

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F110624AL\
 Data File : FC067637.D
 Signal(s) : FID1A.ch
 Acq On : 06 Nov 2024 15:00
 Operator : YP/AJ
 Sample : PB164709BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB164709BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/07/2024

Supervised By :Ankita Jodhani 11/07/2024

Integration File: autoint1.e

Quant Time: Nov 07 00:31:40 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)	11.494	5923753	40.371 ug/ml
Spiked Amount 50.000		Recovery =	80.74%
12) S 1-chlorooctadecane (S...	12.931	4466761	41.363 ug/ml
Spiked Amount 50.000		Recovery =	82.73%
Target Compounds			
1) T n-Nonane (C9)	3.280	4788479	35.544 ug/ml
2) T n-Decane (C10)	4.340	4977003	36.530 ug/ml
3) T A~Naphthalene (C11.7)	5.914	5551311	37.461 ug/ml
4) T n-Dodecane (C12)	6.351	5115201	37.767 ug/ml
5) T A~2-methylnaphthalene...	6.968	5173318	36.633 ug/ml
6) T n-Tetradecane (C14)	8.145	5305224	40.418 ug/ml
7) T n-Hexadecane (C16)	9.742	5494154	41.590 ug/ml
8) T n-Octadecane (C18)	11.182	5611854	42.478 ug/ml
10) T n-Eicosane (C20)	12.490	5666746	44.911 ug/ml
11) T n-Heneicosane (C21)	13.100	5433402	44.026 ug/ml
13) T n-Docosane (C22)	13.685	5385018	43.978 ug/ml
14) T n-Tetracosane (C24)	14.755	10739281	88.601 ug/mlm
15) T n-Hexacosane (C26)	15.807	5207825	43.743 ug/ml
16) T n-Octacosane (C28)	16.754	5203435	44.229 ug/ml
17) T n-Tricontane (C30)	17.640	5218724	43.176 ug/ml
18) T n-Dotriacontane (C32)	18.471	5158424	43.597 ug/ml
19) T n-Tetratriacontane (C34)	19.252	5196921	49.623 ug/ml
20) T n-Hexatriacontane (C36)	19.992	4975925	54.664 ug/ml
21) T n-Octatriacontane (C38)	20.713	5001681	57.755 ug/ml
22) T n-Tetracontane (C40)	21.598	5078379	59.738 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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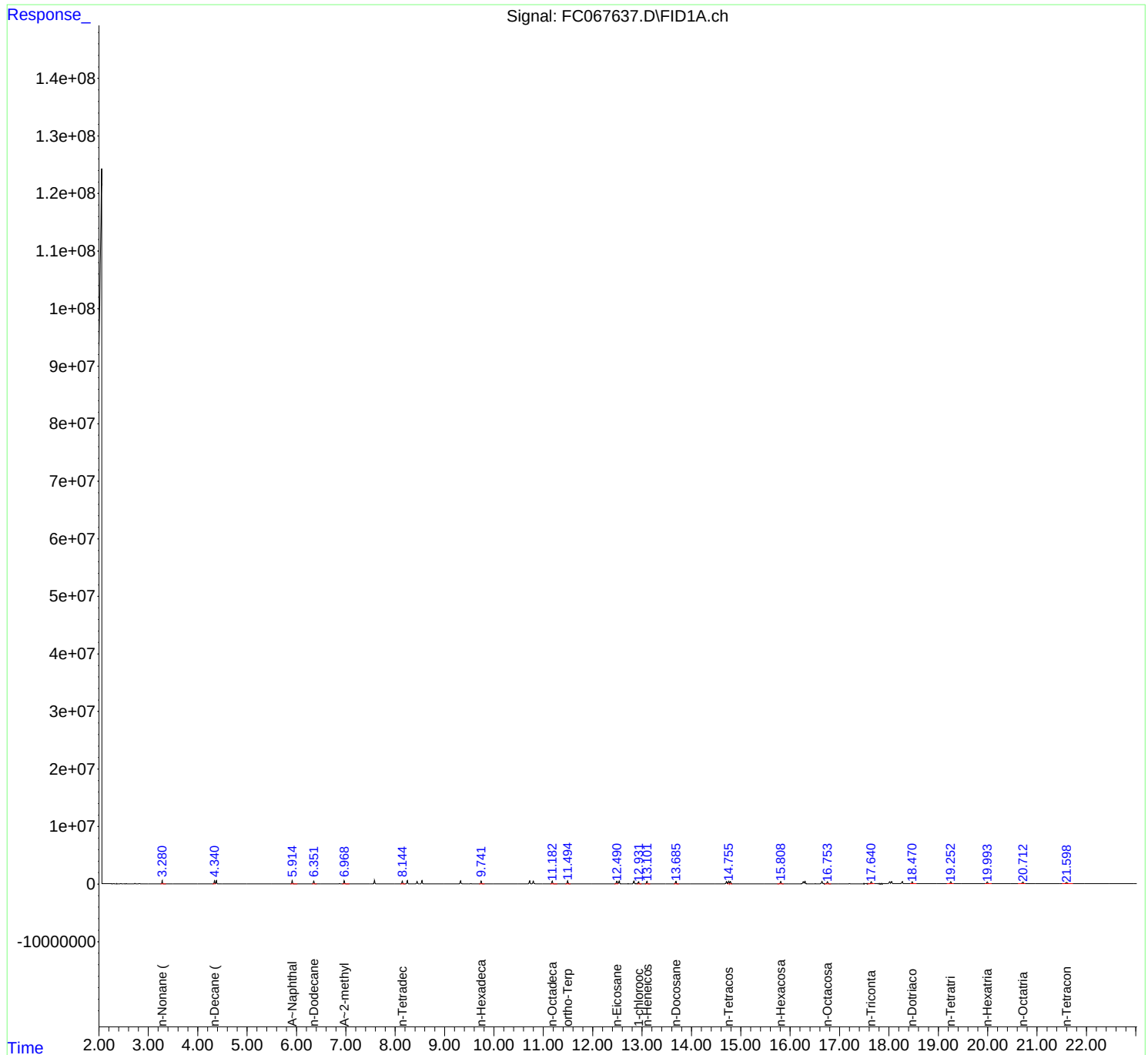
Response via : Initial Calibration

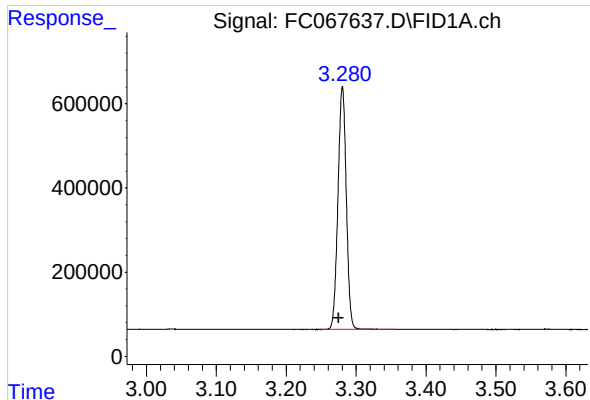
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.280 min
Delta R.T.: 0.005 min
Response: 4788479
Conc: 35.54 ug/ml

Instrument :

FID_C

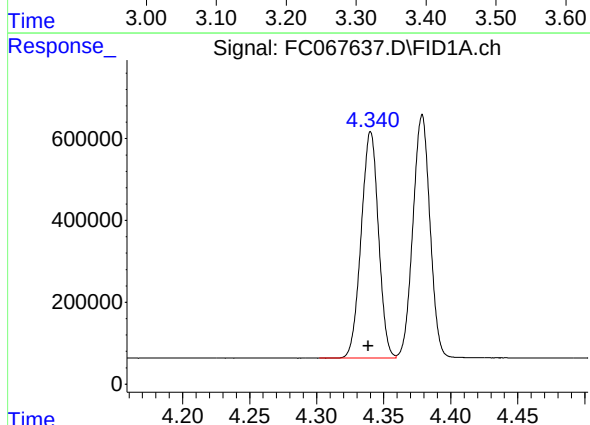
ClientSampleId :

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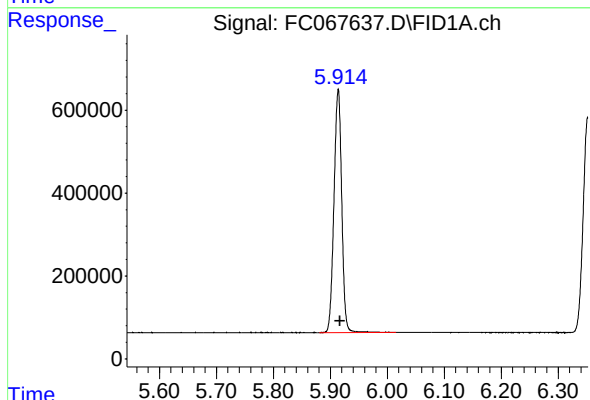
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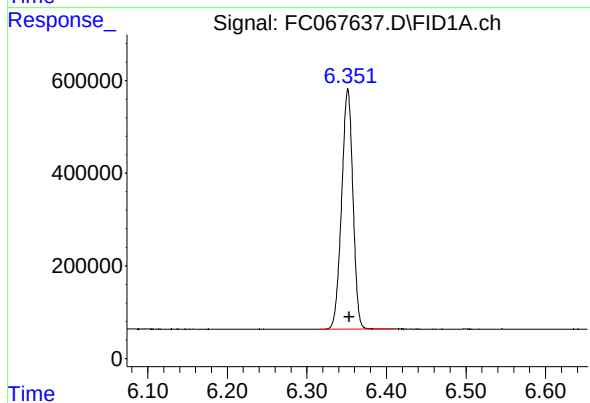
#2 n-Decane (C10)

R.T.: 4.340 min
Delta R.T.: 0.002 min
Response: 4977003
Conc: 36.53 ug/ml



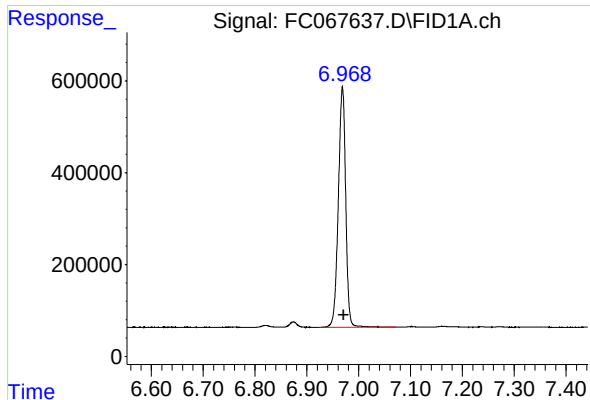
#3 A~Naphthalene (C11.7)

R.T.: 5.914 min
Delta R.T.: -0.003 min
Response: 5551311
Conc: 37.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.351 min
Delta R.T.: -0.002 min
Response: 5115201
Conc: 37.77 ug/ml



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

R.T.: 6.968 min
Delta R.T.: -0.003 min
Response: 5173318
Conc: 36.63 ug/ml

Instrument :

FID_C

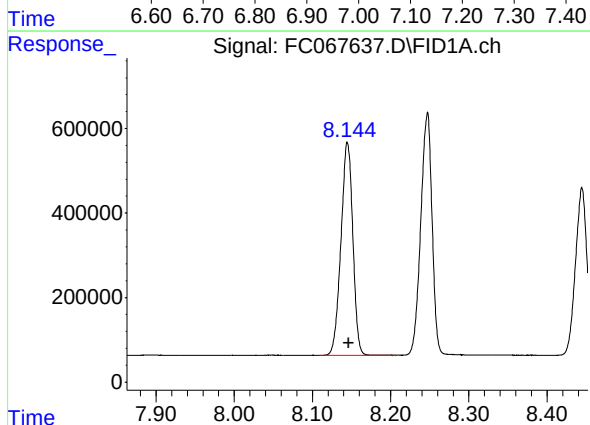
ClientSampleId :

PB164709BS

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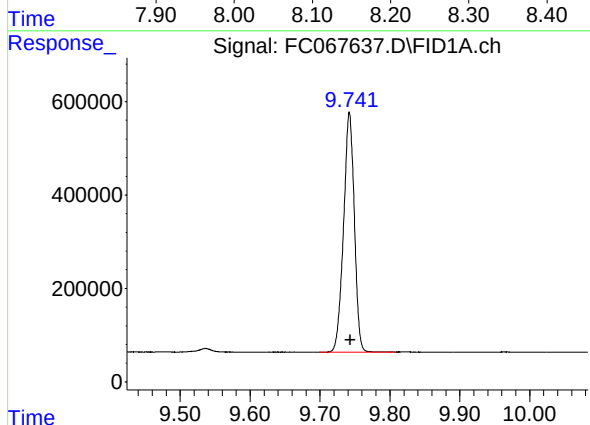
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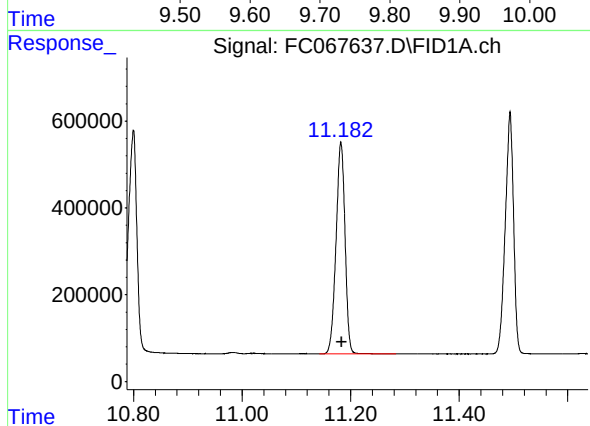
#6 n-Tetradecane (C14)

R.T.: 8.145 min
Delta R.T.: -0.001 min
Response: 5305224
Conc: 40.42 ug/ml



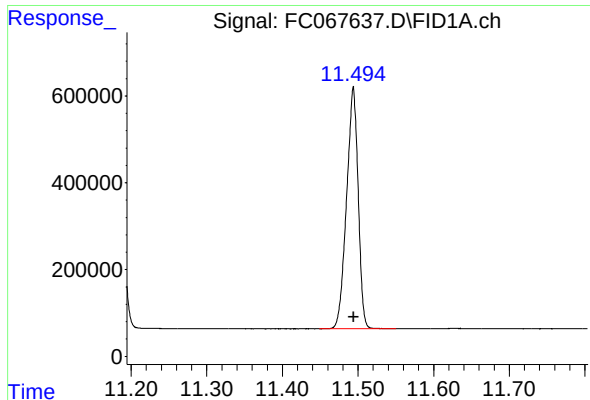
#7 n-Hexadecane (C16)

R.T.: 9.742 min
Delta R.T.: -0.002 min
Response: 5494154
Conc: 41.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.182 min
Delta R.T.: -0.002 min
Response: 5611854
Conc: 42.48 ug/ml



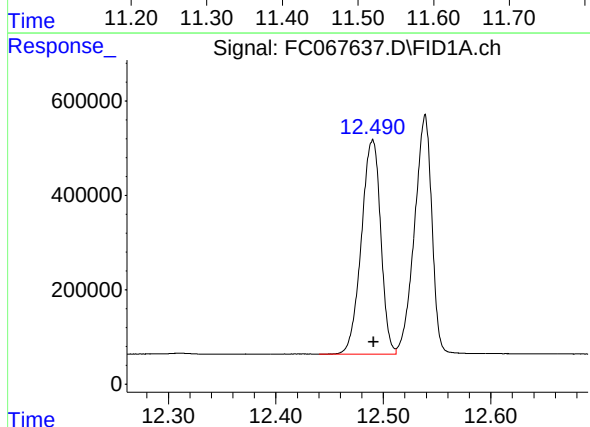
#9 ortho-Terphenyl (SURR)

R.T.: 11.494 min
Delta R.T.: 0.000 min
Response: 5923753
Conc: 40.37 ug/ml

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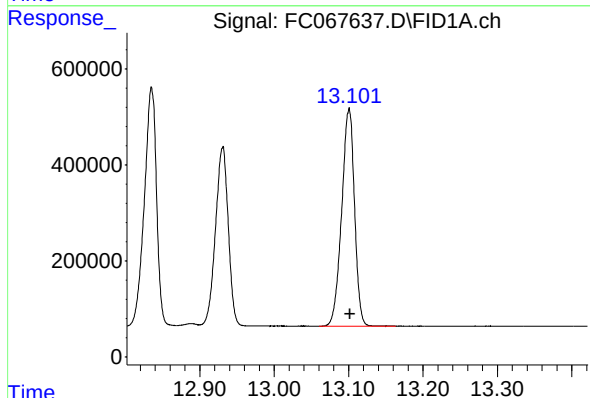
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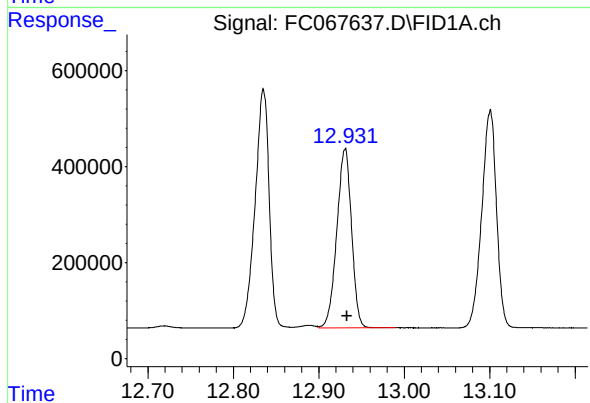
#10 n-Eicosane (C20)

R.T.: 12.490 min
Delta R.T.: -0.001 min
Response: 5666746
Conc: 44.91 ug/ml



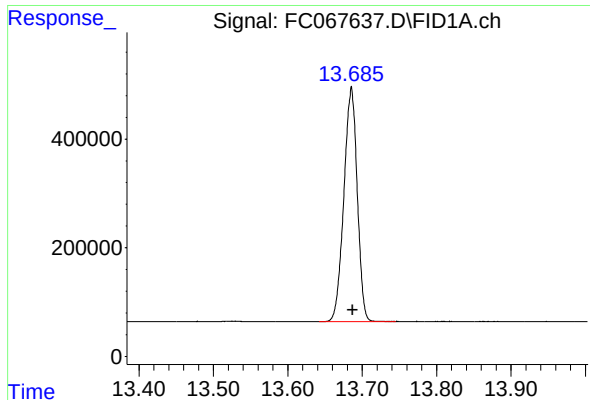
#11 n-Heneicosane (C21)

R.T.: 13.100 min
Delta R.T.: -0.002 min
Response: 5433402
Conc: 44.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.931 min
Delta R.T.: -0.002 min
Response: 4466761
Conc: 41.36 ug/ml



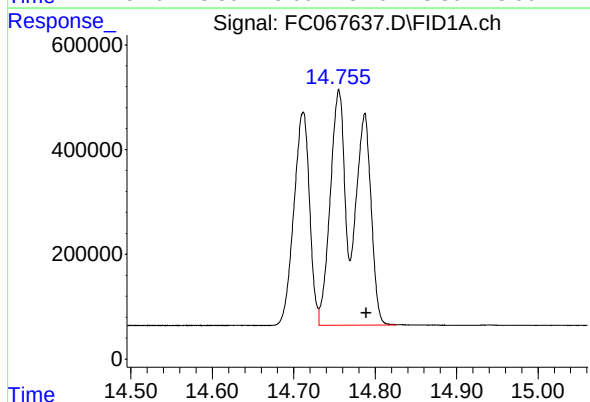
#13 n-Docosane (C22)

R.T.: 13.685 min
Delta R.T.: -0.002 min
Response: 5385018
Conc: 43.98 ug/ml

Instrument :
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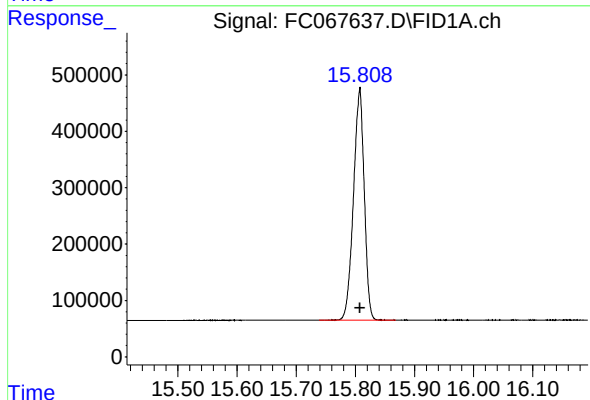
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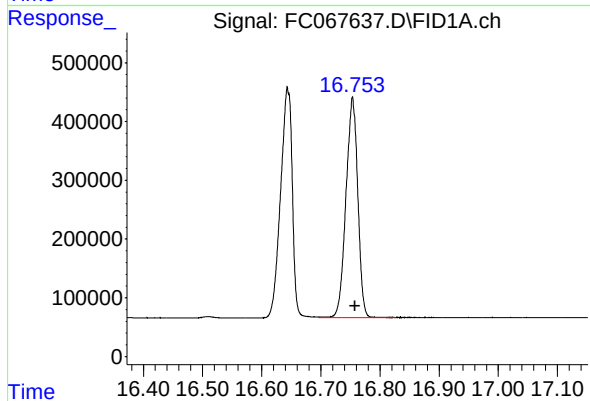
#14 n-Tetracosane (C24)

R.T.: 14.755 min
Delta R.T.: -0.034 min
Response: 10739281
Conc: 88.60 ug/ml



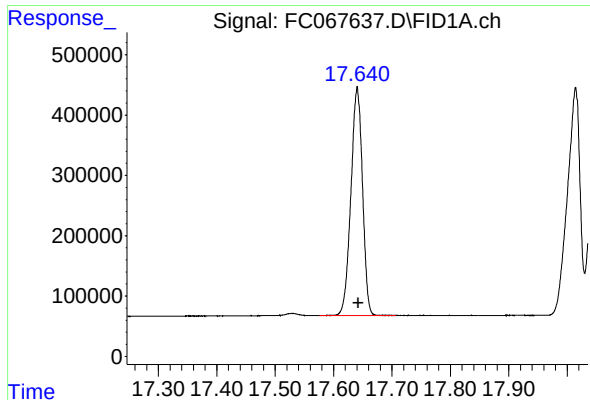
#15 n-Hexacosane (C26)

R.T.: 15.807 min
Delta R.T.: 0.000 min
Response: 5207825
Conc: 43.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.754 min
Delta R.T.: -0.004 min
Response: 5203435
Conc: 44.23 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.640 min
Delta R.T.: -0.002 min
Response: 5218724
Conc: 43.18 ug/ml

Instrument :

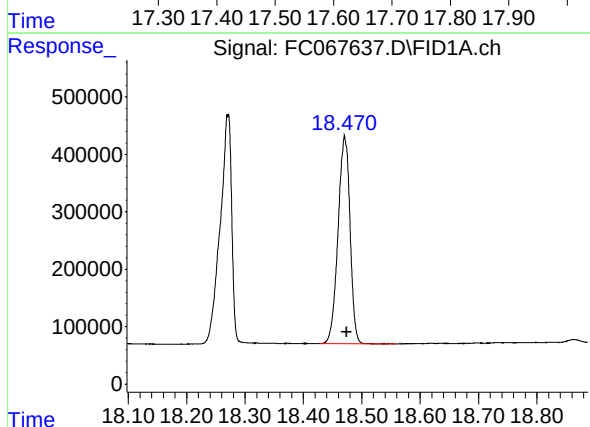
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ClientSampleId :

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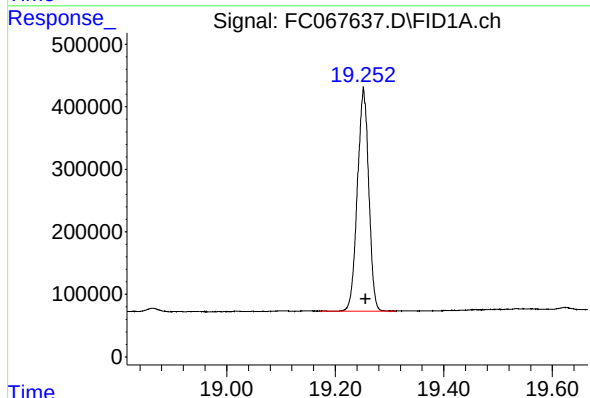
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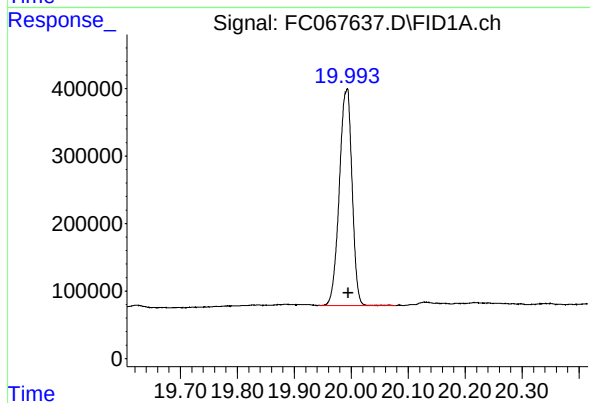
#18 n-Dotriacontane (C32)

R.T.: 18.471 min
Delta R.T.: -0.003 min
Response: 5158424
Conc: 43.60 ug/ml



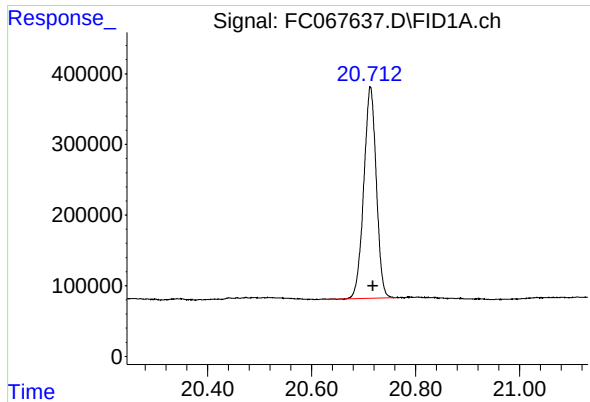
#19 n-Tetratriacontane (C34)

R.T.: 19.252 min
Delta R.T.: -0.004 min
Response: 5196921
Conc: 49.62 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.992 min
Delta R.T.: -0.003 min
Response: 4975925
Conc: 54.66 ug/ml



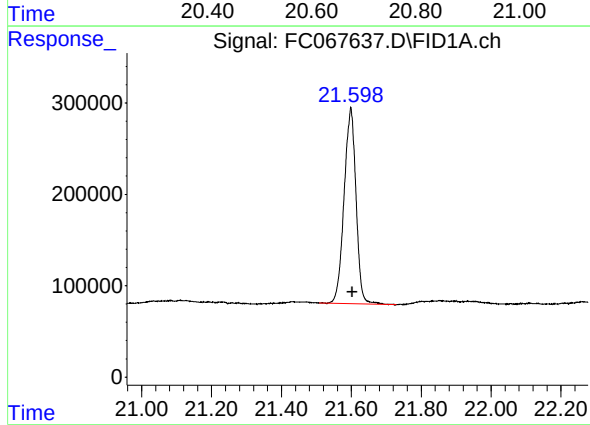
#21 n-Octatriacontane (C38)

R.T.: 20.713 min
Delta R.T.: -0.005 min
Response: 5001681
Conc: 57.75 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.598 min
Delta R.T.: -0.005 min
Response: 5078379
Conc: 59.74 ug/ml