

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010224AL\
 Data File : FC065542.D
 Signal(s) : FID1A.ch
 Acq On : 02 Jan 2024 16:11
 Operator : YP/AJ
 Sample : PB158188BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB158188BSD

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 01:32:14 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	9230601	40.335 ug/ml
Spiked Amount 50.000		Recovery =	80.67%
12) S 1-chlorooctadecane (S...	12.931	7056381	43.170 ug/ml
Spiked Amount 50.000		Recovery =	86.34%
Target Compounds			
1) T n-Nonane (C9)	3.305	7815951	39.307 ug/ml
2) T n-Decane (C10)	4.360	8163792	40.722 ug/ml
3) T A~Naphthalene (C11.7)	5.937	9169794	45.625 ug/ml
4) T n-Dodecane (C12)	6.367	8513046	41.642 ug/ml
5) T A~2-methylnaphthalene...	6.990	8799240	45.069 ug/ml
6) T n-Tetradecane (C14)	8.156	8493819	42.399 ug/ml
7) T n-Hexadecane (C16)	9.749	8363130	41.779 ug/ml
8) T n-Octadecane (C18)	11.185	8287163	42.111 ug/ml
10) T n-Eicosane (C20)	12.489	8167608	43.568 ug/ml
11) T n-Heneicosane (C21)	13.098	7766321	42.580 ug/ml
13) T n-Docosane (C22)	13.680	7618714	42.227 ug/ml
14) T n-Tetracosane (C24)	14.775	15362364	85.274 ug/ml
15) T n-Hexacosane (C26)	15.795	7140235	41.219 ug/ml
16) T n-Octacosane (C28)	16.739	7603846	44.338 ug/ml
17) T n-Tricontane (C30)	17.624	6900123	39.397 ug/ml
18) T n-Dotriacontane (C32)	18.450	6831384	39.164 ug/mlm
19) T n-Tetratriacontane (C34)	19.231	6672190	40.324 ug/ml
20) T n-Hexatriacontane (C36)	19.966	6396858	39.620 ug/mlm
21) T n-Octatriacontane (C38)	20.685	6272629	39.551 ug/ml
22) T n-Tetracontane (C40)	21.562	6012641	37.749 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB158188BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

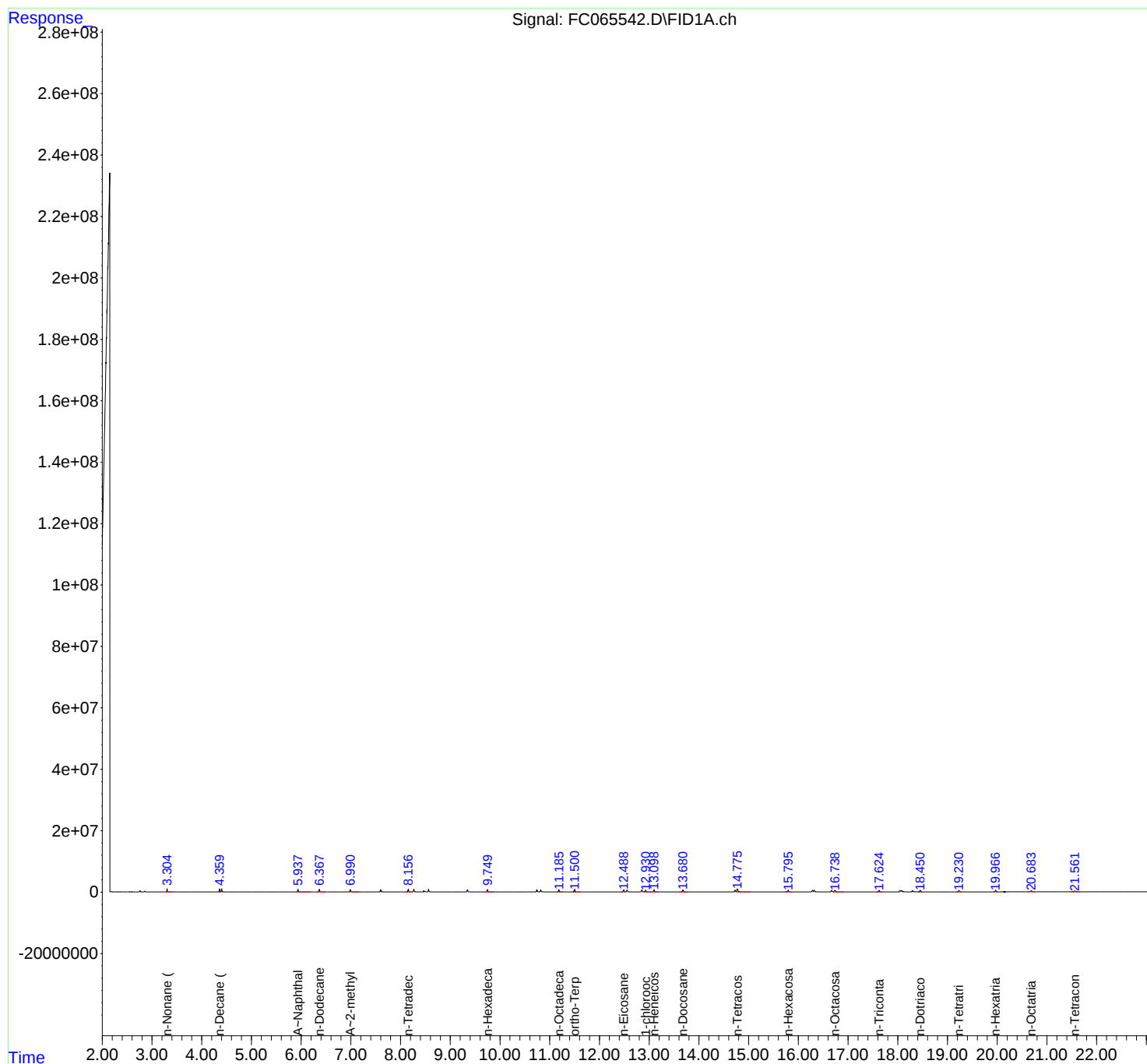
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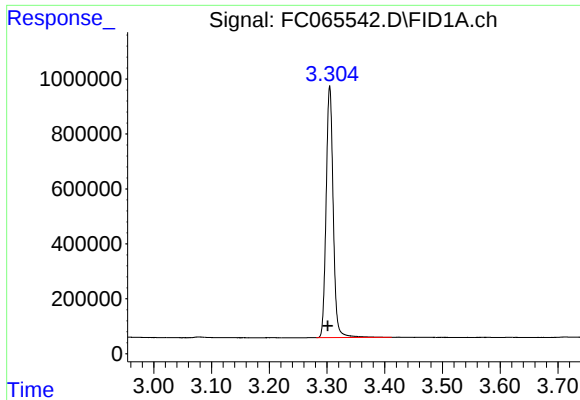
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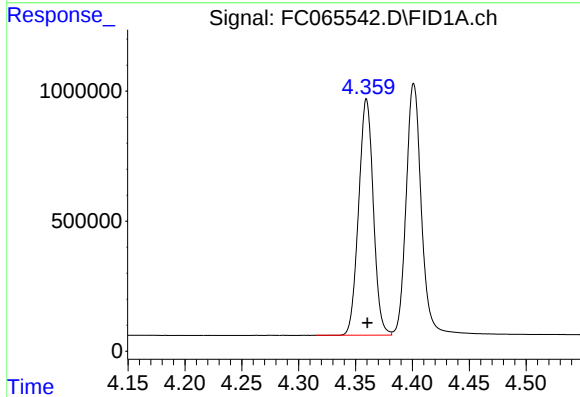
#1 n-Nonane (C9)

R.T.: 3.305 min
Delta R.T.: 0.004 min
Response: 7815951
Conc: 39.31 ug/ml

Instrument :
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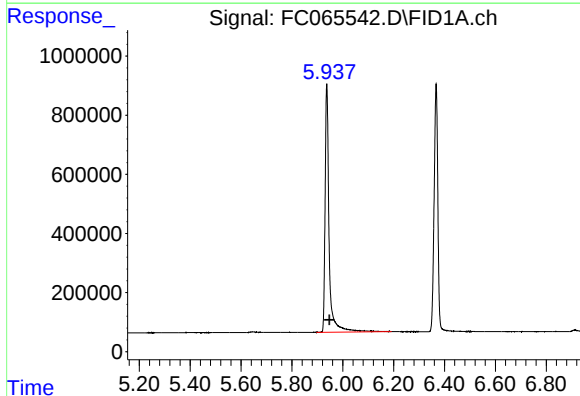
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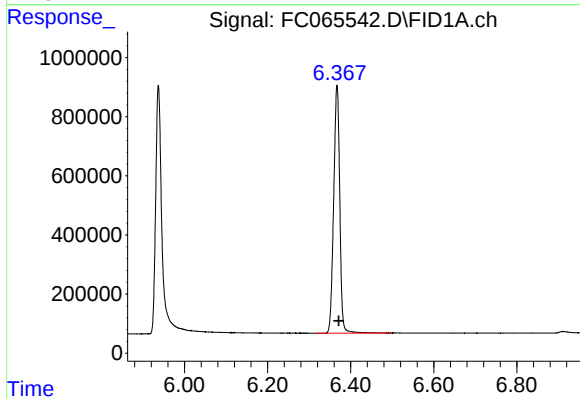
#2 n-Decane (C10)

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 8163792
Conc: 40.72 ug/ml



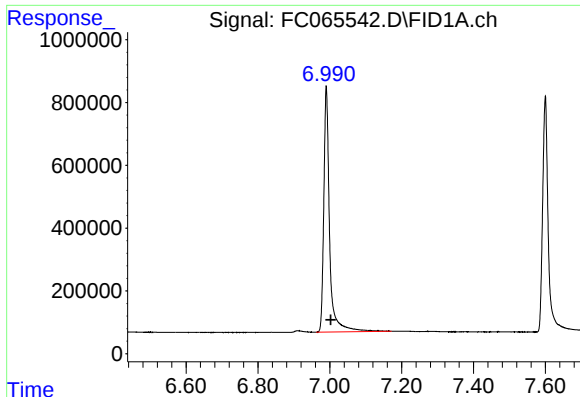
#3 A~Naphthalene (C11.7)

R.T.: 5.937 min
Delta R.T.: -0.010 min
Response: 9169794
Conc: 45.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 8513046
Conc: 41.64 ug/ml



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

R.T.: 6.990 min
Delta R.T.: -0.013 min
Response: 8799240
Conc: 45.07 ug/ml

Instrument :

FID_C

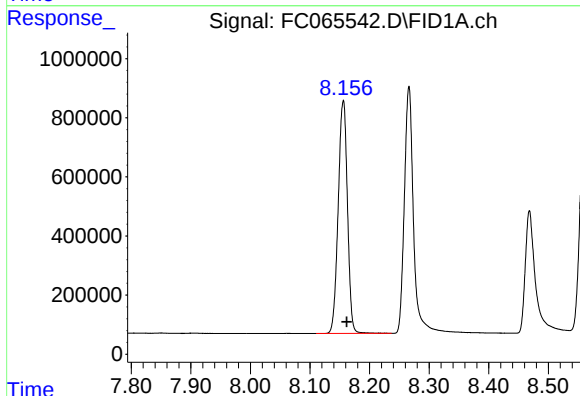
ClientSampleId :

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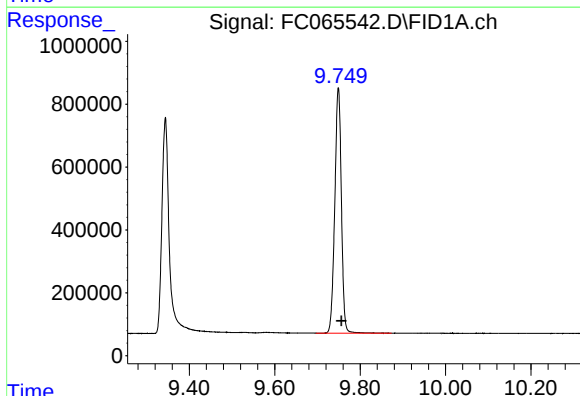
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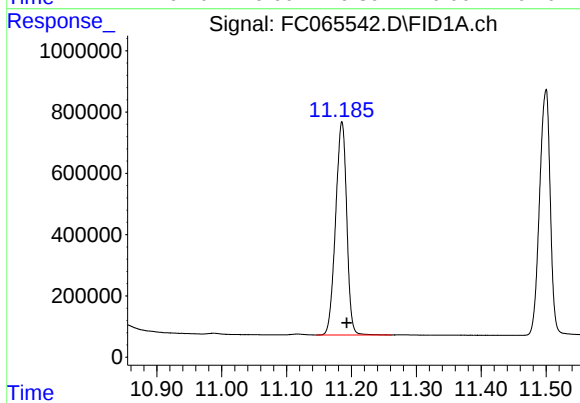
#6 n-Tetradecane (C14)

R.T.: 8.156 min
Delta R.T.: -0.006 min
Response: 8493819
Conc: 42.40 ug/ml



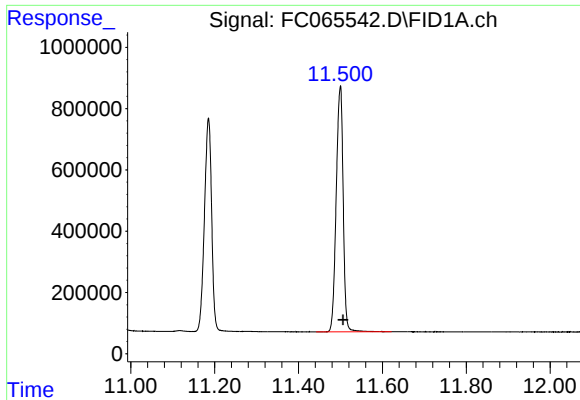
#7 n-Hexadecane (C16)

R.T.: 9.749 min
Delta R.T.: -0.007 min
Response: 8363130
Conc: 41.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.185 min
Delta R.T.: -0.007 min
Response: 8287163
Conc: 42.11 ug/ml



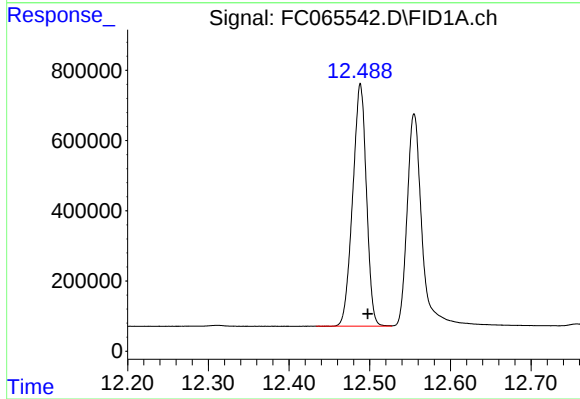
#9 ortho-Terphenyl (SURR)

R.T.: 11.500 min
Delta R.T.: -0.006 min
Response: 9230601
Conc: 40.34 ug/ml

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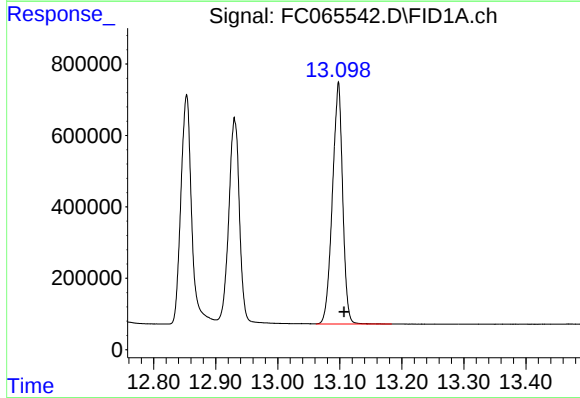
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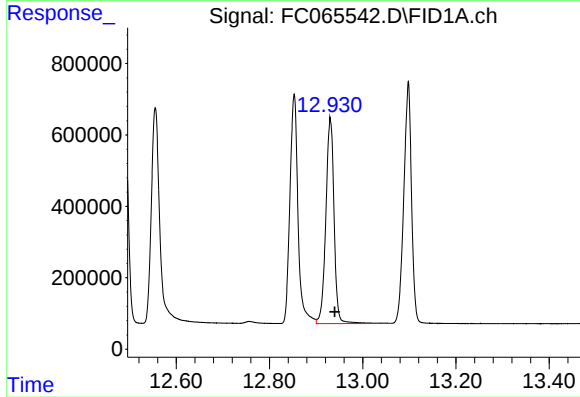
#10 n-Eicosane (C20)

R.T.: 12.489 min
Delta R.T.: -0.009 min
Response: 8167608
Conc: 43.57 ug/ml



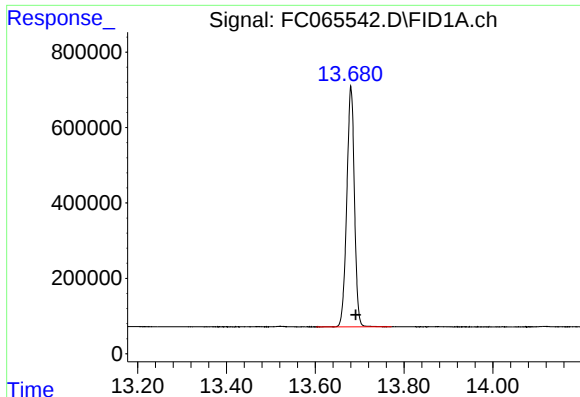
#11 n-Heneicosane (C21)

R.T.: 13.098 min
Delta R.T.: -0.009 min
Response: 7766321
Conc: 42.58 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.931 min
Delta R.T.: -0.010 min
Response: 7056381
Conc: 43.17 ug/ml



#13 n-Docosane (C22)

R.T.: 13.680 min
Delta R.T.: -0.010 min
Response: 7618714
Conc: 42.23 ug/ml

Instrument :

FID_C

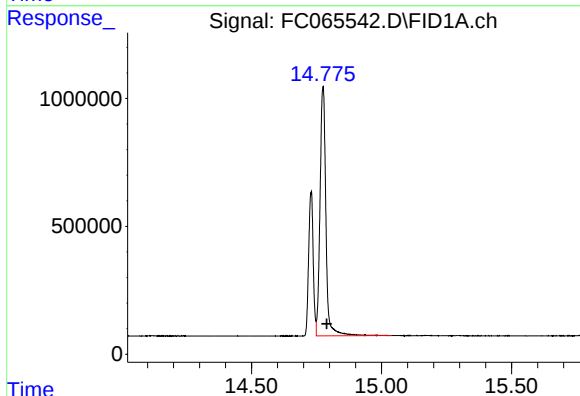
ClientSampleId :

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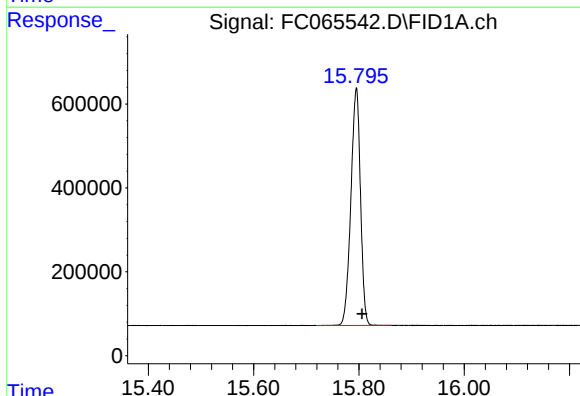
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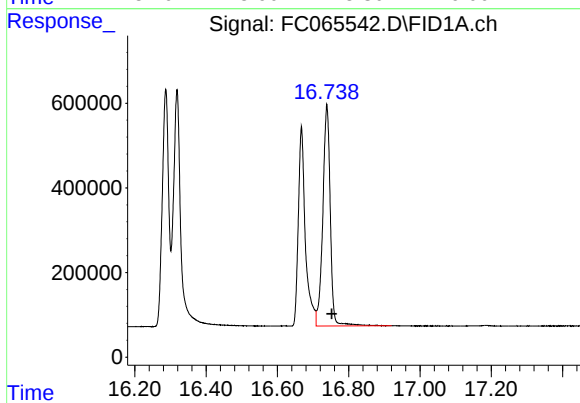
#14 n-Tetracosane (C24)

R.T.: 14.775 min
Delta R.T.: -0.014 min
Response: 15362364
Conc: 85.27 ug/ml



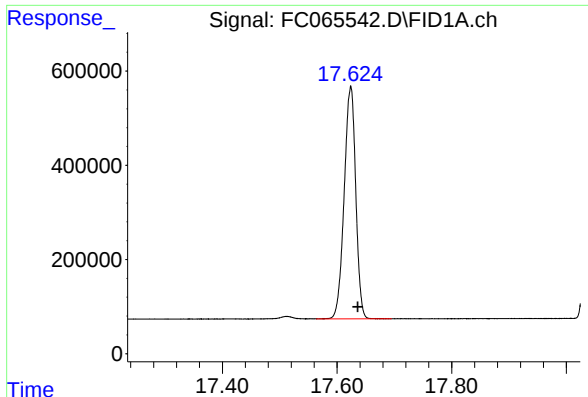
#15 n-Hexacosane (C26)

R.T.: 15.795 min
Delta R.T.: -0.011 min
Response: 7140235
Conc: 41.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.739 min
Delta R.T.: -0.014 min
Response: 7603846
Conc: 44.34 ug/ml



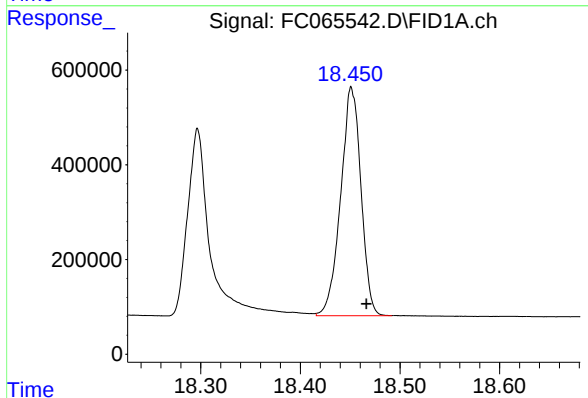
#17 n-Tricontane (C30)

R.T.: 17.624 min
Delta R.T.: -0.012 min
Response: 6900123
Conc: 39.40 ug/ml

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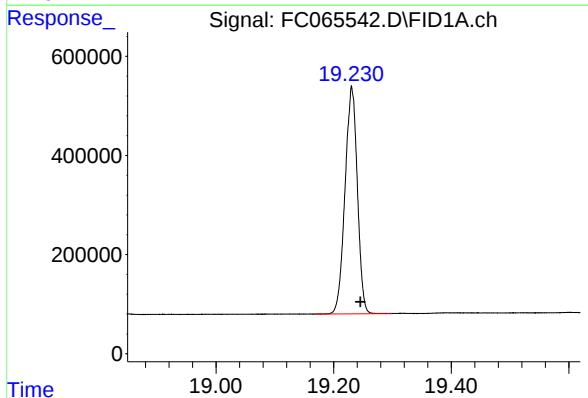
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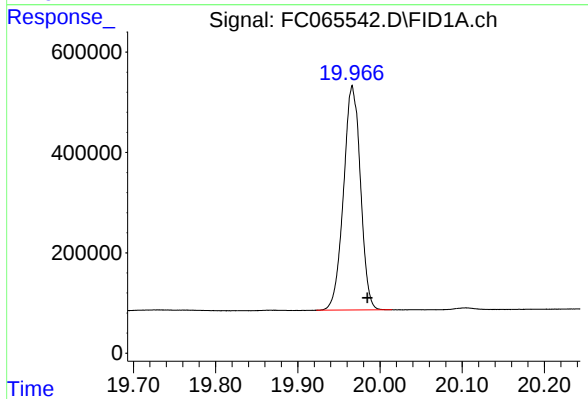
#18 n-Dotriacontane (C32)

R.T.: 18.450 min
Delta R.T.: -0.016 min
Response: 6831384
Conc: 39.16 ug/ml m



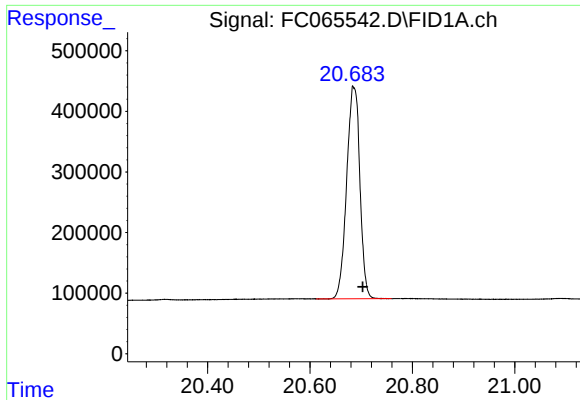
#19 n-Tetratriacontane (C34)

R.T.: 19.231 min
Delta R.T.: -0.015 min
Response: 6672190
Conc: 40.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.966 min
Delta R.T.: -0.019 min
Response: 6396858
Conc: 39.62 ug/ml m



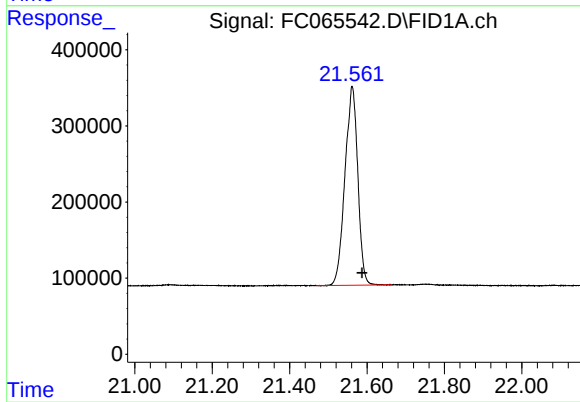
#21 n-Octatriacontane (C38)

R.T.: 20.685 min
Delta R.T.: -0.018 min
Response: 6272629
Conc: 39.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.562 min
Delta R.T.: -0.026 min
Response: 6012641
Conc: 37.75 ug/ml