

Data Path : P:\HPCHEM1\FID_C\Data\FC052418AL\
 Data File : FC034291.D
 Signal(s) : FID1A.CH
 Acq On : 24 May 2018 21:42
 Operator : UA/AJ
 Sample : 100 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
 APPROVED

UGO
 5/26/2018 11:41:17 AM

Integration File: autoint1.e
 Quant Time: May 25 02:20:02 2018
 Quant Method : \\74.0.250.170\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EP
 Quant Title : GC Extractables
 QLast Update : Fri May 25 02:19:05 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.497	14825292	101.104 ug/ml
Spiked Amount 50.000		Recovery =	202.21%
12) S 1-chlorooctadecane (S...	12.936	11700610	101.029 ug/ml
Spiked Amount 50.000		Recovery =	202.06%
Target Compounds			
1) T n-Nonane (C9)	3.262	11635277	100.073 ug/ml
2) T n-Decane (C10)	4.335	12040111	100.537 ug/ml
3) T A-Naphthalene (C11.7)	5.916	14508497	100.758 ug/ml
4) T n-Dodecane (C12)	6.355	12912345	100.951 ug/ml
5) T A-2-methylnaphthalene...	6.973	15102567	101.293 ug/ml
6) T n-Tetradecane (C14)	8.146	13733024	101.080 ug/ml
7) T n-Hexadecane (C16)	9.744	14078758	100.948 ug/ml
8) T n-Octadecane (C18)	11.186	13882236	100.896 ug/ml
10) T n-Eicosane (C20)	12.493	13997561	100.845 ug/ml
11) T n-Heneicosane (C21)	13.105	13778527	100.753 ug/ml
13) T n-Docosane (C22)	13.691	13678853	100.792 ug/ml
14) T n-Tetracosane (C24)	14.794	13165586	100.938 ug/ml
15) T n-Hexacosane (C26)	15.814	12680712	100.814 ug/ml
16) T n-Octacosane (C28)	16.765	12479133	100.781 ug/ml
17) T n-Tricontane (C30)	17.652	11941857	101.002 ug/ml
18) T n-Dotriacontane (C32)	18.484	11489854	100.225 ug/mlm
19) T n-Tetratriacontane (C34)	19.269	11004424	99.536 ug/ml
20) T n-Hexatriacontane (C36)	20.007	10699076	96.752 ug/ml
21) T n-Octatriacontane (C38)	20.732	10354730	97.977 ug/mlm
22) T n-Tetracontane (C40)	21.621	10254660	96.099 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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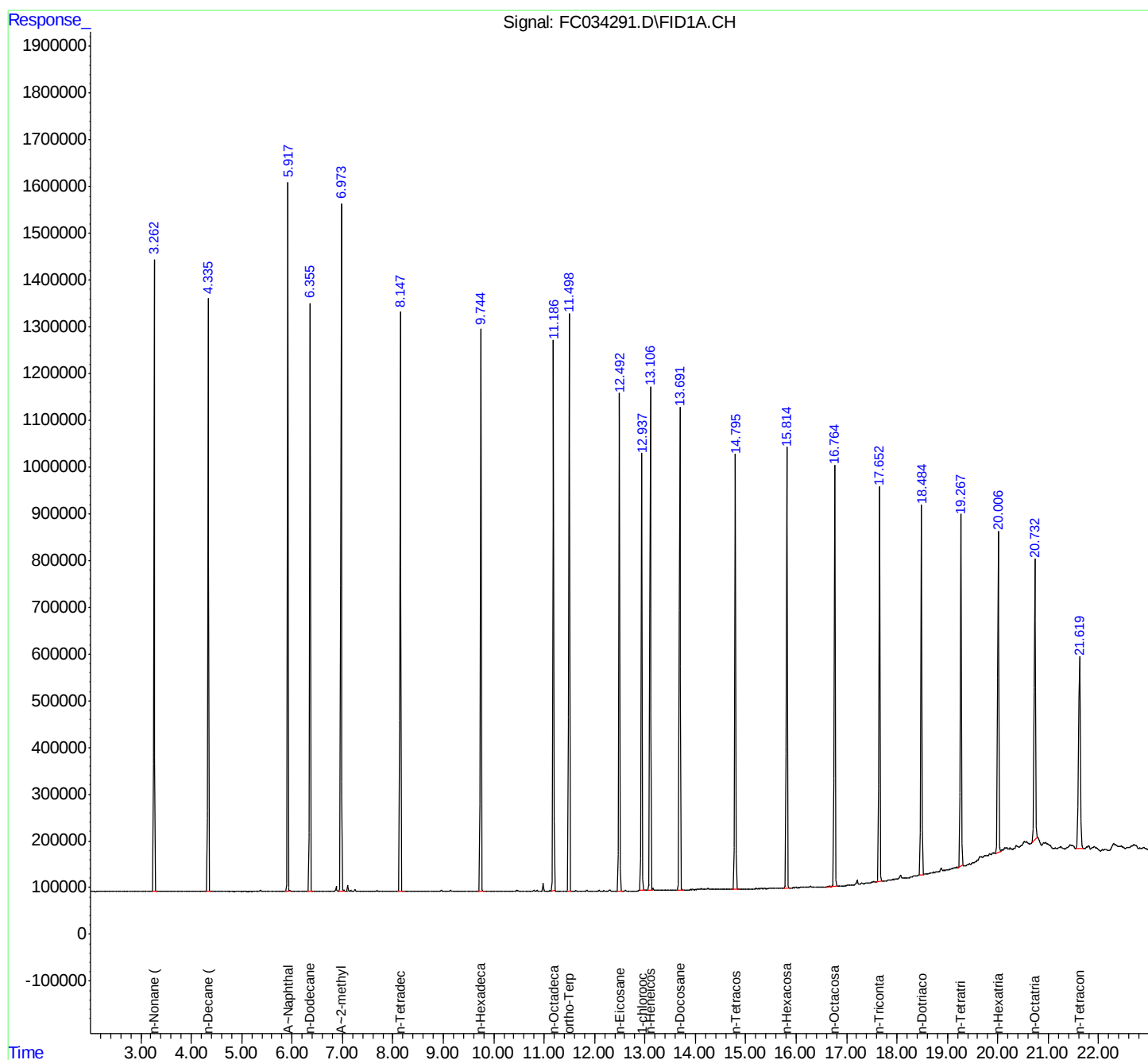
Instrument :
FID_C
ClientSampled :

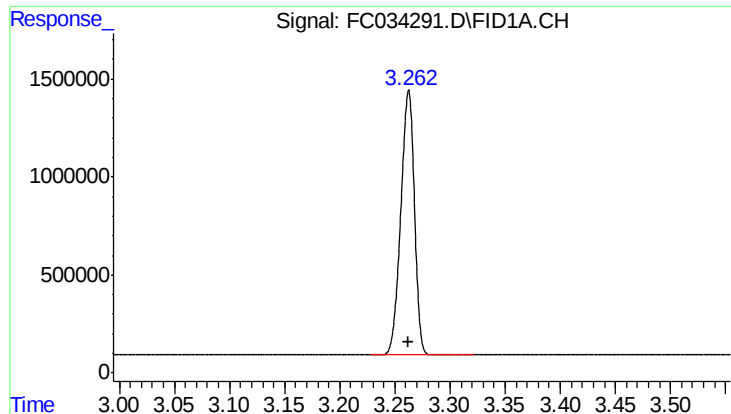
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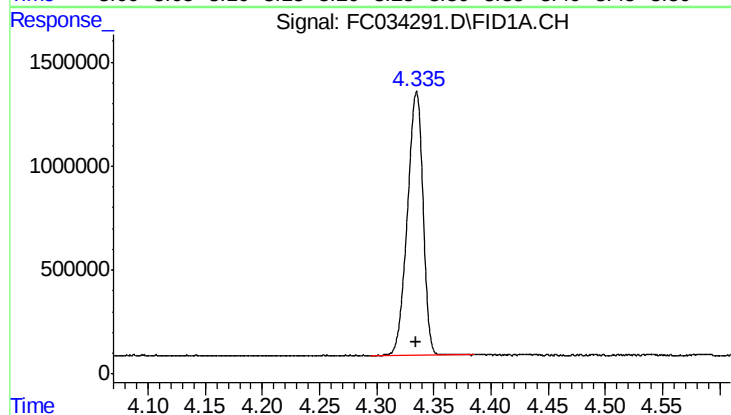
#1 n-Nonane (C9)

R.T.: 3.262 min
Delta R.T.: 0.000 min
Response: 11635277
Conc: 100.07 ug/ml

Instrument :
FID_C
ClientSampleId :

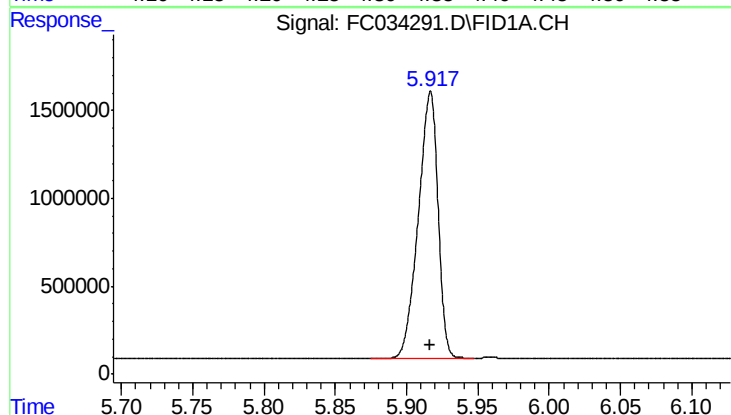
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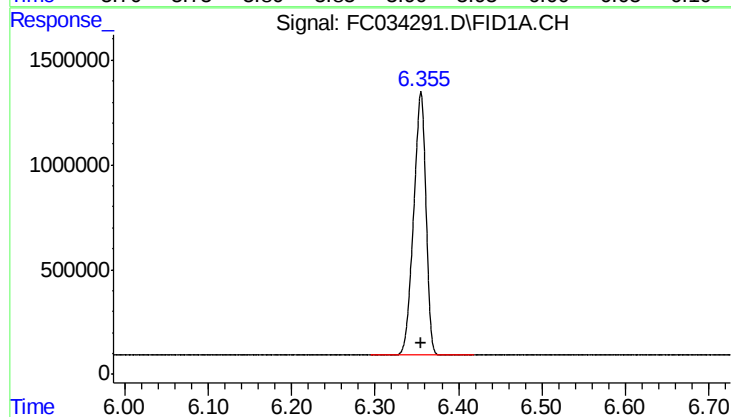
#2 n-Decane (C10)

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 12040111
Conc: 100.54 ug/ml



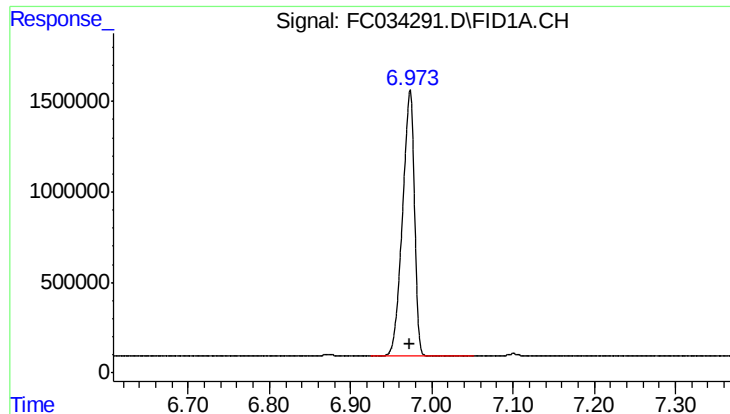
#3 A-Naphthalene (C11.7)

R.T.: 5.916 min
Delta R.T.: 0.000 min
Response: 14508497
Conc: 100.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 12912345
Conc: 100.95 ug/ml



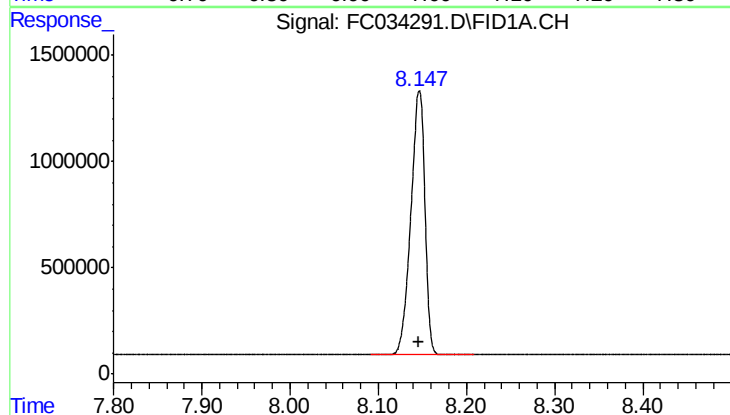
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.973 min
Delta R.T.: 0.000 min
Response: 15102567
Conc: 101.29 ug/ml

Instrument :
FID_C
ClientSampleId :

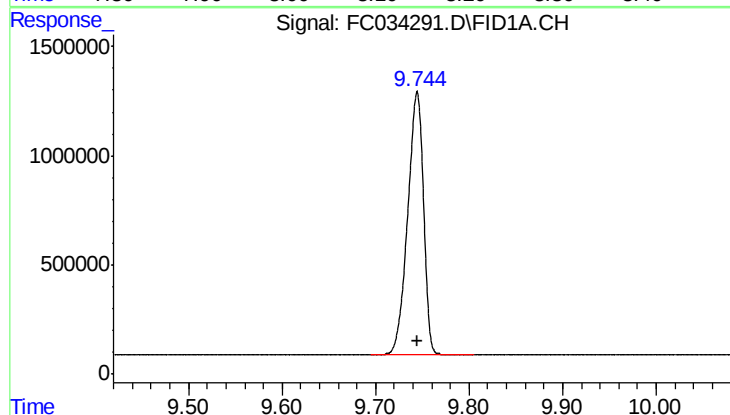
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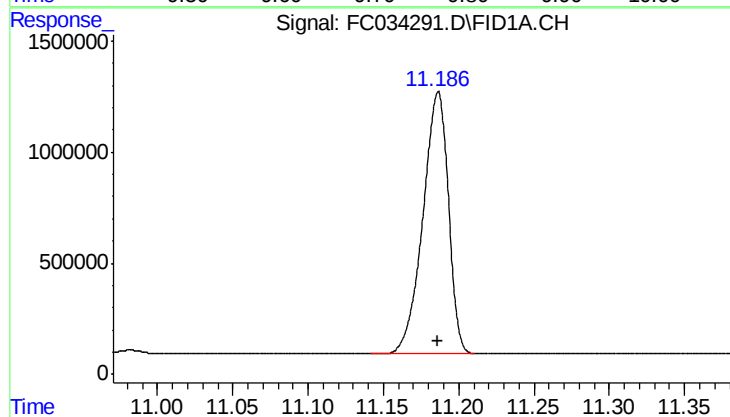
#6 n-Tetradecane (C14)

R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 13733024
Conc: 101.08 ug/ml



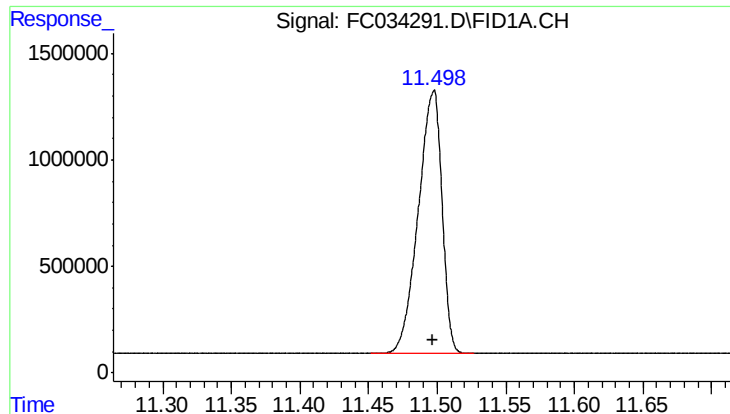
#7 n-Hexadecane (C16)

R.T.: 9.744 min
Delta R.T.: 0.000 min
Response: 14078758
Conc: 100.95 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.186 min
Delta R.T.: 0.000 min
Response: 13882236
Conc: 100.90 ug/ml



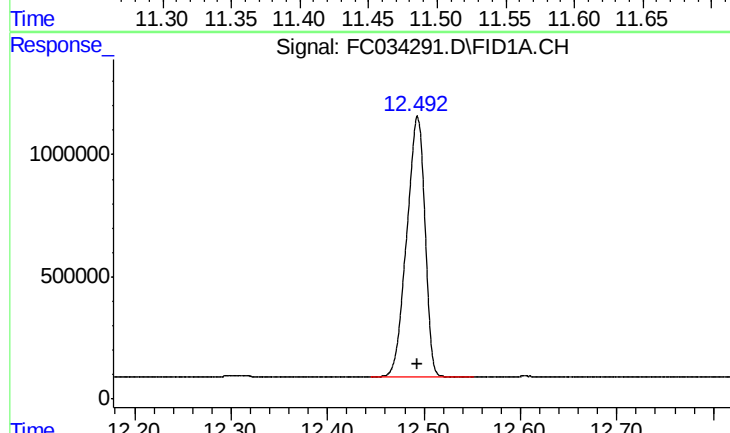
#9 ortho-Terphenyl (SURR)

R.T.: 11.497 min
Delta R.T.: 0.000 min
Response: 14825292
Conc: 101.10 ug/ml

Instrument :
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ClientSampleId :

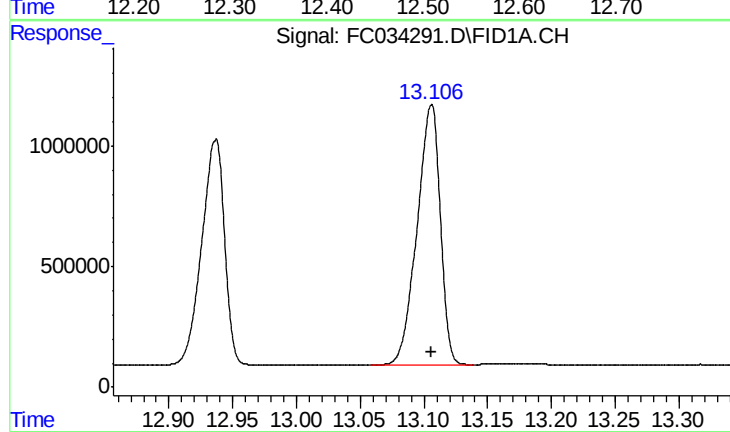
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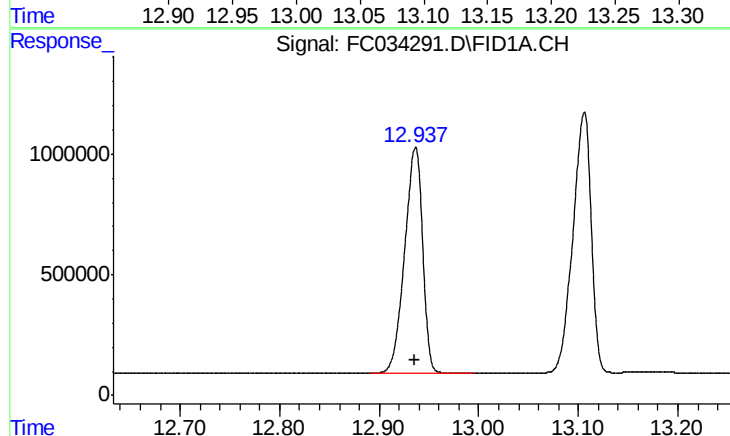
#10 n-Eicosane (C20)

R.T.: 12.493 min
Delta R.T.: 0.000 min
Response: 13997561
Conc: 100.85 ug/ml



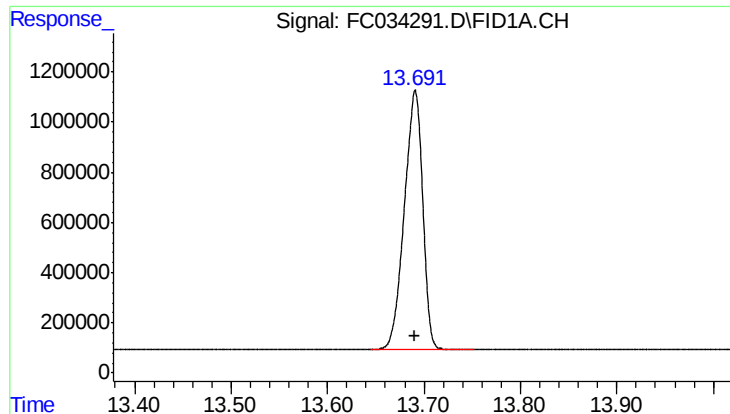
#11 n-Heneicosane (C21)

R.T.: 13.105 min
Delta R.T.: 0.000 min
Response: 13778527
Conc: 100.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.936 min
Delta R.T.: 0.000 min
Response: 11700610
Conc: 101.03 ug/ml



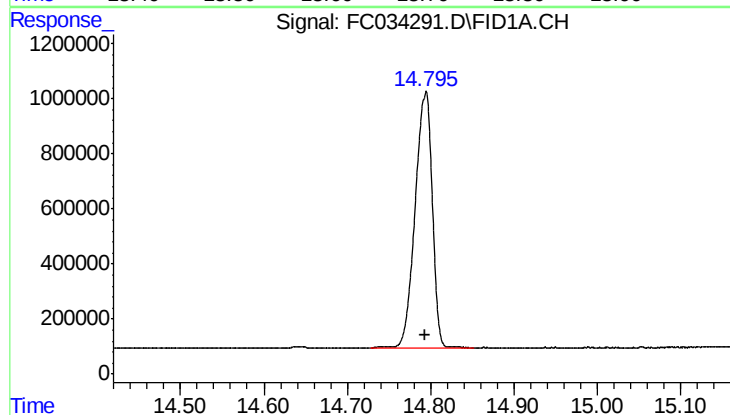
#13 n-Docosane (C22)

R.T.: 13.691 min
Delta R.T.: 0.000 min
Response: 13678853
Conc: 100.79 ug/ml

Instrument :
FID_C
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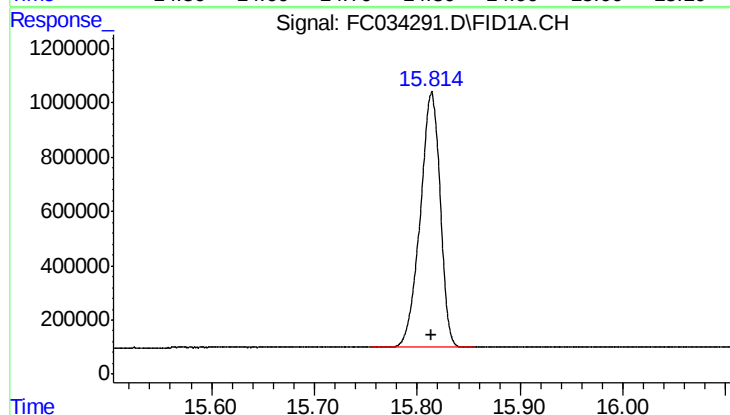
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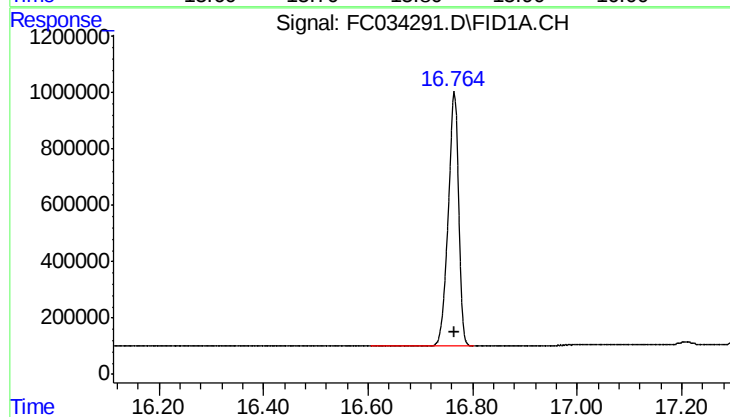
#14 n-Tetracosane (C24)

R.T.: 14.794 min
Delta R.T.: 0.000 min
Response: 13165586
Conc: 100.94 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.814 min
Delta R.T.: 0.000 min
Response: 12680712
Conc: 100.81 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.765 min
Delta R.T.: 0.000 min
Response: 12479133
Conc: 100.78 ug/ml