

Data Path : P:\HPCHEM1\FID D\Data\FD011518AL\
 Data File : FD019091.D
 Signal(s) : FID2B.CH
 Acq On : 16 Jan 2018 15:43
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Manual Integrations
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Integration File: sample.E
 Quant Time: Jan 17 04:02:46 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Alaphatic EPH 121917.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 20 04:57:17 2017
 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)	11.266	2154592	21.961 ug/ml
Spiked Amount 50.000		Recovery =	43.92%
12) S 1-chlorooctadecane (S...	12.708	1658857	21.923 ug/ml
Spiked Amount 50.000		Recovery =	43.85%
Target Compounds			
1) T n-Nonane (C9)	3.091	1744800	22.666 ug/ml
2) T n-Decane (C10)	4.149	1790614	23.137 ug/ml
3) T A-Naphthalene (C11.7)	5.715	2044763	22.819 ug/ml
4) T n-Dodecane (C12)	6.156	1896896	23.877 ug/ml
5) T A-2-methylnaphthalene...	6.765	2107554	22.895 ug/ml
6) T n-Tetradecane (C14)	7.940	1982906	23.925 ug/ml
7) T n-Hexadecane (C16)	9.530	2002367	23.348 ug/ml
8) T n-Octadecane (C18)	10.965	1972234	22.540 ug/ml
10) T n-Eicosane (C20)	12.268	2002963	21.976 ug/ml
11) T n-Heneicosane (C21)	12.877	1986004	21.657 ug/ml
13) T n-Docosane (C22)	13.460	2029389	21.797 ug/ml
14) T n-Tetracosane (C24)	14.558	2032709	21.610 ug/ml
15) T n-Hexacosane (C26)	15.575	2036201	21.428 ug/ml
16) T n-Octacosane (C28)	16.521	2074859	21.346 ug/ml
17) T n-Tricontane (C30)	17.404	2018773	21.193 ug/ml
18) T n-Dotriacontane (C32)	18.230	1982371	21.259 ug/mlm
19) T n-Tetratriacontane (C34)	19.011	1894115	20.859 ug/mlm
20) T n-Hexatriacontane (C36)	19.747	1813275	20.976 ug/mlm
21) T n-Octatriacontane (C38)	20.446	1735920	20.481 ug/mlm
22) T n-Tetracontane (C40)	21.236	1733582	20.903 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 52 Sample Multiplier: 1

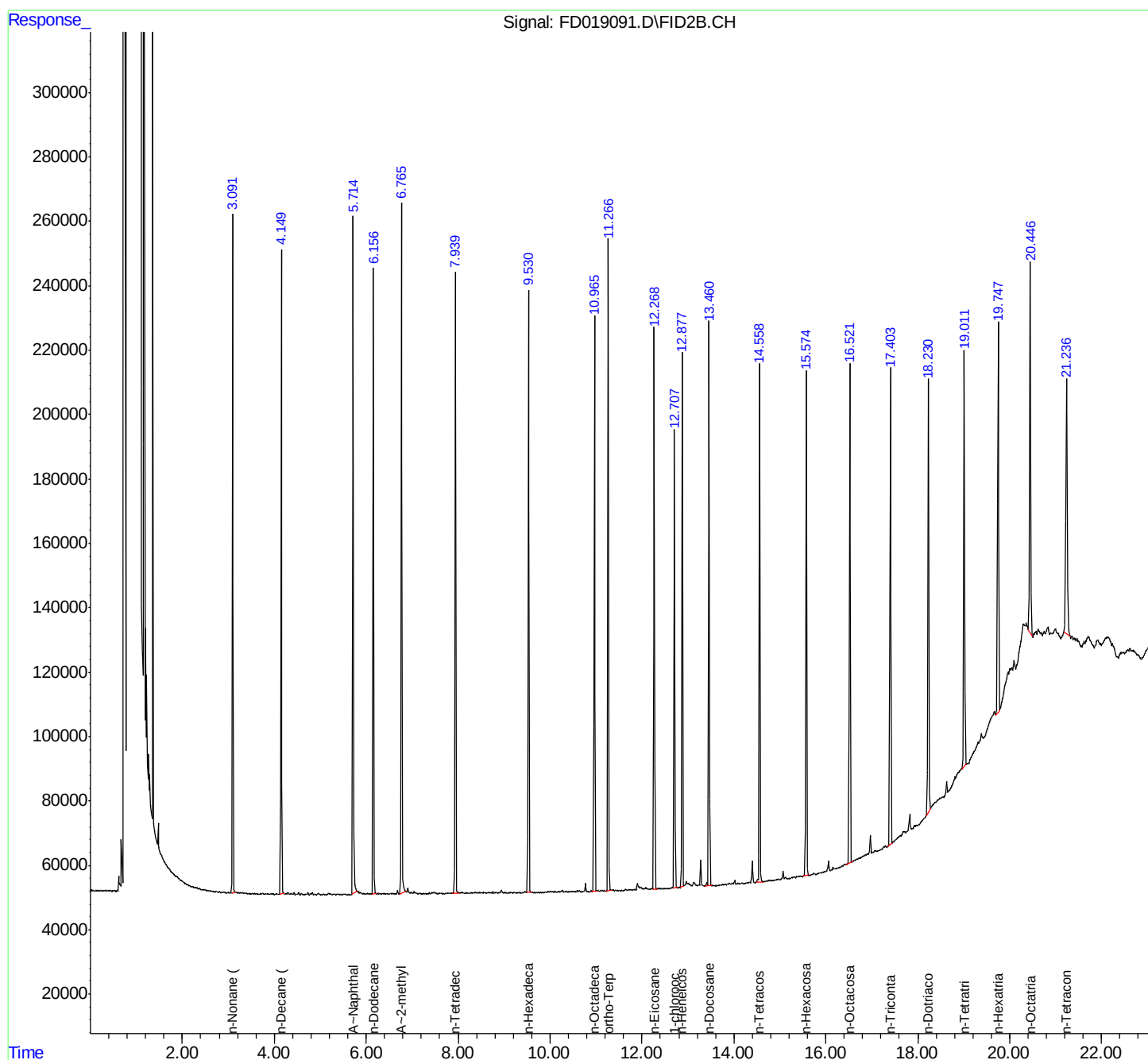
Instrument :
FID_D
ClientSampled :

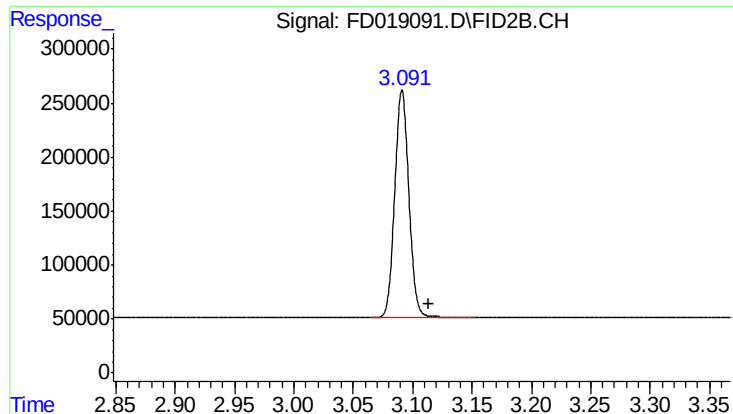
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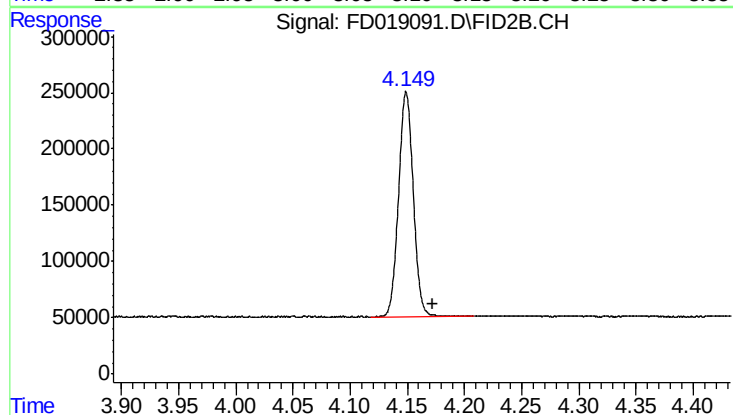
#1 n-Nonane (C9)

R.T.: 3.091 min
Delta R.T.: -0.023 min
Response: 1744800
Conc: 22.67 ug/ml

Instrument :
FID_D
ClientSampleId :

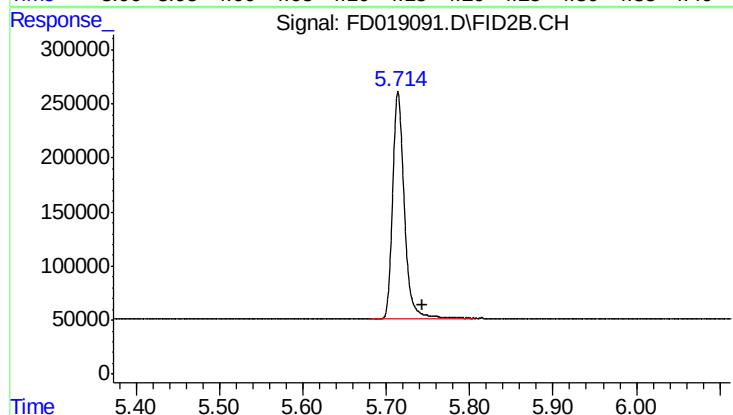
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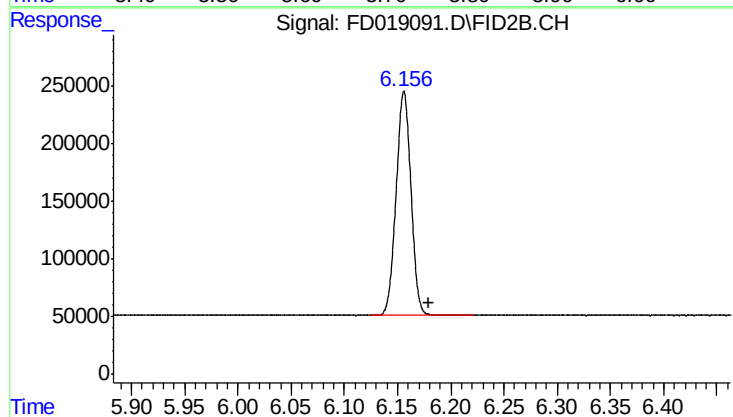
#2 n-Decane (C10)

R.T.: 4.149 min
Delta R.T.: -0.024 min
Response: 1790614
Conc: 23.14 ug/ml



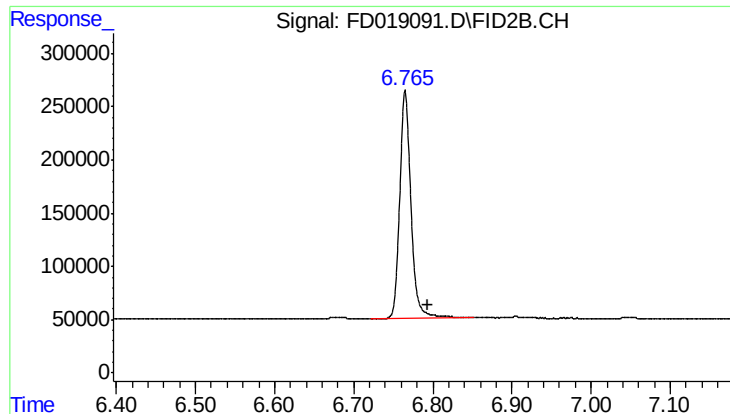
#3 A-Naphthalene (C11.7)

R.T.: 5.715 min
Delta R.T.: -0.029 min
Response: 2044763
Conc: 22.82 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.156 min
Delta R.T.: -0.023 min
Response: 1896896
Conc: 23.88 ug/ml



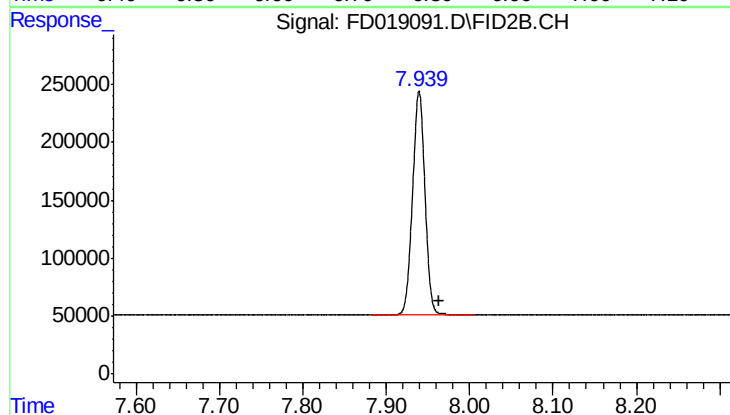
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.765 min
Delta R.T.: -0.029 min
Response: 2107554
Conc: 22.90 ug/ml

Instrument :
FID_D
ClientSampleId :

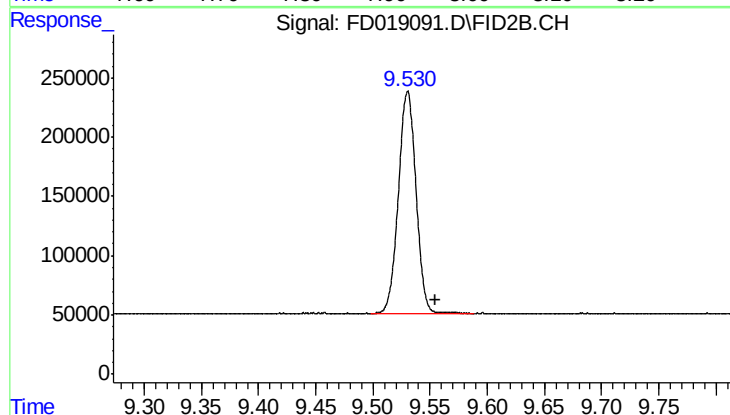
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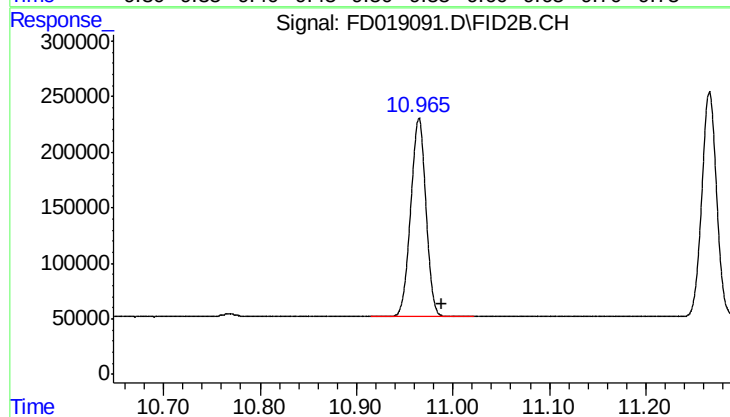
#6 n-Tetradecane (C14)

R.T.: 7.940 min
Delta R.T.: -0.023 min
Response: 1982906
Conc: 23.92 ug/ml



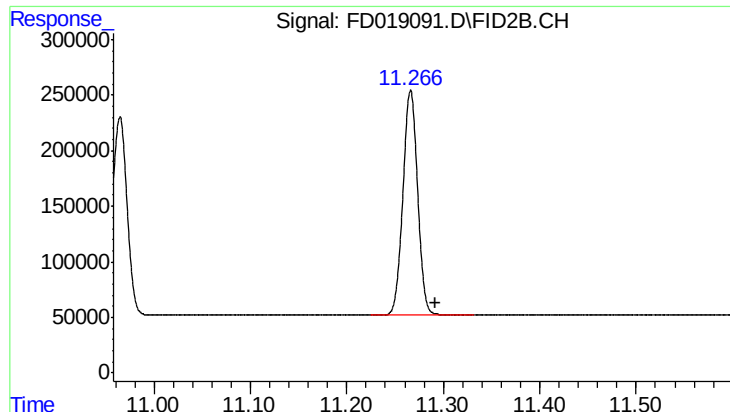
#7 n-Hexadecane (C16)

R.T.: 9.530 min
Delta R.T.: -0.024 min
Response: 2002367
Conc: 23.35 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.965 min
Delta R.T.: -0.024 min
Response: 1972234
Conc: 22.54 ug/ml



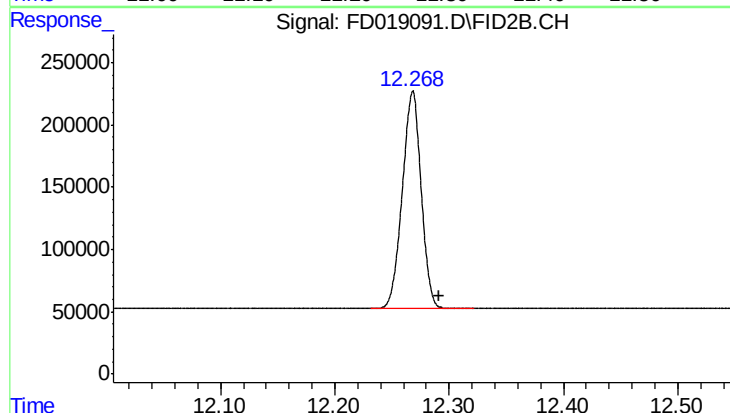
#9 ortho-Terphenyl (SURR)

R.T.: 11.266 min
Delta R.T.: -0.026 min
Response: 2154592
Conc: 21.96 ug/ml

Instrument :
FID_D
ClientSampleId :

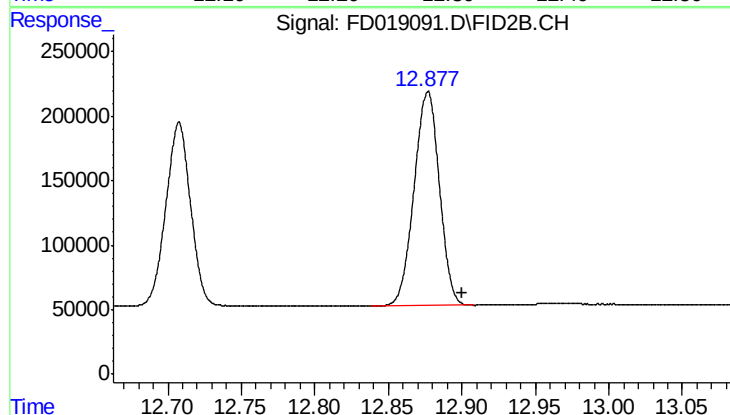
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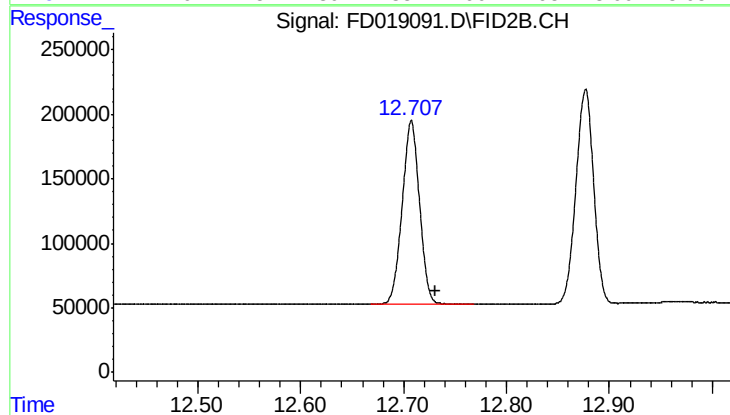
#10 n-Eicosane (C20)

R.T.: 12.268 min
Delta R.T.: -0.023 min
Response: 2002963
Conc: 21.98 ug/ml



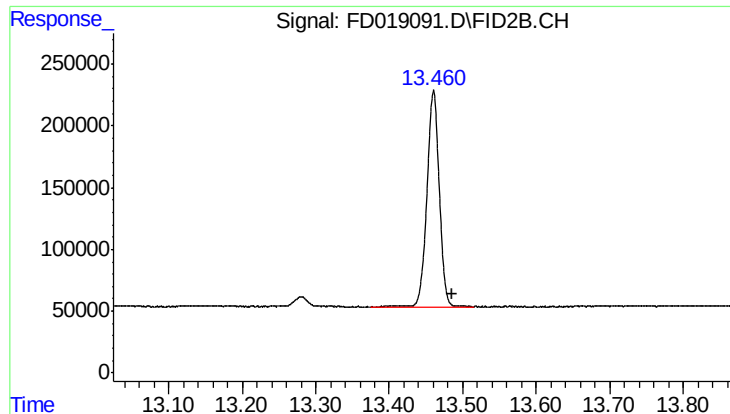
#11 n-Heneicosane (C21)

R.T.: 12.877 min
Delta R.T.: -0.024 min
Response: 1986004
Conc: 21.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.708 min
Delta R.T.: -0.024 min
Response: 1658857
Conc: 21.92 ug/ml



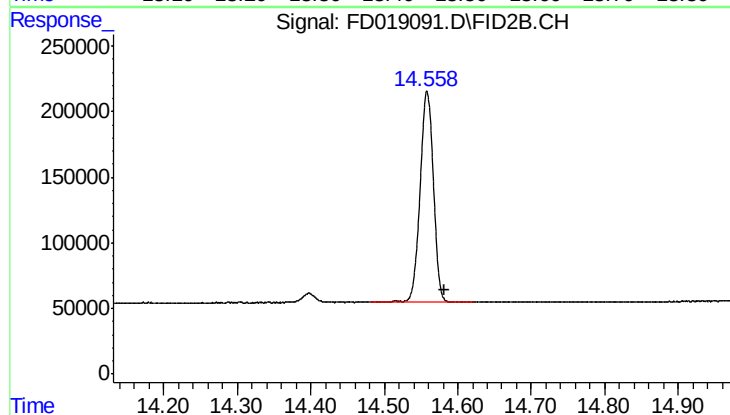
#13 n-Docosane (C22)

R.T.: 13.460 min
Delta R.T.: -0.024 min
Response: 2029389
Conc: 21.80 ug/ml

Instrument :
FID_D
ClientSampleId :

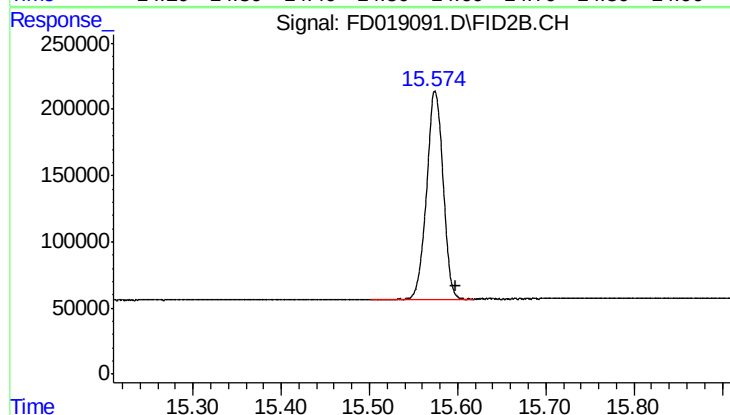
Manual Integrations
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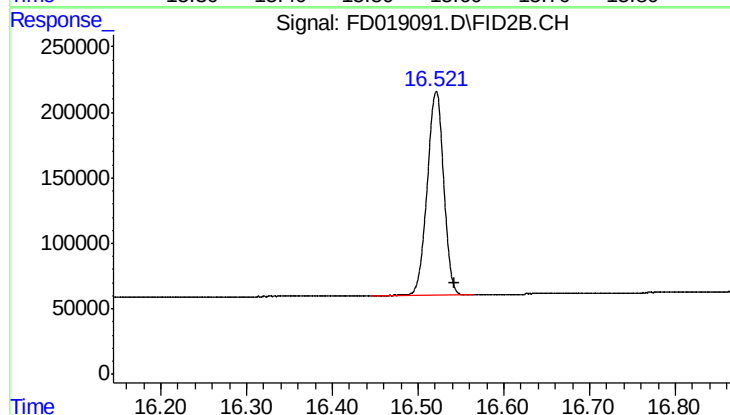
#14 n-Tetracosane (C24)

R.T.: 14.558 min
Delta R.T.: -0.023 min
Response: 2032709
Conc: 21.61 ug/ml



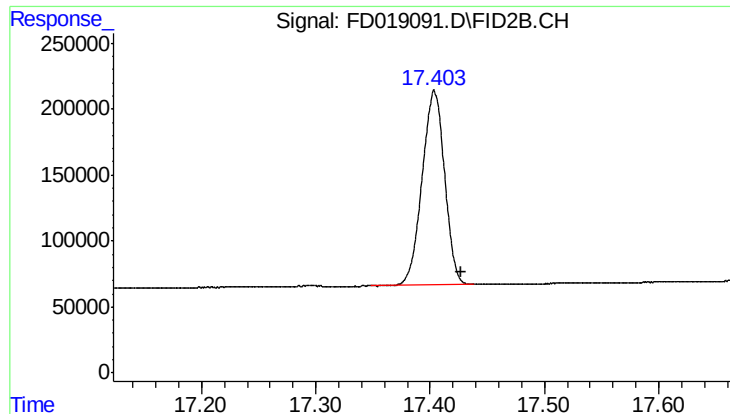
#15 n-Hexacosane (C26)

R.T.: 15.575 min
Delta R.T.: -0.024 min
Response: 2036201
Conc: 21.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.521 min
Delta R.T.: -0.022 min
Response: 2074859
Conc: 21.35 ug/ml



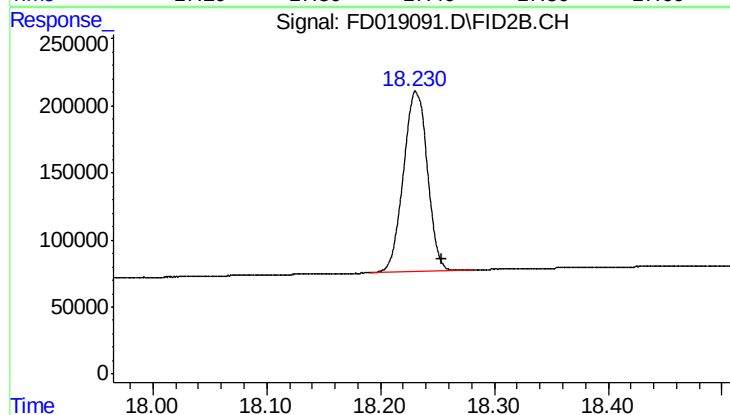
#17 n-Tricontane (C30)

R.T.: 17.404 min
Delta R.T.: -0.023 min
Response: 2018773
Conc: 21.19 ug/ml

Instrument :
FID_D
ClientSampleId :

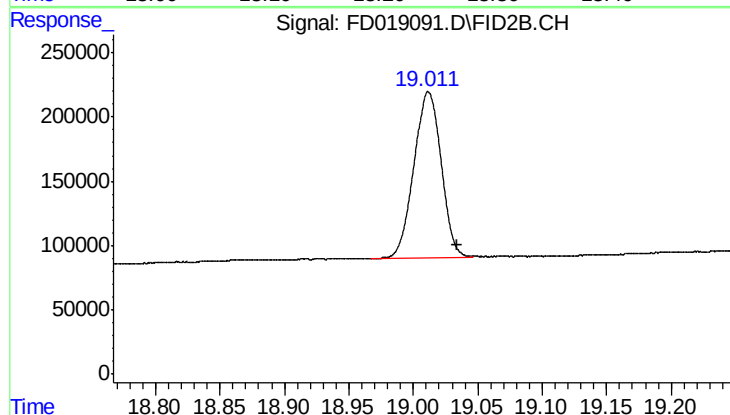
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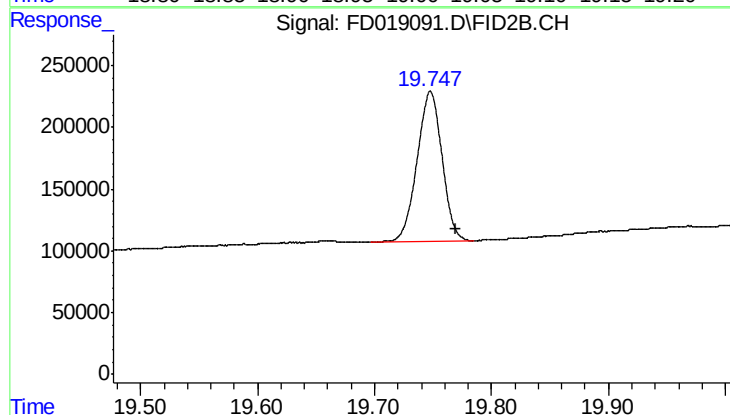
#18 n-Dotriacontane (C32)

R.T.: 18.230 min
Delta R.T.: -0.024 min
Response: 1982371
Conc: 21.26 ug/ml m



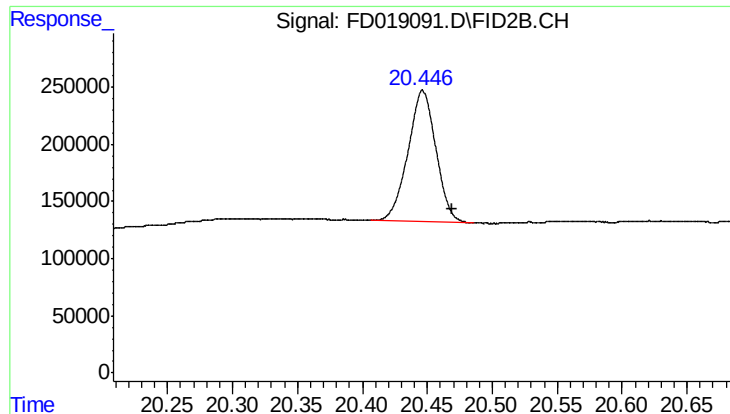
#19 n-Tetratriacontane (C34)

R.T.: 19.011 min
Delta R.T.: -0.023 min
Response: 1894115
Conc: 20.86 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.747 min
Delta R.T.: -0.022 min
Response: 1813275
Conc: 20.98 ug/ml m



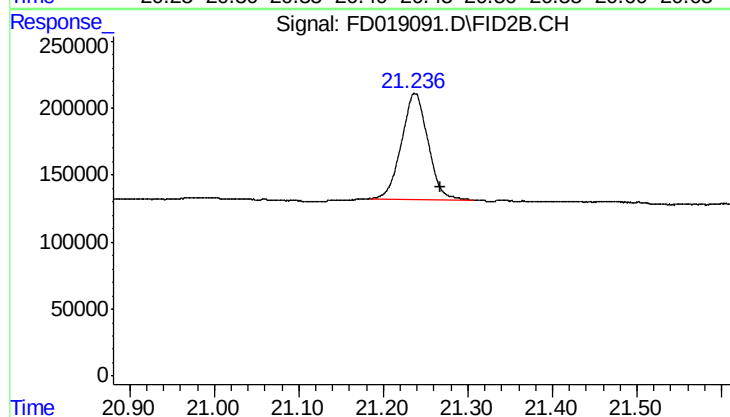
#21 n-Octatriacontane (C38)

R.T.: 20.446 min
Delta R.T.: -0.023 min
Response: 1735920
Conc: 20.48 ug/ml

Instrument :
FID_D
ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.236 min
Delta R.T.: -0.031 min
Response: 1733582
Conc: 20.90 ug/ml m