

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F100824AL\
 Data File : FC067389.D
 Signal(s) : FID1A.ch
 Acq On : 08 Oct 2024 15:56
 Operator : YP/AJ
 Sample : PB163971BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB163971BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/09/2024

Supervised By :Ankita Jodhani 10/09/2024

Integration File: autoint1.e

Quant Time: Oct 09 02:10:41 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M

Quant Title : GC Extractables

QLast Update : Tue Oct 01 09:13:32 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)	11.506	5821883	38.261 ug/ml
Spiked Amount 50.000		Recovery =	76.52%
12) S 1-chlorooctadecane (S...	12.944	4586627	40.520 ug/ml
Spiked Amount 50.000		Recovery =	81.04%
Target Compounds			
1) T n-Nonane (C9)	3.285	4216112	33.261 ug/ml
2) T n-Decane (C10)	4.347	4404186	34.263 ug/ml
3) T A~Naphthalene (C11.7)	5.923	5083168	35.833 ug/ml
4) T n-Dodecane (C12)	6.360	4519123	34.826 ug/ml
5) T A~2-methylnaphthalene...	6.979	4875293	35.537 ug/ml
6) T n-Tetradecane (C14)	8.155	4864674	37.770 ug/ml
7) T n-Hexadecane (C16)	9.753	5315050	39.927 ug/ml
8) T n-Octadecane (C18)	11.194	5451523	40.202 ug/ml
10) T n-Eicosane (C20)	12.502	5501310	42.133 ug/ml
11) T n-Heneicosane (C21)	13.113	5277749	41.150 ug/ml
13) T n-Docosane (C22)	13.698	5236373	41.009 ug/ml
14) T n-Tetracosane (C24)	14.800	4897705	38.296 ug/ml
15) T n-Hexacosane (C26)	15.822	5096603	40.422 ug/ml
16) T n-Octacosane (C28)	16.769	5075368	40.400 ug/ml
17) T n-Tricontane (C30)	17.656	5077231	39.412 ug/ml
18) T n-Dotriacontane (C32)	18.486	4853042	38.847 ug/ml
19) T n-Tetratriacontane (C34)	19.269	4272732	39.100 ug/ml
20) T n-Hexatriacontane (C36)	20.007	3251587	34.402 ug/mlm
21) T n-Octatriacontane (C38)	20.731	2586198	29.489 ug/ml
22) T n-Tetracontane (C40)	21.621	2170661	25.226 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 12 Sample Multiplier: 1

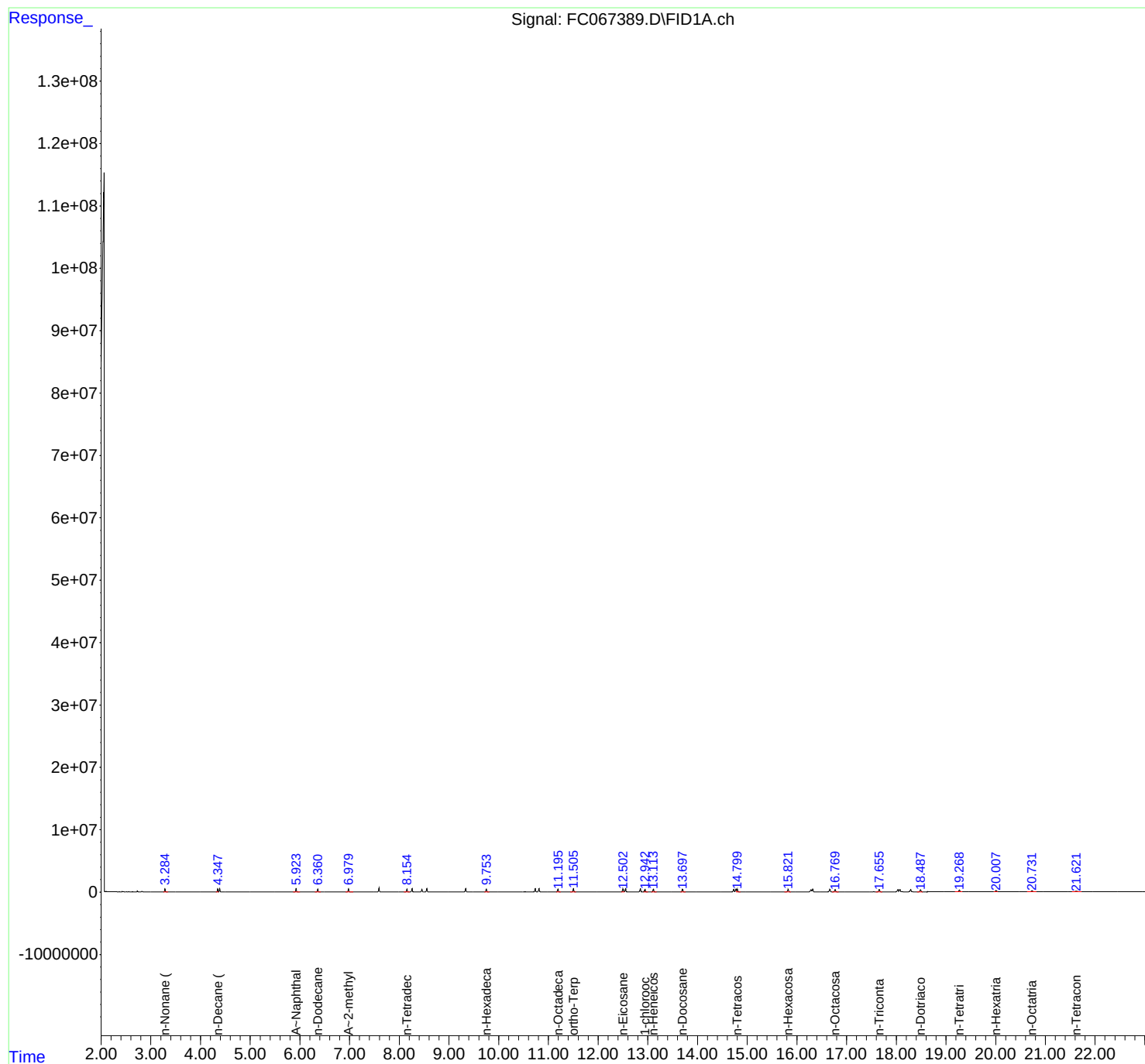
Instrument :
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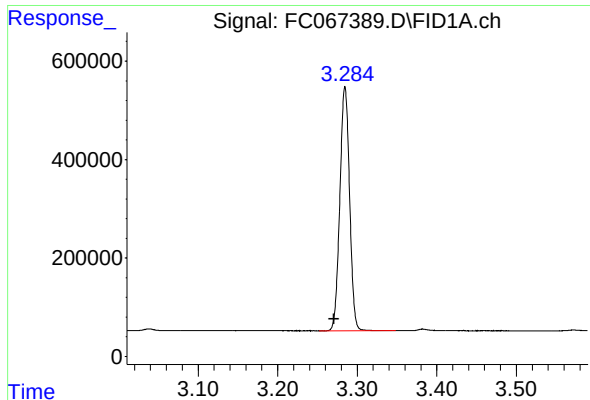
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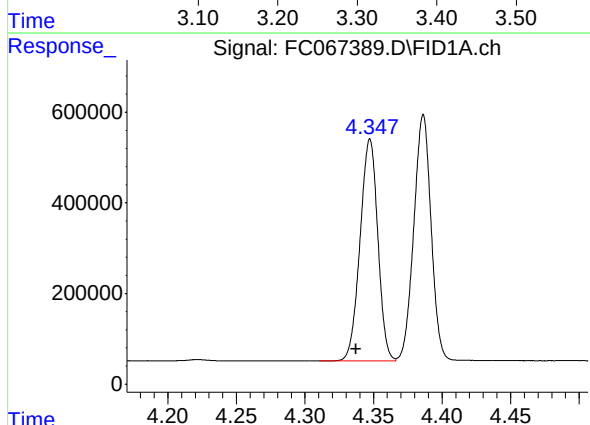
#1 n-Nonane (C9)

R.T.: 3.285 min
Delta R.T.: 0.014 min
Response: 4216112
Conc: 33.26 ug/ml

Instrument :
FID_C
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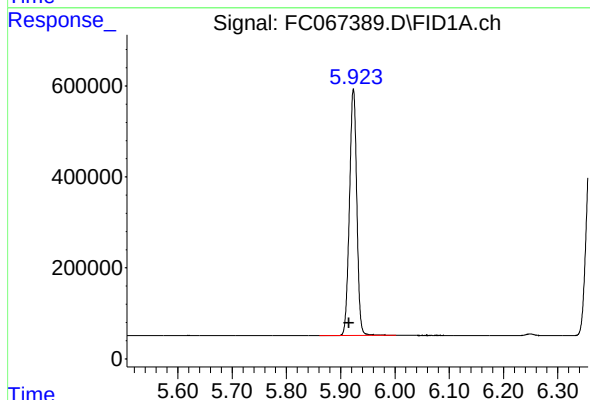
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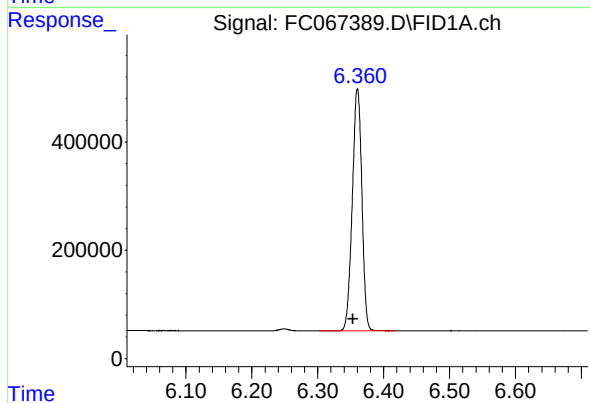
#2 n-Decane (C10)

R.T.: 4.347 min
Delta R.T.: 0.010 min
Response: 4404186
Conc: 34.26 ug/ml



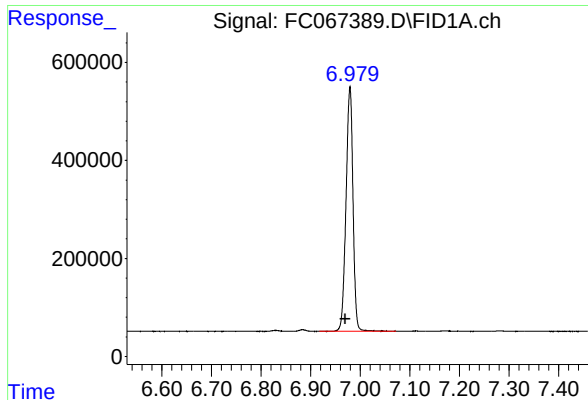
#3 A~Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: 0.008 min
Response: 5083168
Conc: 35.83 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.360 min
Delta R.T.: 0.007 min
Response: 4519123
Conc: 34.83 ug/ml



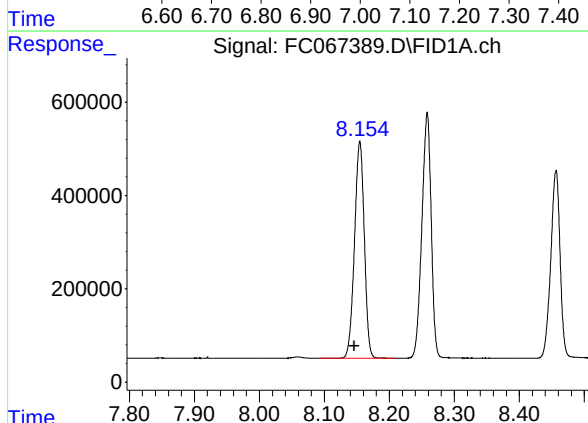
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.979 min
Delta R.T.: 0.009 min
Response: 4875293
Conc: 35.54 ug/ml

Instrument :
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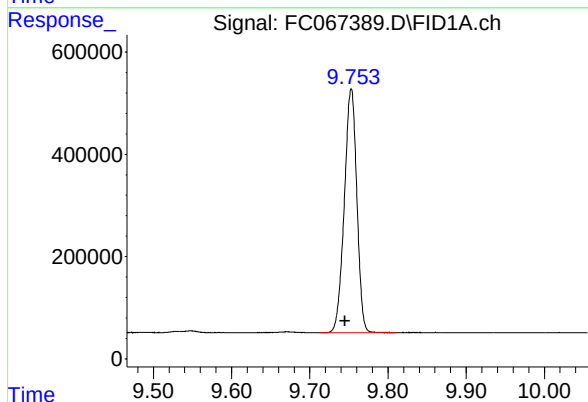
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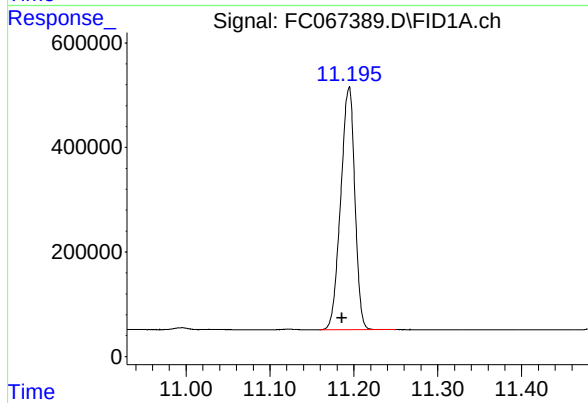
#6 n-Tetradecane (C14)

R.T.: 8.155 min
Delta R.T.: 0.008 min
Response: 4864674
Conc: 37.77 ug/ml



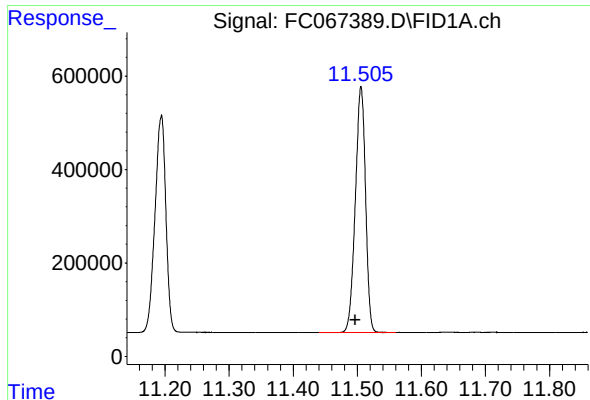
#7 n-Hexadecane (C16)

R.T.: 9.753 min
Delta R.T.: 0.008 min
Response: 5315050
Conc: 39.93 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.194 min
Delta R.T.: 0.008 min
Response: 5451523
Conc: 40.20 ug/ml



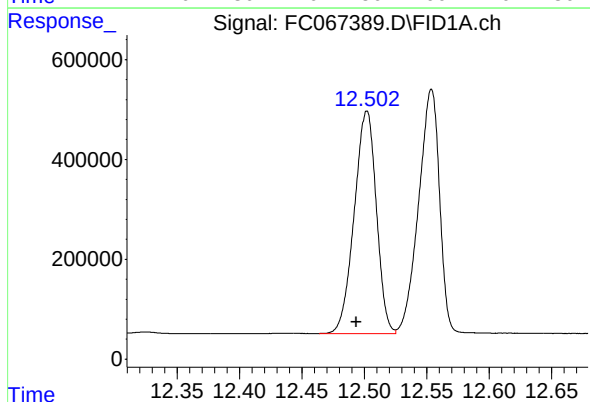
#9 ortho-Terphenyl (SURR)

R.T.: 11.506 min
Delta R.T.: 0.009 min
Response: 5821883
Conc: 38.26 ug/ml

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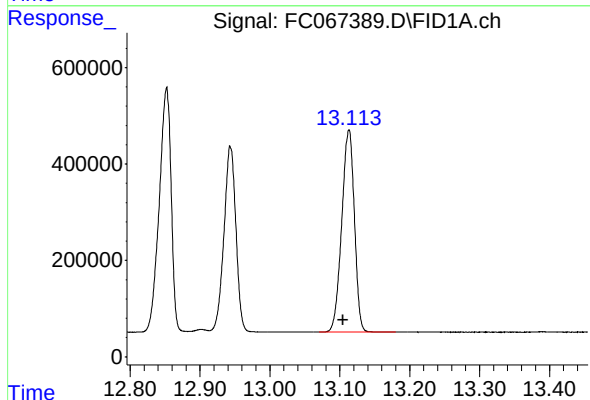
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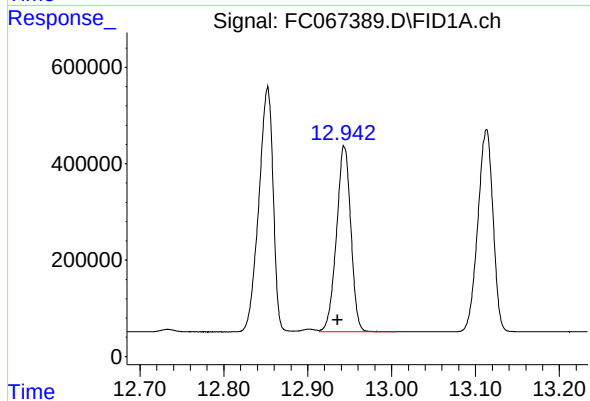
#10 n-Eicosane (C20)

R.T.: 12.502 min
Delta R.T.: 0.008 min
Response: 5501310
Conc: 42.13 ug/ml



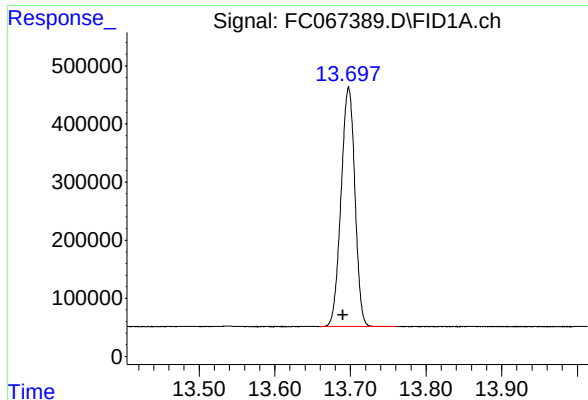
#11 n-Heneicosane (C21)

R.T.: 13.113 min
Delta R.T.: 0.008 min
Response: 5277749
Conc: 41.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.944 min
Delta R.T.: 0.008 min
Response: 4586627
Conc: 40.52 ug/ml



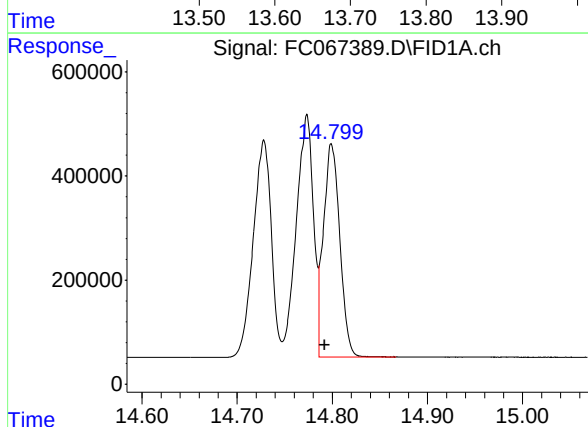
#13 n-Docosane (C22)

R.T.: 13.698 min
Delta R.T.: 0.007 min
Response: 5236373
Conc: 41.01 ug/ml

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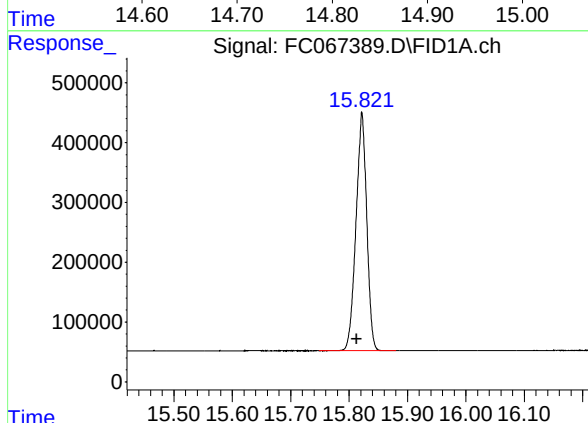
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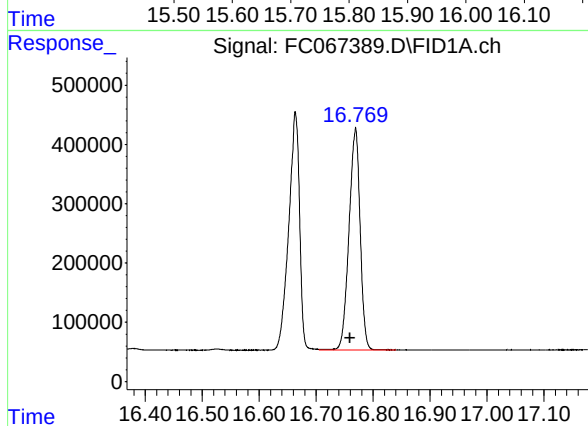
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: 0.008 min
Response: 4897705
Conc: 38.30 ug/ml



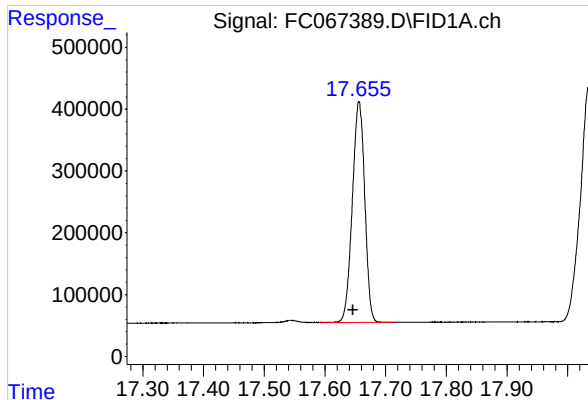
#15 n-Hexacosane (C26)

R.T.: 15.822 min
Delta R.T.: 0.009 min
Response: 5096603
Conc: 40.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.769 min
Delta R.T.: 0.009 min
Response: 5075368
Conc: 40.40 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.656 min
Delta R.T.: 0.010 min
Response: 5077231
Conc: 39.41 ug/ml

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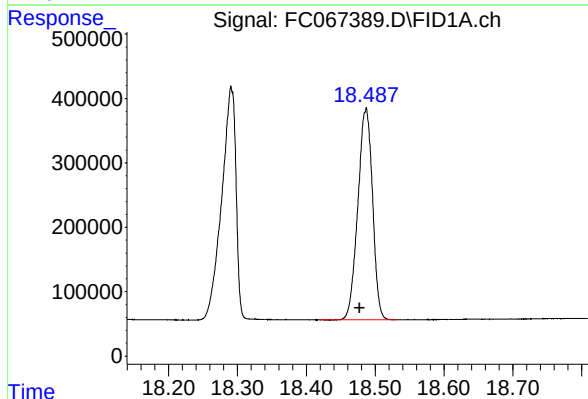
ClientSampleId :

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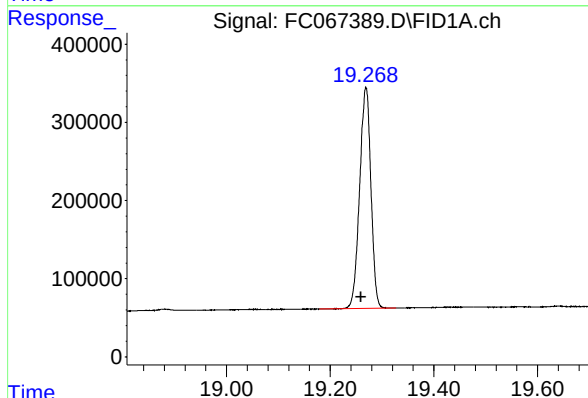
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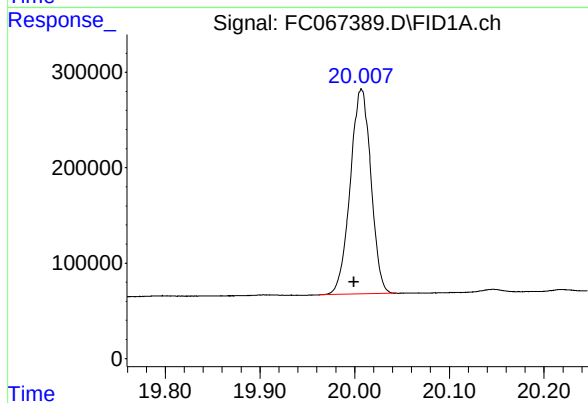
#18 n-Dotriacontane (C32)

R.T.: 18.486 min
Delta R.T.: 0.009 min
Response: 4853042
Conc: 38.85 ug/ml



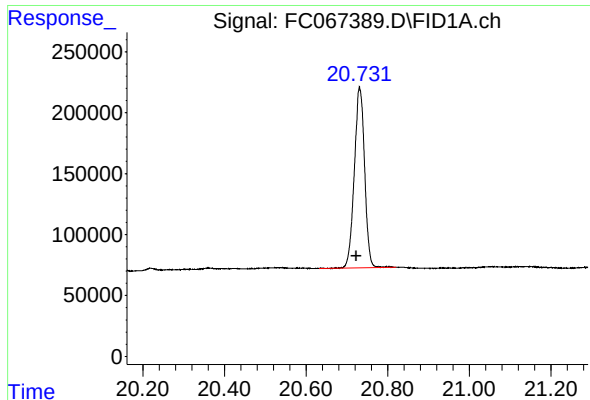
#19 n-Tetratriacontane (C34)

R.T.: 19.269 min
Delta R.T.: 0.009 min
Response: 4272732
Conc: 39.10 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.007 min
Delta R.T.: 0.008 min
Response: 3251587
Conc: 34.40 ug/ml m



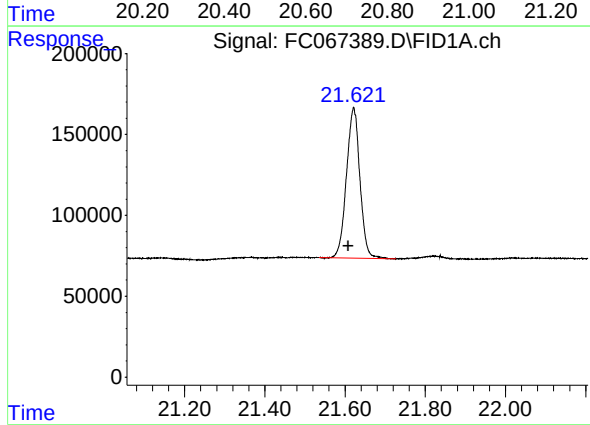
#21 n-Octatriacontane (C38)

R.T.: 20.731 min
Delta R.T.: 0.008 min
Response: 2586198
Conc: 29.49 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.621 min
Delta R.T.: 0.014 min
Response: 2170661
Conc: 25.23 ug/ml