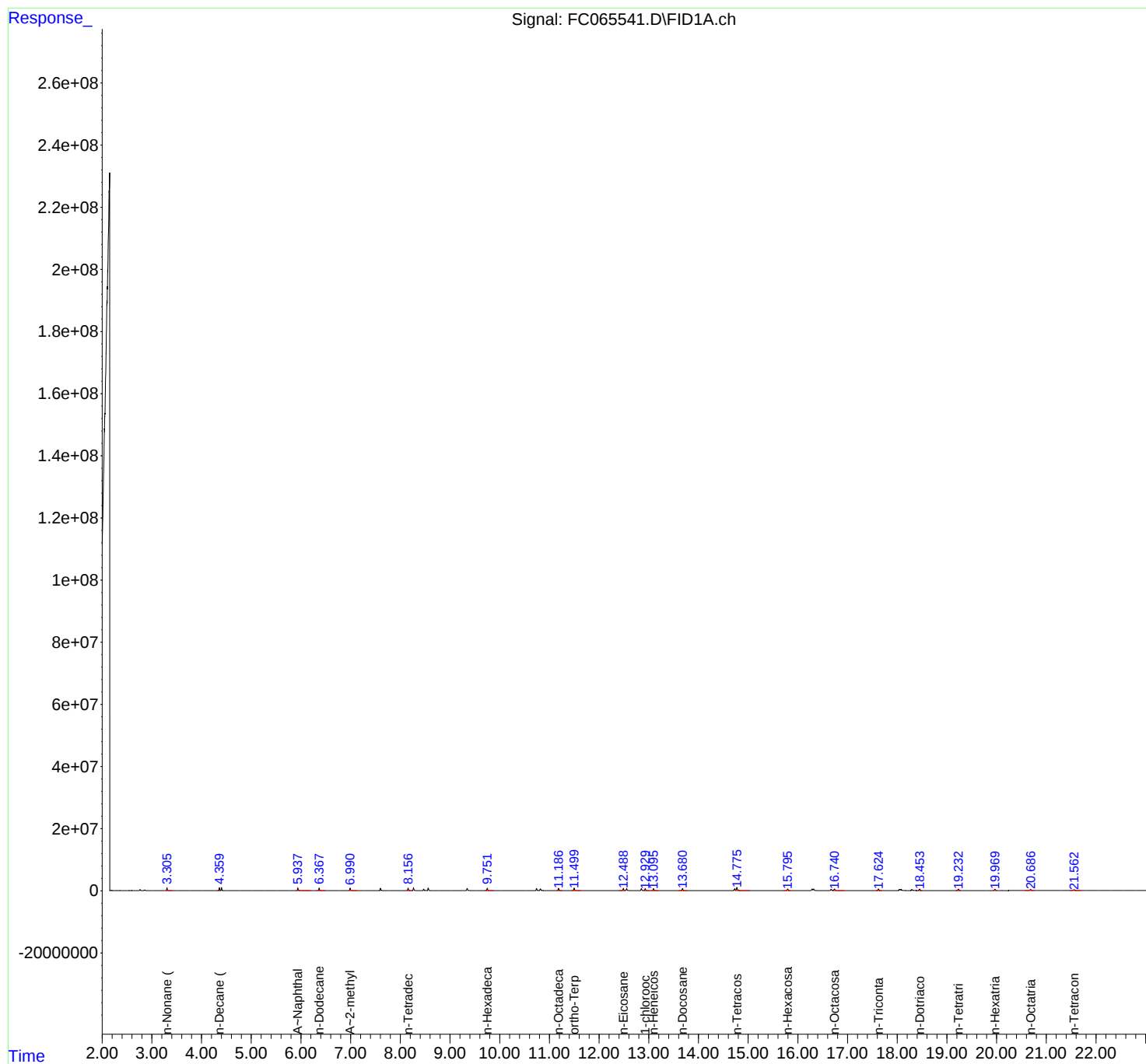
Instrument :
FID_C
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PB158188BS

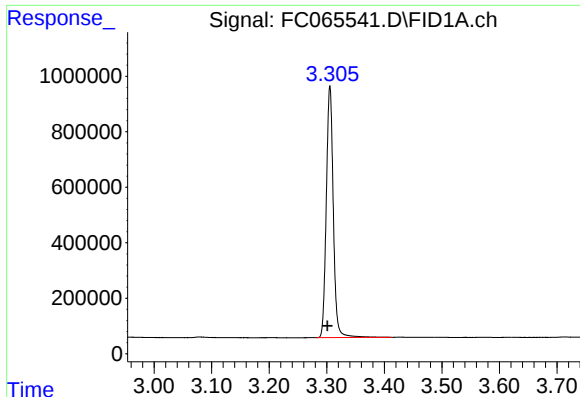
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Quant Title : GC Extractables
QLast Update : Mon Dec 18 12:39:13 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.306 min
Delta R.T.: 0.005 min
Response: 7658323
Conc: 38.51 ug/ml

Instrument :

FID_C

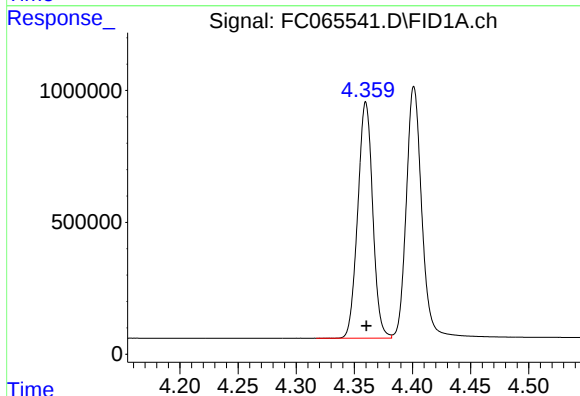
ClientSampleId :

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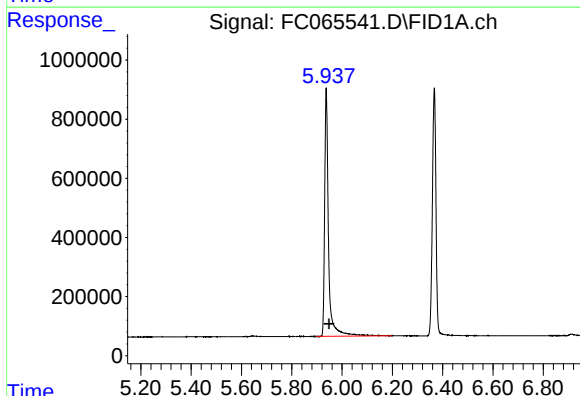
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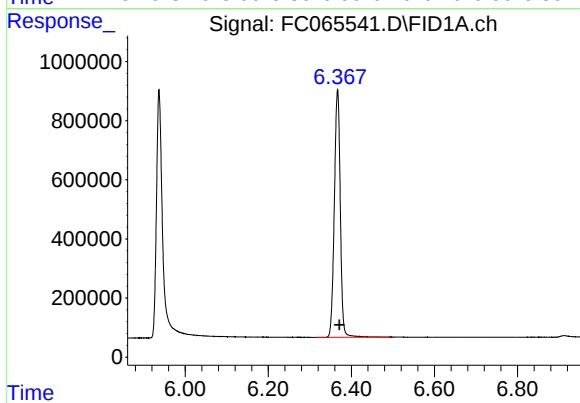
#2 n-Decane (C10)

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 7996467
Conc: 39.89 ug/ml



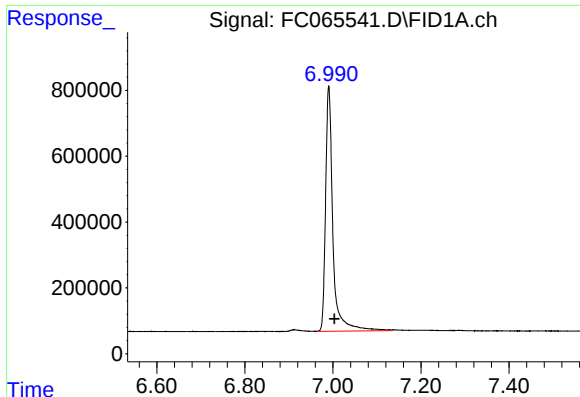
#3 A~Naphthalene (C11.7)

R.T.: 5.937 min
Delta R.T.: -0.010 min
Response: 8984208
Conc: 44.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 8334445
Conc: 40.77 ug/ml



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

R.T.: 6.991 min
Delta R.T.: -0.013 min
Response: 8586247
Conc: 43.98 ug/ml

Instrument :

FID_C

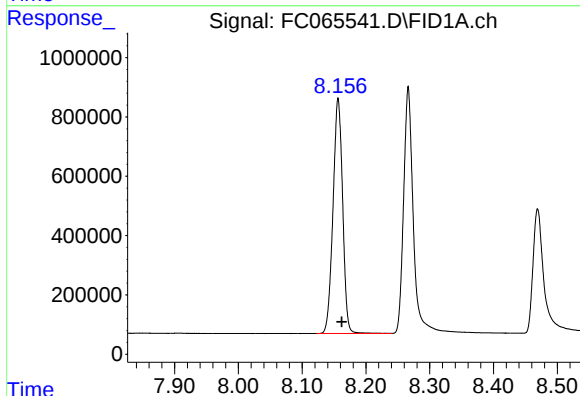
ClientSampleId :

PB158188BS

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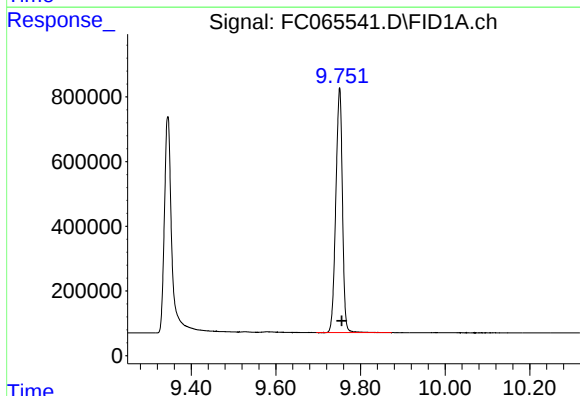
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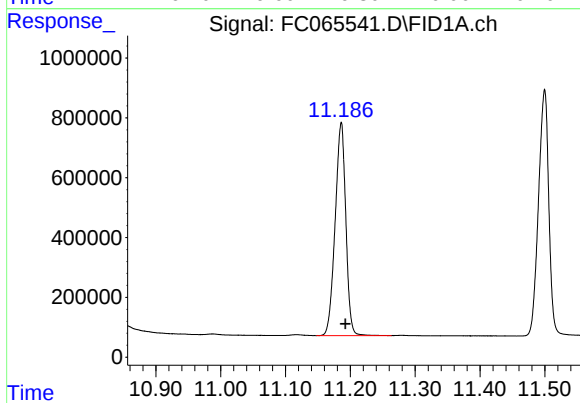
#6 n-Tetradecane (C14)

R.T.: 8.156 min
Delta R.T.: -0.006 min
Response: 8324891
Conc: 41.56 ug/ml



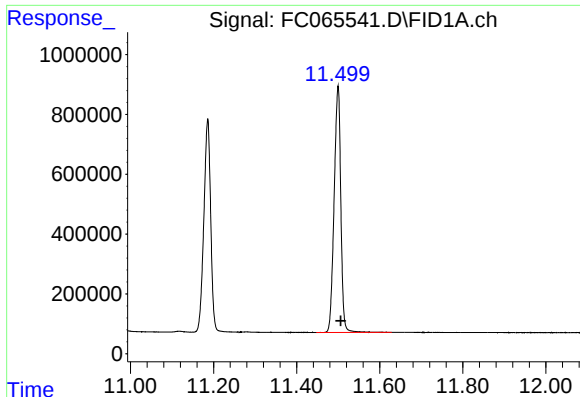
#7 n-Hexadecane (C16)

R.T.: 9.751 min
Delta R.T.: -0.005 min
Response: 8195059
Conc: 40.94 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.186 min
Delta R.T.: -0.007 min
Response: 8133607
Conc: 41.33 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.500 min
Delta R.T.: -0.006 min
Response: 9163851
Conc: 40.04 ug/ml

Instrument :

FID_C

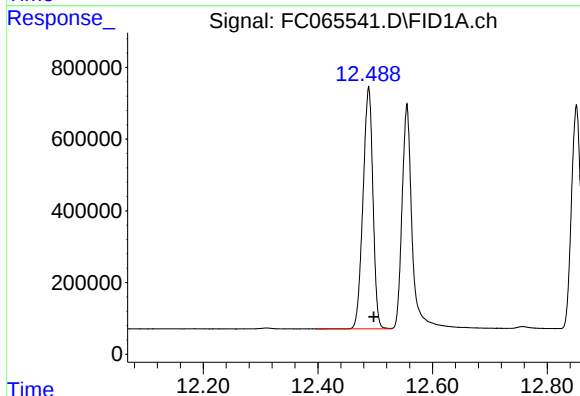
ClientSampleId :

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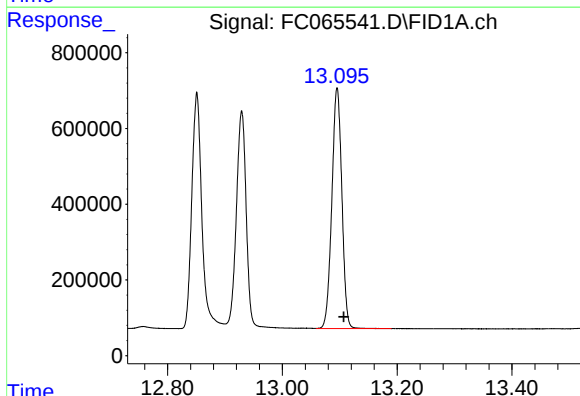
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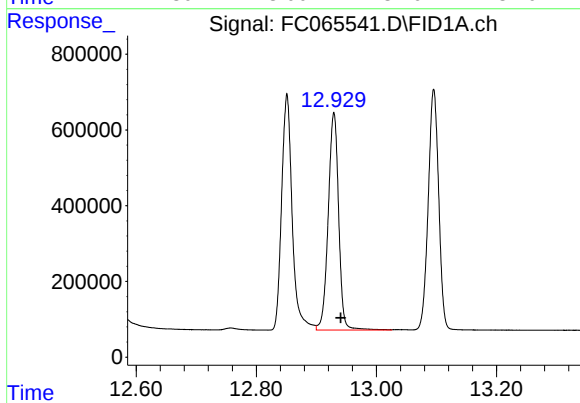
#10 n-Eicosane (C20)

R.T.: 12.489 min
Delta R.T.: -0.009 min
Response: 8101556
Conc: 43.22 ug/ml



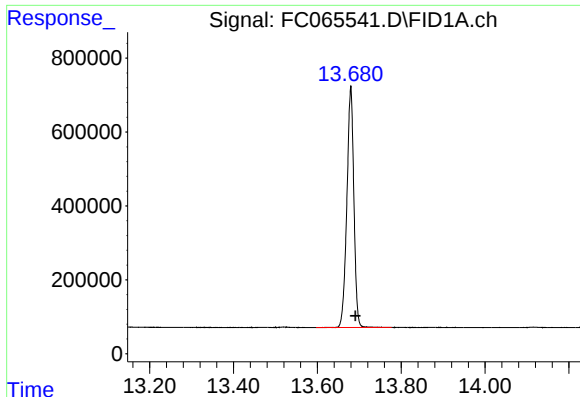
#11 n-Heneicosane (C21)

R.T.: 13.095 min
Delta R.T.: -0.012 min
Response: 7703165
Conc: 42.23 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.929 min
Delta R.T.: -0.011 min
Response: 6949056
Conc: 42.51 ug/ml



#13 n-Docosane (C22)

R.T.: 13.680 min
Delta R.T.: -0.011 min
Response: 7549644
Conc: 41.84 ug/ml

Instrument :

FID_C

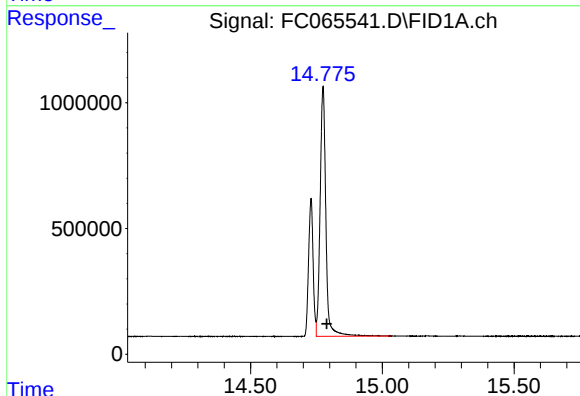
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PB158188BS

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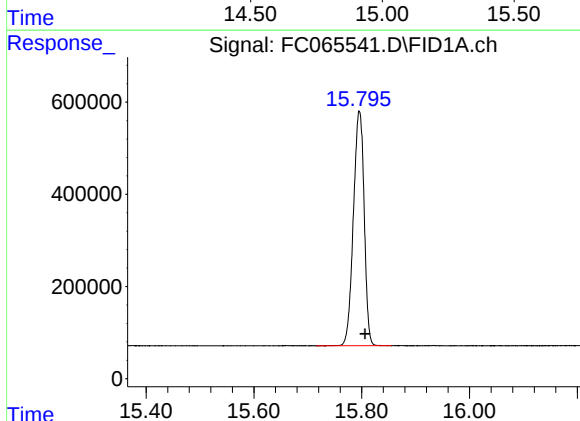
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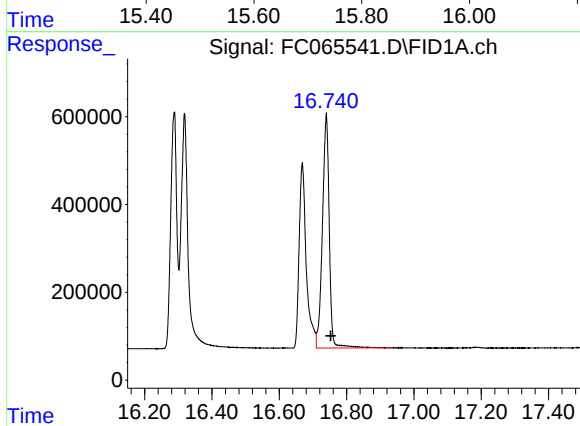
#14 n-Tetracosane (C24)

R.T.: 14.775 min
Delta R.T.: -0.014 min
Response: 15042869
Conc: 83.50 ug/ml



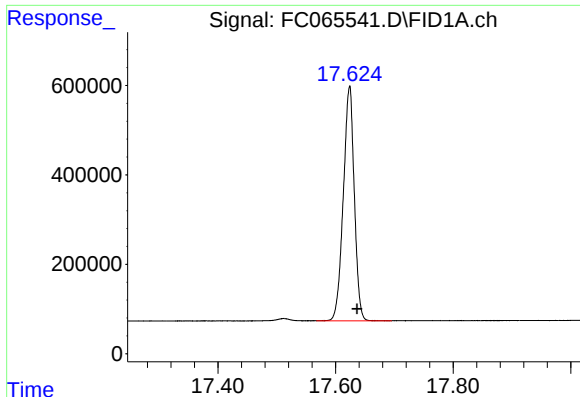
#15 n-Hexacosane (C26)

R.T.: 15.796 min
Delta R.T.: -0.011 min
Response: 7064205
Conc: 40.78 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.740 min
Delta R.T.: -0.013 min
Response: 7510144
Conc: 43.79 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.624 min
Delta R.T.: -0.012 min
Response: 6810141
Conc: 38.88 ug/ml

Instrument :

FID_C

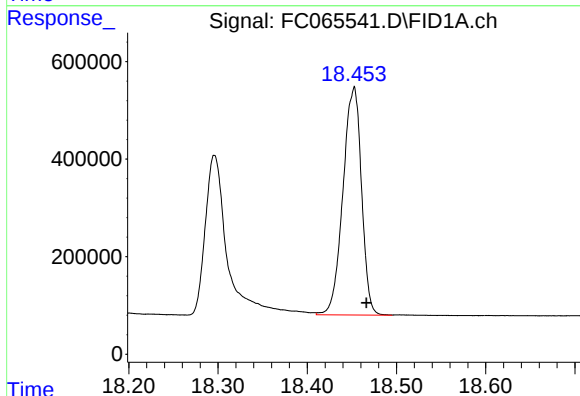
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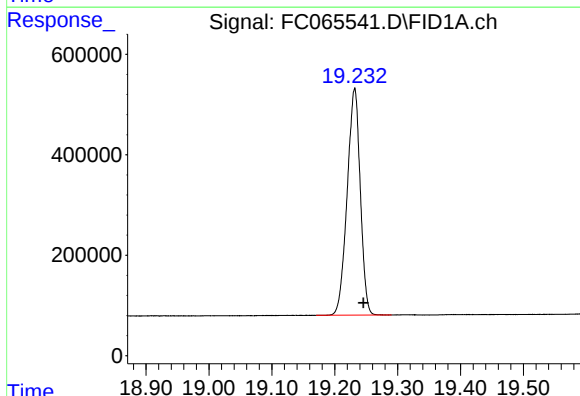
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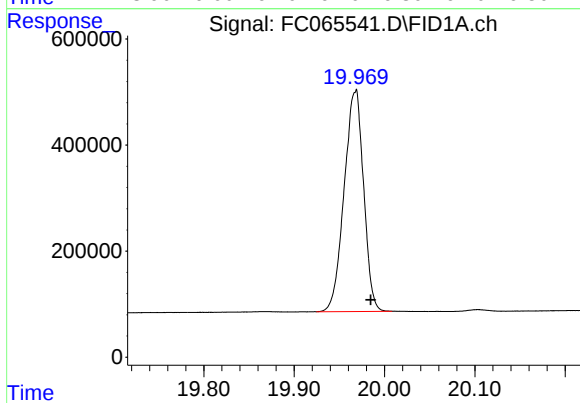
#18 n-Dotriacontane (C32)

R.T.: 18.453 min
Delta R.T.: -0.014 min
Response: 6750634
Conc: 38.70 ug/ml m



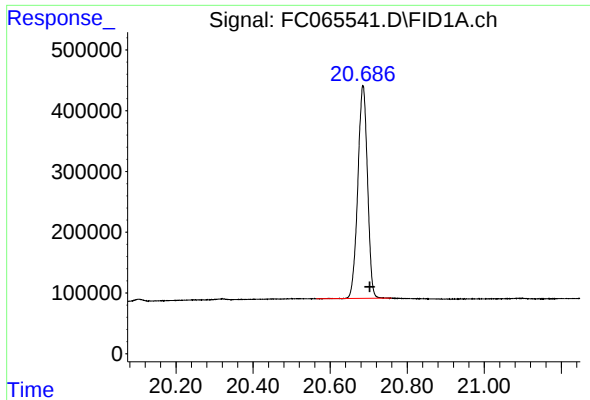
#19 n-Tetratriacontane (C34)

R.T.: 19.232 min
Delta R.T.: -0.014 min
Response: 6542500
Conc: 39.54 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.969 min
Delta R.T.: -0.016 min
Response: 6244320
Conc: 38.68 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.685 min
Delta R.T.: -0.018 min
Response: 6091294
Conc: 38.41 ug/ml

Instrument :

FID_C

ClientSampleId :

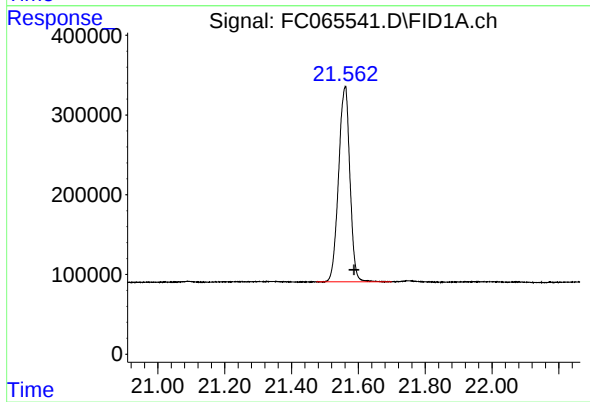
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#22 n-Tetracontane (C40)

R.T.: 21.561 min
Delta R.T.: -0.027 min
Response: 5750957
Conc: 36.11 ug/ml