

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020524AL\
 Data File : FC065623.D
 Signal(s) : FID1A.ch
 Acq On : 05 Feb 2024 11:55
 Operator : YP/AJ
 Sample : PB158802BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB158802BS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 02/12/2024
 Supervised By :Sohil Jodhani 02/12/2024

Integration File: autoint1.e
 Quant Time: Feb 06 04:41:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:12:33 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			
9) S ortho-Terphenyl (SURR)	11.494	9037996	49.699 ug/ml
Spiked Amount 50.000		Recovery =	99.40%
12) S 1-chlorooctadecane (S...	12.925	7586819	56.284 ug/ml
Spiked Amount 50.000		Recovery =	112.57%
Target Compounds			
1) T n-Nonane (C9)	3.293	5542973	35.483 ug/ml
2) T n-Decane (C10)	4.351	5839589	36.913 ug/ml
3) T A~Naphthalene (C11.7)	5.933	7032021	42.050 ug/ml
4) T n-Dodecane (C12)	6.360	6590793	41.079 ug/ml
5) T A~2-methylnaphthalene...	6.987	7457642	48.328 ug/ml
6) T n-Tetradecane (C14)	8.150	7695711	49.067 ug/ml
7) T n-Hexadecane (C16)	9.744	8304068	51.925 ug/ml
8) T n-Octadecane (C18)	11.180	8627918	52.678 ug/ml
10) T n-Eicosane (C20)	12.483	8682159	54.509 ug/ml
11) T n-Heneicosane (C21)	13.092	8477040	54.030 ug/ml
13) T n-Docosane (C22)	13.675	8363805	53.569 ug/ml
14) T n-Tetracosane (C24)	14.770	17889884	115.100 ug/mlm
15) T n-Hexacosane (C26)	15.789	8128328	52.948 ug/ml
16) T n-Octacosane (C28)	16.734	9212805	61.123 ug/ml
17) T n-Tricontane (C30)	17.619	8012503	52.462 ug/ml
18) T n-Dotriacontane (C32)	18.446	8066918	53.575 ug/ml
19) T n-Tetratriacontane (C34)	19.226	7438807	51.809 ug/ml
20) T n-Hexatriacontane (C36)	19.961	6969537	50.593 ug/ml
21) T n-Octatriacontane (C38)	20.679	6801326	49.159 ug/ml
22) T n-Tetracontane (C40)	21.550	6624270	47.873 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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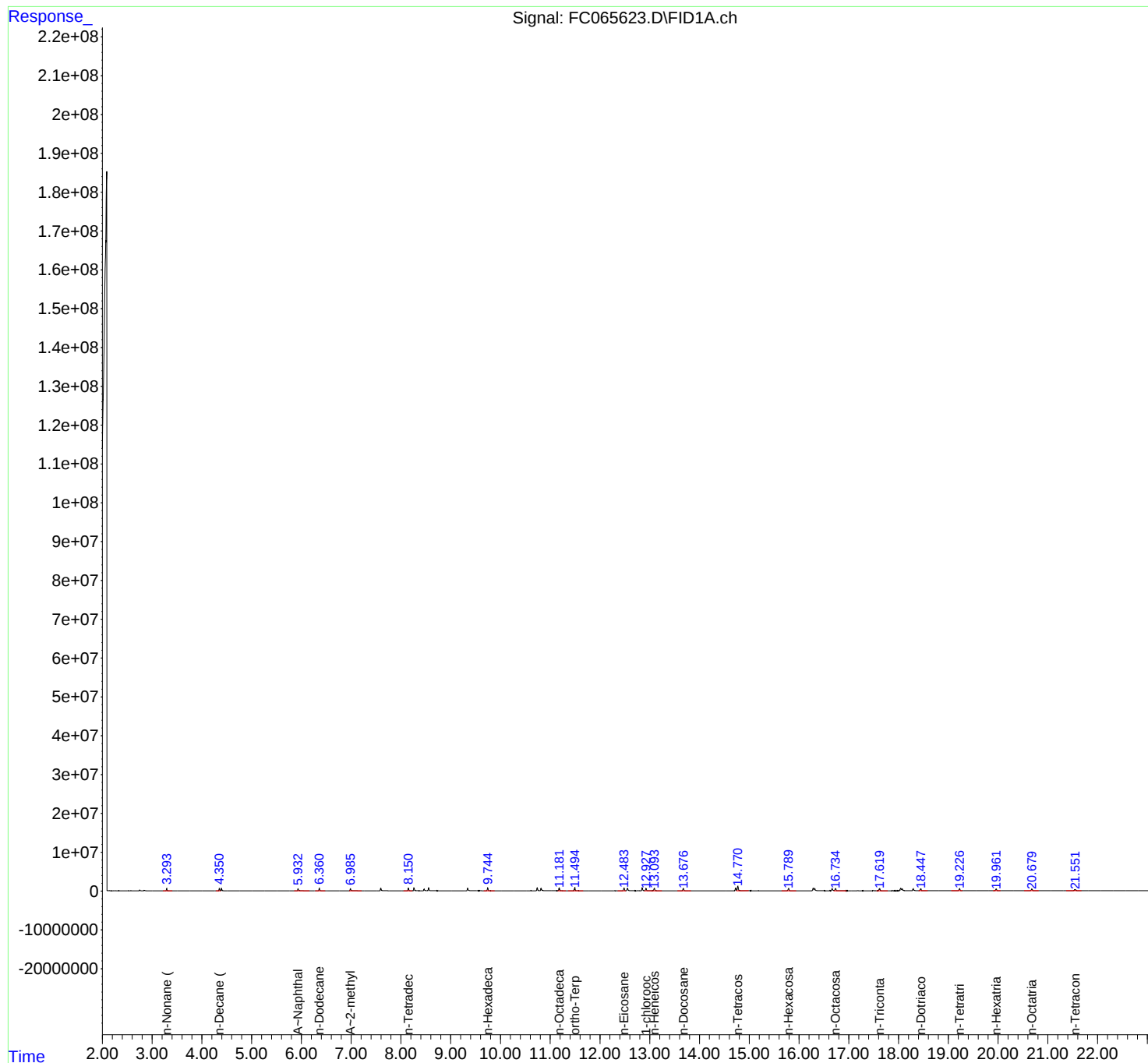
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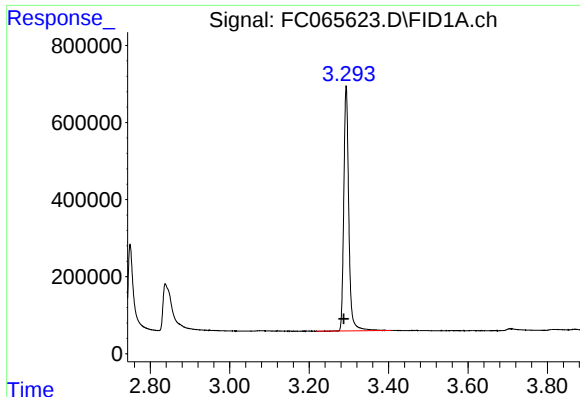
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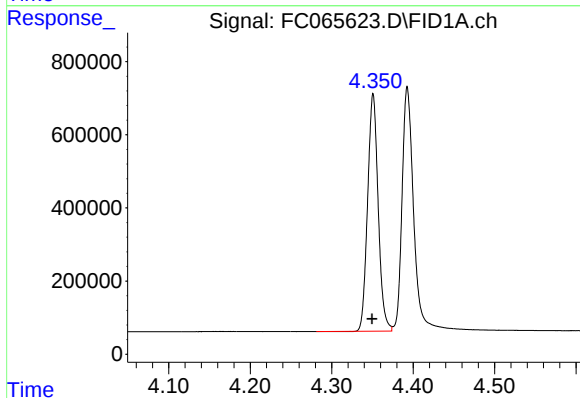
#1 n-Nonane (C9)

R.T.: 3.293 min
Delta R.T.: 0.006 min
Response: 5542973
Conc: 35.48 ug/ml

Instrument :
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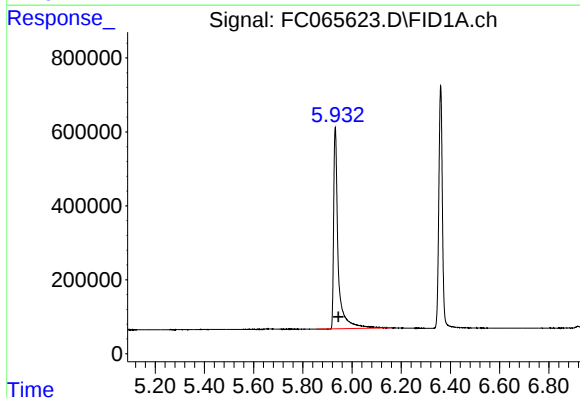
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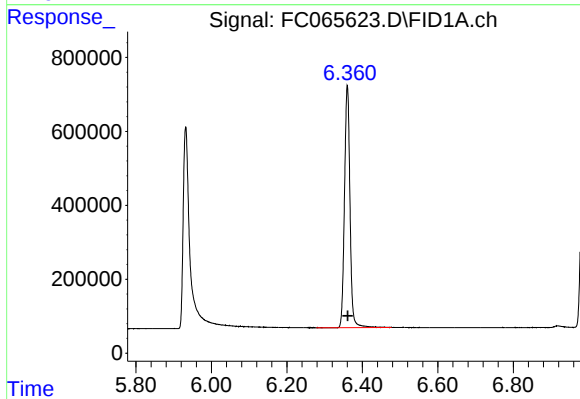
#2 n-Decane (C10)

R.T.: 4.351 min
Delta R.T.: 0.001 min
Response: 5839589
Conc: 36.91 ug/ml



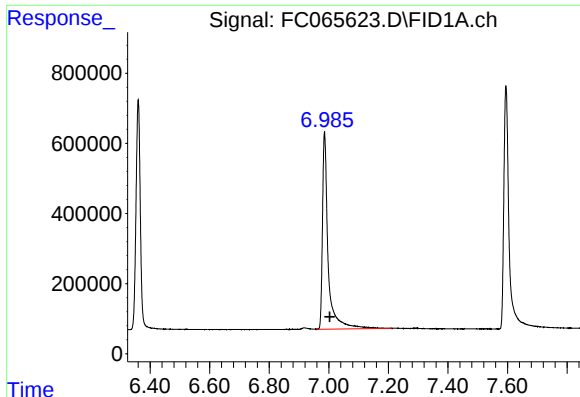
#3 A~Naphthalene (C11.7)

R.T.: 5.933 min
Delta R.T.: -0.012 min
Response: 7032021
Conc: 42.05 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.360 min
Delta R.T.: -0.001 min
Response: 6590793
Conc: 41.08 ug/ml



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

R.T.: 6.987 min
Delta R.T.: -0.017 min
Response: 7457642
Conc: 48.33 ug/ml

Instrument :

FID_C

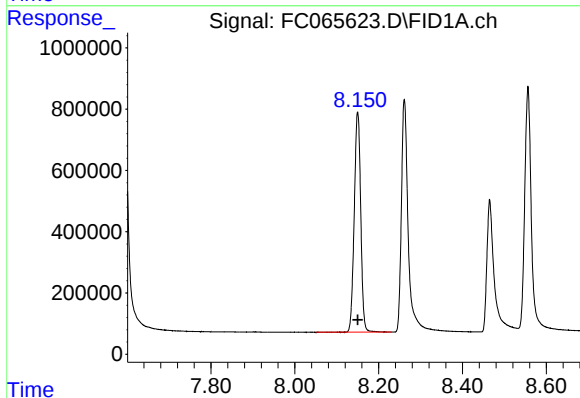
ClientSampleId :

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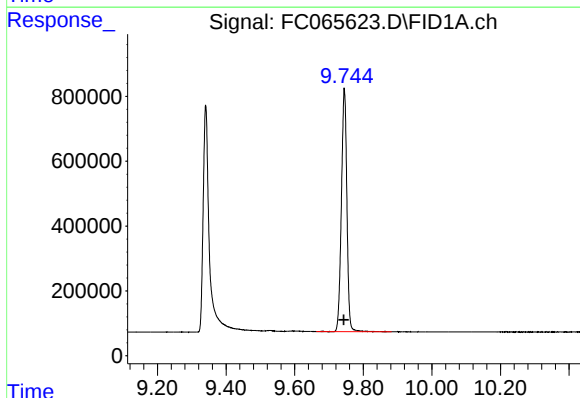
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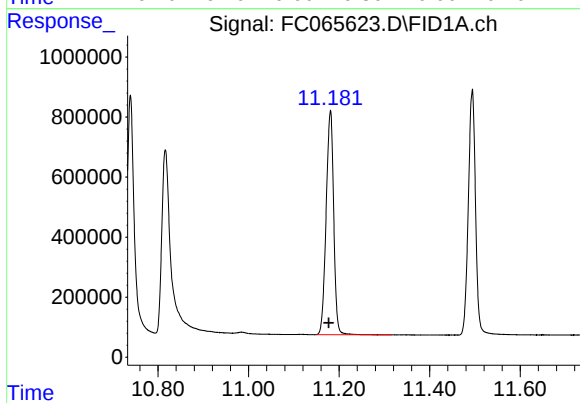
#6 n-Tetradecane (C14)

R.T.: 8.150 min
Delta R.T.: 0.000 min
Response: 7695711
Conc: 49.07 ug/ml



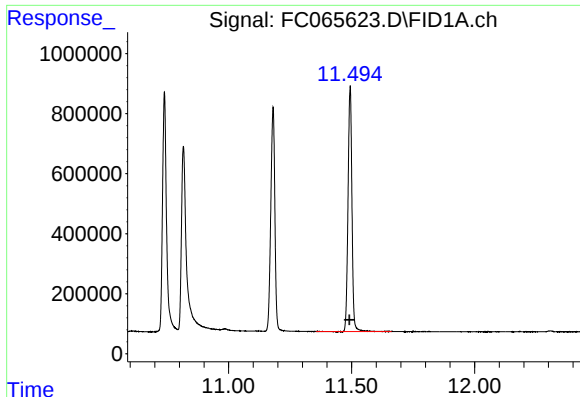
#7 n-Hexadecane (C16)

R.T.: 9.744 min
Delta R.T.: 0.000 min
Response: 8304068
Conc: 51.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.180 min
Delta R.T.: 0.003 min
Response: 8627918
Conc: 52.68 ug/ml



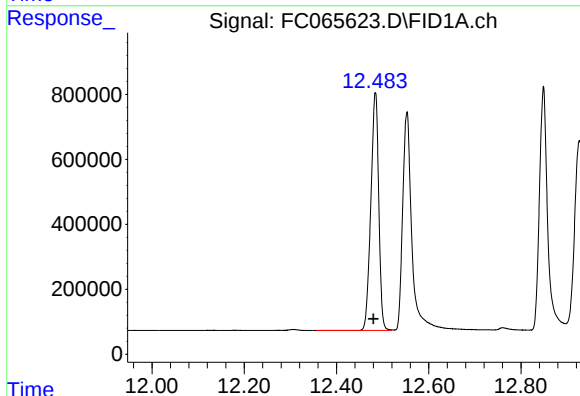
#9 ortho-Terphenyl (SURR)

R.T.: 11.494 min
Delta R.T.: 0.003 min
Response: 9037996
Conc: 49.70 ug/ml

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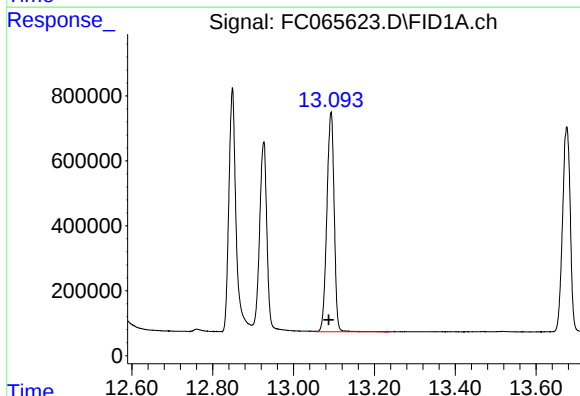
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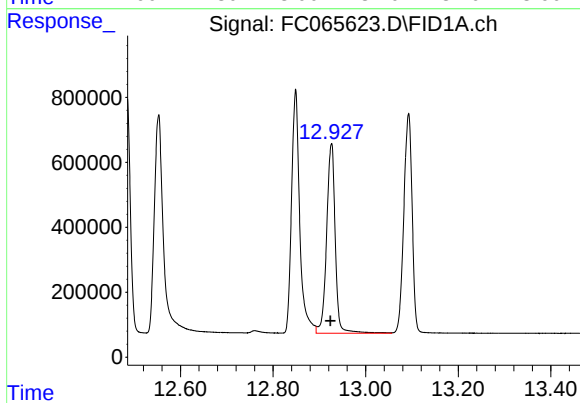
#10 n-Eicosane (C20)

R.T.: 12.483 min
Delta R.T.: 0.004 min
Response: 8682159
Conc: 54.51 ug/ml



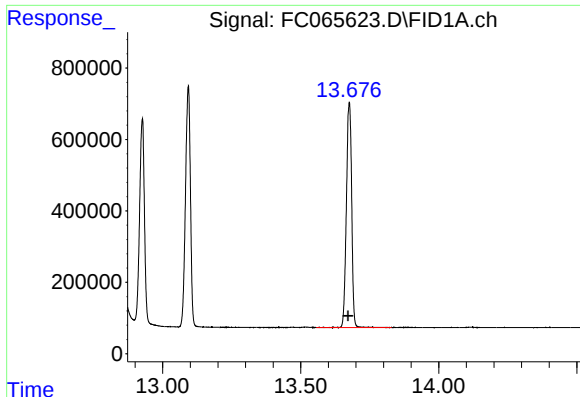
#11 n-Heneicosane (C21)

R.T.: 13.092 min
Delta R.T.: 0.005 min
Response: 8477040
Conc: 54.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.925 min
Delta R.T.: 0.002 min
Response: 7586819
Conc: 56.28 ug/ml



#13 n-Docosane (C22)

R.T.: 13.675 min
Delta R.T.: 0.004 min
Response: 8363805
Conc: 53.57 ug/ml

Instrument :

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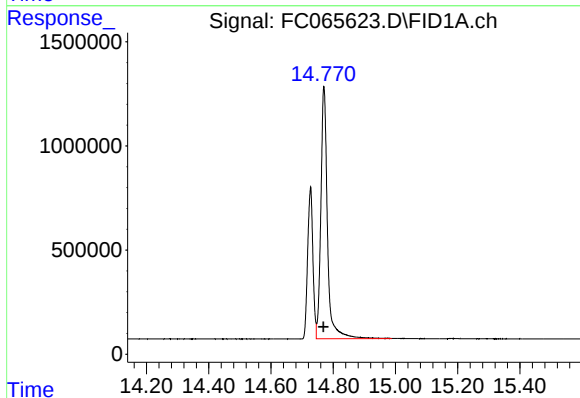
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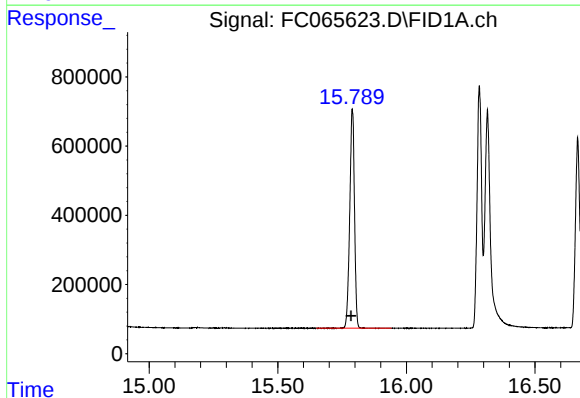
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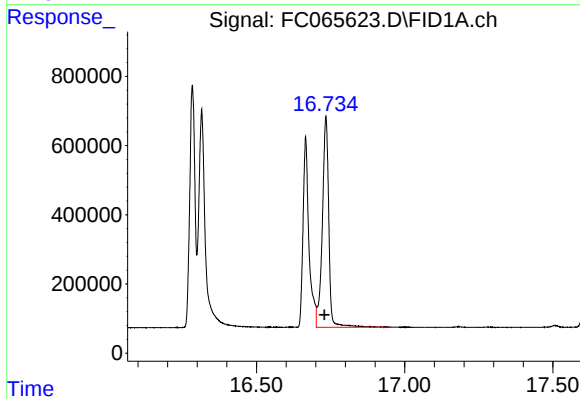
#14 n-Tetracosane (C24)

R.T.: 14.770 min
Delta R.T.: 0.000 min
Response: 17889884
Conc: 115.10 ug/ml m



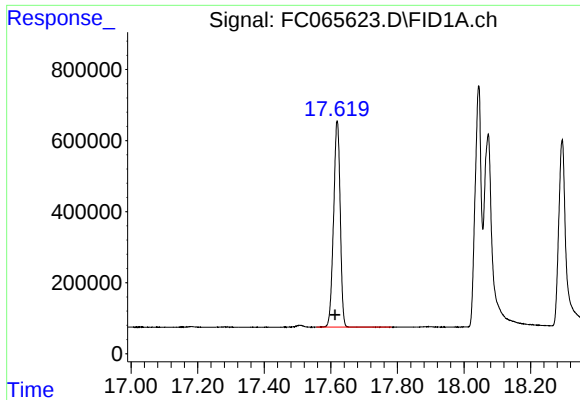
#15 n-Hexacosane (C26)

R.T.: 15.789 min
Delta R.T.: 0.005 min
Response: 8128328
Conc: 52.95 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.734 min
Delta R.T.: 0.005 min
Response: 9212805
Conc: 61.12 ug/ml



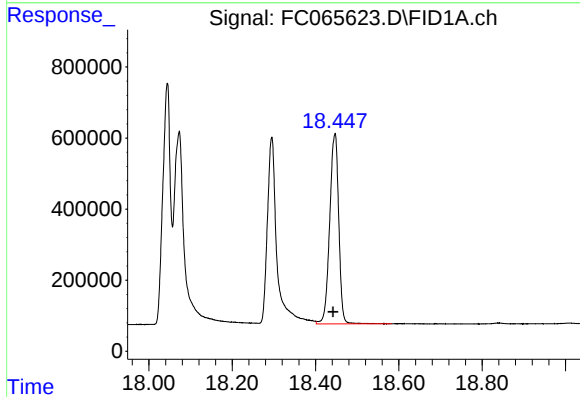
#17 n-Tricontane (C30)

R.T.: 17.619 min
Delta R.T.: 0.006 min
Response: 8012503
Conc: 52.46 ug/ml

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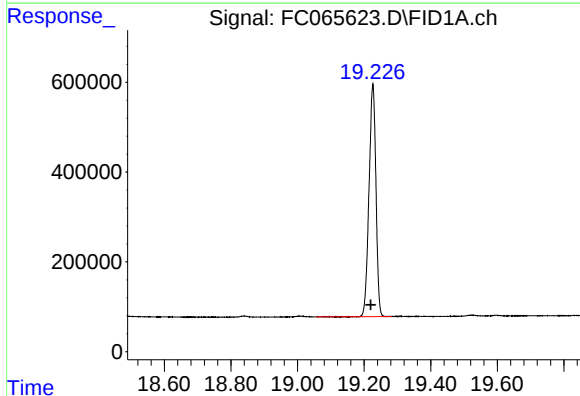
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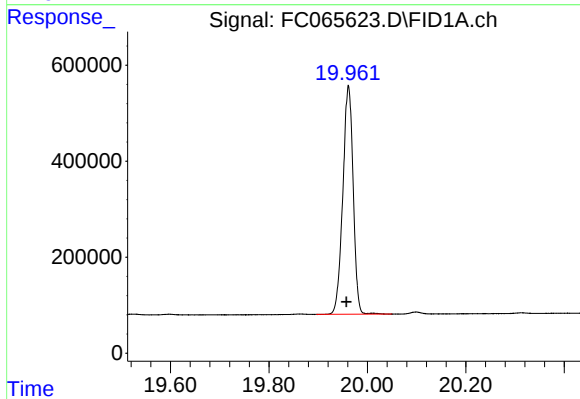
#18 n-Dotriacontane (C32)

R.T.: 18.446 min
Delta R.T.: 0.004 min
Response: 8066918
Conc: 53.57 ug/ml



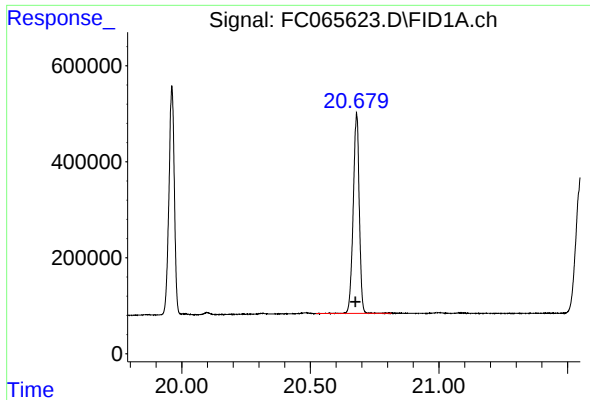
#19 n-Tetratriacontane (C34)

R.T.: 19.226 min
Delta R.T.: 0.006 min
Response: 7438807
Conc: 51.81 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.961 min
Delta R.T.: 0.004 min
Response: 6969537
Conc: 50.59 ug/ml



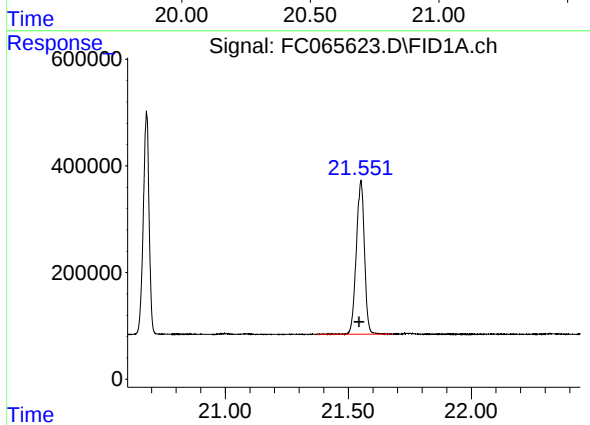
#21 n-Octatriacontane (C38)

R.T.: 20.679 min
Delta R.T.: 0.004 min
Response: 6801326
Conc: 49.16 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.550 min
Delta R.T.: 0.007 min
Response: 6624270
Conc: 47.87 ug/ml