

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062023AL\
 Data File : FC063920.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jun 2023 18:42
 Operator : YP/AJ
 Sample : PB153610BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB153610BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :Ankita Jodhani 06/21/2023

Integration File: autoint1.e
 Quant Time: Jun 21 02:32:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:12:33 2023
 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)	11.526	6509337	35.671 ug/ml
Spiked Amount 50.000		Recovery =	71.34%
12) S 1-chlorooctadecane (S...	12.960	4870714	38.120 ug/ml
Spiked Amount 50.000		Recovery =	76.24%
Target Compounds			
1) T n-Nonane (C9)	3.329	7021712	44.056 ug/ml
2) T n-Decane (C10)	4.381	7258970	44.905 ug/ml
3) T A~Naphthalene (C11.7)	5.954	7577733	43.619 ug/ml
4) T n-Dodecane (C12)	6.386	7355391	44.984 ug/ml
5) T A~2-methylnaphthalene...	7.007	7164673	43.734 ug/ml
6) T n-Tetradecane (C14)	8.178	7161360	45.535 ug/ml
7) T n-Hexadecane (C16)	9.774	7168893	45.048 ug/ml
8) T n-Octadecane (C18)	11.214	6949623	43.922 ug/ml
10) T n-Eicosane (C20)	12.518	6758085	45.696 ug/ml
11) T n-Heneicosane (C21)	13.129	6408078	44.518 ug/ml
13) T n-Docosane (C22)	13.714	6297166	44.701 ug/ml
14) T n-Tetracosane (C24)	14.799	12172603	88.709 ug/ml
15) T n-Hexacosane (C26)	15.832	5959892	44.949 ug/ml
16) T n-Octacosane (C28)	16.776	5896767	46.440 ug/ml
17) T n-Tricontane (C30)	17.663	5942236	46.510 ug/ml
18) T n-Dotriacontane (C32)	18.491	5925661	47.621 ug/ml
19) T n-Tetratriacontane (C34)	19.272	5954907	48.297 ug/ml
20) T n-Hexatriacontane (C36)	20.009	5786594	48.212 ug/mlm
21) T n-Octatriacontane (C38)	20.734	5776875	47.849 ug/ml
22) T n-Tetracontane (C40)	21.623	5694851	46.999 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 21 Sample Multiplier: 1

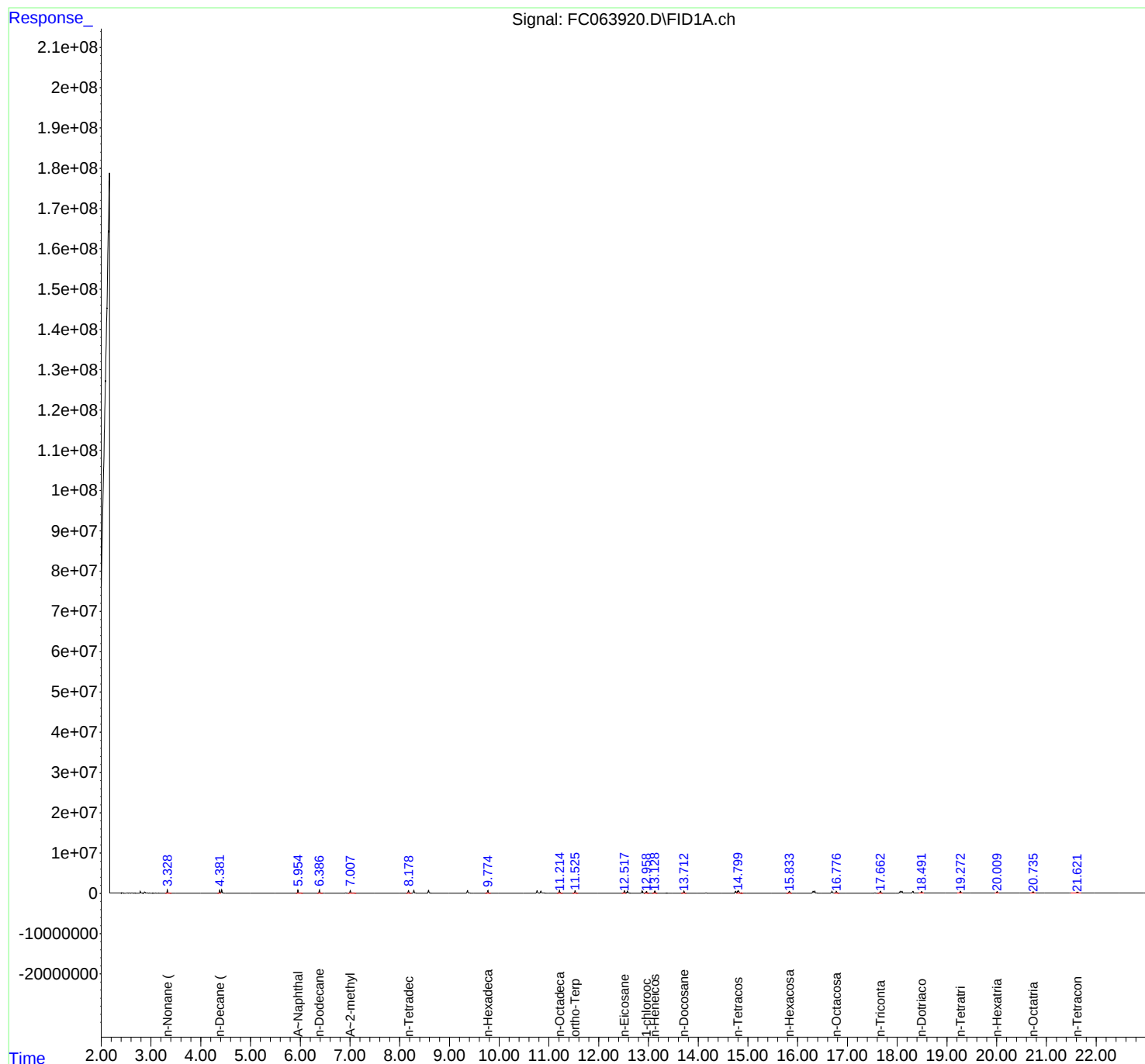
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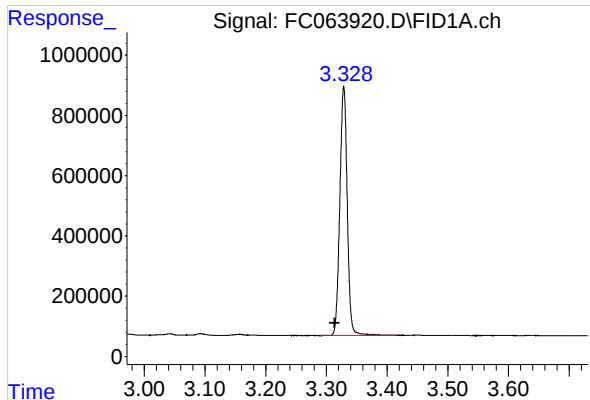
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#1 n-Nonane (C9)

R.T.: 3.329 min
Delta R.T.: 0.015 min
Response: 7021712
Conc: 44.06 ug/ml

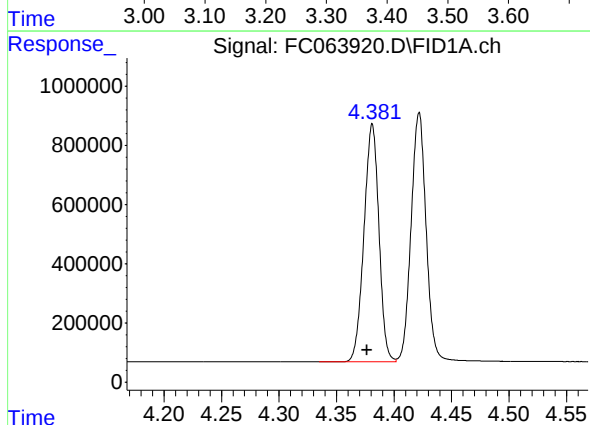
Instrument :

FID_C

ClientSampleId :
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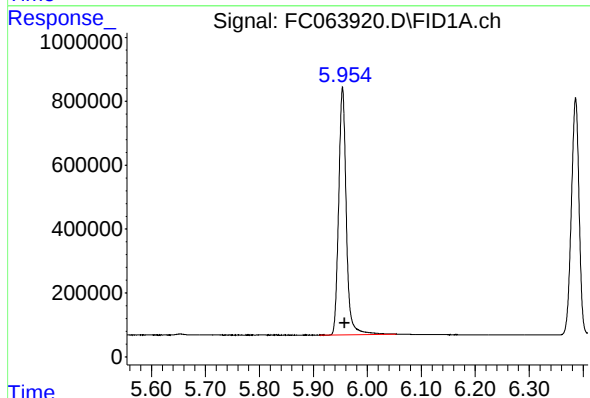
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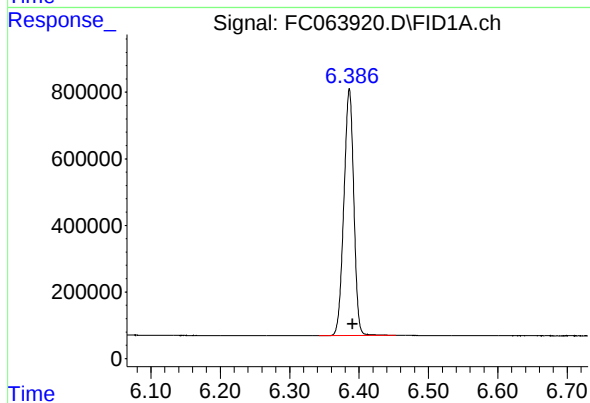
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: 0.005 min
Response: 7258970
Conc: 44.91 ug/ml



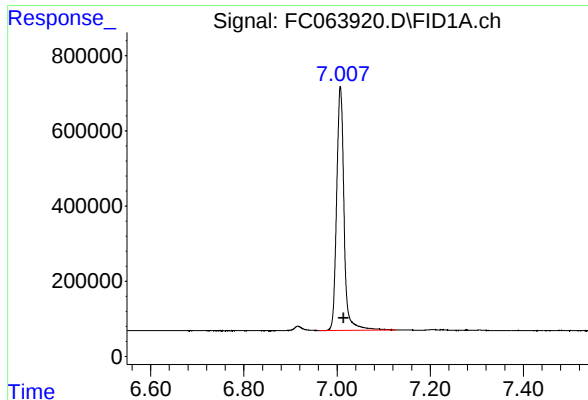
#3 A~Naphthalene (C11.7)

R.T.: 5.954 min
Delta R.T.: -0.004 min
Response: 7577733
Conc: 43.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.386 min
Delta R.T.: -0.005 min
Response: 7355391
Conc: 44.98 ug/ml



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

R.T.: 7.007 min
Delta R.T.: -0.007 min
Response: 7164673
Conc: 43.73 ug/ml

Instrument :

FID_C

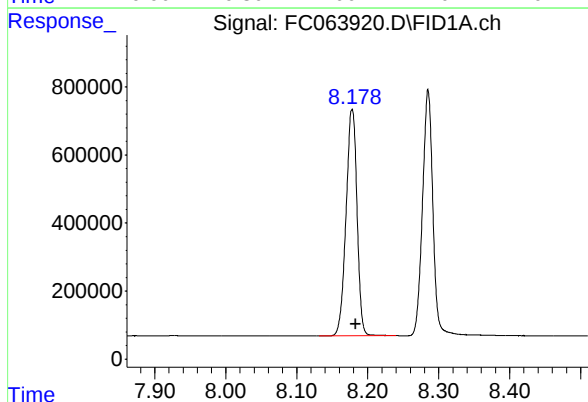
ClientSampleId :

PB153610BS

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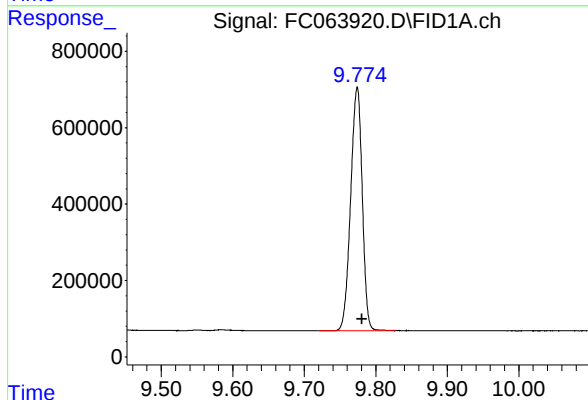
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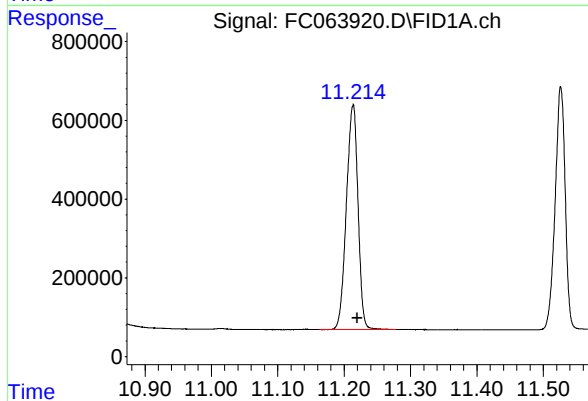
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: -0.005 min
Response: 7161360
Conc: 45.54 ug/ml



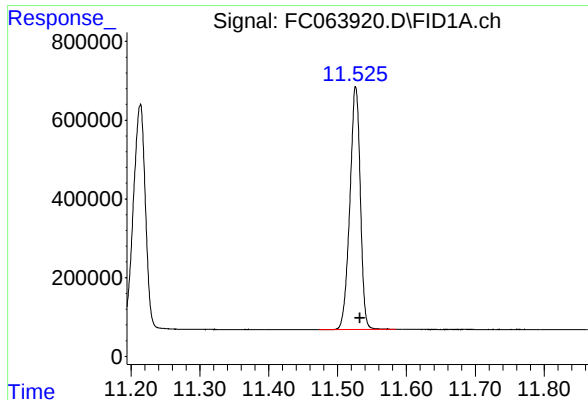
#7 n-Hexadecane (C16)

R.T.: 9.774 min
Delta R.T.: -0.007 min
Response: 7168893
Conc: 45.05 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.214 min
Delta R.T.: -0.006 min
Response: 6949623
Conc: 43.92 ug/ml



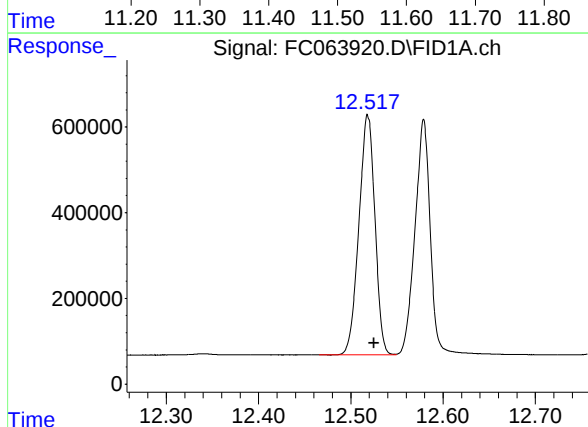
#9 ortho-Terphenyl (SURR)

R.T.: 11.526 min
Delta R.T.: -0.006 min
Response: 6509337
Conc: 35.67 ug/ml

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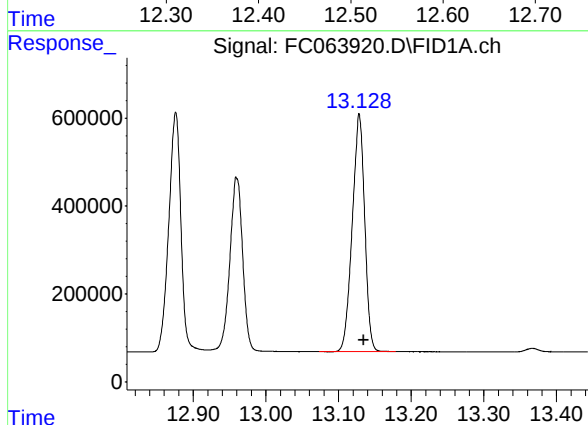
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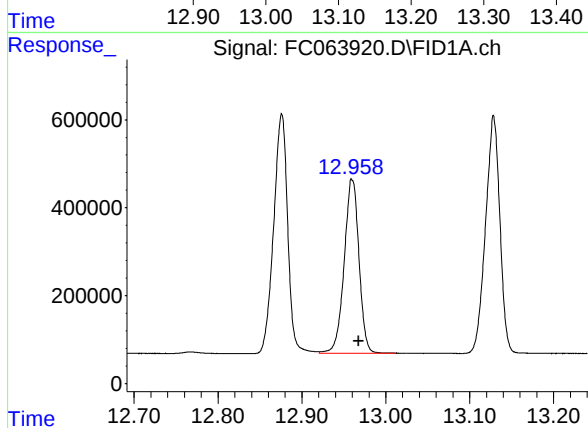
#10 n-Eicosane (C20)

R.T.: 12.518 min
Delta R.T.: -0.007 min
Response: 6758085
Conc: 45.70 ug/ml



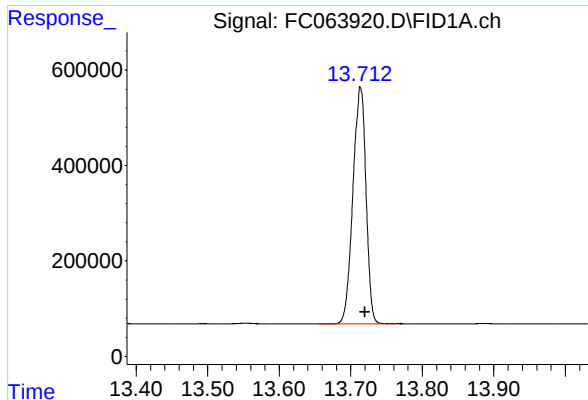
#11 n-Heneicosane (C21)

R.T.: 13.129 min
Delta R.T.: -0.006 min
Response: 6408078
Conc: 44.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.960 min
Delta R.T.: -0.008 min
Response: 4870714
Conc: 38.12 ug/ml



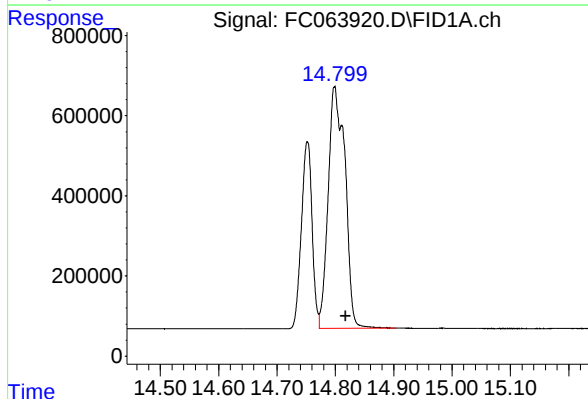
#13 n-Docosane (C22)

R.T.: 13.714 min
Delta R.T.: -0.006 min
Response: 6297166
Conc: 44.70 ug/ml

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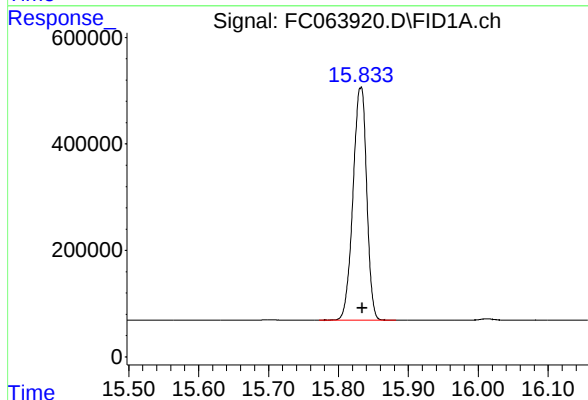
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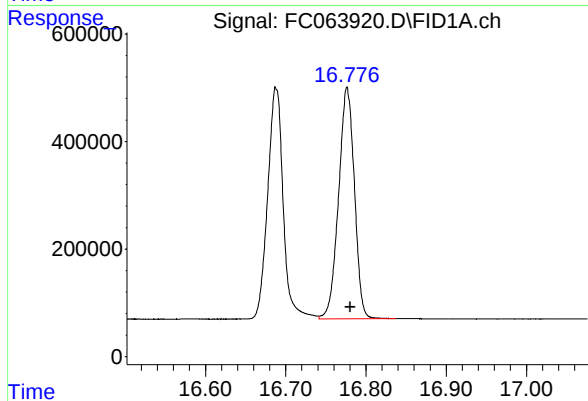
#14 n-Tetracosane (C24)

R.T.: 14.799 min
Delta R.T.: -0.019 min
Response: 12172603
Conc: 88.71 ug/ml



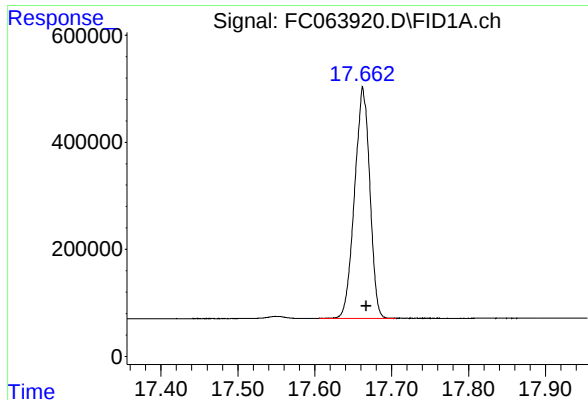
#15 n-Hexacosane (C26)

R.T.: 15.832 min
Delta R.T.: -0.002 min
Response: 5959892
Conc: 44.95 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.776 min
Delta R.T.: -0.004 min
Response: 5896767
Conc: 46.44 ug/ml



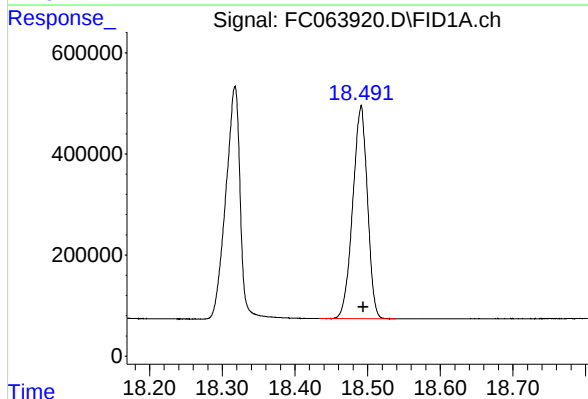
#17 n-Tricontane (C30)

R.T.: 17.663 min
Delta R.T.: -0.005 min
Response: 5942236
Conc: 46.51 ug/ml

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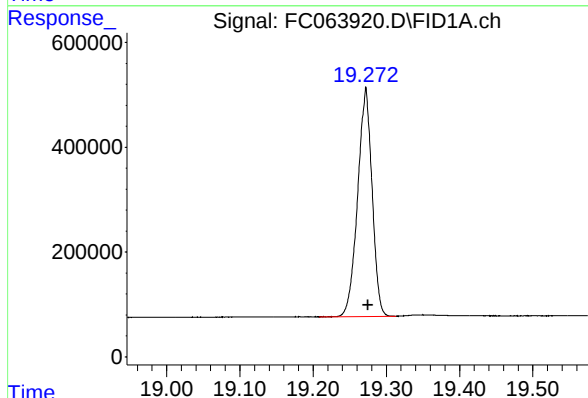
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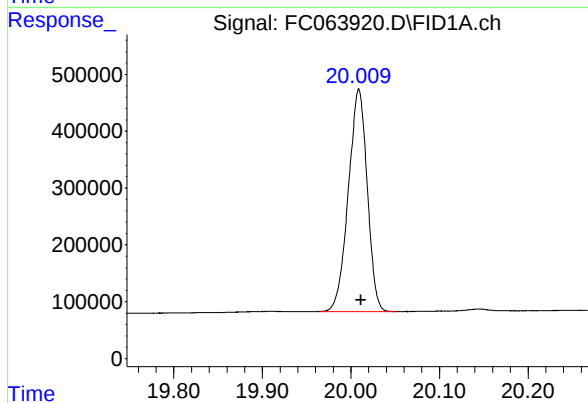
#18 n-Dotriacontane (C32)

R.T.: 18.491 min
Delta R.T.: -0.003 min
Response: 5925661
Conc: 47.62 ug/ml



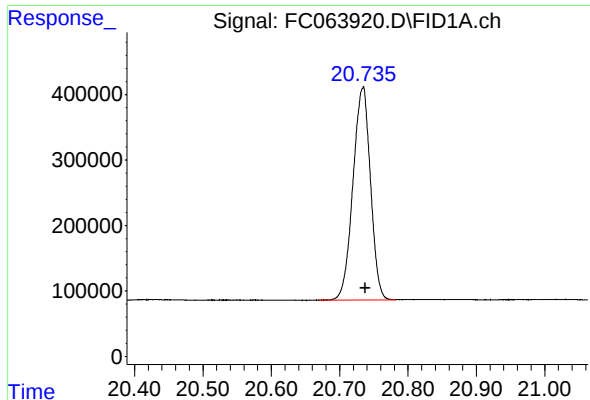
#19 n-Tetratriacontane (C34)

R.T.: 19.272 min
Delta R.T.: -0.003 min
Response: 5954907
Conc: 48.30 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.009 min
Delta R.T.: -0.003 min
Response: 5786594
Conc: 48.21 ug/ml m



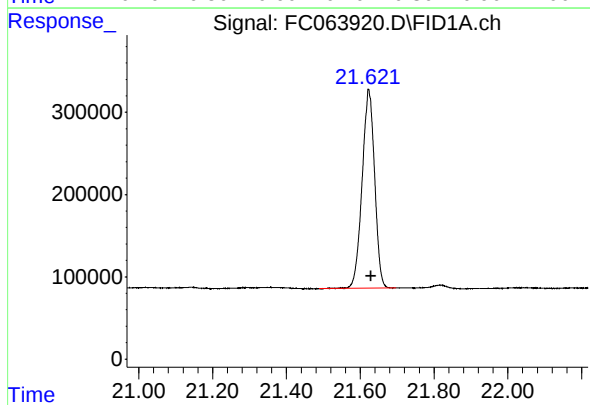
#21 n-Octatriacontane (C38)

R.T.: 20.734 min
Delta R.T.: -0.003 min
Response: 5776875
Conc: 47.85 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.623 min
Delta R.T.: -0.006 min
Response: 5694851
Conc: 47.00 ug/ml