

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021324AL\
 Data File : FC065733.D
 Signal(s) : FID1A.ch
 Acq On : 13 Feb 2024 11:00
 Operator : YP/AJ
 Sample : PB158967BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB158967BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024

Integration File: autoint1.e

Quant Time: Feb 14 00:35:33 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			
9) S ortho-Terphenyl (SURR)	11.494	3860076	22.503 ug/ml
Spiked Amount 50.000		Recovery =	45.01%
12) S 1-chlorooctadecane (S...	12.926	3353381	26.646 ug/ml
Spiked Amount 50.000		Recovery =	53.29%
Target Compounds			
1) T n-Nonane (C9)	3.296	5226422	34.788 ug/ml
2) T n-Decane (C10)	4.352	5438777	35.771 ug/ml
3) T A~Naphthalene (C11.7)	5.932	6085537	39.463 ug/ml
4) T n-Dodecane (C12)	6.360	5709250	37.303 ug/ml
5) T A~2-methylnaphthalene...	6.985	5935245	41.681 ug/ml
6) T n-Tetradecane (C14)	8.150	5767898	38.850 ug/ml
7) T n-Hexadecane (C16)	9.744	5690450	37.945 ug/ml
8) T n-Octadecane (C18)	11.180	5804939	37.633 ug/ml
10) T n-Eicosane (C20)	12.485	5839101	38.829 ug/ml
11) T n-Heneicosane (C21)	13.093	5656193	37.820 ug/ml
13) T n-Docosane (C22)	13.676	5639603	38.021 ug/ml
14) T n-Tetracosane (C24)	14.773	12261395	82.466 ug/ml
15) T n-Hexacosane (C26)	15.792	5580179	37.656 ug/ml
16) T n-Octacosane (C28)	16.736	6023051	41.048 ug/ml
17) T n-Tricontane (C30)	17.622	5715129	38.071 ug/ml
18) T n-Dotriacontane (C32)	18.450	5717242	38.660 ug/ml
19) T n-Tetratriacontane (C34)	19.230	5307910	36.621 ug/ml
20) T n-Hexatriacontane (C36)	19.966	4518901	31.836 ug/mlm
21) T n-Octatriacontane (C38)	20.683	3691475	26.079 ug/ml
22) T n-Tetracontane (C40)	21.557	2909196	20.856 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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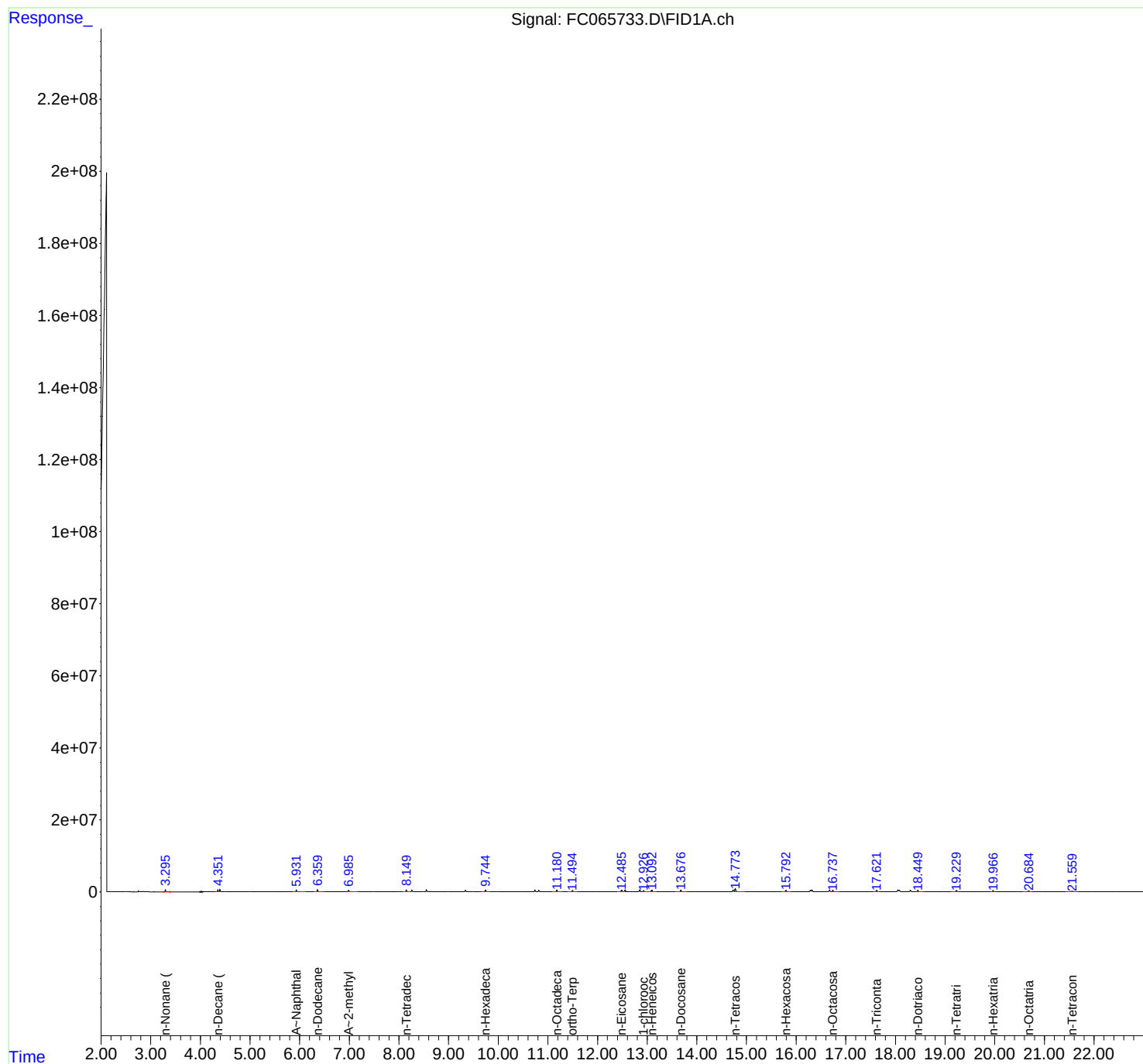
Instrument :
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PB158967BSD

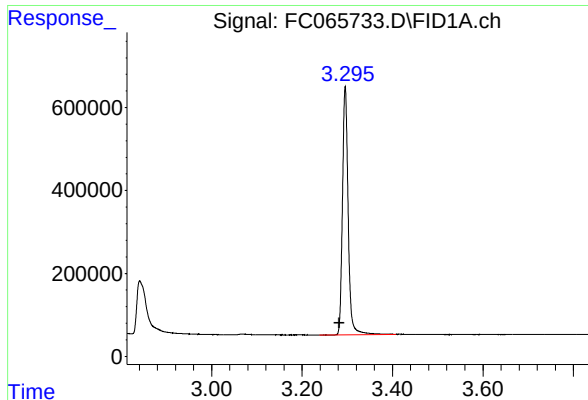
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.296 min
Delta R.T.: 0.014 min
Response: 5226422
Conc: 34.79 ug/ml

Instrument :

FID_C

ClientSampleId :

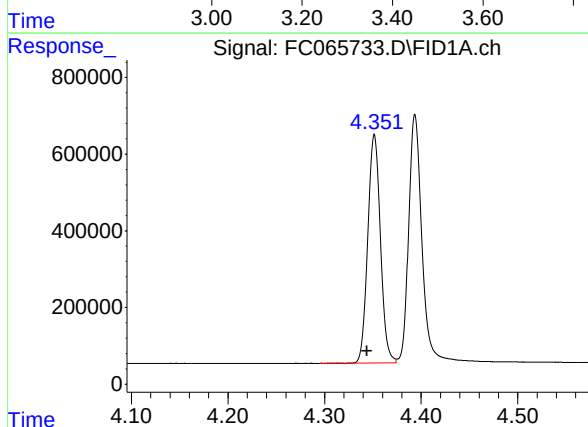
PB158967BSD

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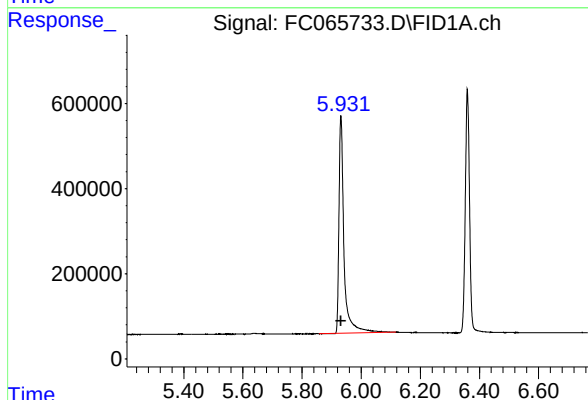
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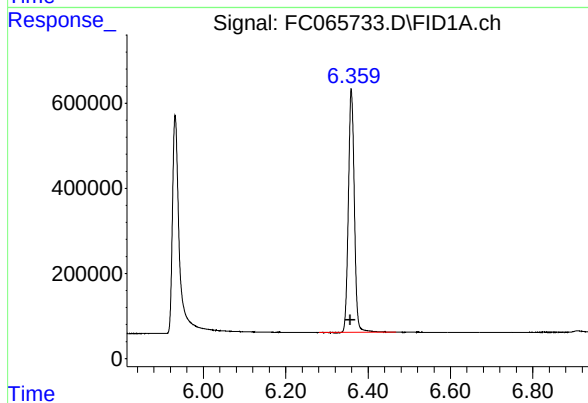
#2 n-Decane (C10)

R.T.: 4.352 min
Delta R.T.: 0.007 min
Response: 5438777
Conc: 35.77 ug/ml



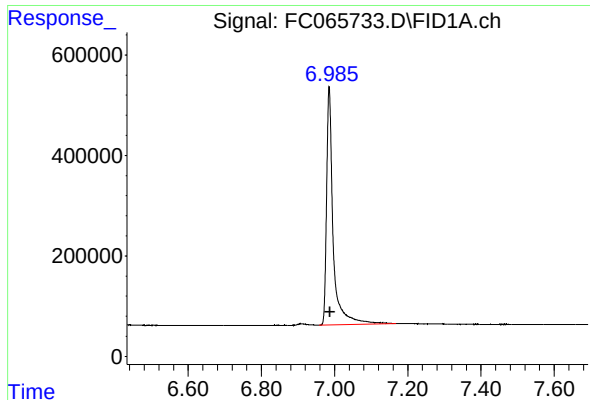
#3 A~Naphthalene (C11.7)

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 6085537
Conc: 39.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.360 min
Delta R.T.: 0.003 min
Response: 5709250
Conc: 37.30 ug/ml



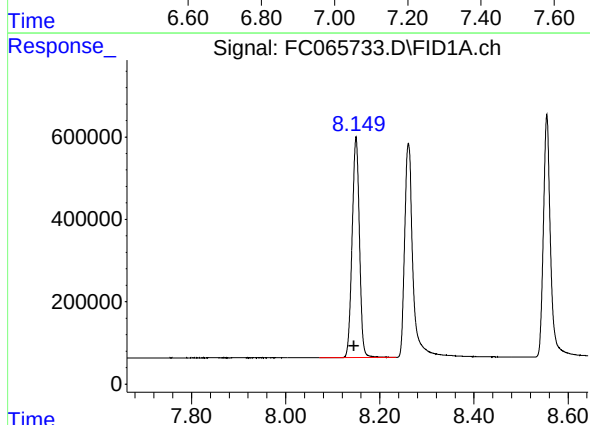
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.985 min
Delta R.T.: -0.002 min
Response: 5935245
Conc: 41.68 ug/ml

Instrument :
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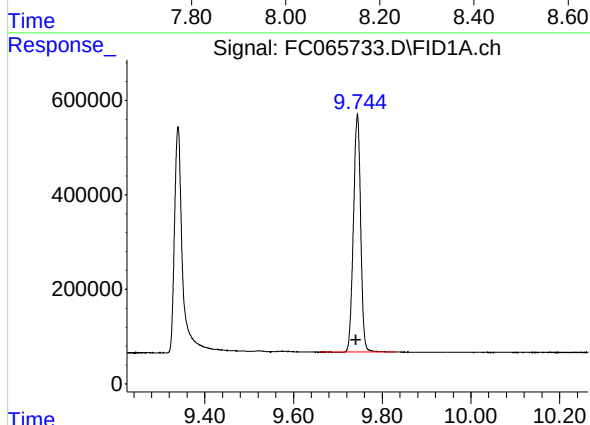
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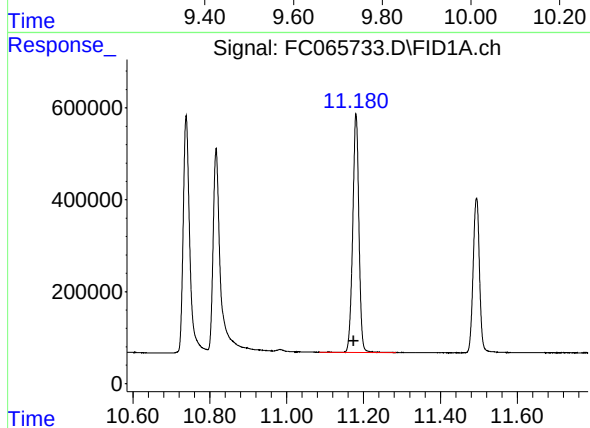
#6 n-Tetradecane (C14)

R.T.: 8.150 min
Delta R.T.: 0.004 min
Response: 5767898
Conc: 38.85 ug/ml



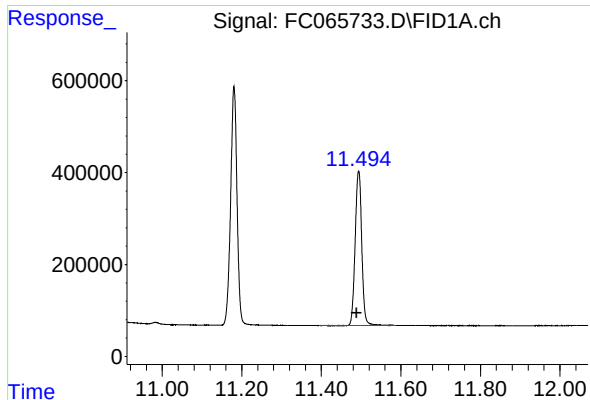
#7 n-Hexadecane (C16)

R.T.: 9.744 min
Delta R.T.: 0.003 min
Response: 5690450
Conc: 37.95 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.180 min
Delta R.T.: 0.006 min
Response: 5804939
Conc: 37.63 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.494 min
Delta R.T.: 0.005 min
Response: 3860076
Conc: 22.50 ug/ml

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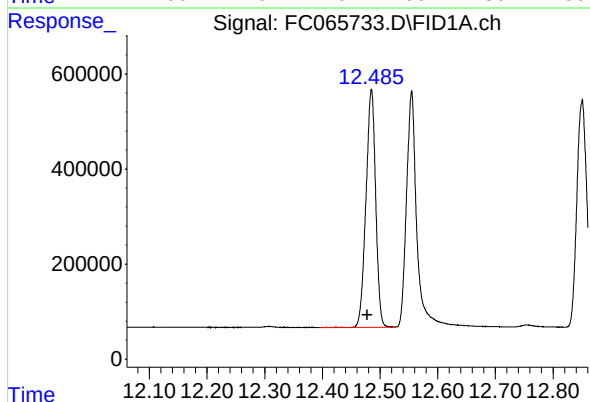
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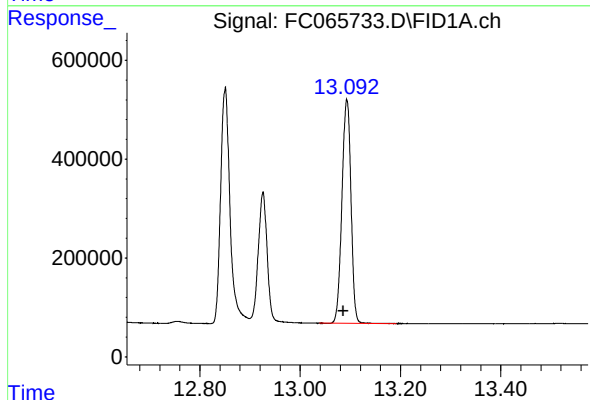
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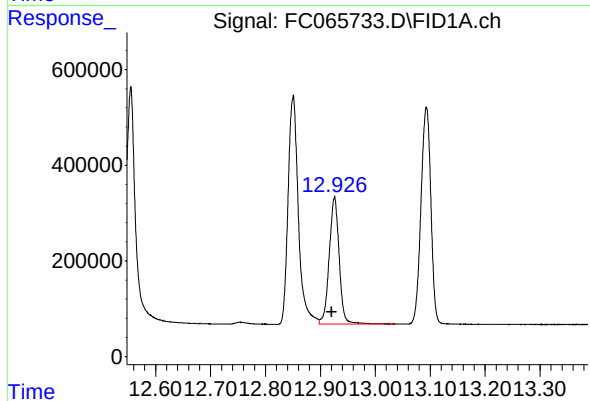
#10 n-Eicosane (C20)

R.T.: 12.485 min
Delta R.T.: 0.006 min
Response: 5839101
Conc: 38.83 ug/ml



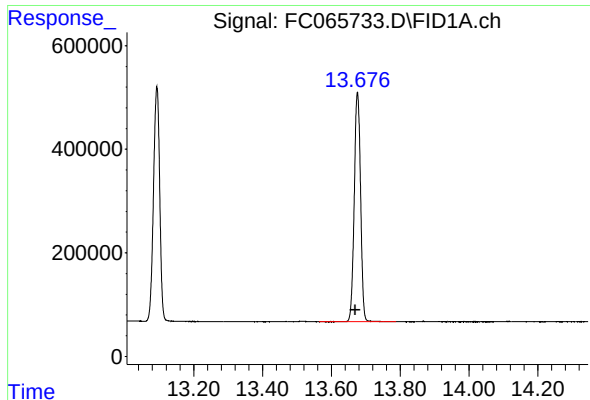
#11 n-Heneicosane (C21)

R.T.: 13.093 min
Delta R.T.: 0.006 min
Response: 5656193
Conc: 37.82 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.926 min
Delta R.T.: 0.005 min
Response: 3353381
Conc: 26.65 ug/ml



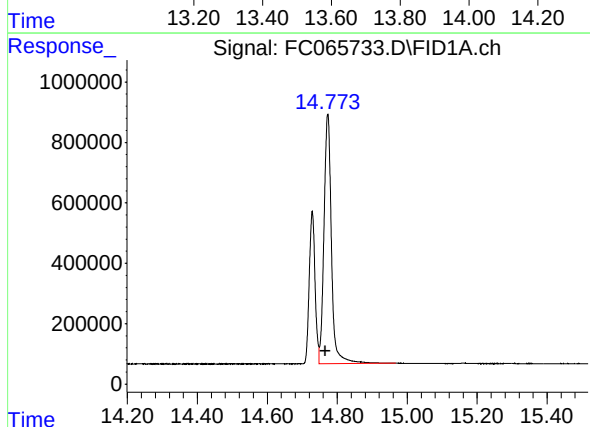
#13 n-Docosane (C22)

R.T.: 13.676 min
Delta R.T.: 0.007 min
Response: 5639603
Conc: 38.02 ug/ml

Instrument :
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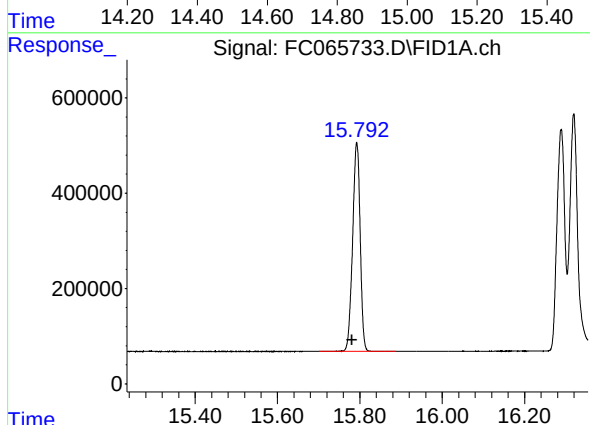
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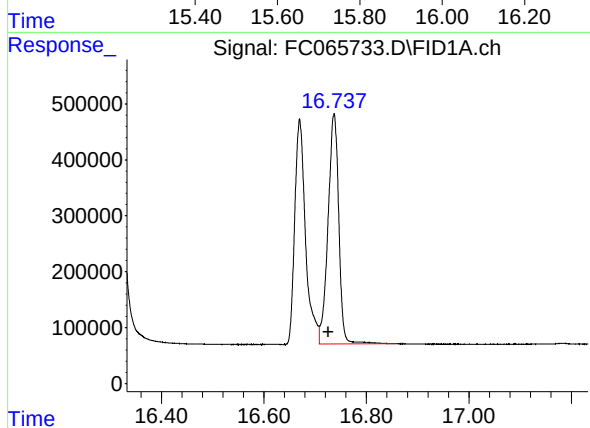
#14 n-Tetracosane (C24)

R.T.: 14.773 min
Delta R.T.: 0.007 min
Response: 12261395
Conc: 82.47 ug/ml



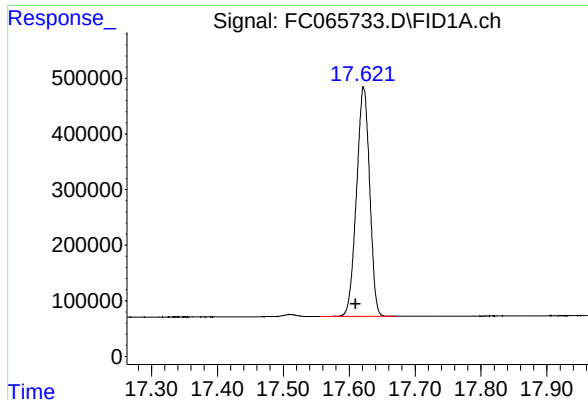
#15 n-Hexacosane (C26)

R.T.: 15.792 min
Delta R.T.: 0.011 min
Response: 5580179
Conc: 37.66 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.736 min
Delta R.T.: 0.010 min
Response: 6023051
Conc: 41.05 ug/ml



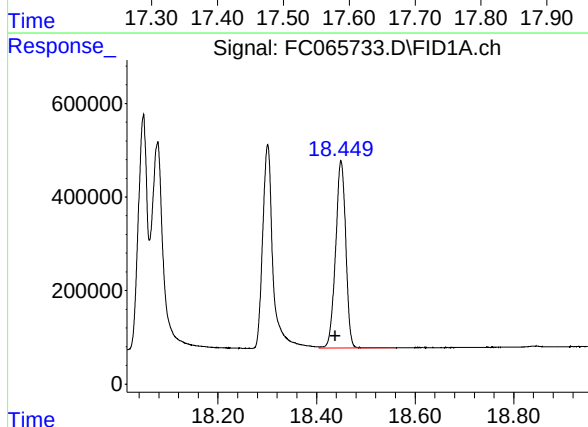
#17 n-Tricontane (C30)

R.T.: 17.622 min
Delta R.T.: 0.012 min
Response: 5715129
Conc: 38.07 ug/ml

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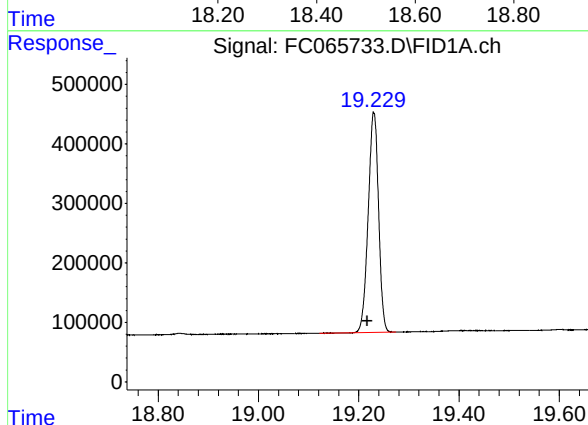
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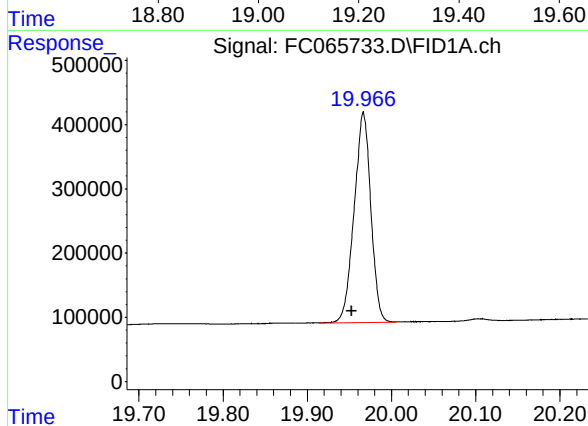
#18 n-Dotriacontane (C32)

R.T.: 18.450 min
Delta R.T.: 0.012 min
Response: 5717242
Conc: 38.66 ug/ml



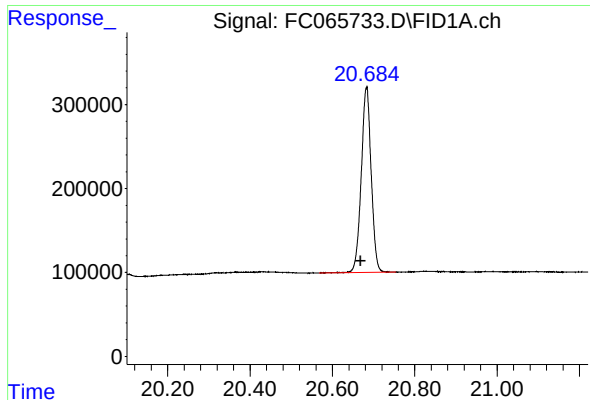
#19 n-Tetratriacontane (C34)

R.T.: 19.230 min
Delta R.T.: 0.012 min
Response: 5307910
Conc: 36.62 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.966 min
Delta R.T.: 0.013 min
Response: 4518901
Conc: 31.84 ug/ml m



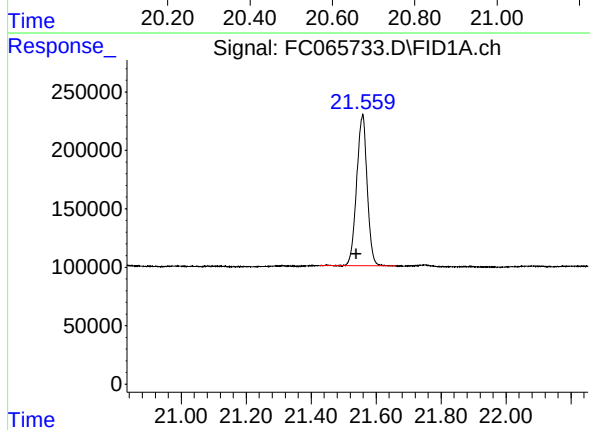
#21 n-Octatriacontane (C38)

R.T.: 20.683 min
Delta R.T.: 0.013 min
Response: 3691475
Conc: 26.08 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.557 min
Delta R.T.: 0.018 min
Response: 2909196
Conc: 20.86 ug/ml