

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F103024AL\
 Data File : FC067566.D
 Signal(s) : FID1A.ch
 Acq On : 30 Oct 2024 16:13
 Operator : YP/AJ
 Sample : PB164528BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB164528BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/04/2024

Supervised By :Ankita Jodhani 11/04/2024

Integration File: autoint1.e

Quant Time: Nov 01 00:19:03 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M

Quant Title : GC Extractables

QLast Update : Wed Oct 23 18:12:58 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)	11.496	5674117	38.670 ug/ml
Spiked Amount 50.000		Recovery =	77.34%
12) S 1-chlorooctadecane (S...	12.932	4448213	41.192 ug/ml
Spiked Amount 50.000		Recovery =	82.38%
Target Compounds			
1) T n-Nonane (C9)	3.281	4402625	32.680 ug/ml
2) T n-Decane (C10)	4.343	4613365	33.861 ug/ml
3) T A~Naphthalene (C11.7)	5.917	5131660	34.629 ug/ml
4) T n-Dodecane (C12)	6.354	4764256	35.175 ug/ml
5) T A~2-methylnaphthalene...	6.971	4746135	33.608 ug/ml
6) T n-Tetradecane (C14)	8.147	4861643	37.038 ug/ml
7) T n-Hexadecane (C16)	9.744	5042828	38.173 ug/ml
8) T n-Octadecane (C18)	11.184	5113233	38.703 ug/ml
10) T n-Eicosane (C20)	12.491	5167689	40.956 ug/ml
11) T n-Heneicosane (C21)	13.101	4960911	40.197 ug/ml
13) T n-Docosane (C22)	13.687	4923873	40.212 ug/ml
14) T n-Tetracosane (C24)	14.756	9948909	82.080 ug/mlm
15) T n-Hexacosane (C26)	15.808	4808051	40.385 ug/ml
16) T n-Octacosane (C28)	16.756	4809021	40.877 ug/ml
17) T n-Tricontane (C30)	17.642	4795616	39.675 ug/ml
18) T n-Dotriacontane (C32)	18.472	4730933	39.984 ug/ml
19) T n-Tetratriacontane (C34)	19.254	4748331	45.340 ug/ml
20) T n-Hexatriacontane (C36)	19.993	4581916	50.336 ug/ml
21) T n-Octatriacontane (C38)	20.716	4581586	52.904 ug/ml
22) T n-Tetracontane (C40)	21.599	4550809	53.532 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB164528BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

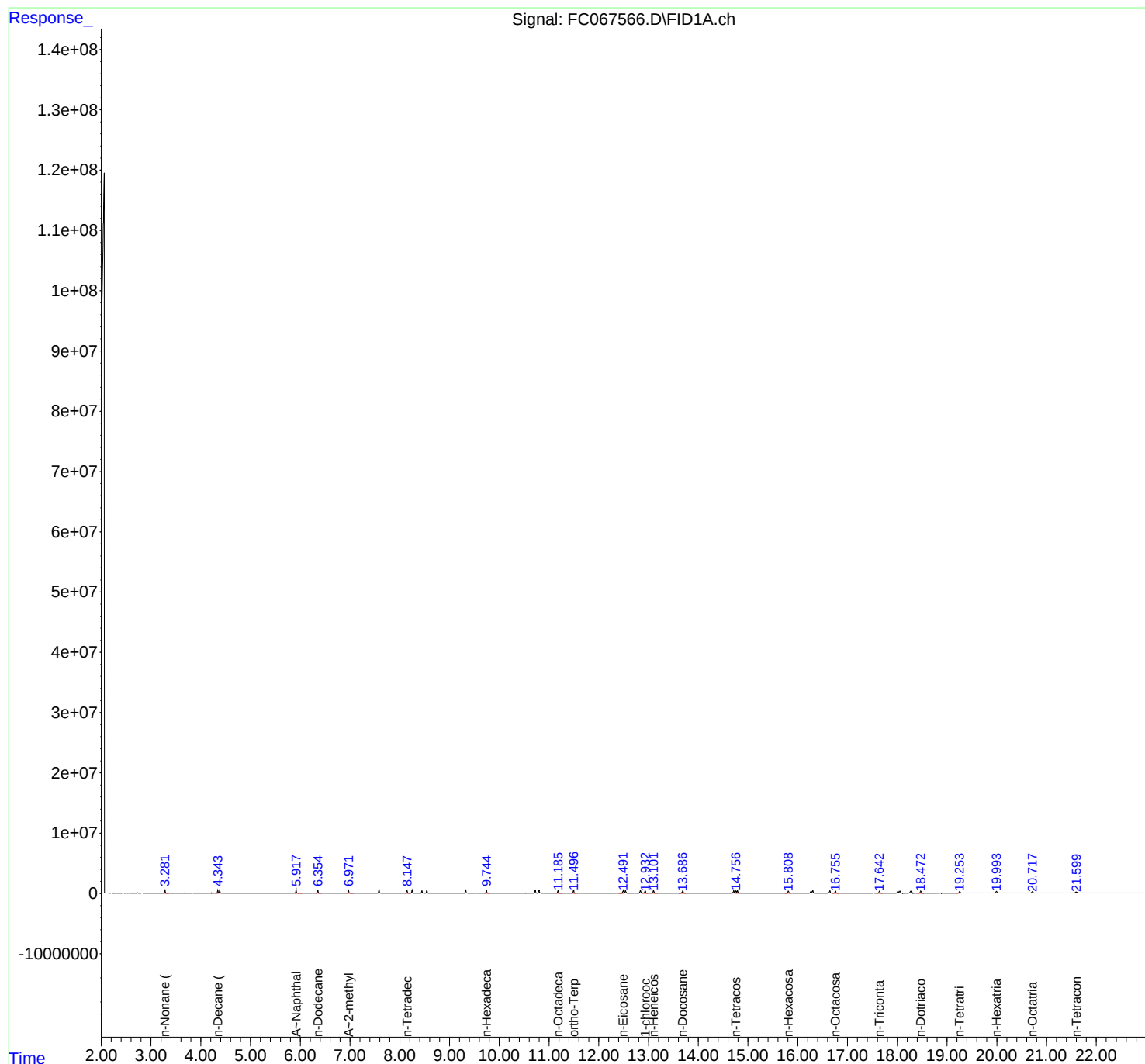
Instrument :
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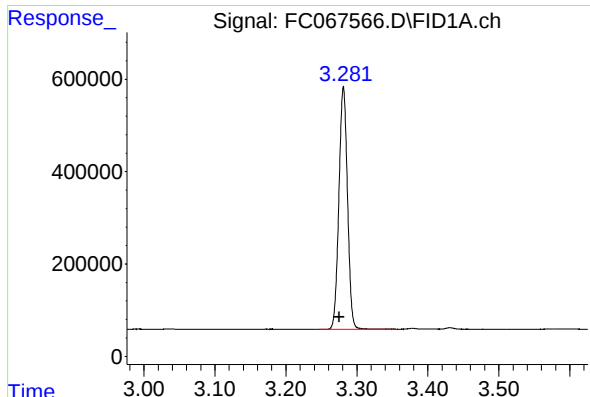
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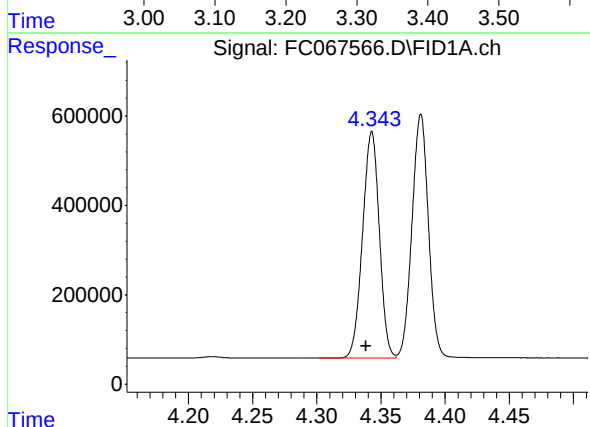
#1 n-Nonane (C9)

R.T.: 3.281 min
Delta R.T.: 0.006 min
Response: 4402625
Conc: 32.68 ug/ml

Instrument :
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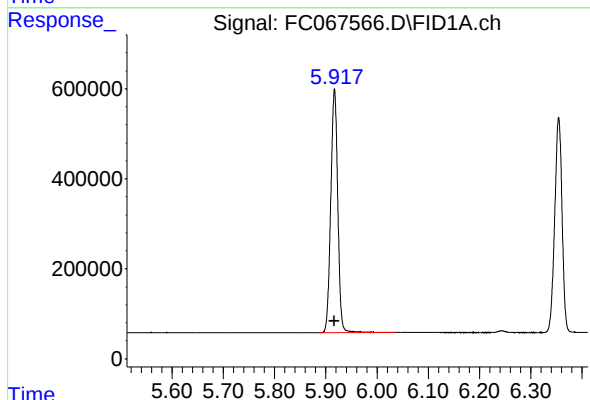
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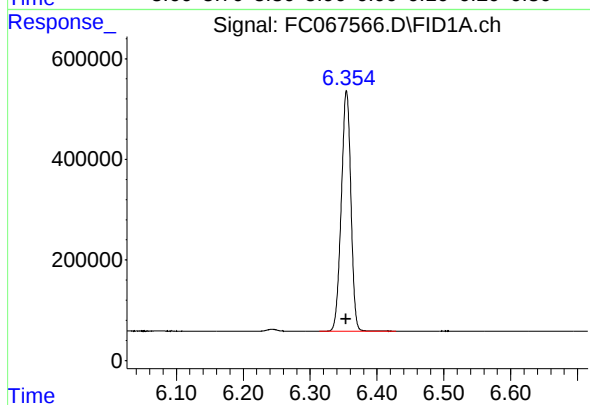
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: 0.004 min
Response: 4613365
Conc: 33.86 ug/ml



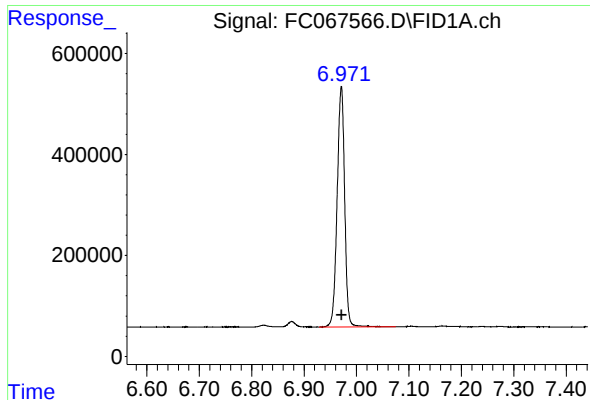
#3 A~Naphthalene (C11.7)

R.T.: 5.917 min
Delta R.T.: 0.000 min
Response: 5131660
Conc: 34.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 4764256
Conc: 35.18 ug/ml



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

R.T.: 6.971 min
Delta R.T.: 0.000 min
Response: 4746135
Conc: 33.61 ug/ml

Instrument :

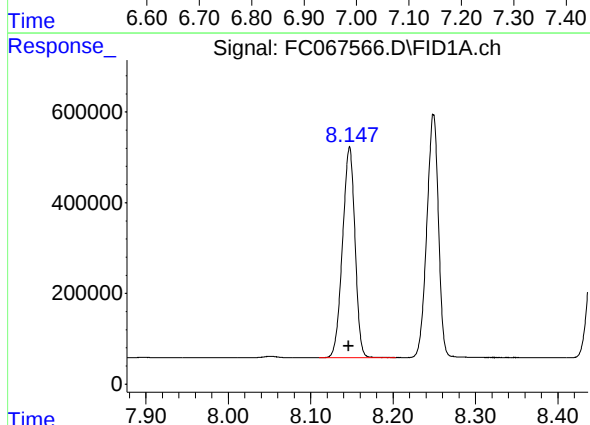
FID_C

ClientSampleId :

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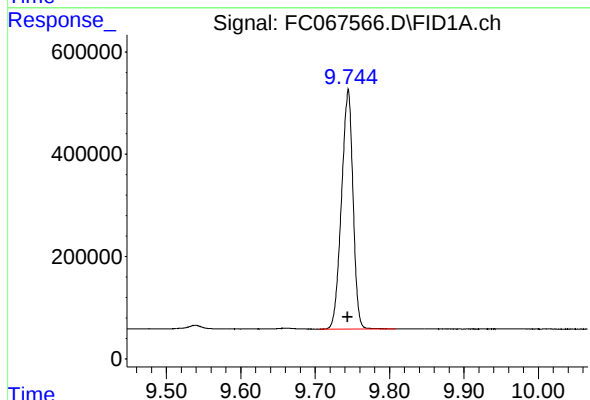
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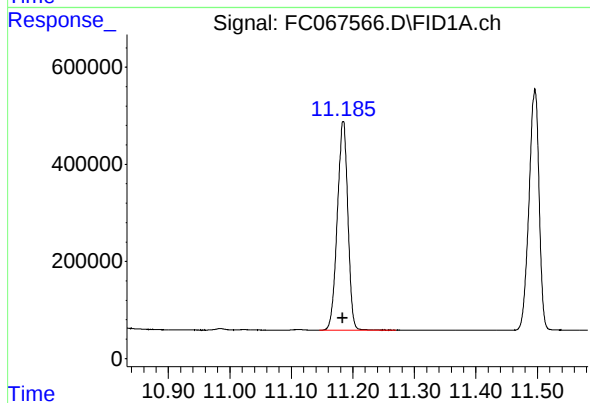
#6 n-Tetradecane (C14)

R.T.: 8.147 min
Delta R.T.: 0.001 min
Response: 4861643
Conc: 37.04 ug/ml



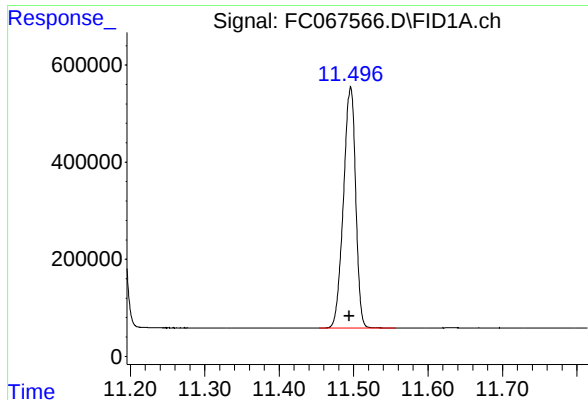
#7 n-Hexadecane (C16)

R.T.: 9.744 min
Delta R.T.: 0.000 min
Response: 5042828
Conc: 38.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.184 min
Delta R.T.: 0.000 min
Response: 5113233
Conc: 38.70 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.496 min
Delta R.T.: 0.002 min
Response: 5674117
Conc: 38.67 ug/ml

Instrument :

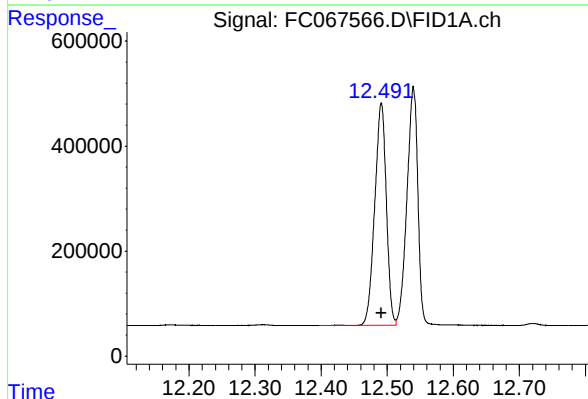
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ClientSampleId :

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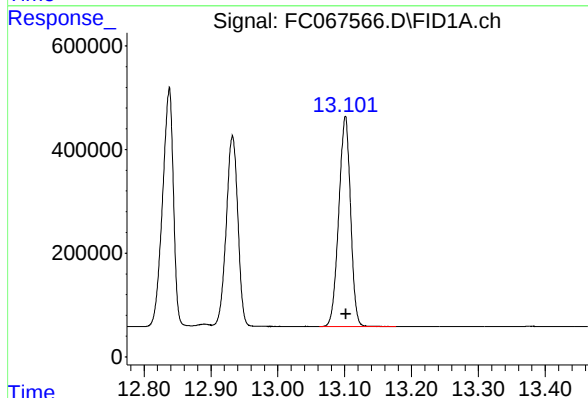
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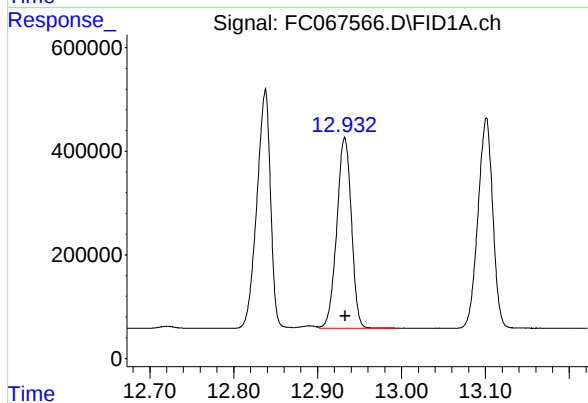
#10 n-Eicosane (C20)

R.T.: 12.491 min
Delta R.T.: 0.000 min
Response: 5167689
Conc: 40.96 ug/ml



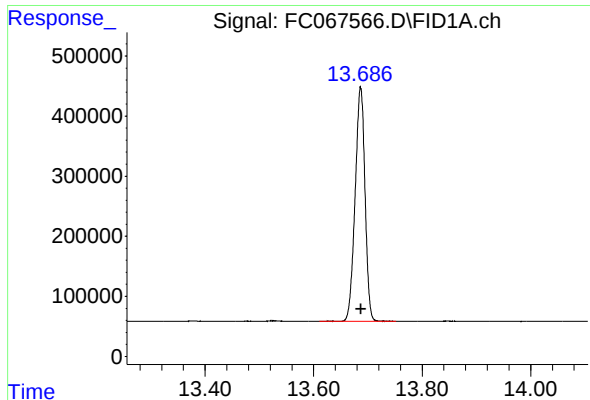
#11 n-Heneicosane (C21)

R.T.: 13.101 min
Delta R.T.: -0.001 min
Response: 4960911
Conc: 40.20 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.932 min
Delta R.T.: 0.000 min
Response: 4448213
Conc: 41.19 ug/ml



#13 n-Docosane (C22)

R.T.: 13.687 min
Delta R.T.: 0.000 min
Response: 4923873
Conc: 40.21 ug/ml

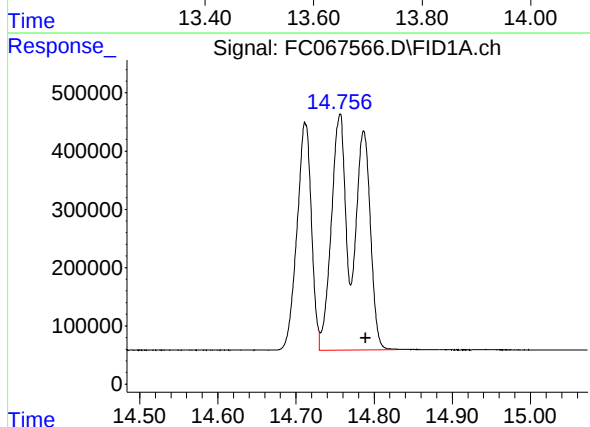
Instrument :

FID_C

ClientSampleId :
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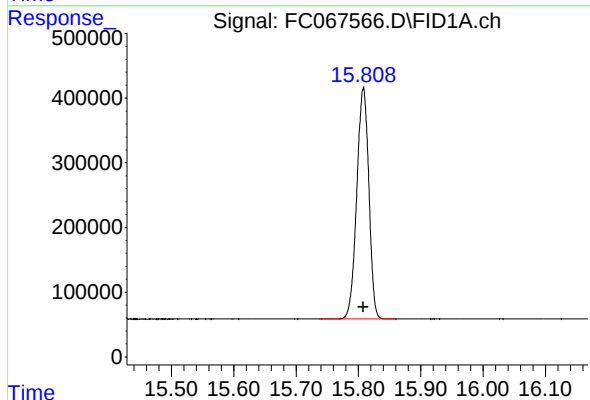
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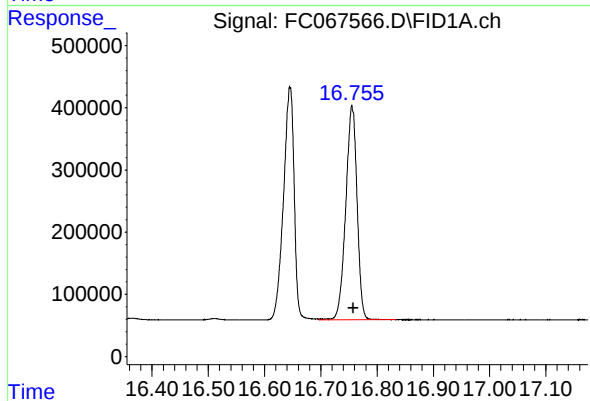
#14 n-Tetracosane (C24)

R.T.: 14.756 min
Delta R.T.: -0.033 min
Response: 9948909
Conc: 82.08 ug/ml m



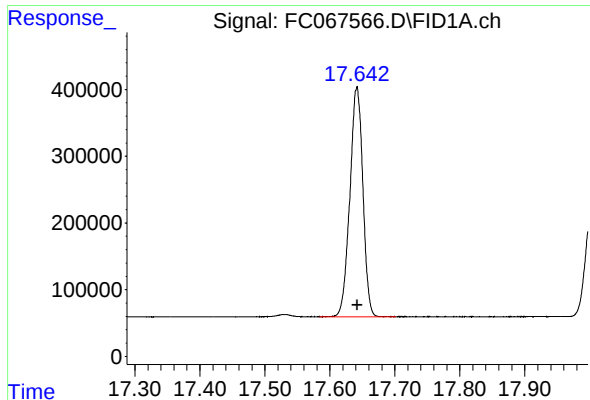
#15 n-Hexacosane (C26)

R.T.: 15.808 min
Delta R.T.: 0.000 min
Response: 4808051
Conc: 40.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.756 min
Delta R.T.: -0.002 min
Response: 4809021
Conc: 40.88 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.642 min
Delta R.T.: 0.000 min
Response: 4795616
Conc: 39.68 ug/ml

Instrument :

FID_C

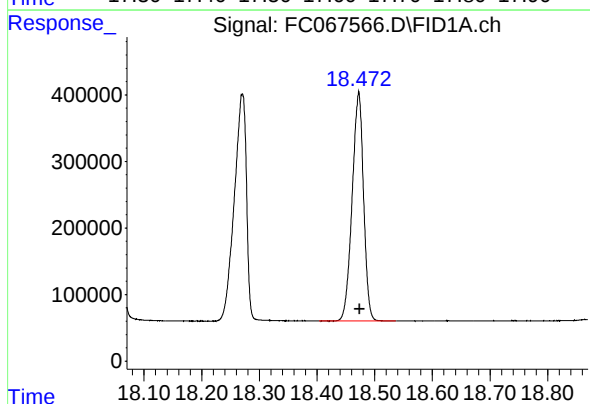
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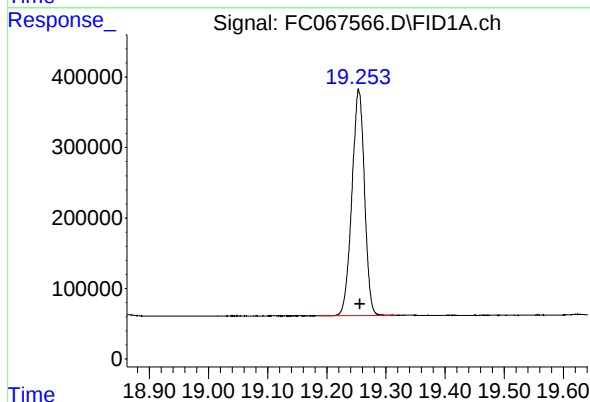
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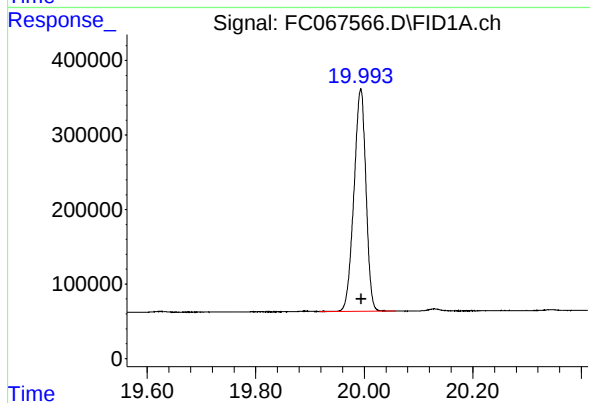
#18 n-Dotriacontane (C32)

R.T.: 18.472 min
Delta R.T.: -0.002 min
Response: 4730933
Conc: 39.98 ug/ml



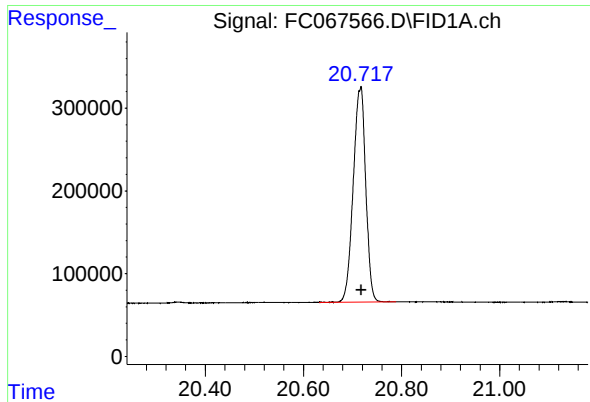
#19 n-Tetratriacontane (C34)

R.T.: 19.254 min
Delta R.T.: -0.002 min
Response: 4748331
Conc: 45.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.993 min
Delta R.T.: -0.001 min
Response: 4581916
Conc: 50.34 ug/ml



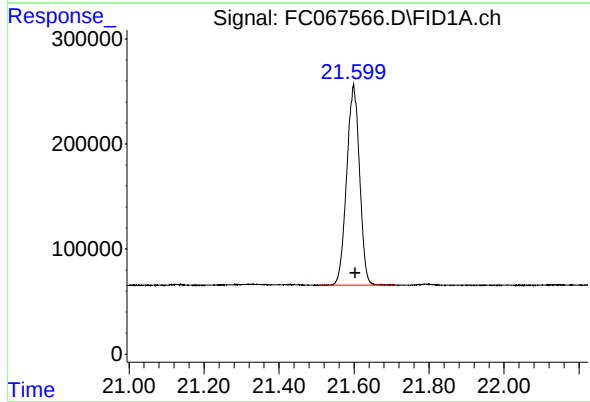
#21 n-Octatriacontane (C38)

R.T.: 20.716 min
Delta R.T.: -0.002 min
Response: 4581586
Conc: 52.90 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.599 min
Delta R.T.: -0.005 min
Response: 4550809
Conc: 53.53 ug/ml