

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F121024AL\
 Data File : FC067973.D
 Signal(s) : FID1A.ch
 Acq On : 10 Dec 2024 14:12
 Operator : YP/AJ
 Sample : PB165523BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB165523BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :Ankita Jodhani 12/11/2024

Integration File: autoint1.e

Quant Time: Dec 11 00:20:39 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M

Quant Title : GC Extractables

QLast Update : Tue Dec 10 07:59:10 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)	11.473	6765437	39.126 ug/ml
Spiked Amount 50.000		Recovery =	78.25%
12) S 1-chlorooctadecane (S...	12.912	5408883	42.391 ug/mlm
Spiked Amount 50.000		Recovery =	84.78%
Target Compounds			
1) T n-Nonane (C9)	3.264	7054448	45.405 ug/ml
2) T n-Decane (C10)	4.322	7425031	46.838 ug/ml
3) T A~Naphthalene (C11.7)	5.893	8381721	48.011 ug/ml
4) T n-Dodecane (C12)	6.332	7665275	47.606 ug/ml
5) T A~2-methylnaphthalene...	6.947	7727161	46.118 ug/mlm
6) T n-Tetradecane (C14)	8.126	7727854	48.604 ug/ml
7) T n-Hexadecane (C16)	9.723	7583115	46.939 ug/ml
8) T n-Octadecane (C18)	11.163	7498714	46.708 ug/ml
10) T n-Eicosane (C20)	12.471	7432171	49.407 ug/ml
11) T n-Heneicosane (C21)	13.081	7042741	48.200 ug/ml
13) T n-Docosane (C22)	13.666	6911433	48.282 ug/ml
14) T n-Tetracosane (C24)	14.738	13435606	96.695 ug/mlm
15) T n-Hexacosane (C26)	15.789	6440827	48.163 ug/ml
16) T n-Octacosane (C28)	16.735	6217742	47.935 ug/ml
17) T n-Tricontane (C30)	17.623	6222156	48.032 ug/ml
18) T n-Dotriacontane (C32)	18.453	6110919	49.327 ug/ml
19) T n-Tetratriacontane (C34)	19.234	6114012	56.016 ug/ml
20) T n-Hexatriacontane (C36)	19.973	5984619	63.256 ug/mlm
21) T n-Octatriacontane (C38)	20.694	5997325	66.296 ug/ml
22) T n-Tetracontane (C40)	21.572	6019090	68.291 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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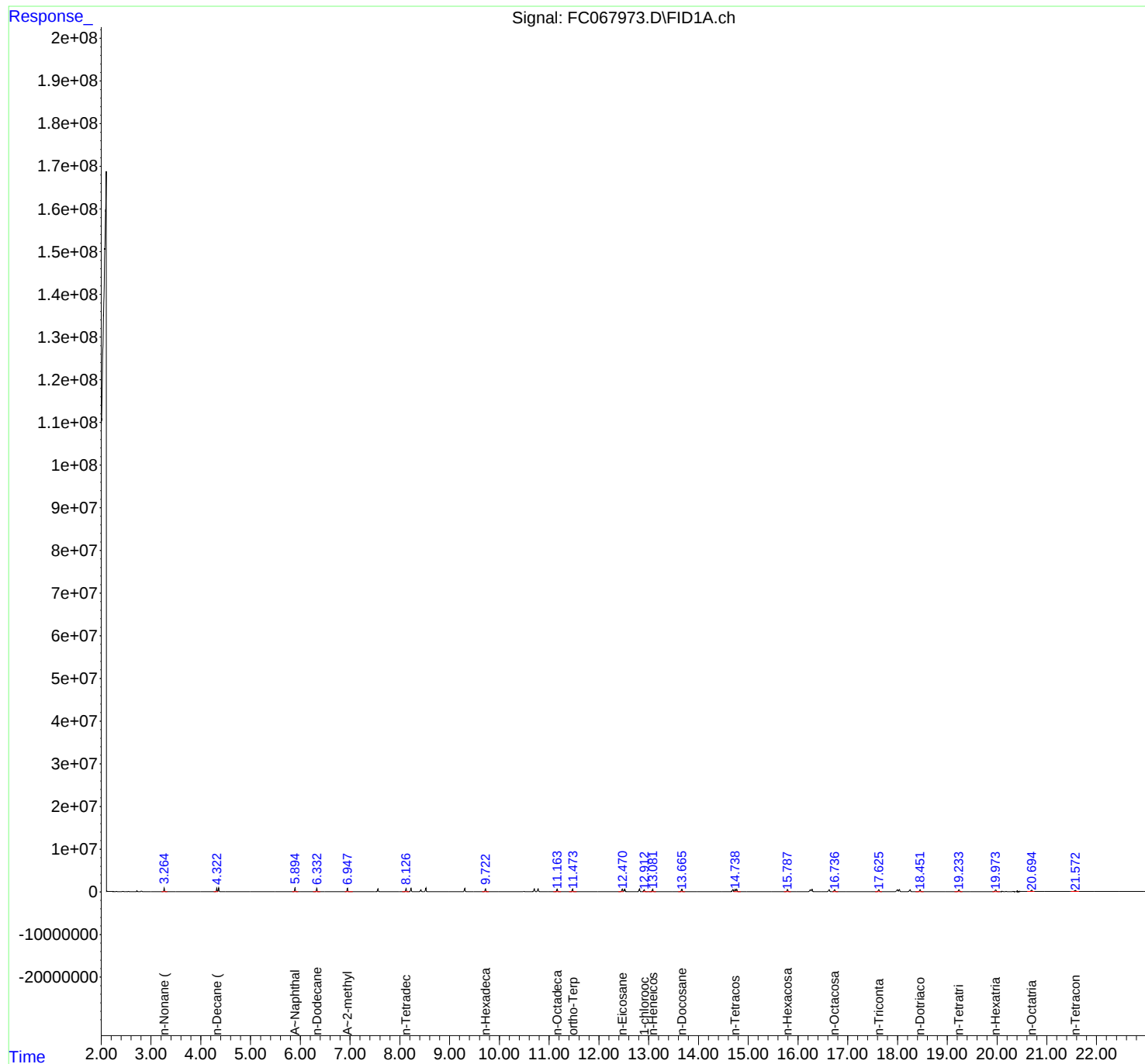
Response via : Initial Calibration

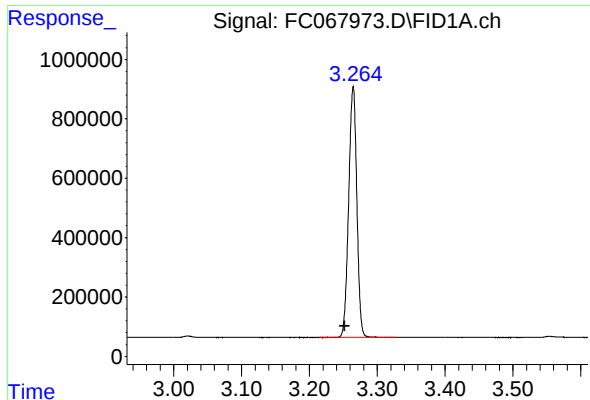
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.264 min
Delta R.T.: 0.012 min
Response: 7054448
Conc: 45.40 ug/ml

Instrument :

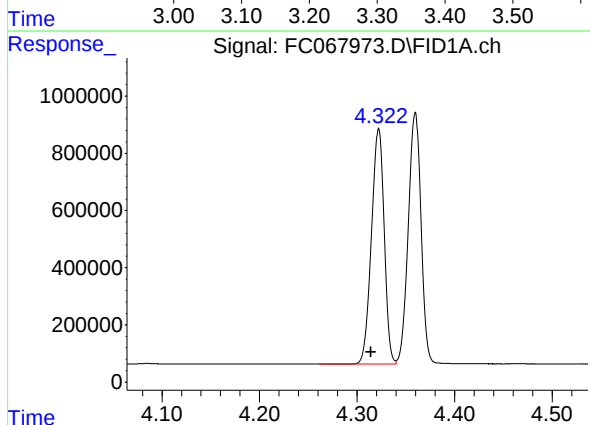
FID_C

ClientSampleId :

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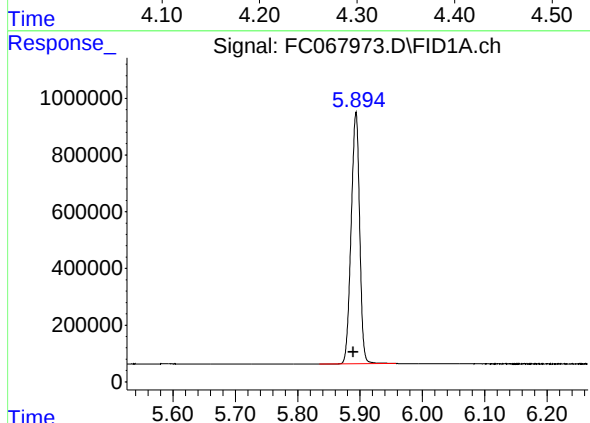
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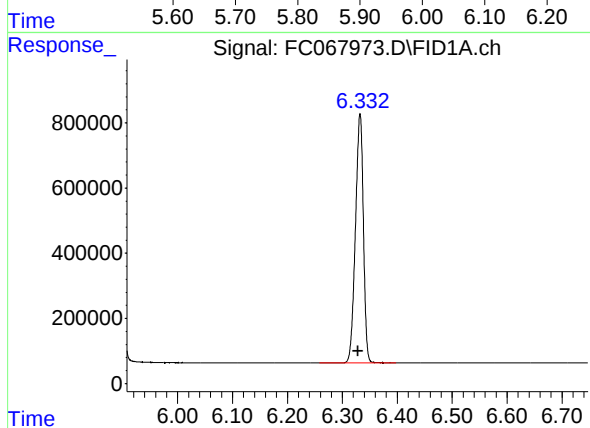
#2 n-Decane (C10)

R.T.: 4.322 min
Delta R.T.: 0.008 min
Response: 7425031
Conc: 46.84 ug/ml



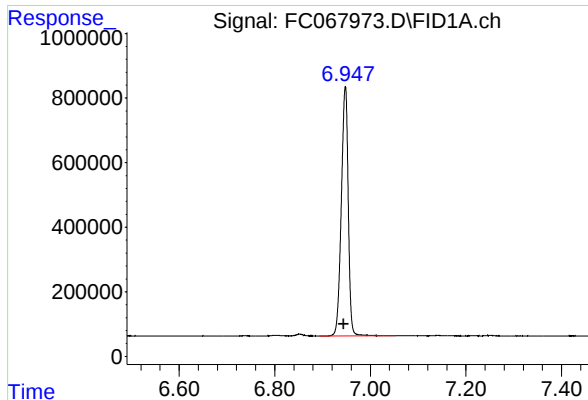
#3 A~Naphthalene (C11.7)

R.T.: 5.893 min
Delta R.T.: 0.004 min
Response: 8381721
Conc: 48.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.332 min
Delta R.T.: 0.003 min
Response: 7665275
Conc: 47.61 ug/ml



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

R.T.: 6.947 min
Delta R.T.: 0.003 min
Response: 7727161
Conc: 46.12 ug/ml

Instrument :

FID_C

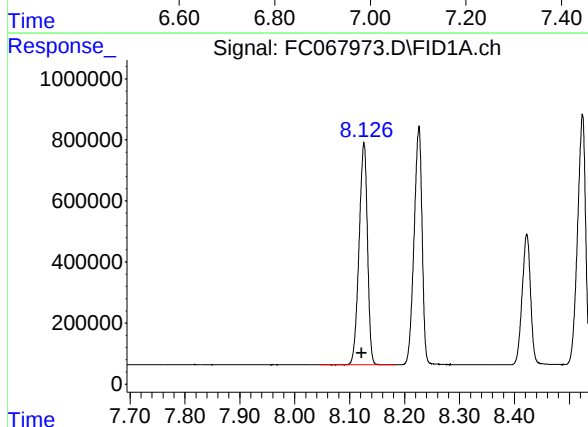
ClientSampleId :

PB165523BS

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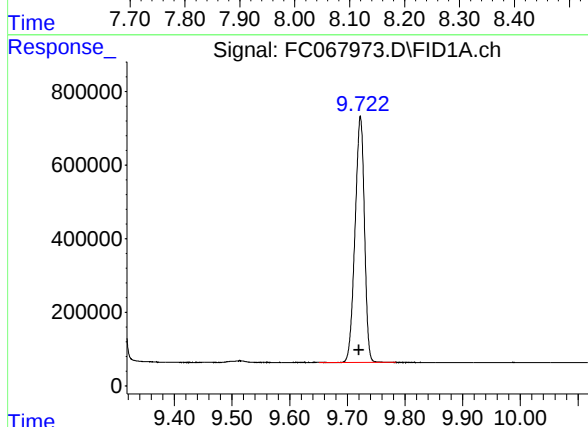
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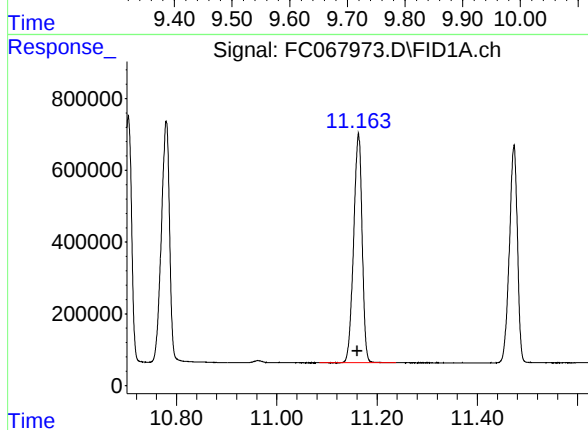
#6 n-Tetradecane (C14)

R.T.: 8.126 min
Delta R.T.: 0.004 min
Response: 7727854
Conc: 48.60 ug/ml



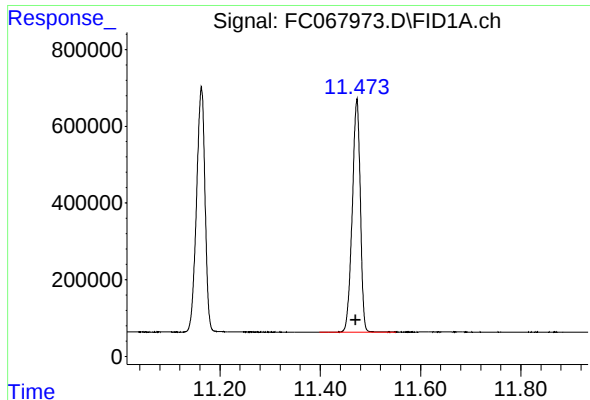
#7 n-Hexadecane (C16)

R.T.: 9.723 min
Delta R.T.: 0.002 min
Response: 7583115
Conc: 46.94 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.163 min
Delta R.T.: 0.002 min
Response: 7498714
Conc: 46.71 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.473 min
Delta R.T.: 0.003 min
Response: 6765437
Conc: 39.13 ug/ml

Instrument :

FID_C

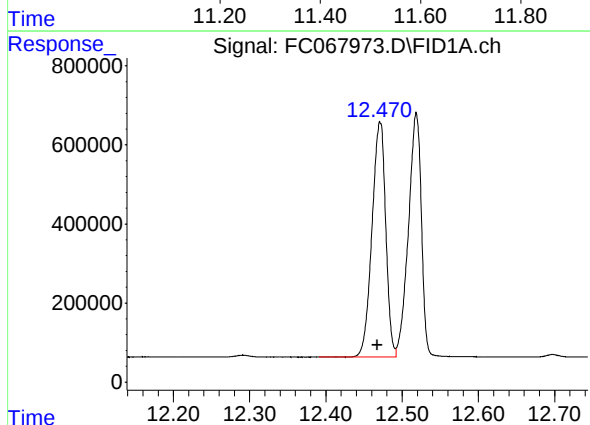
ClientSampleId :

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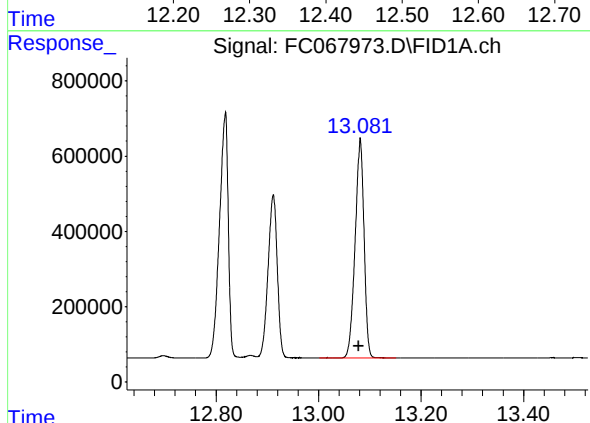
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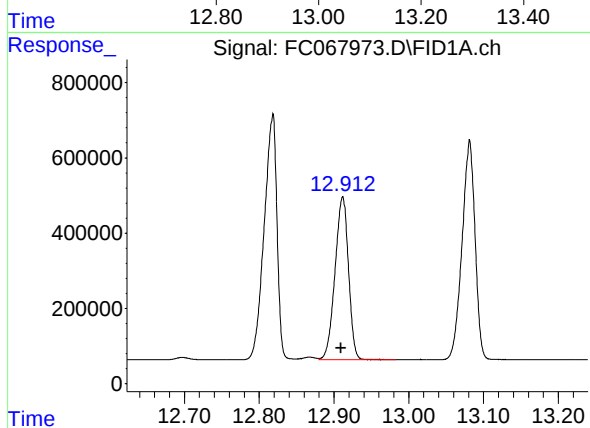
#10 n-Eicosane (C20)

R.T.: 12.471 min
Delta R.T.: 0.003 min
Response: 7432171
Conc: 49.41 ug/ml



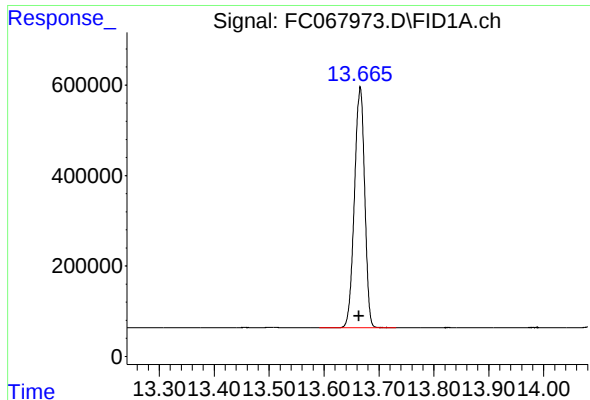
#11 n-Heneicosane (C21)

R.T.: 13.081 min
Delta R.T.: 0.003 min
Response: 7042741
Conc: 48.20 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.912 min
Delta R.T.: 0.002 min
Response: 5408883
Conc: 42.39 ug/ml m



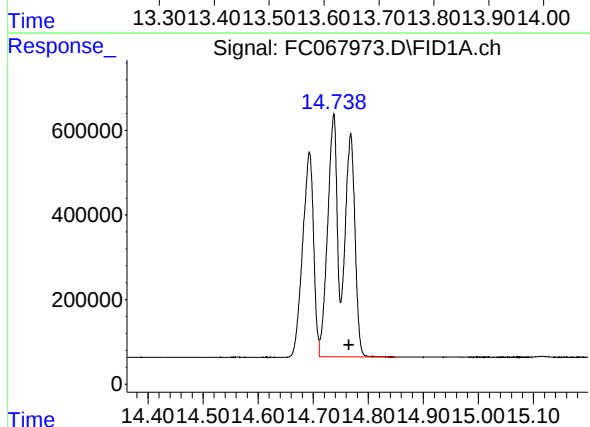
#13 n-Docosane (C22)

R.T.: 13.666 min
Delta R.T.: 0.001 min
Response: 6911433
Conc: 48.28 ug/ml

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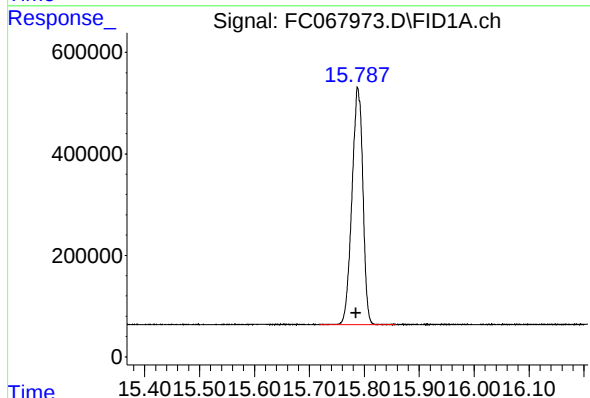
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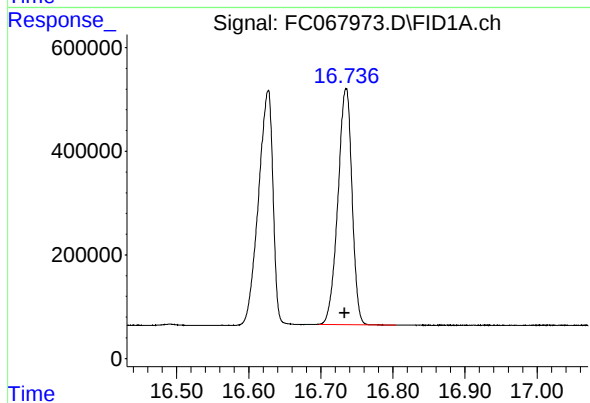
#14 n-Tetracosane (C24)

R.T.: 14.738 min
Delta R.T.: -0.027 min
Response: 13435606
Conc: 96.69 ug/ml m



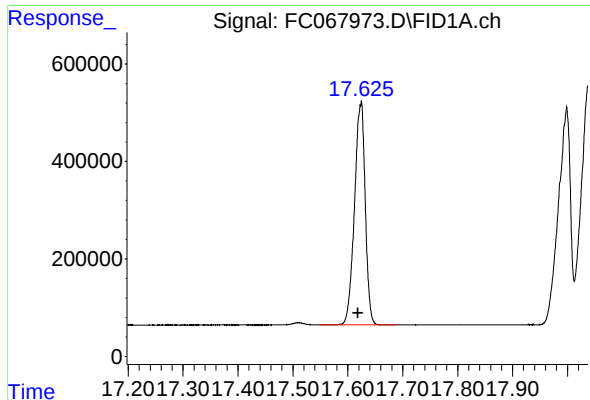
#15 n-Hexacosane (C26)

R.T.: 15.789 min
Delta R.T.: 0.004 min
Response: 6440827
Conc: 48.16 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.735 min
Delta R.T.: 0.002 min
Response: 6217742
Conc: 47.94 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.623 min
Delta R.T.: 0.004 min
Response: 6222156
Conc: 48.03 ug/ml

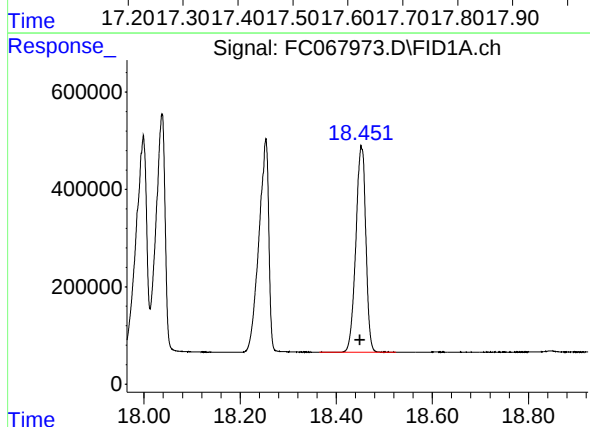
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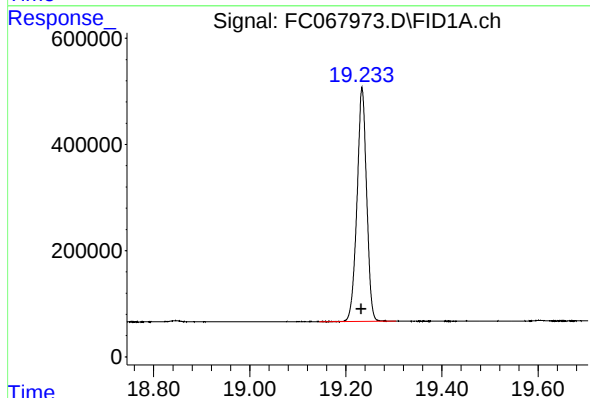
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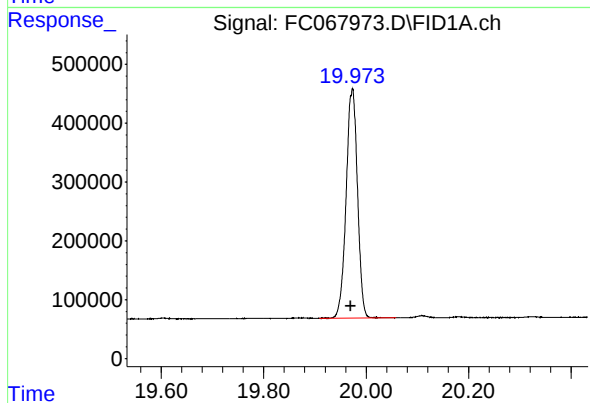
#18 n-Dotriacontane (C32)

R.T.: 18.453 min
Delta R.T.: 0.003 min
Response: 6110919
Conc: 49.33 ug/ml



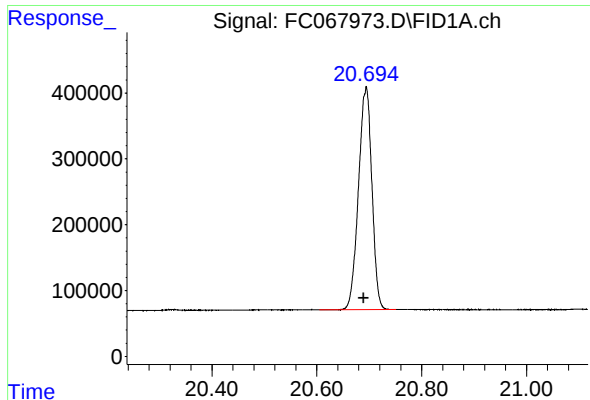
#19 n-Tetratriacontane (C34)

R.T.: 19.234 min
Delta R.T.: 0.002 min
Response: 6114012
Conc: 56.02 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.973 min
Delta R.T.: 0.003 min
Response: 5984619
Conc: 63.26 ug/ml m



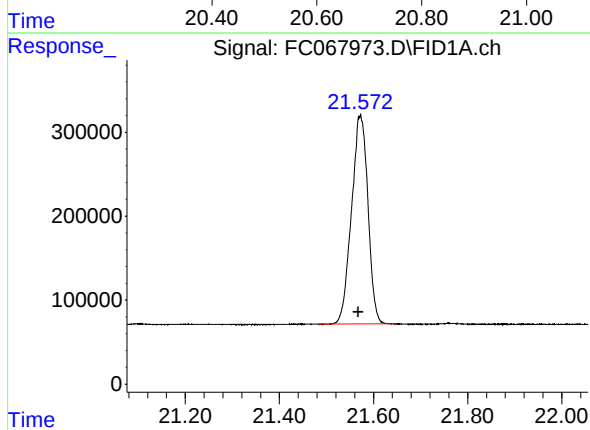
#21 n-Octatriacontane (C38)

R.T.: 20.694 min
Delta R.T.: 0.004 min
Response: 5997325
Conc: 66.30 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.572 min
Delta R.T.: 0.004 min
Response: 6019090
Conc: 68.29 ug/ml