

Data Path : P:\HPCHEM1\FID_D\Data\FD051618AL\
 Data File : FD023731.D
 Signal(s) : FID2B.CH
 Acq On : 17 May 2018 9:47
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Manual Integrations
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Integration File: sample.E
 Quant Time: May 17 13:15:22 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Alaphatic EPH 051518.M
 Quant Title : GC Extractables
 QLast Update : Wed May 16 11:11:38 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)	11.530	2019816	19.122 ug/ml
Spiked Amount 50.000		Recovery =	38.24%
12) S 1-chlorooctadecane (S...	12.969	1612703	19.207 ug/ml
Spiked Amount 50.000		Recovery =	38.41%
Target Compounds			
1) T n-Nonane (C9)	3.290	1946574	18.889 ug/ml
2) T n-Decane (C10)	4.364	1933568	18.866 ug/ml
3) T A-Naphthalene (C11.7)	5.948	2110051	18.891 ug/ml
4) T n-Dodecane (C12)	6.387	1896208	18.748 ug/ml
5) T A-2-methylnaphthalene...	7.004	2098937	18.913 ug/ml
6) T n-Tetradecane (C14)	8.179	1880390	18.738 ug/ml
7) T n-Hexadecane (C16)	9.778	1866635	18.782 ug/ml
8) T n-Octadecane (C18)	11.218	1837777	18.883 ug/ml
10) T n-Eicosane (C20)	12.527	1894459	19.051 ug/ml
11) T n-Heneicosane (C21)	13.138	1891043	18.997 ug/ml
13) T n-Docosane (C22)	13.723	1927587	19.201 ug/ml
14) T n-Tetracosane (C24)	14.826	1979671	19.632 ug/ml
15) T n-Hexacosane (C26)	15.845	2005846	19.921 ug/ml
16) T n-Octacosane (C28)	16.794	2059050	20.169 ug/ml
17) T n-Tricontane (C30)	17.679	1990473	20.091 ug/ml
18) T n-Dotriacontane (C32)	18.511	1893654	20.248 ug/ml
19) T n-Tetratriacontane (C34)	19.292	1547319	19.760 ug/mlm
20) T n-Hexatriacontane (C36)	20.033	1081133	20.310 ug/mlm
21) T n-Octatriacontane (C38)	20.760	822805	23.665 ug/mlm
22) T n-Tetracontane (C40)	21.644	447551	18.202 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 56 Sample Multiplier: 1

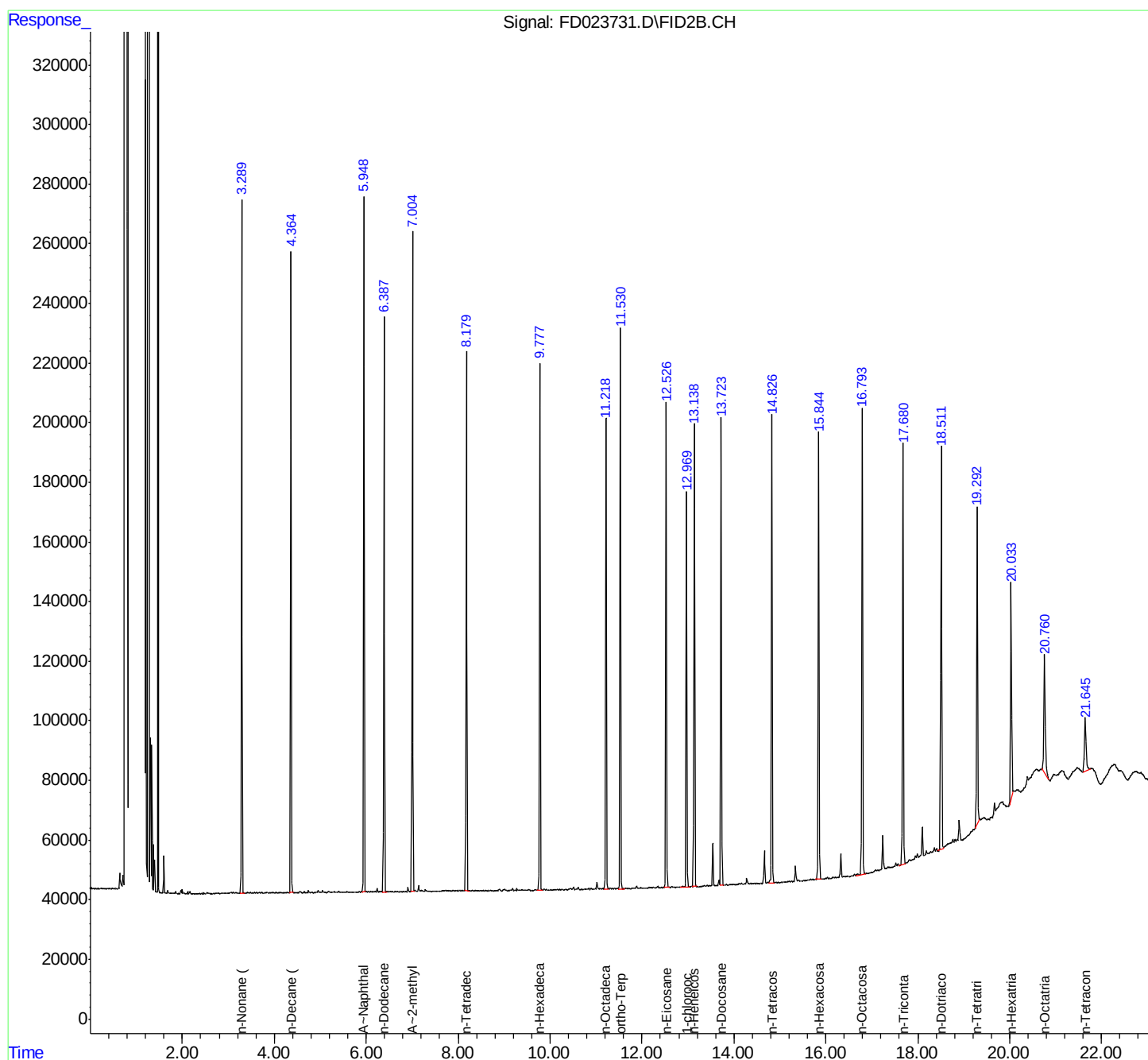
Instrument :
FID_D
ClientSampled :

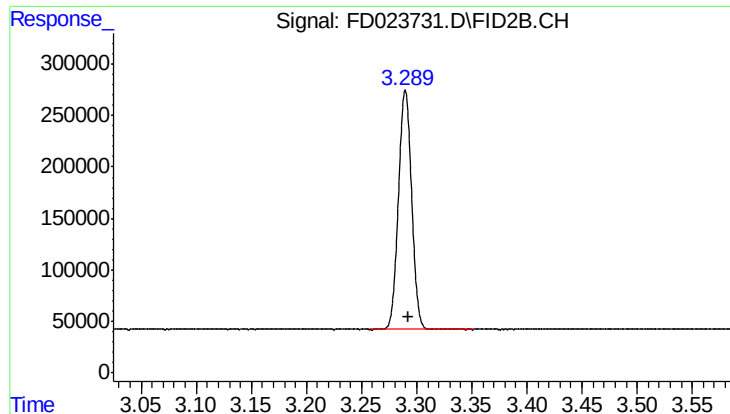
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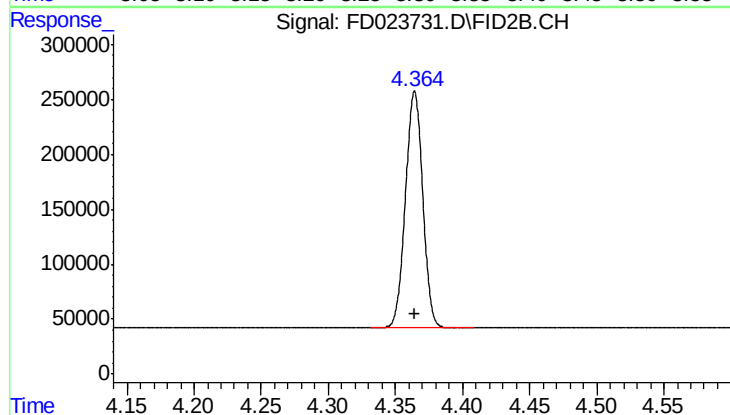
#1 n-Nonane (C9)

R.T.: 3.290 min
Delta R.T.: -0.003 min
Response: 1946574
Conc: 18.89 ug/ml

Instrument :
FID_D
ClientSampleId :

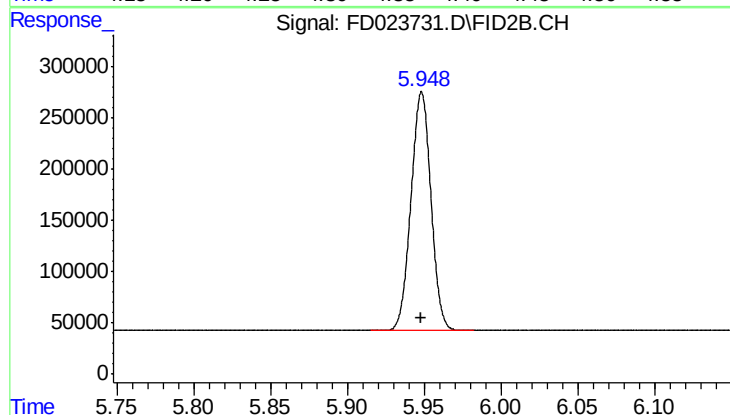
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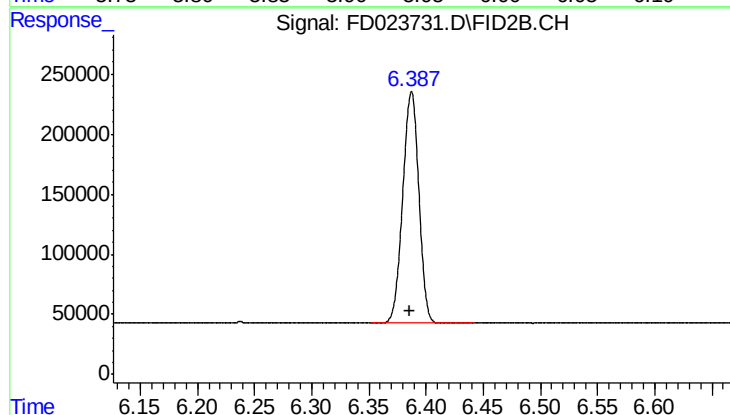
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 1933568
Conc: 18.87 ug/ml



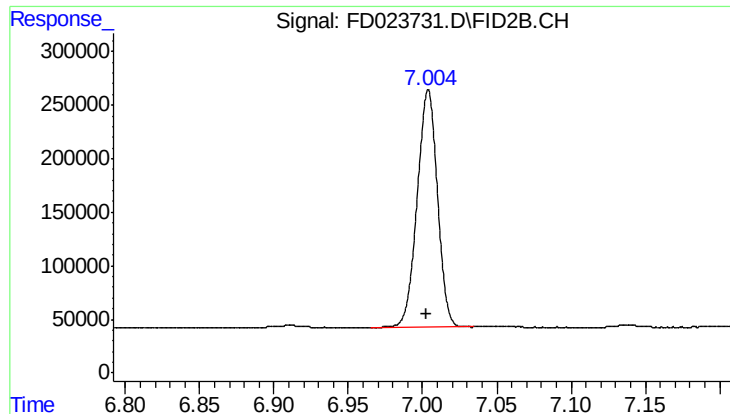
#3 A-Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 2110051
Conc: 18.89 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.387 min
Delta R.T.: 0.001 min
Response: 1896208
Conc: 18.75 ug/ml



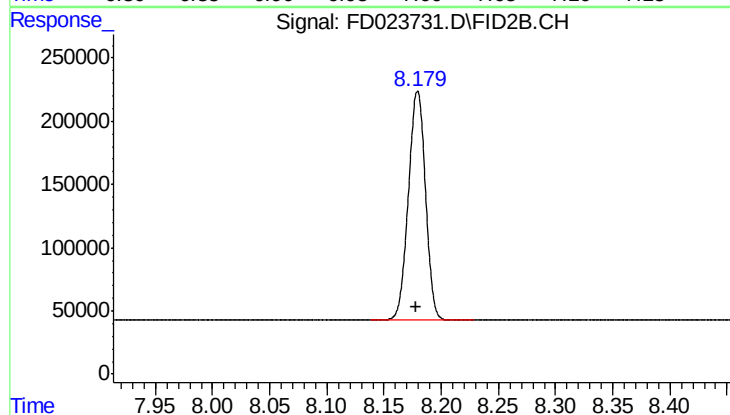
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.004 min
Delta R.T.: 0.000 min
Response: 2098937
Conc: 18.91 ug/ml

Instrument :
FID_D
ClientSampleId :

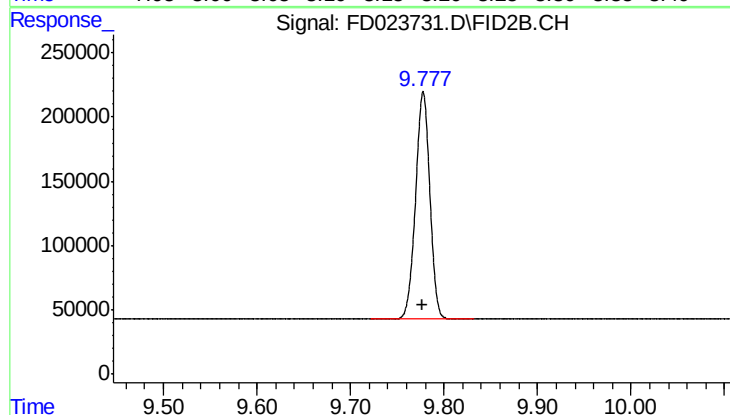
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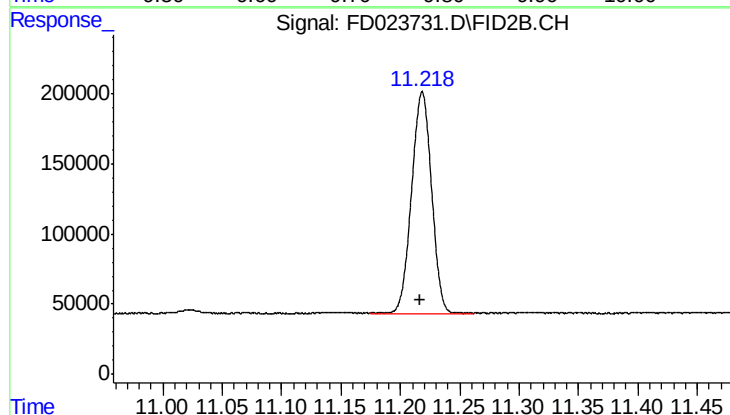
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: 0.001 min
Response: 1880390
Conc: 18.74 ug/ml



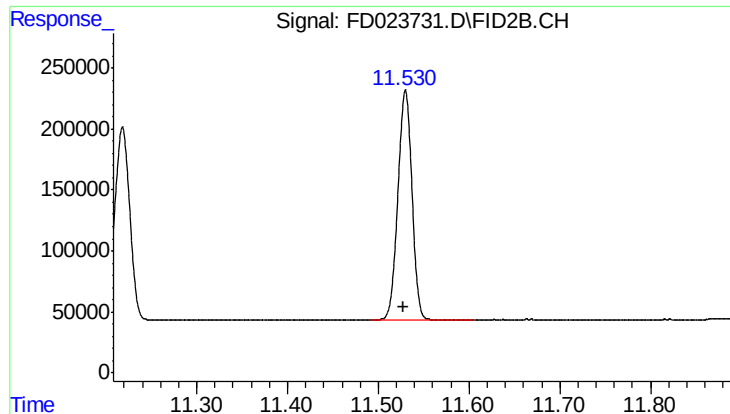
#7 n-Hexadecane (C16)

R.T.: 9.778 min
Delta R.T.: 0.001 min
Response: 1866635
Conc: 18.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.218 min
Delta R.T.: 0.001 min
Response: 1837777
Conc: 18.88 ug/ml



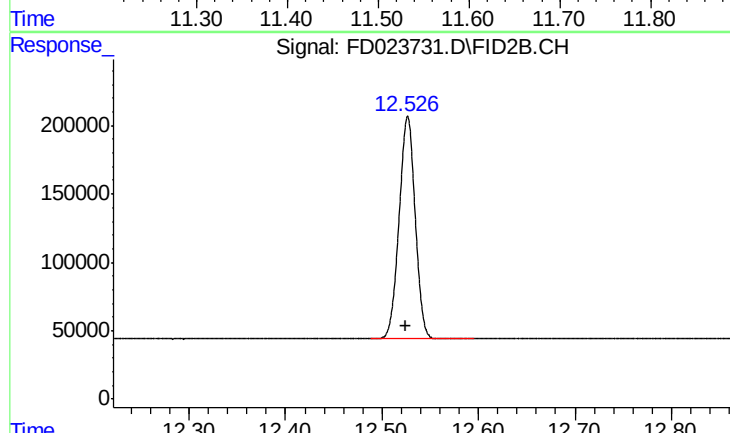
#9 ortho-Terphenyl (SURR)

R.T.: 11.530 min
Delta R.T.: 0.002 min
Response: 2019816
Conc: 19.12 ug/ml

Instrument :
FID_D
ClientSampleId :

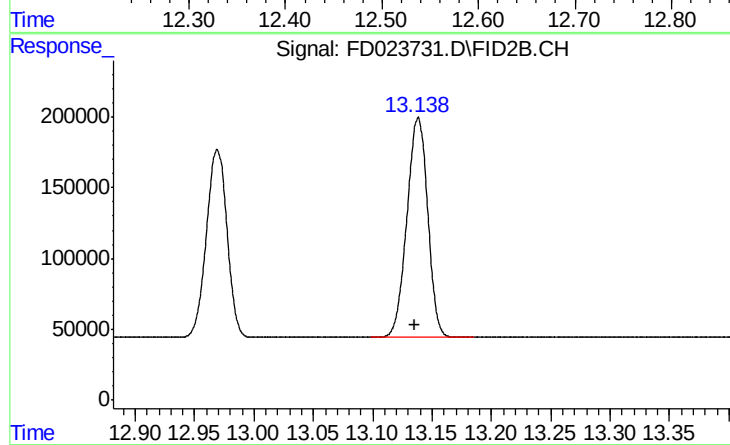
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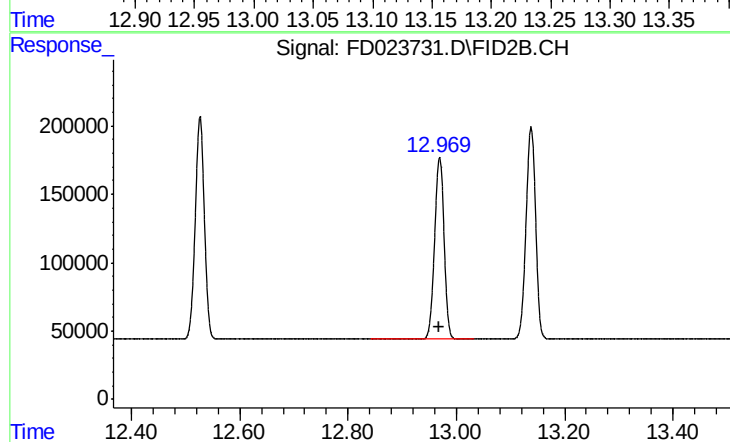
#10 n-Eicosane (C20)

R.T.: 12.527 min
Delta R.T.: 0.002 min
Response: 1894459
Conc: 19.05 ug/ml



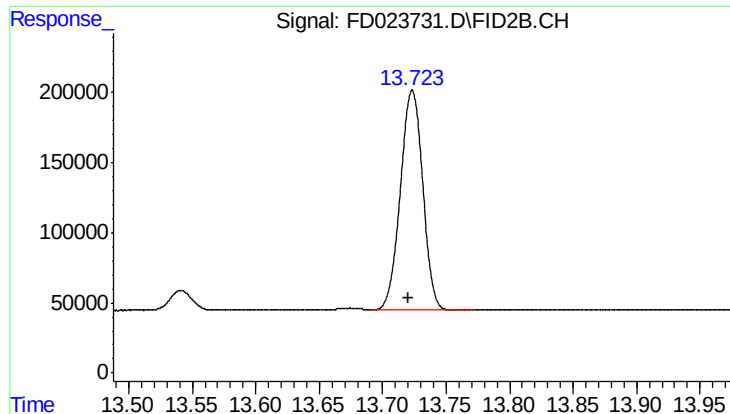
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: 0.002 min
Response: 1891043
Conc: 19.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.969 min
Delta R.T.: 0.001 min
Response: 1612703
Conc: 19.21 ug/ml



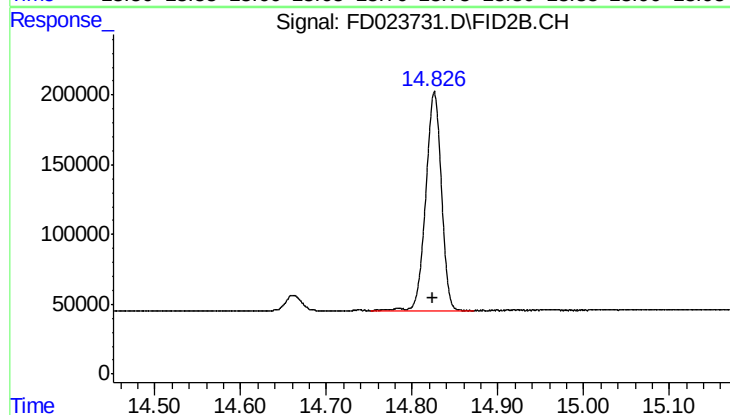
#13 n-Docosane (C22)

R.T.: 13.723 min
Delta R.T.: 0.003 min
Response: 1927587
Conc: 19.20 ug/ml

Instrument :
FID_D
ClientSampleId :

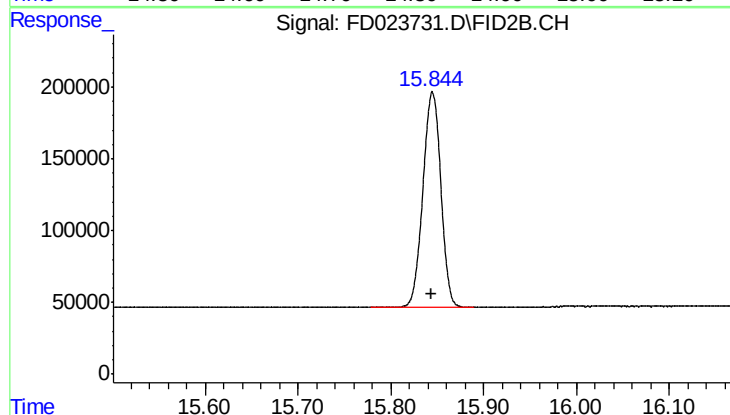
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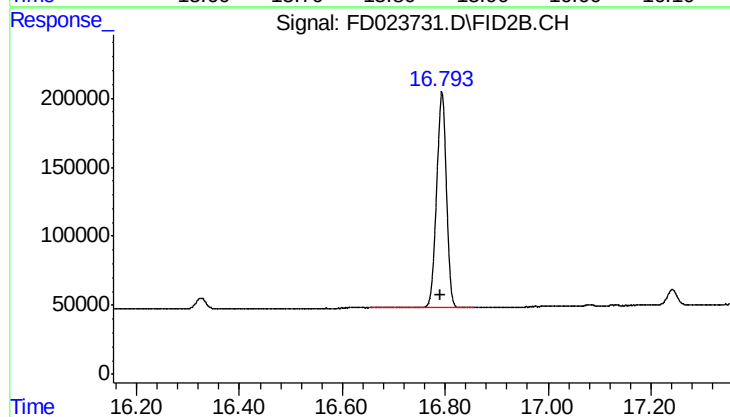
#14 n-Tetracosane (C24)

R.T.: 14.826 min
Delta R.T.: 0.002 min
Response: 1979671
Conc: 19.63 ug/ml



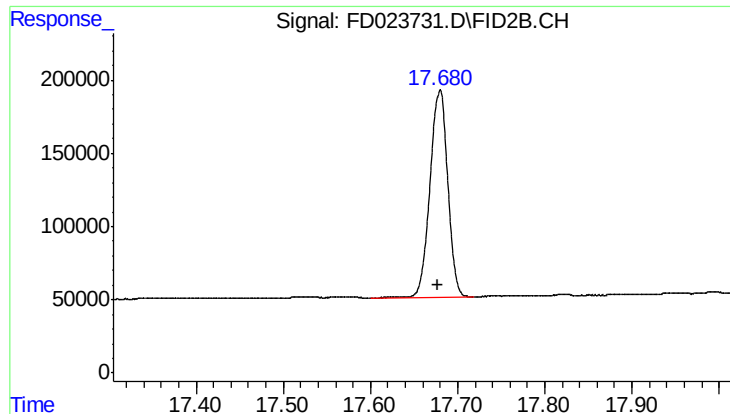
#15 n-Hexacosane (C26)

R.T.: 15.845 min
Delta R.T.: 0.002 min
Response: 2005846
Conc: 19.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.794 min
Delta R.T.: 0.003 min
Response: 2059050
Conc: 20.17 ug/ml



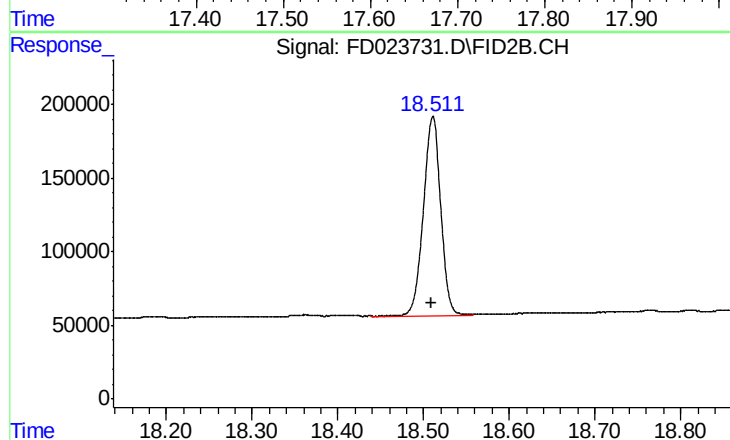
#17 n-Tricontane (C30)

R.T.: 17.679 min
Delta R.T.: 0.002 min
Response: 1990473
Conc: 20.09 ug/ml

Instrument :
FID_D
ClientSampleId :

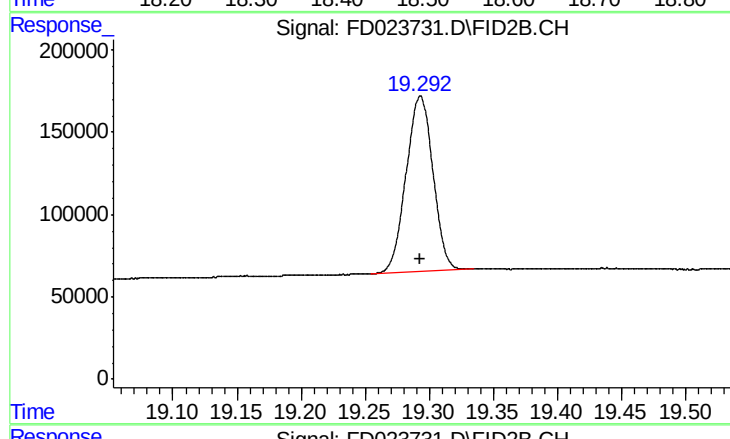
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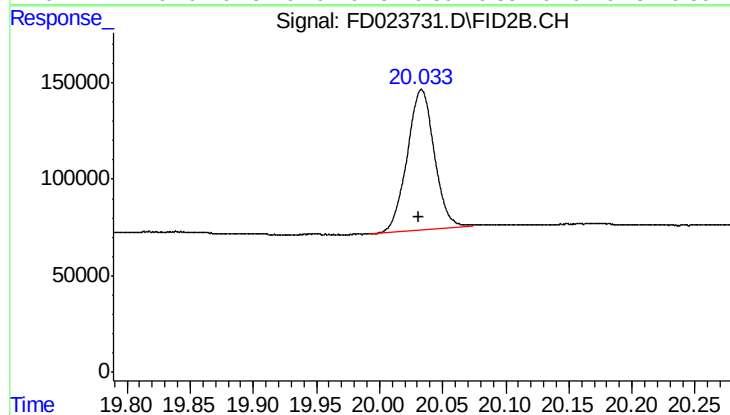
#18 n-Dotriacontane (C32)

R.T.: 18.511 min
Delta R.T.: 0.002 min
Response: 1893654
Conc: 20.25 ug/ml



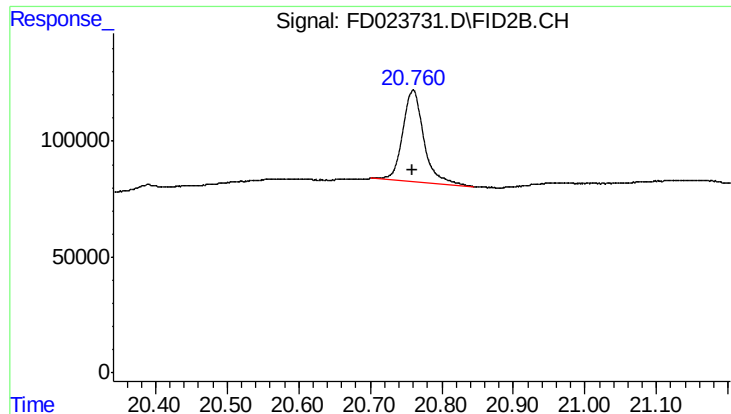
#19 n-Tetratriacontane (C34)

R.T.: 19.292 min
Delta R.T.: 0.000 min
Response: 1547319
Conc: 19.76 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.033 min
Delta R.T.: 0.002 min
Response: 1081133
Conc: 20.31 ug/ml m



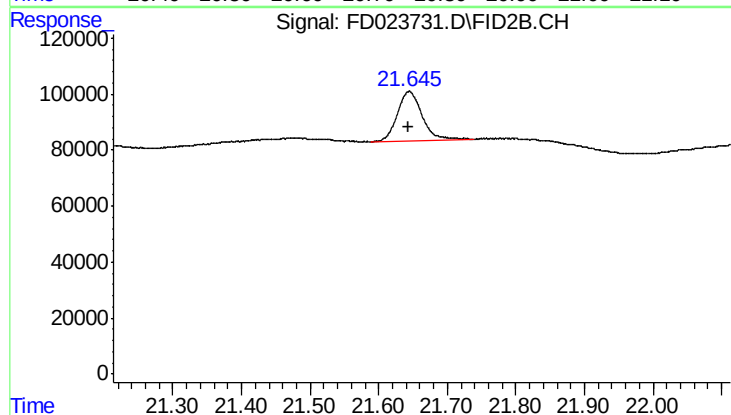
#21 n-Octatriacontane (C38)

R.T.: 20.760 min
Delta R.T.: 0.000 min
Response: 822805
Conc: 23.66 ug/ml

Instrument :
FID_D
ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.644 min
Delta R.T.: 0.001 min
Response: 447551
Conc: 18.20 ug/ml