

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022224AL\
 Data File : FC065839.D
 Signal(s) : FID1A.ch
 Acq On : 23 Feb 2024 04:41
 Operator : YP/AJ
 Sample : P1523-10MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/23/2024

Supervised By :Ankita Jodhani 02/23/2024

Integration File: autoint1.e

Quant Time: Feb 23 06:29:49 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...	12.933	5292142	42.051 ug/ml
Spiked Amount 50.000		Recovery =	84.10%
Target Compounds			
1) T n-Nonane (C9)	3.288	3950179	26.293 ug/ml
2) T n-Decane (C10)	4.352	5229140	34.393 ug/ml
4) T n-Dodecane (C12)	6.366	6712290	43.856 ug/ml
6) T n-Tetradecane (C14)	8.157	7280313	49.037 ug/ml
7) T n-Hexadecane (C16)	9.751	7605644	50.716 ug/ml
8) T n-Octadecane (C18)	11.188	7970758	51.673 ug/ml
10) T n-Eicosane (C20)	12.492	8076788	53.710 ug/ml
11) T n-Heneicosane (C21)	13.100	7930095	53.024 ug/ml
13) T n-Docosane (C22)	13.683	7900743	53.265 ug/ml
14) T n-Tetracosane (C24)	14.781	7888413	53.055 ug/ml
15) T n-Hexacosane (C26)	15.798	7937547	53.563 ug/ml
16) T n-Octacosane (C28)	16.742	7930275	54.047 ug/ml
17) T n-Tricontane (C30)	17.626	8083913	53.851 ug/ml
18) T n-Dotriacontane (C32)	18.455	7921109	53.562 ug/ml
19) T n-Tetratriacontane (C34)	19.237	7564646	52.191 ug/ml
20) T n-Hexatriacontane (C36)	19.970	6888288	48.528 ug/mlm
21) T n-Octatriacontane (C38)	20.689	6569972	46.414 ug/mlm
22) T n-Tetracontane (C40)	21.565	6323380	45.333 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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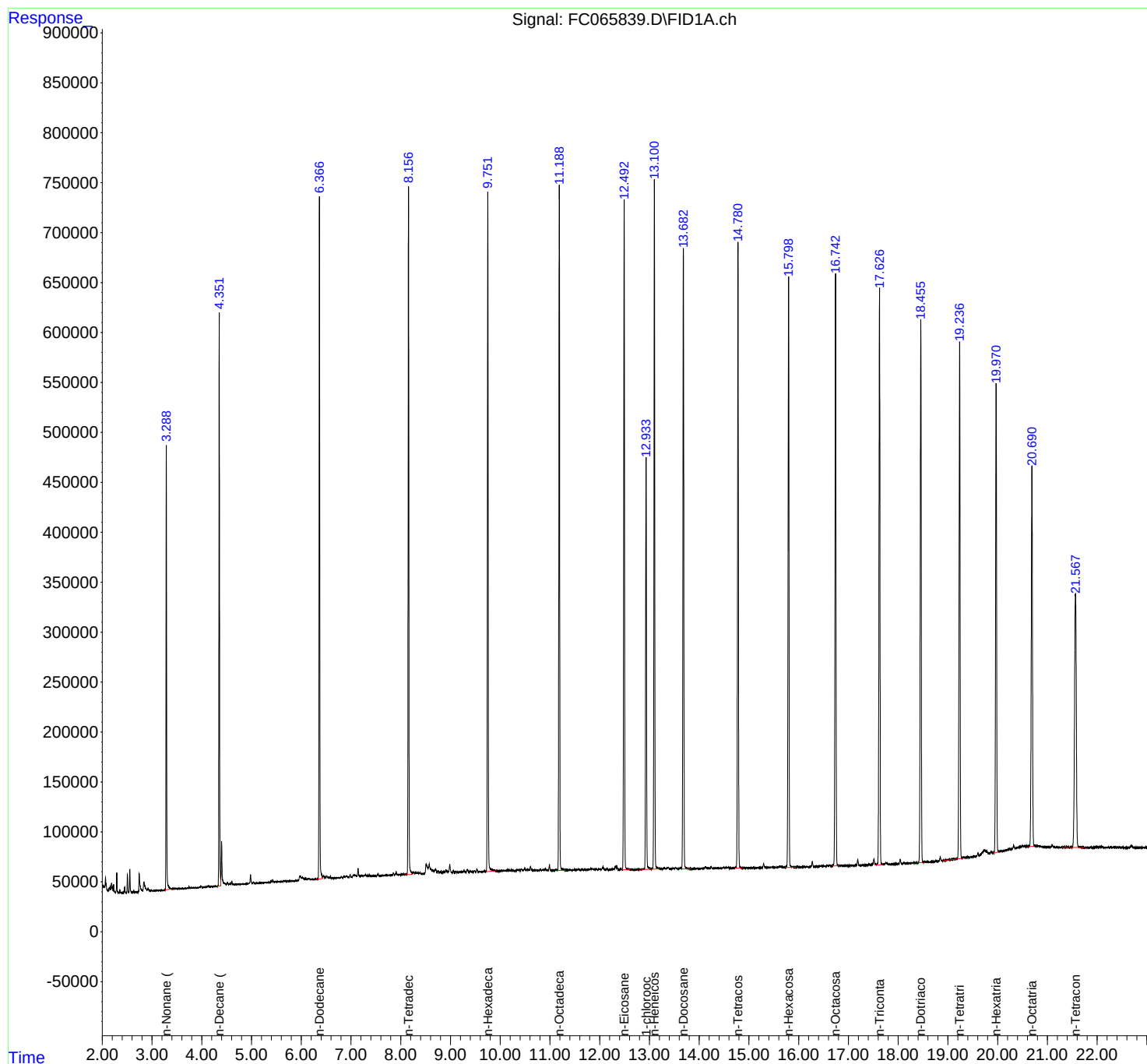
Instrument :
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20240768-AMENDED-COMP-39N-N-3-03MSD

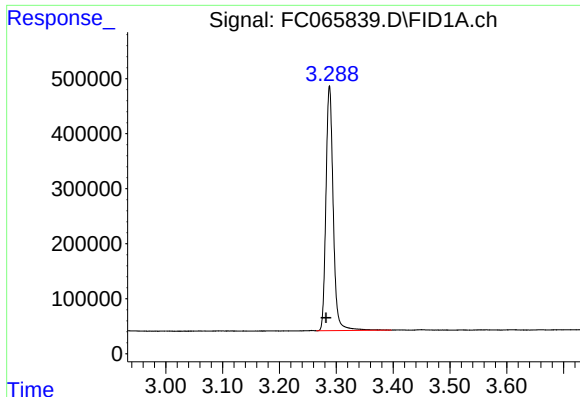
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.288 min
Delta R.T.: 0.006 min
Response: 3950179
Conc: 26.29 ug/ml

Instrument :

FID_C

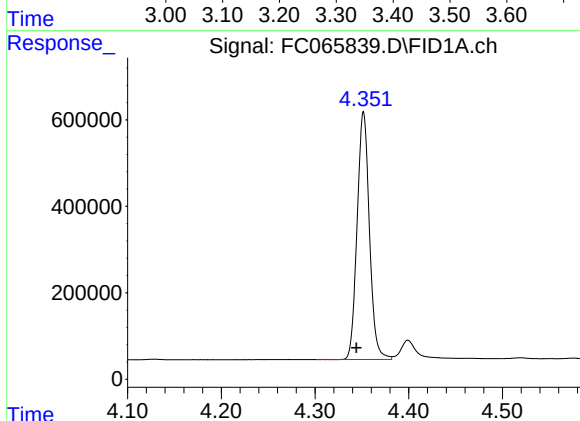
ClientSampleId :

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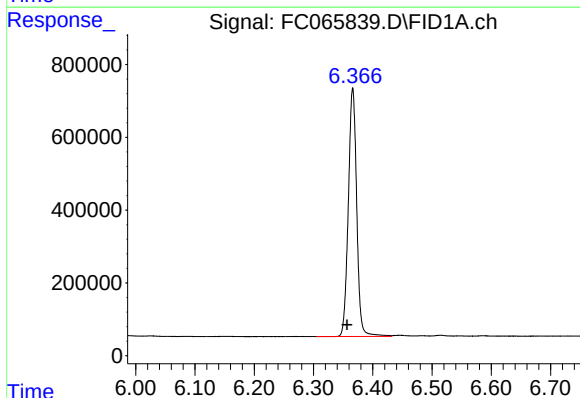
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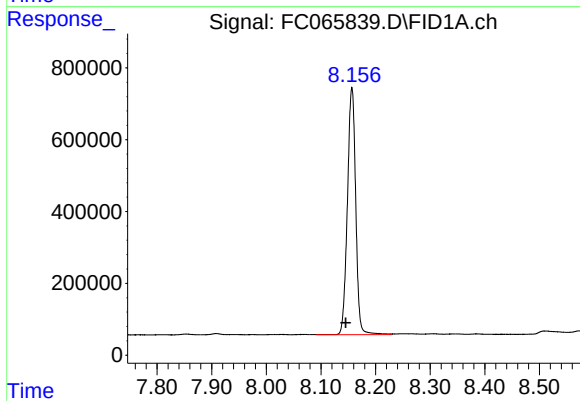
#2 n-Decane (C10)

R.T.: 4.352 min
Delta R.T.: 0.008 min
Response: 5229140
Conc: 34.39 ug/ml



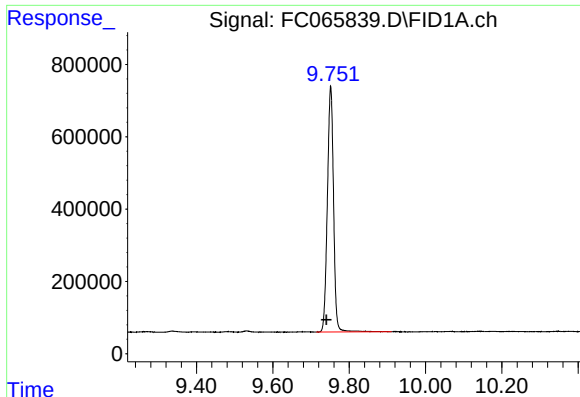
#4 n-Dodecane (C12)

R.T.: 6.366 min
Delta R.T.: 0.009 min
Response: 6712290
Conc: 43.86 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.157 min
Delta R.T.: 0.011 min
Response: 7280313
Conc: 49.04 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.751 min
Delta R.T.: 0.011 min
Response: 7605644
Conc: 50.72 ug/ml

Instrument :

FID_C

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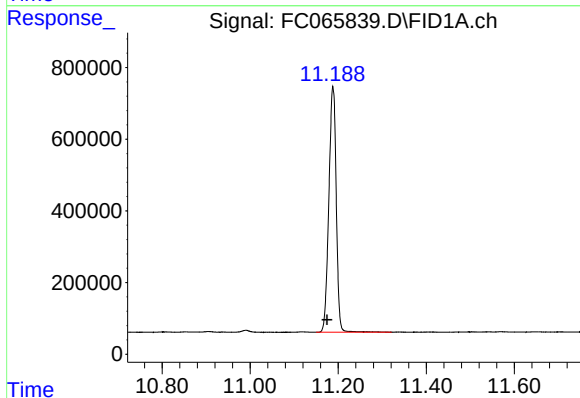
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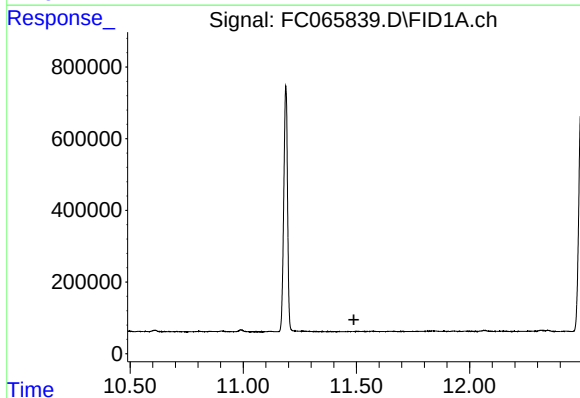
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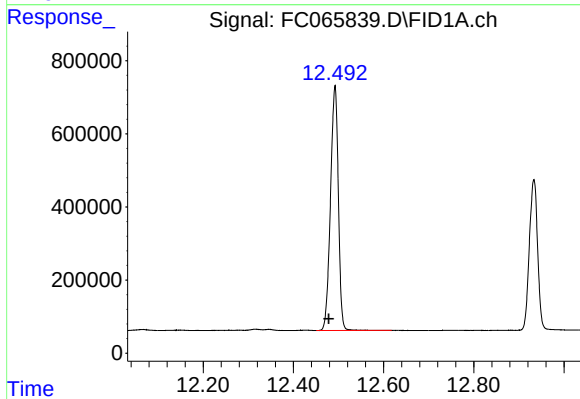
#8 n-Octadecane (C18)

R.T.: 11.188 min
Delta R.T.: 0.013 min
Response: 7970758
Conc: 51.67 ug/ml



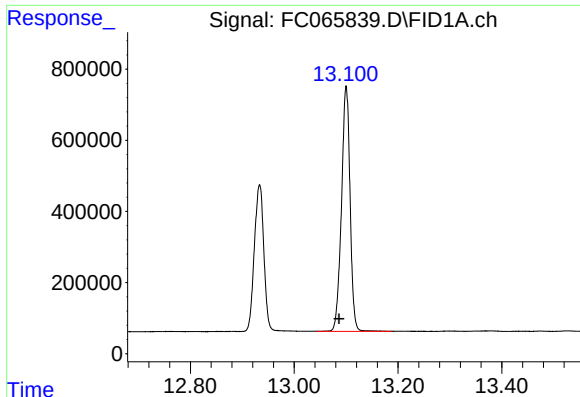
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.492 min
Delta R.T.: 0.014 min
Response: 8076788
Conc: 53.71 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.100 min
Delta R.T.: 0.014 min
Response: 7930095
Conc: 53.02 ug/ml

Instrument :

FID_C

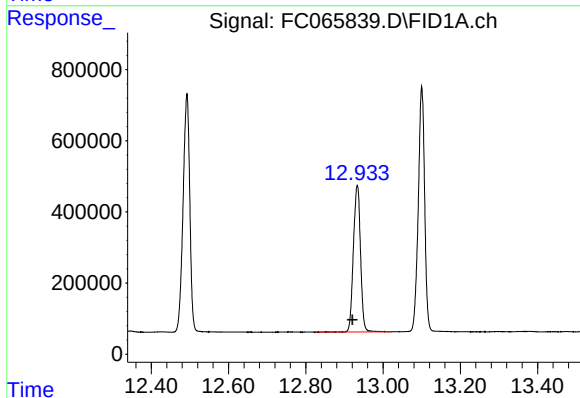
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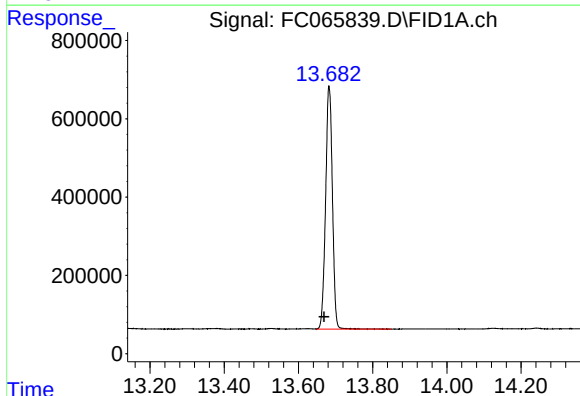
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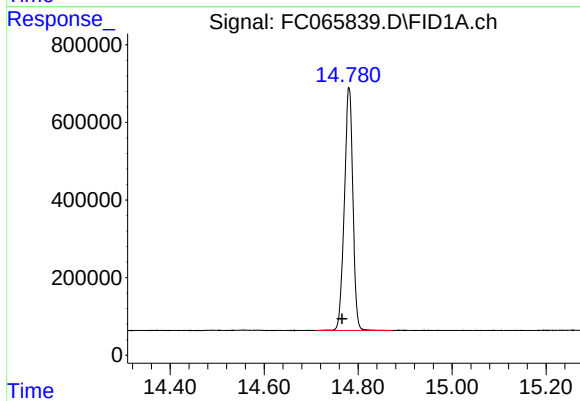
#12 1-chlorooctadecane (SURR)

R.T.: 12.933 min
Delta R.T.: 0.013 min
Response: 5292142
Conc: 42.05 ug/ml



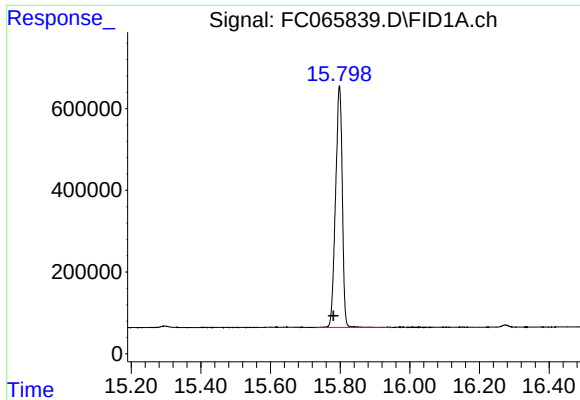
#13 n-Docosane (C22)

R.T.: 13.683 min
Delta R.T.: 0.014 min
Response: 7900743
Conc: 53.27 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.781 min
Delta R.T.: 0.015 min
Response: 7888413
Conc: 53.05 ug/ml



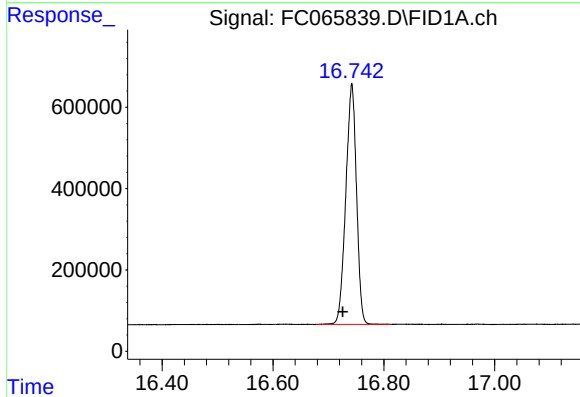
#15 n-Hexacosane (C26)

R.T.: 15.798 min
Delta R.T.: 0.017 min
Response: 7937547
Conc: 53.56 ug/ml

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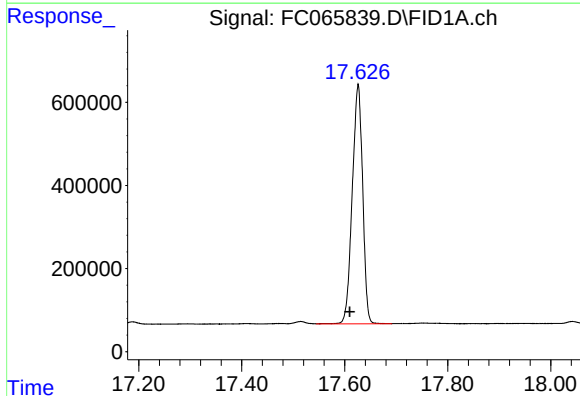
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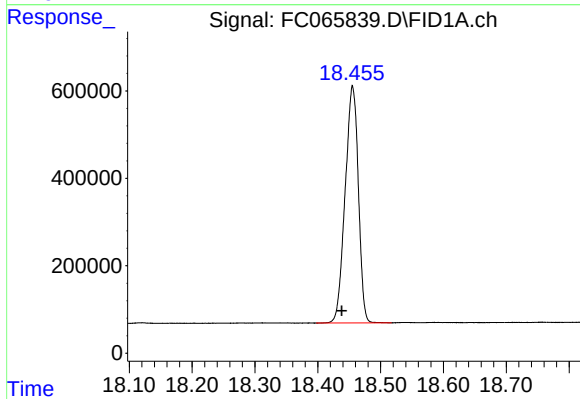
#16 n-Octacosane (C28)

R.T.: 16.742 min
Delta R.T.: 0.016 min
Response: 7930275
Conc: 54.05 ug/ml



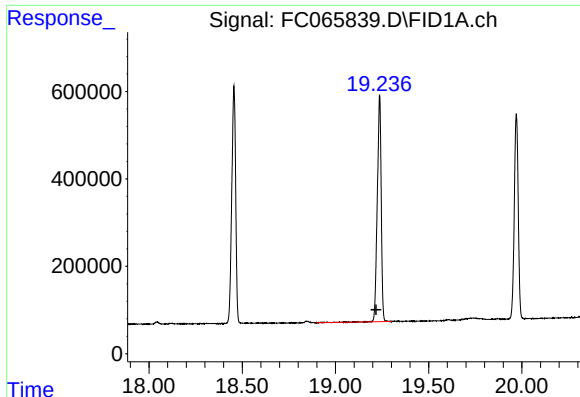
#17 n-Tricontane (C30)

R.T.: 17.626 min
Delta R.T.: 0.016 min
Response: 8083913
Conc: 53.85 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.455 min
Delta R.T.: 0.017 min
Response: 7921109
Conc: 53.56 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.237 min
Delta R.T.: 0.019 min
Response: 7564646
Conc: 52.19 ug/ml

Instrument :

FID_C

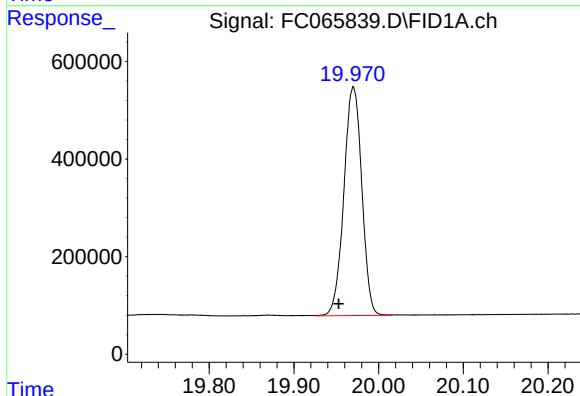
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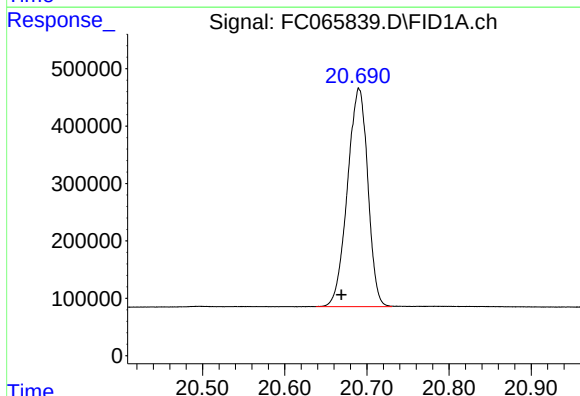
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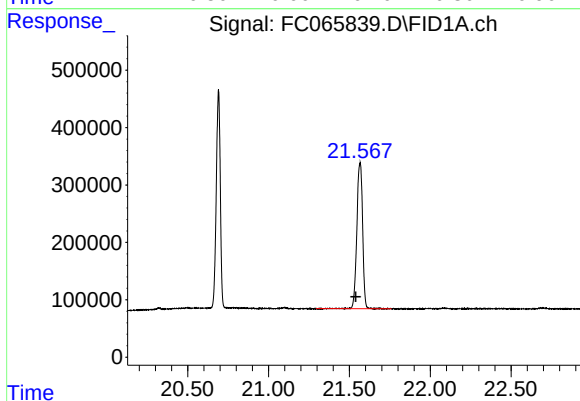
#20 n-Hexatriacontane (C36)

R.T.: 19.970 min
Delta R.T.: 0.017 min
Response: 6888288
Conc: 48.53 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.689 min
Delta R.T.: 0.020 min
Response: 6569972
Conc: 46.41 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.565 min
Delta R.T.: 0.026 min
Response: 6323380
Conc: 45.33 ug/ml