

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022724AL\
 Data File : FC065900.D
 Signal(s) : FID1A.ch
 Acq On : 27 Feb 2024 21:21
 Operator : YP/AJ
 Sample : P1539-07MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/28/2024
 Supervised By :Ankita Jodhani 02/28/2024

Integration File: autoint1.e
 Quant Time: Feb 28 01:10:59 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...	12.929	6554398	52.081 ug/ml
Spiked Amount 50.000		Recovery =	104.16%
Target Compounds			
1) T n-Nonane (C9)	3.289	7205901	47.964 ug/ml
2) T n-Decane (C10)	4.352	8311666	54.667 ug/ml
4) T n-Dodecane (C12)	6.366	9421698	61.559 ug/ml
6) T n-Tetradecane (C14)	8.156	9528051	64.177 ug/ml
7) T n-Hexadecane (C16)	9.751	9690389	64.618 ug/ml
8) T n-Octadecane (C18)	11.186	9948841	64.497 ug/ml
10) T n-Eicosane (C20)	12.490	9974736	66.331 ug/ml
11) T n-Heneicosane (C21)	13.097	9715130	64.959 ug/ml
13) T n-Docosane (C22)	13.681	9610947	64.795 ug/ml
14) T n-Tetracosane (C24)	14.778	9465371	63.661 ug/ml
15) T n-Hexacosane (C26)	15.794	9354110	63.123 ug/ml
16) T n-Octacosane (C28)	16.737	9263271	63.131 ug/ml
17) T n-Tricontane (C30)	17.622	9329892	62.151 ug/ml
18) T n-Dotriacontane (C32)	18.450	9178116	62.062 ug/ml
19) T n-Tetratriacontane (C34)	19.229	8776062	60.549 ug/mlm
20) T n-Hexatriacontane (C36)	19.965	8213019	57.861 ug/ml
21) T n-Octatriacontane (C38)	20.681	7894973	55.775 ug/mlm
22) T n-Tetracontane (C40)	21.552	7625065	54.665 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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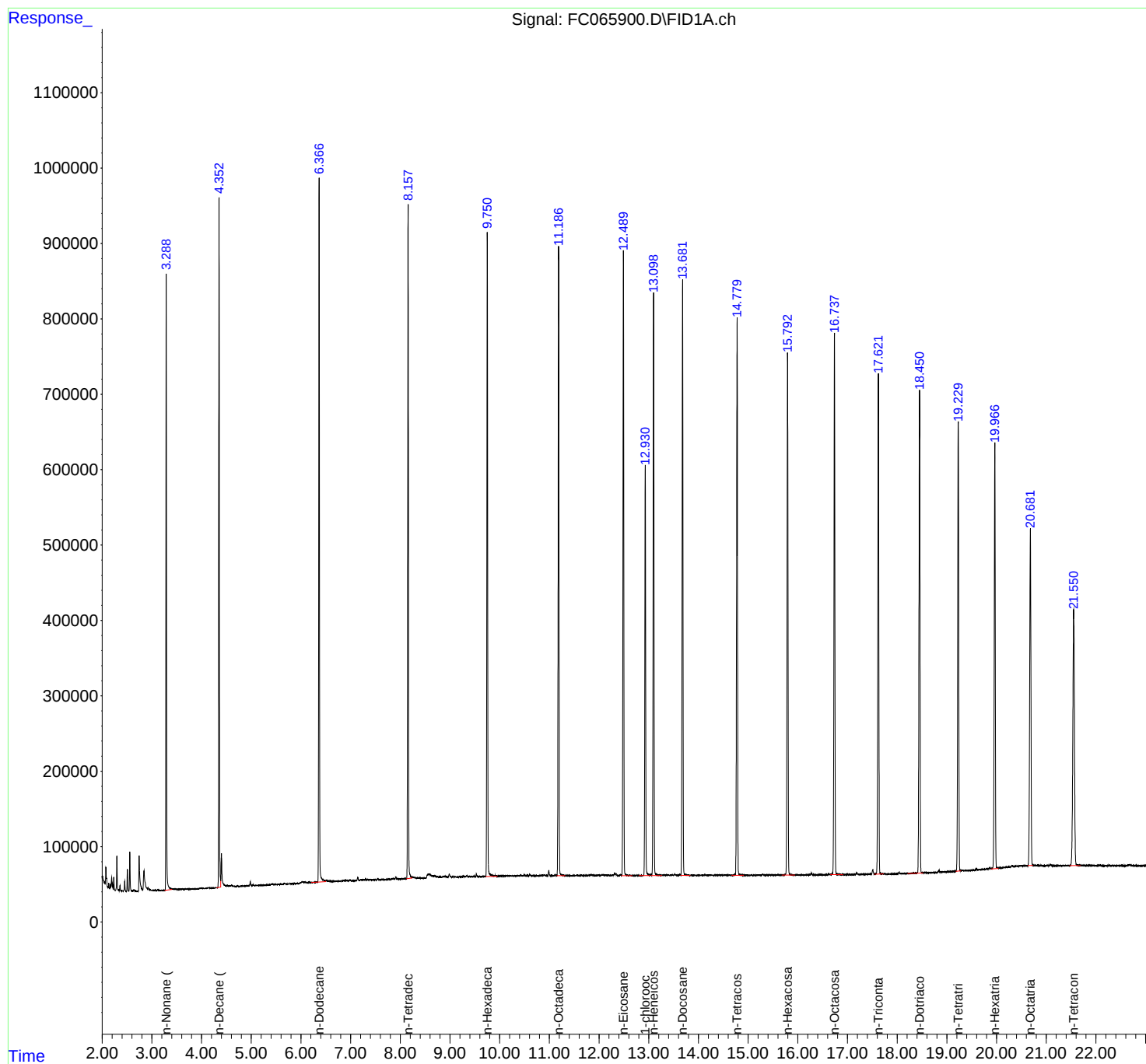
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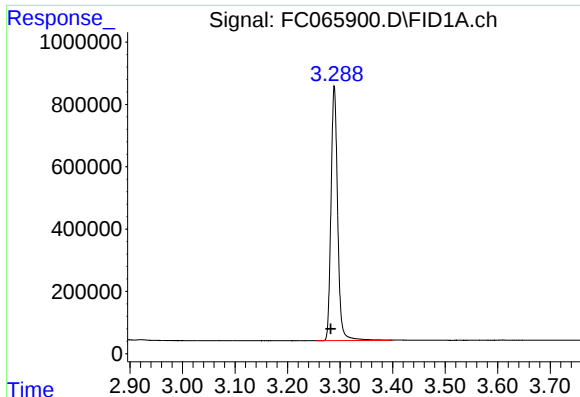
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#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: 0.007 min
Response: 7205901
Conc: 47.96 ug/ml

Instrument :

FID_C

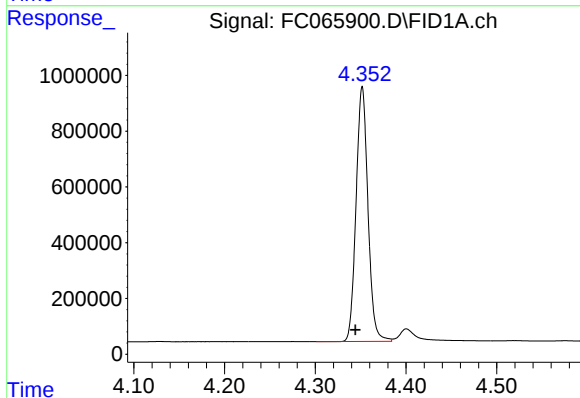
ClientSampleId :

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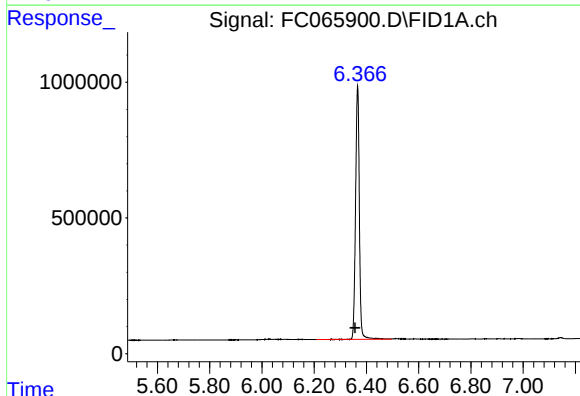
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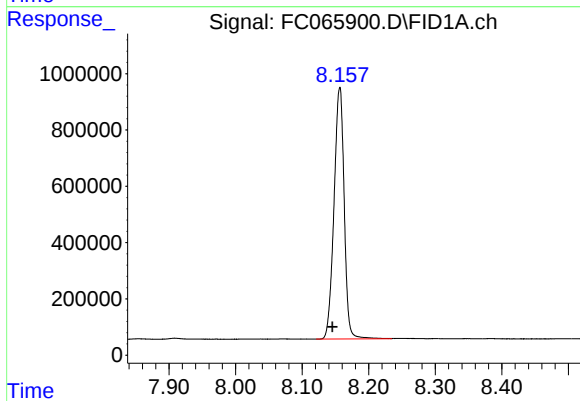
#2 n-Decane (C10)

R.T.: 4.352 min
Delta R.T.: 0.008 min
Response: 8311666
Conc: 54.67 ug/ml



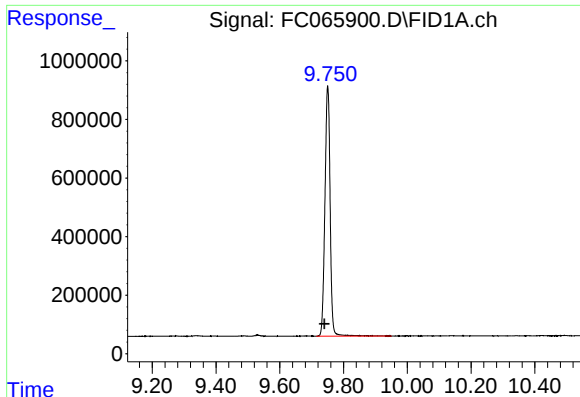
#4 n-Dodecane (C12)

R.T.: 6.366 min
Delta R.T.: 0.009 min
Response: 9421698
Conc: 61.56 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.156 min
Delta R.T.: 0.011 min
Response: 9528051
Conc: 64.18 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.751 min
Delta R.T.: 0.010 min
Response: 9690389
Conc: 64.62 ug/ml

Instrument :

FID_C

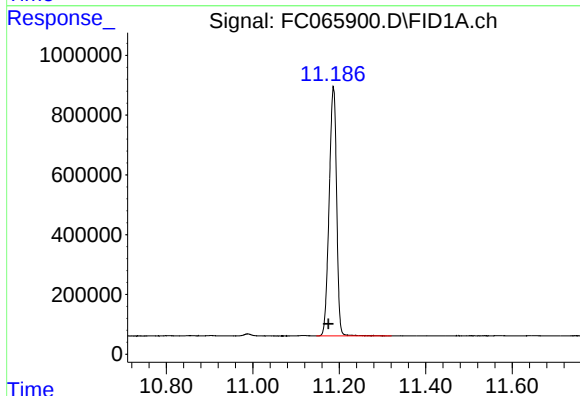
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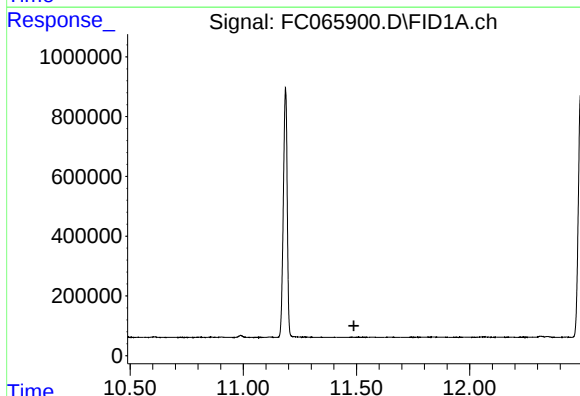
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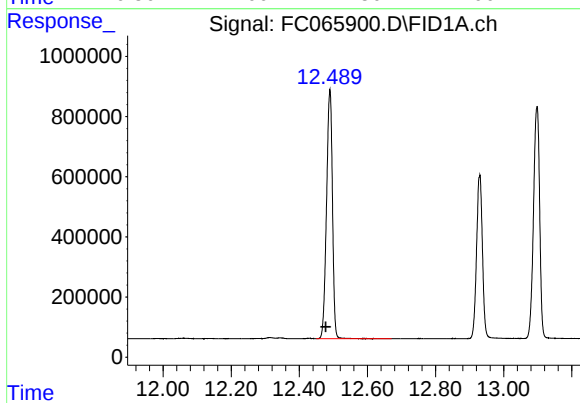
#8 n-Octadecane (C18)

R.T.: 11.186 min
Delta R.T.: 0.012 min
Response: 9948841
Conc: 64.50 ug/ml



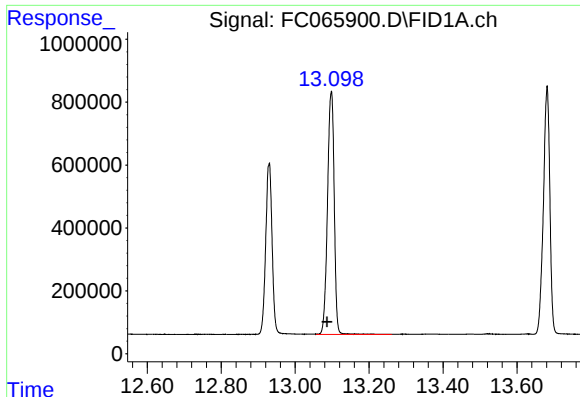
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.490 min
Delta R.T.: 0.011 min
Response: 9974736
Conc: 66.33 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.097 min
Delta R.T.: 0.011 min
Response: 9715130
Conc: 64.96 ug/ml

Instrument :

FID_C

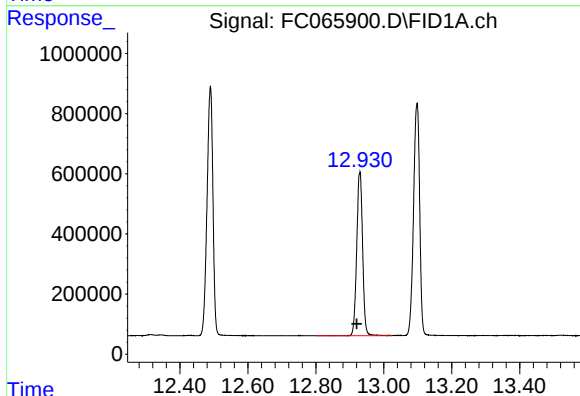
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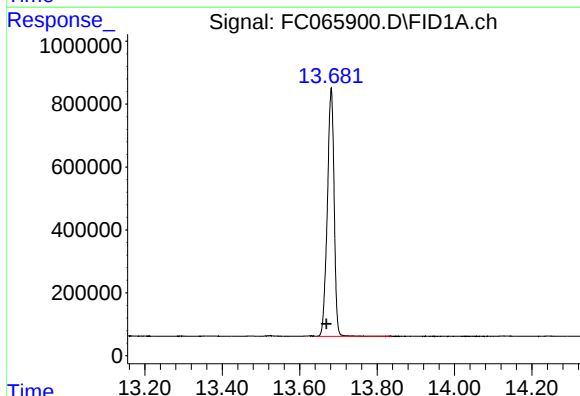
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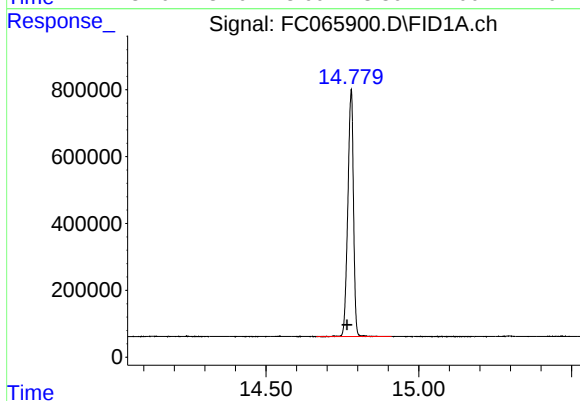
#12 1-chlorooctadecane (SURR)

R.T.: 12.929 min
Delta R.T.: 0.009 min
Response: 6554398
Conc: 52.08 ug/ml



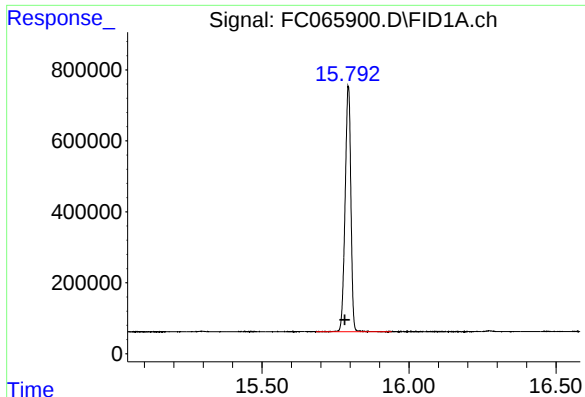
#13 n-Docosane (C22)

R.T.: 13.681 min
Delta R.T.: 0.012 min
Response: 9610947
Conc: 64.79 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.778 min
Delta R.T.: 0.012 min
Response: 9465371
Conc: 63.66 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.794 min
Delta R.T.: 0.012 min
Response: 9354110
Conc: 63.12 ug/ml

Instrument :

FID_C

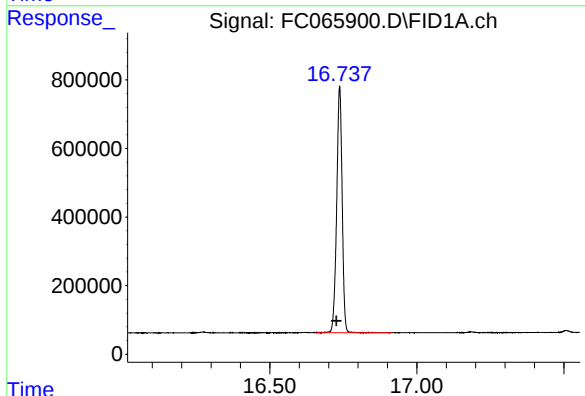
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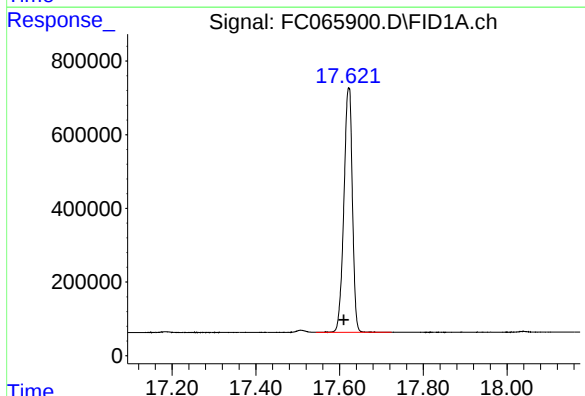
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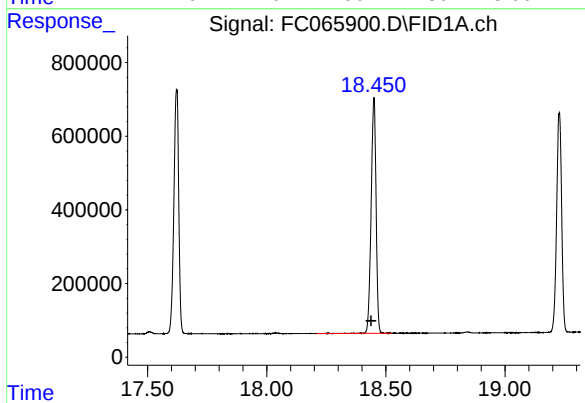
#16 n-Octacosane (C28)

R.T.: 16.737 min
Delta R.T.: 0.011 min
Response: 9263271
Conc: 63.13 ug/ml



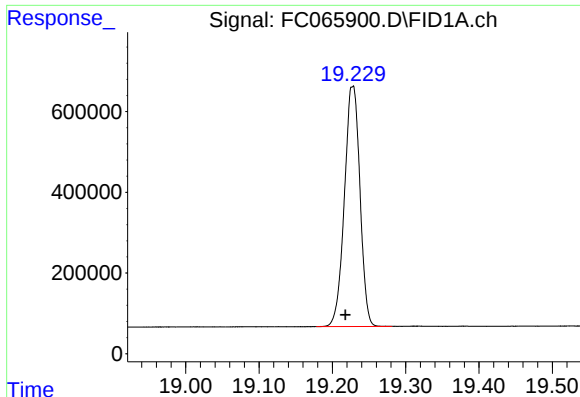
#17 n-Tricontane (C30)

R.T.: 17.622 min
Delta R.T.: 0.012 min
Response: 9329892
Conc: 62.15 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.450 min
Delta R.T.: 0.012 min
Response: 9178116
Conc: 62.06 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.229 min
Delta R.T.: 0.011 min
Response: 8776062
Conc: 60.55 ug/ml

Instrument :

FID_C

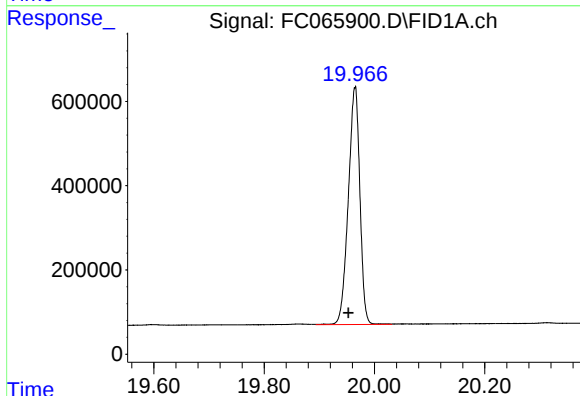
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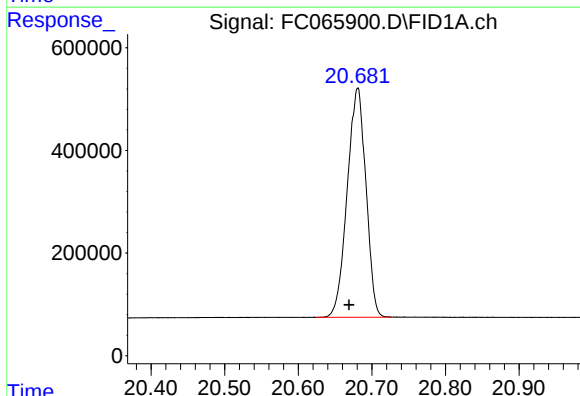
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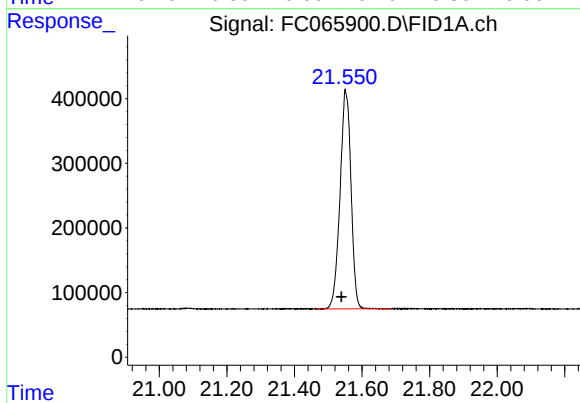
#20 n-Hexatriacontane (C36)

R.T.: 19.965 min
Delta R.T.: 0.012 min
Response: 8213019
Conc: 57.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.681 min
Delta R.T.: 0.012 min
Response: 7894973
Conc: 55.78 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.552 min
Delta R.T.: 0.013 min
Response: 7625065
Conc: 54.66 ug/ml