

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F100724AL\
 Data File : FC067373.D
 Signal(s) : FID1A.ch
 Acq On : 07 Oct 2024 13:58
 Operator : YP/AJ
 Sample : PB163949BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB163949BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/08/2024
 Supervised By :Ankita Jodhani 10/08/2024

Integration File: autoint1.e
 Quant Time: Oct 08 02:47:18 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)	11.502	5872957	38.597 ug/ml
Spiked Amount 50.000		Recovery =	77.19%
12) S 1-chlorooctadecane (S...	12.940	4579581	40.458 ug/ml
Spiked Amount 50.000		Recovery =	80.92%
Target Compounds			
1) T n-Nonane (C9)	3.284	4735745	37.360 ug/ml
2) T n-Decane (C10)	4.346	5026274	39.102 ug/ml
3) T A~Naphthalene (C11.7)	5.921	5758871	40.597 ug/ml
4) T n-Dodecane (C12)	6.359	5170099	39.843 ug/ml
5) T A~2-methylnaphthalene...	6.976	5445265	39.692 ug/ml
6) T n-Tetradecane (C14)	8.152	5243513	40.711 ug/ml
7) T n-Hexadecane (C16)	9.751	5193780	39.016 ug/ml
8) T n-Octadecane (C18)	11.190	5183826	38.228 ug/ml
10) T n-Eicosane (C20)	12.498	5209950	39.902 ug/ml
11) T n-Heneicosane (C21)	13.108	4975749	38.795 ug/ml
13) T n-Docosane (C22)	13.694	4927854	38.593 ug/ml
14) T n-Tetracosane (C24)	14.764	10014830	78.307 ug/mlm
15) T n-Hexacosane (C26)	15.816	4787412	37.969 ug/ml
16) T n-Octacosane (C28)	16.764	4720241	37.573 ug/ml
17) T n-Tricontane (C30)	17.653	4718252	36.625 ug/ml
18) T n-Dotriacontane (C32)	18.482	4645220	37.183 ug/ml
19) T n-Tetratriacontane (C34)	19.265	4594497	42.044 ug/ml
20) T n-Hexatriacontane (C36)	20.003	4370402	46.239 ug/ml
21) T n-Octatriacontane (C38)	20.728	4237617	48.320 ug/ml
22) T n-Tetracontane (C40)	21.616	4112706	47.796 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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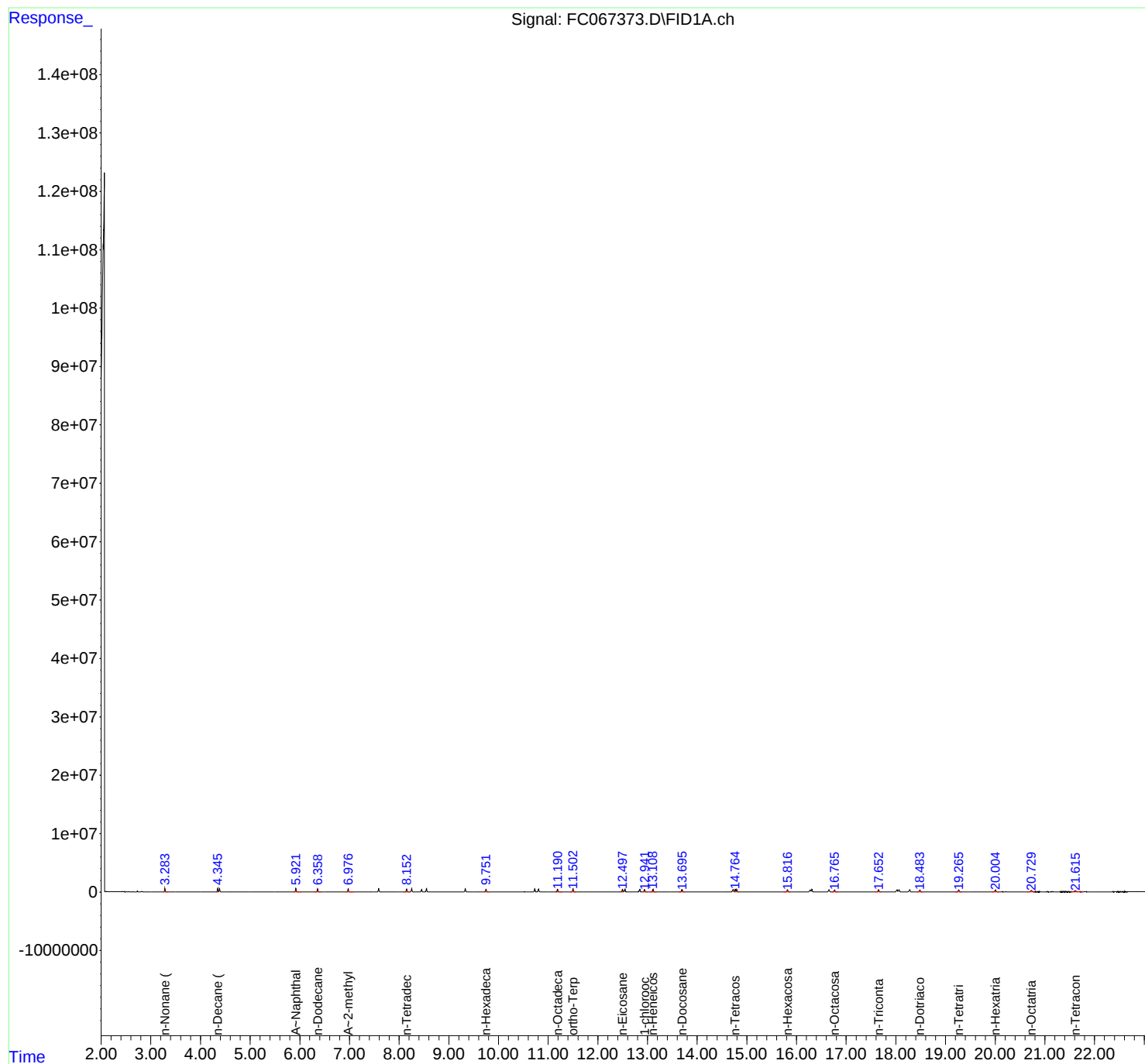
Response via : Initial Calibration

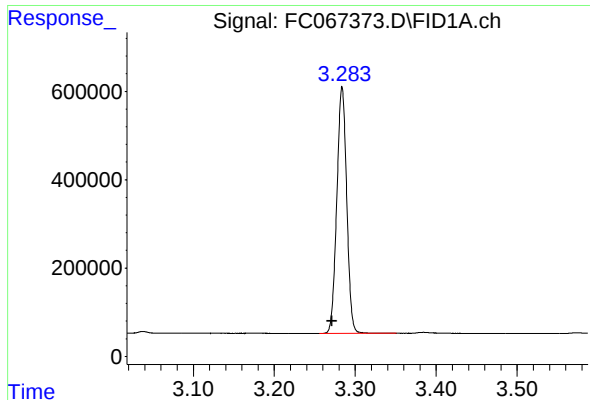
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.284 min
Delta R.T.: 0.013 min
Response: 4735745
Conc: 37.36 ug/ml

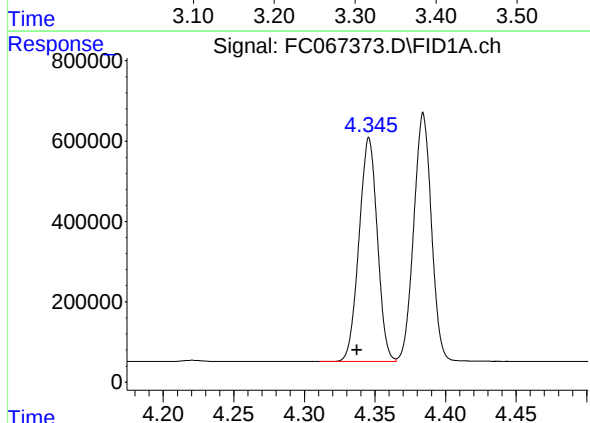
Instrument :

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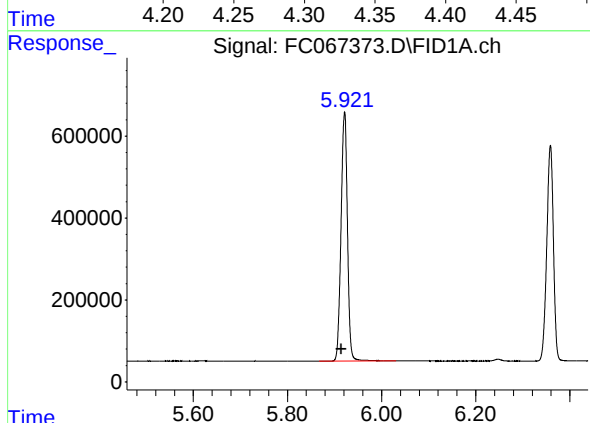
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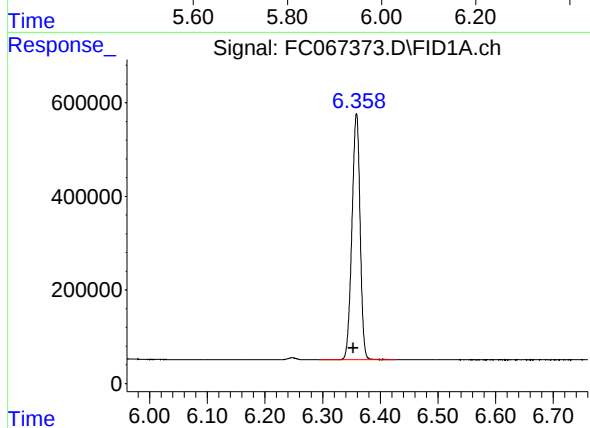
#2 n-Decane (C10)

R.T.: 4.346 min
Delta R.T.: 0.009 min
Response: 5026274
Conc: 39.10 ug/ml



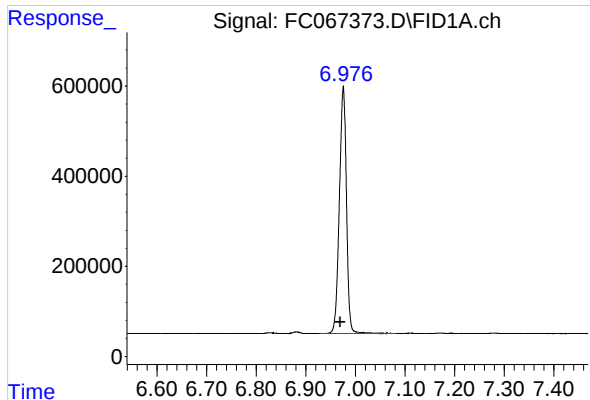
#3 A~Naphthalene (C11.7)

R.T.: 5.921 min
Delta R.T.: 0.006 min
Response: 5758871
Conc: 40.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.359 min
Delta R.T.: 0.005 min
Response: 5170099
Conc: 39.84 ug/ml



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

R.T.: 6.976 min
Delta R.T.: 0.006 min
Response: 5445265
Conc: 39.69 ug/ml

Instrument :

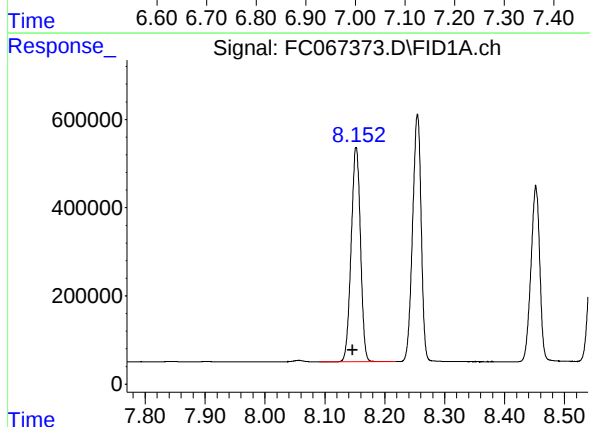
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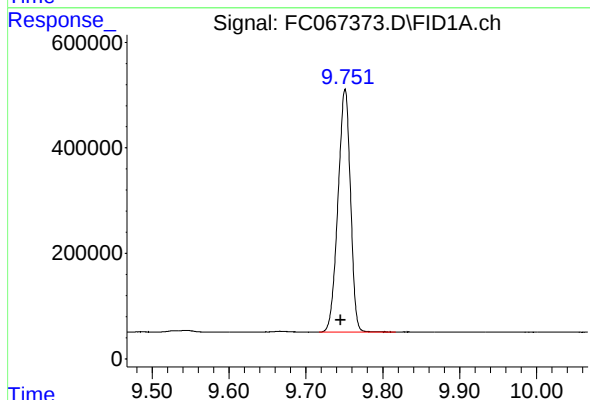
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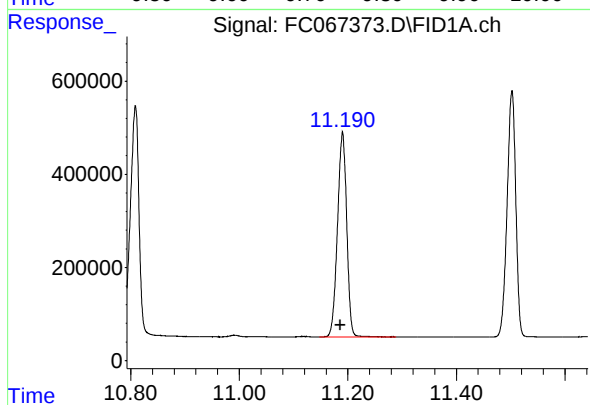
#6 n-Tetradecane (C14)

R.T.: 8.152 min
Delta R.T.: 0.006 min
Response: 5243513
Conc: 40.71 ug/ml



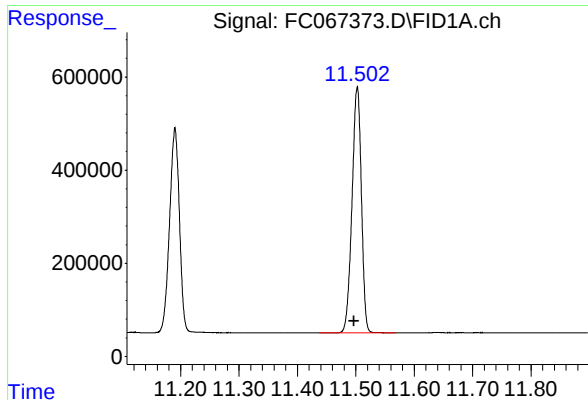
#7 n-Hexadecane (C16)

R.T.: 9.751 min
Delta R.T.: 0.006 min
Response: 5193780
Conc: 39.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.190 min
Delta R.T.: 0.004 min
Response: 5183826
Conc: 38.23 ug/ml



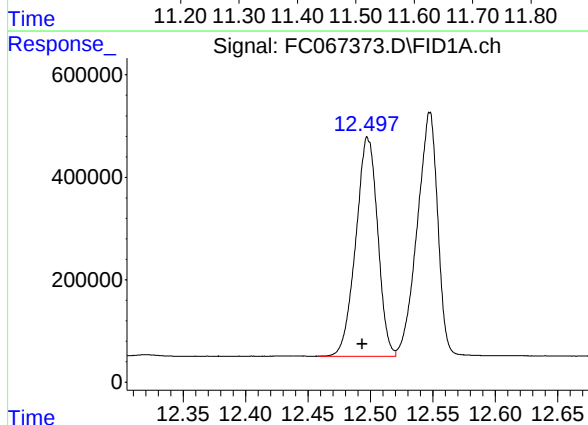
#9 ortho-Terphenyl (SURR)

R.T.: 11.502 min
Delta R.T.: 0.005 min
Response: 5872957
Conc: 38.60 ug/ml

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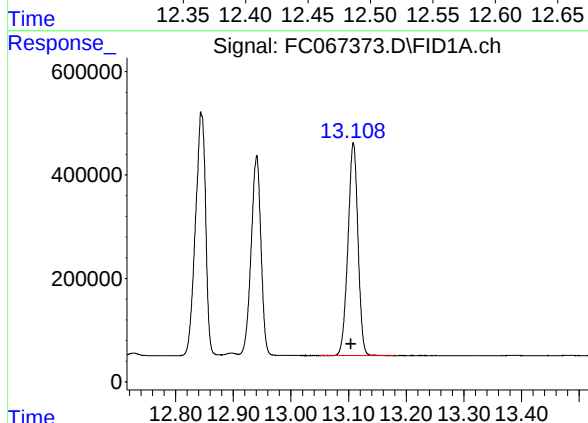
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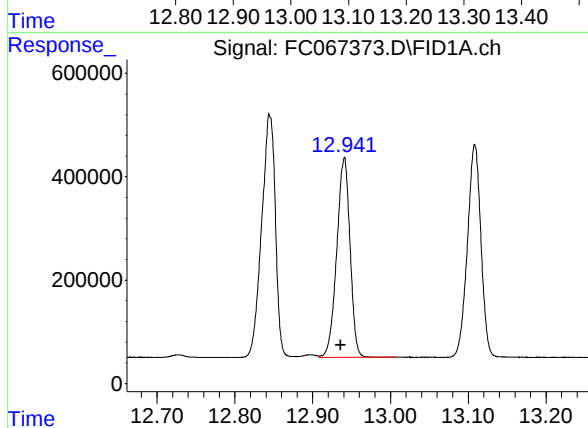
#10 n-Eicosane (C20)

R.T.: 12.498 min
Delta R.T.: 0.004 min
Response: 5209950
Conc: 39.90 ug/ml



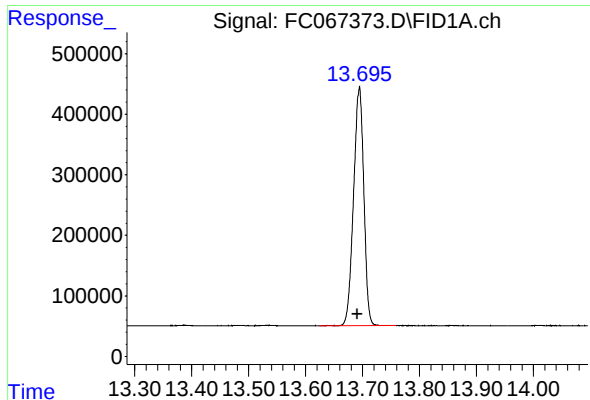
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: 0.004 min
Response: 4975749
Conc: 38.80 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.940 min
Delta R.T.: 0.005 min
Response: 4579581
Conc: 40.46 ug/ml



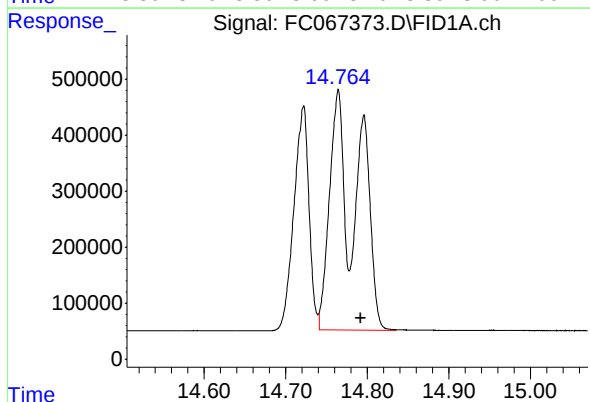
#13 n-Docosane (C22)

R.T.: 13.694 min
Delta R.T.: 0.004 min
Response: 4927854
Conc: 38.59 ug/ml

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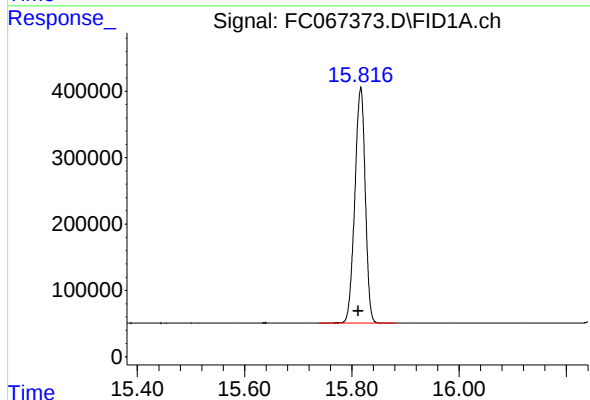
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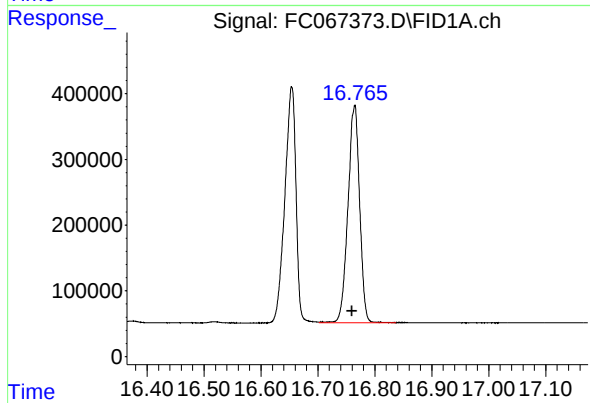
#14 n-Tetracosane (C24)

R.T.: 14.764 min
Delta R.T.: -0.028 min
Response: 10014830
Conc: 78.31 ug/ml m



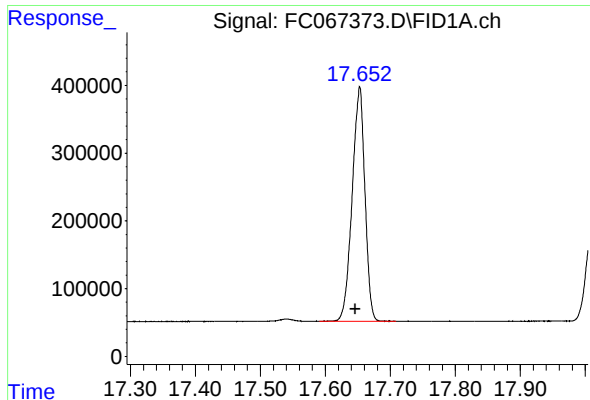
#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: 0.004 min
Response: 4787412
Conc: 37.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.764 min
Delta R.T.: 0.004 min
Response: 4720241
Conc: 37.57 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.653 min
Delta R.T.: 0.006 min
Response: 4718252
Conc: 36.63 ug/ml

Instrument :

FID_C

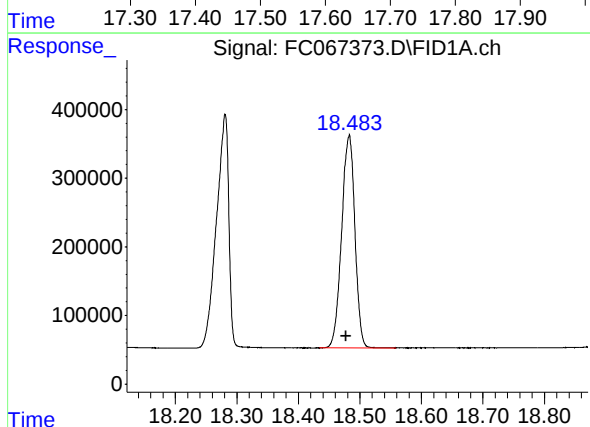
ClientSampleId :

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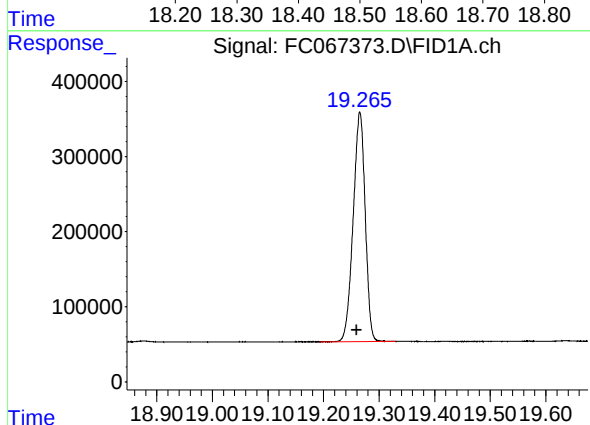
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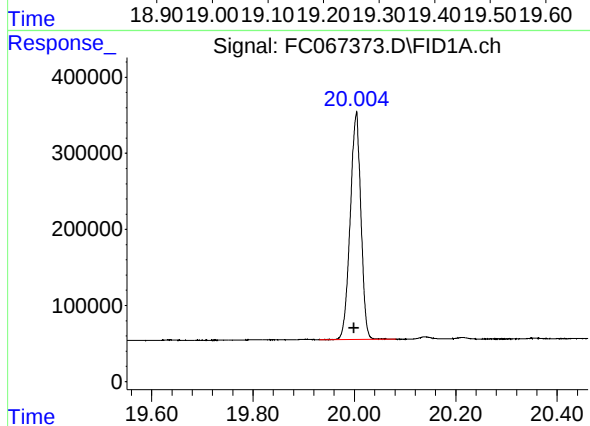
#18 n-Dotriacontane (C32)

R.T.: 18.482 min
Delta R.T.: 0.005 min
Response: 4645220
Conc: 37.18 ug/ml



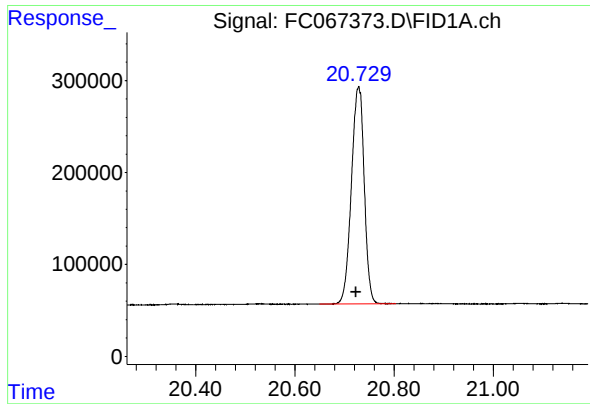
#19 n-Tetatriacontane (C34)

R.T.: 19.265 min
Delta R.T.: 0.006 min
Response: 4594497
Conc: 42.04 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.003 min
Delta R.T.: 0.004 min
Response: 4370402
Conc: 46.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.728 min
Delta R.T.: 0.005 min
Response: 4237617
Conc: 48.32 ug/ml

Instrument :

FID_C

ClientSampleId :

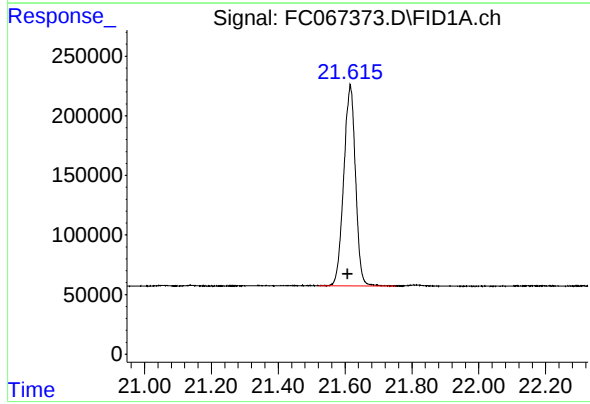
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#22 n-Tetracontane (C40)

R.T.: 21.616 min
Delta R.T.: 0.008 min
Response: 4112706
Conc: 47.80 ug/ml