

Data Path : P:\HPCHEM1\FID D\Data\FD011618AL\
 Data File : FD019100.D
 Signal(s) : FID2B.CH
 Acq On : 16 Jan 2018 21:20
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC 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 04:47:38 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)	11.267	2178519	22.205 ug/ml
Spiked Amount 50.000		Recovery =	44.41%
12) S 1-chlorooctadecane (S...	12.707	1687425	22.300 ug/ml
Spiked Amount 50.000		Recovery =	44.60%
Target Compounds			
1) T n-Nonane (C9)	3.091	1898323	24.660 ug/ml
2) T n-Decane (C10)	4.148	1945188	25.134 ug/mlm
3) T A-Naphthalene (C11.7)	5.714	2149300	23.986 ug/ml
4) T n-Dodecane (C12)	6.155	2024871	25.488 ug/ml
5) T A-2-methylnaphthalene...	6.765	2190986	23.802 ug/ml
6) T n-Tetradecane (C14)	7.940	2067452	24.945 ug/ml
7) T n-Hexadecane (C16)	9.531	2060863	24.030 ug/ml
8) T n-Octadecane (C18)	10.965	2015901	23.039 ug/ml
10) T n-Eicosane (C20)	12.268	2050002	22.493 ug/ml
11) T n-Heneicosane (C21)	12.877	2039023	22.235 ug/ml
13) T n-Docosane (C22)	13.460	2075993	22.298 ug/ml
14) T n-Tetracosane (C24)	14.558	2091086	22.231 ug/ml
15) T n-Hexacosane (C26)	15.574	2103703	22.138 ug/ml
16) T n-Octacosane (C28)	16.520	2148614	22.105 ug/ml
17) T n-Tricontane (C30)	17.403	2083270	21.870 ug/ml
18) T n-Dotriacontane (C32)	18.231	2022870	21.693 ug/ml
19) T n-Tetratriacontane (C34)	19.011	1932856	21.286 ug/ml
20) T n-Hexatriacontane (C36)	19.745	1840410	21.290 ug/mlm
21) T n-Octatriacontane (C38)	20.445	1786272	21.075 ug/mlm
22) T n-Tetracontane (C40)	21.235	1735662	20.928 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 52 Sample Multiplier: 1

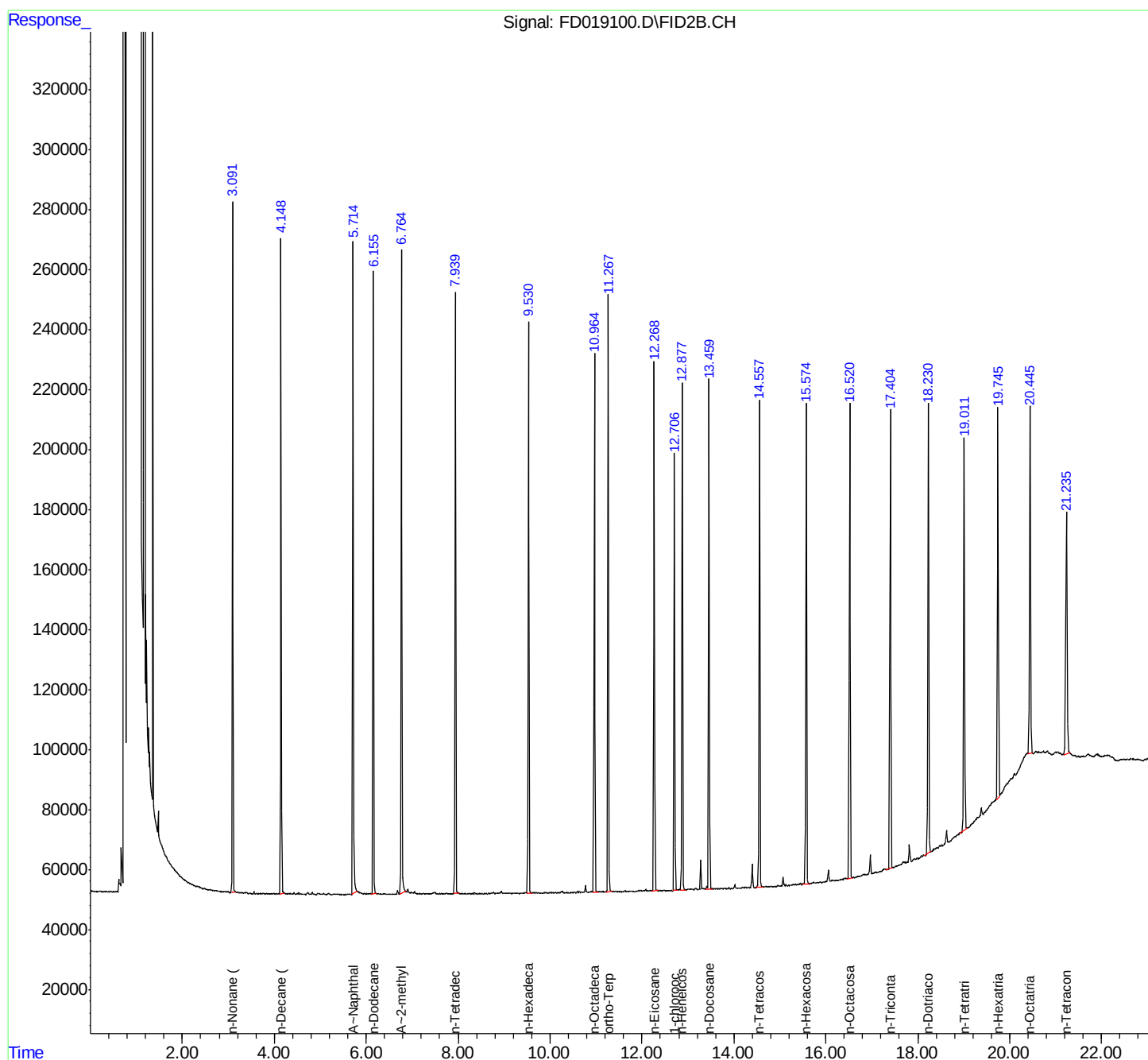
Instrument :
FID_D
ClientSampled :

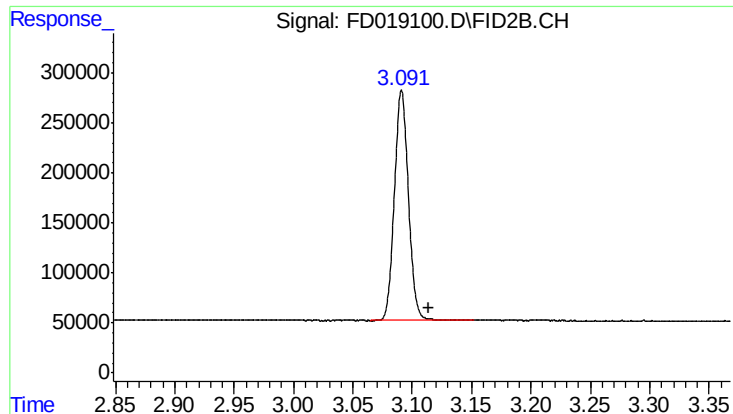
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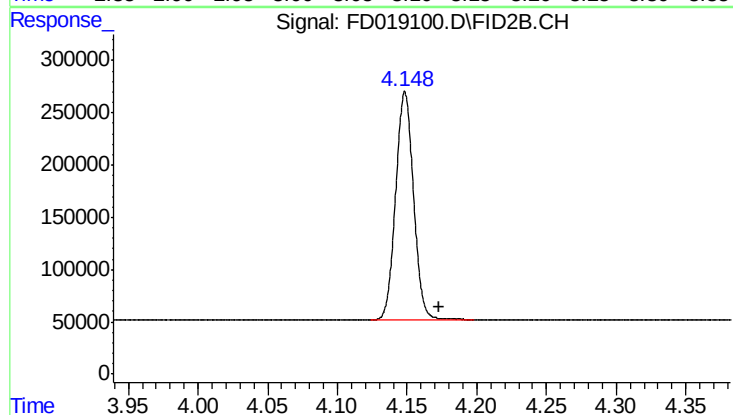
#1 n-Nonane (C9)

R.T.: 3.091 min
Delta R.T.: -0.023 min
Response: 1898323
Conc: 24.66 ug/ml

Instrument :
FID_D
ClientSampleId :

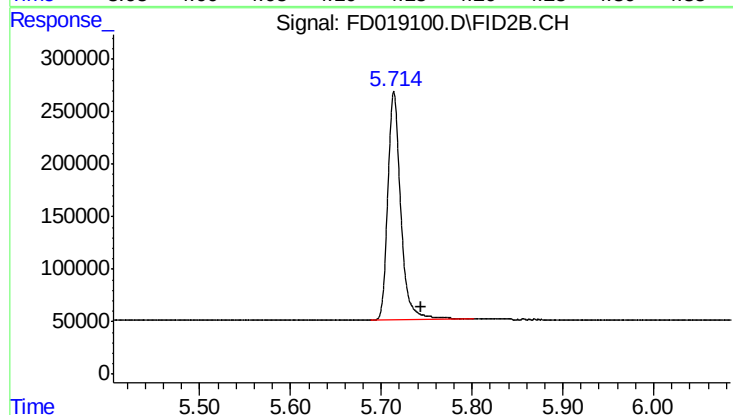
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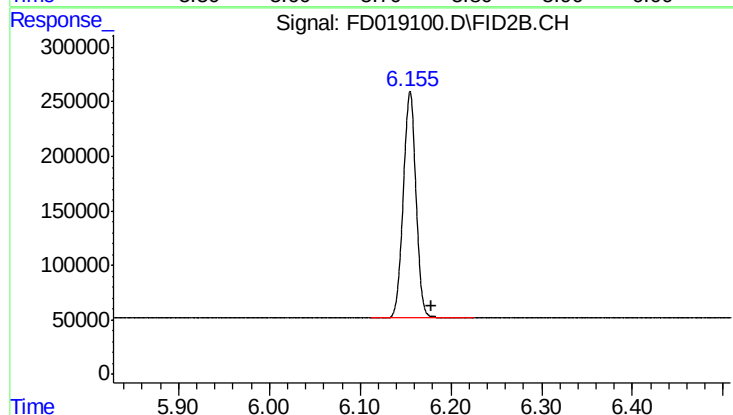
#2 n-Decane (C10)

R.T.: 4.148 min
Delta R.T.: -0.025 min
Response: 1945188
Conc: 25.13 ug/ml m



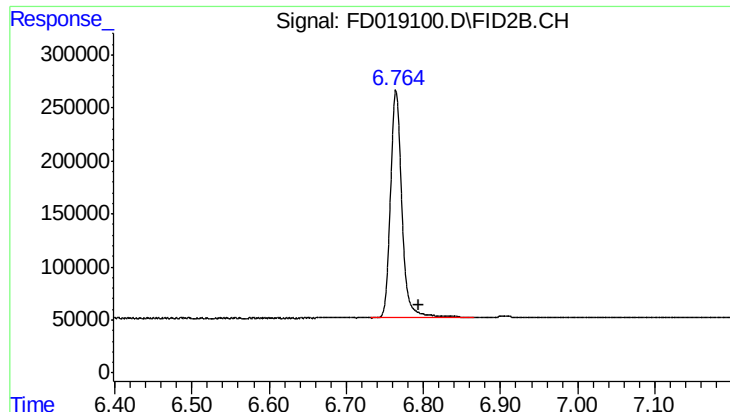
#3 A-Naphthalene (C11.7)

R.T.: 5.714 min
Delta R.T.: -0.030 min
Response: 2149300
Conc: 23.99 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.155 min
Delta R.T.: -0.024 min
Response: 2024871
Conc: 25.49 ug/ml



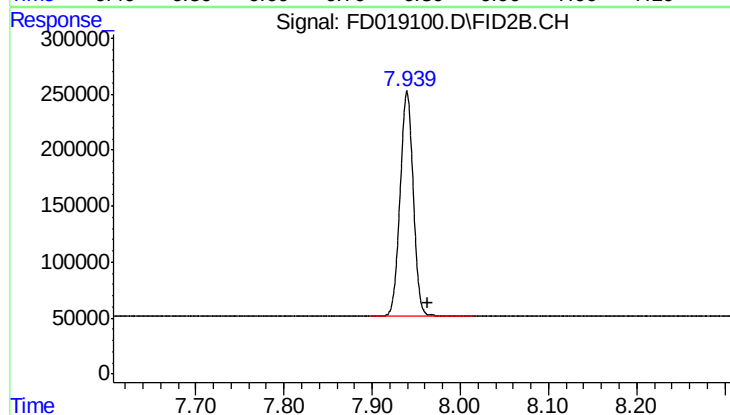
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.765 min
Delta R.T.: -0.029 min
Response: 2190986
Conc: 23.80 ug/ml

Instrument :
FID_D
ClientSampleId :

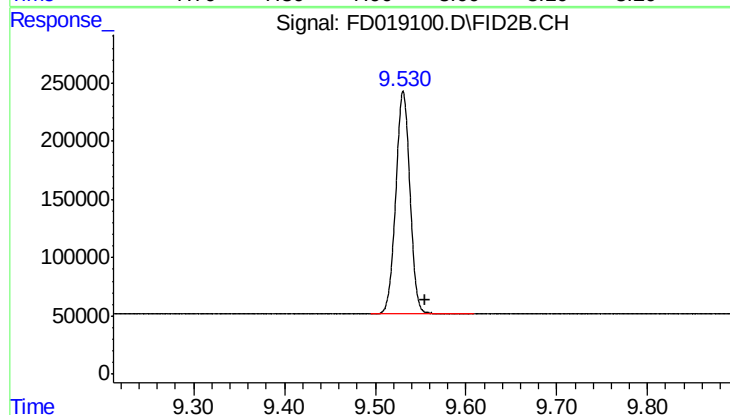
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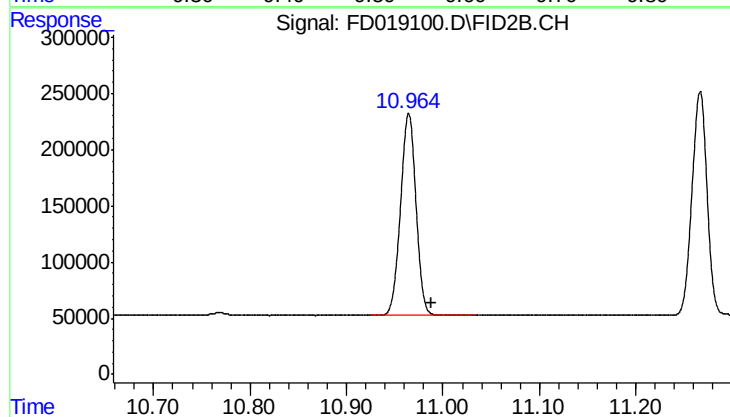
#6 n-Tetradecane (C14)

R.T.: 7.940 min
Delta R.T.: -0.023 min
Response: 2067452
Conc: 24.95 ug/ml



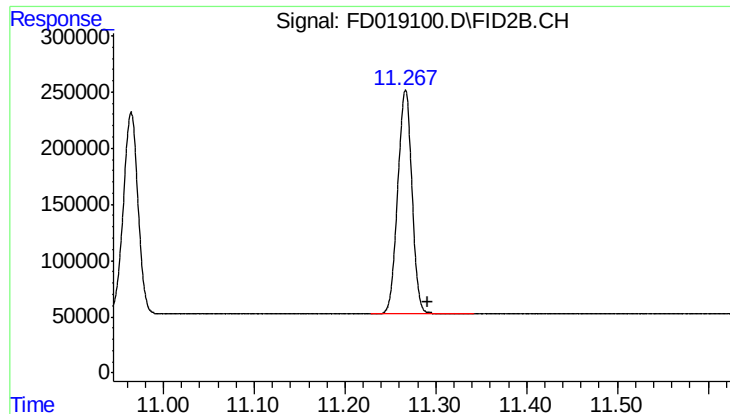
#7 n-Hexadecane (C16)

R.T.: 9.531 min
Delta R.T.: -0.024 min
Response: 2060863
Conc: 24.03 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.965 min
Delta R.T.: -0.024 min
Response: 2015901
Conc: 23.04 ug/ml



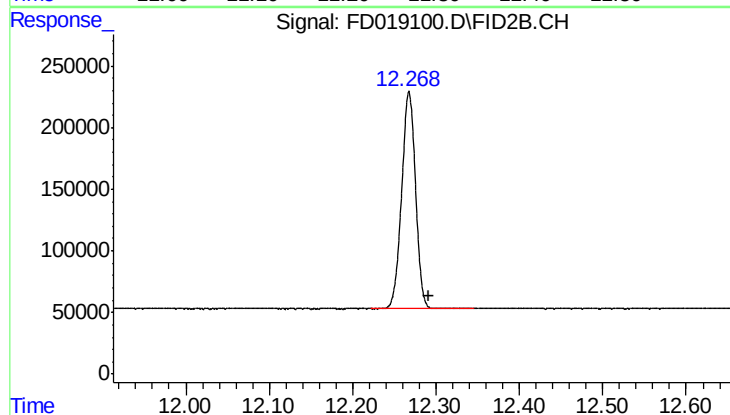
#9 ortho-Terphenyl (SURR)

R.T.: 11.267 min
Delta R.T.: -0.025 min
Response: 2178519
Conc: 22.20 ug/ml

Instrument :
FID_D
ClientSampleId :

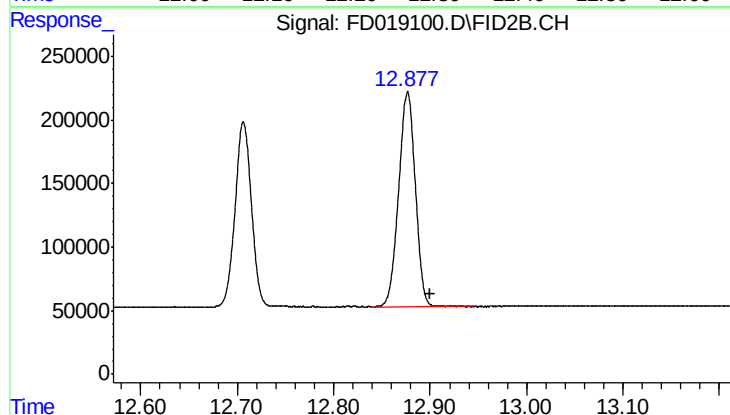
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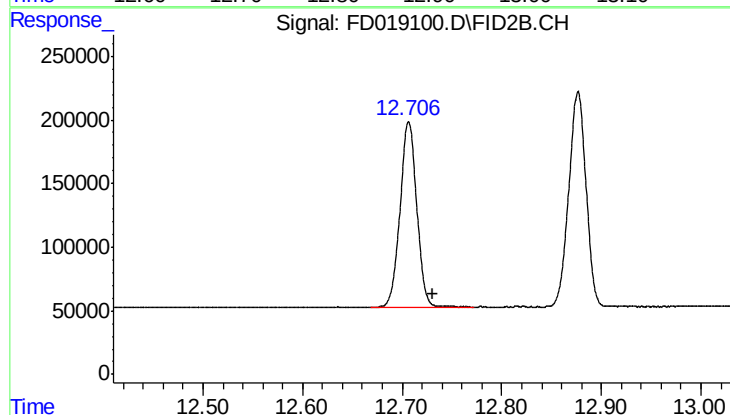
#10 n-Eicosane (C20)

R.T.: 12.268 min
Delta R.T.: -0.024 min
Response: 2050002
Conc: 22.49 ug/ml



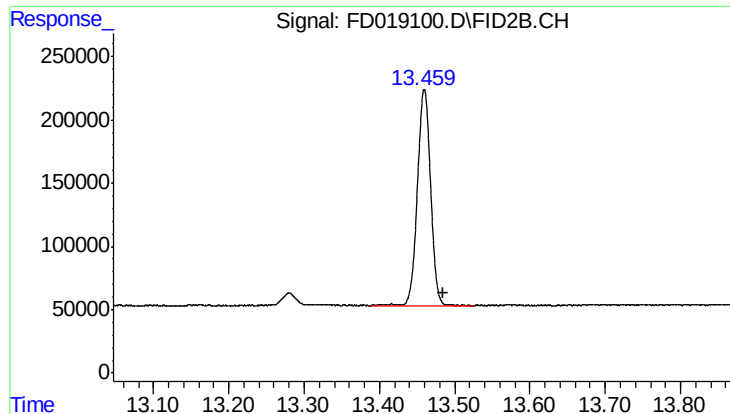
#11 n-Heneicosane (C21)

R.T.: 12.877 min
Delta R.T.: -0.024 min
Response: 2039023
Conc: 22.23 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.707 min
Delta R.T.: -0.025 min
Response: 1687425
Conc: 22.30 ug/ml



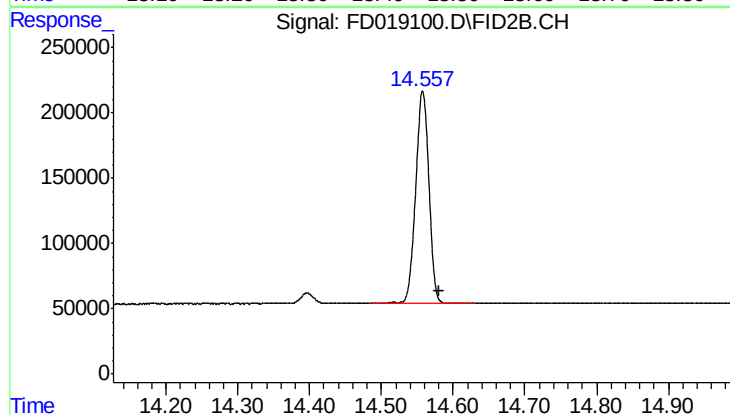
#13 n-Docosane (C22)

R.T.: 13.460 min
Delta R.T.: -0.025 min
Response: 2075993
Conc: 22.30 ug/ml

Instrument :
FID_D
ClientSampleId :

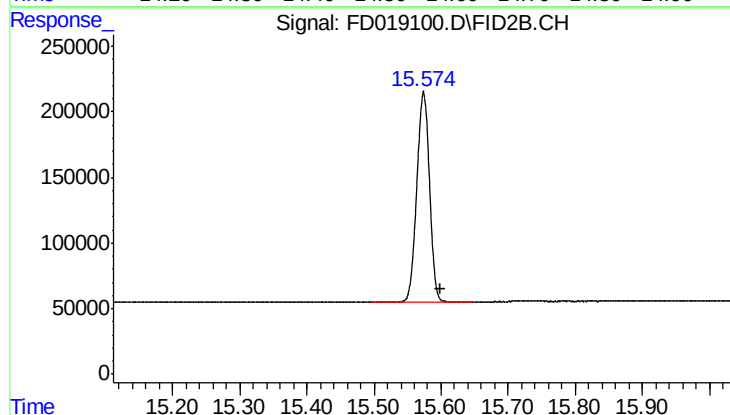
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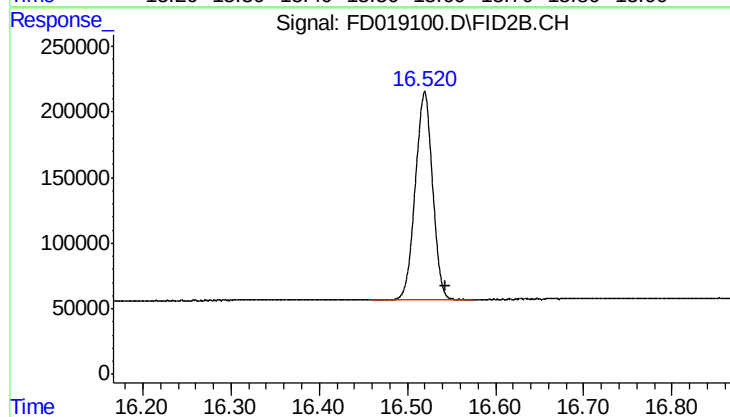
#14 n-Tetracosane (C24)

R.T.: 14.558 min
Delta R.T.: -0.024 min
Response: 2091086
Conc: 22.23 ug/ml



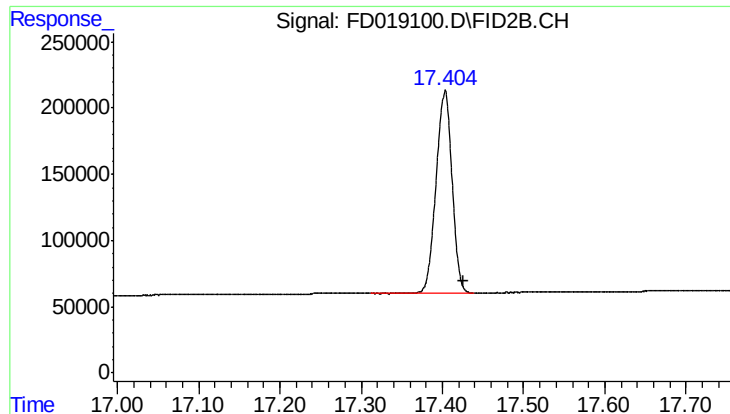
#15 n-Hexacosane (C26)

R.T.: 15.574 min
Delta R.T.: -0.025 min
Response: 2103703
Conc: 22.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.520 min
Delta R.T.: -0.023 min
Response: 2148614
Conc: 22.11 ug/ml



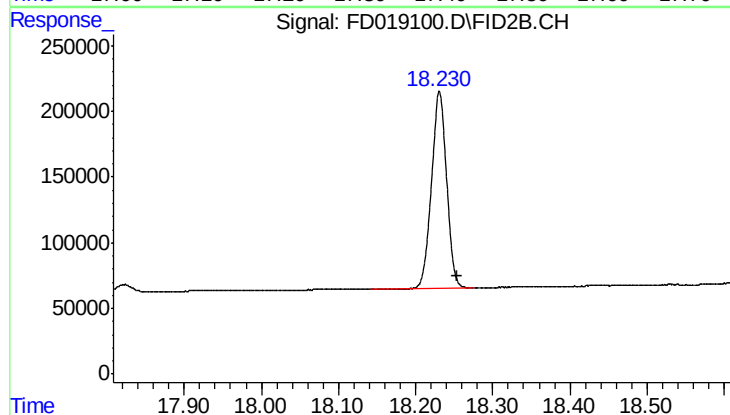
#17 n-Tricontane (C30)

R.T.: 17.403 min
Delta R.T.: -0.024 min
Response: 2083270
Conc: 21.87 ug/ml

Instrument :
FID_D
ClientSampleId :

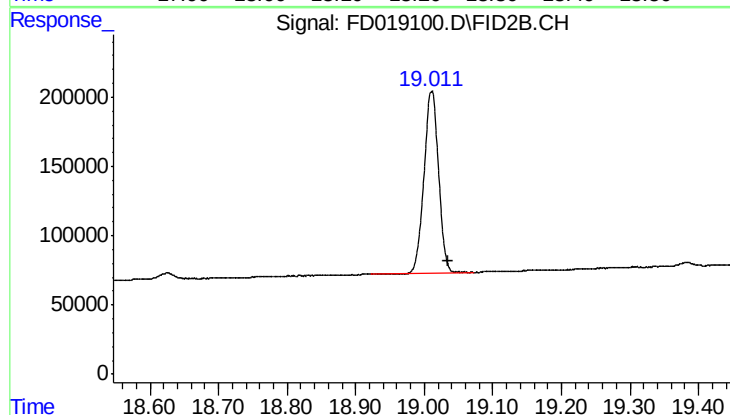
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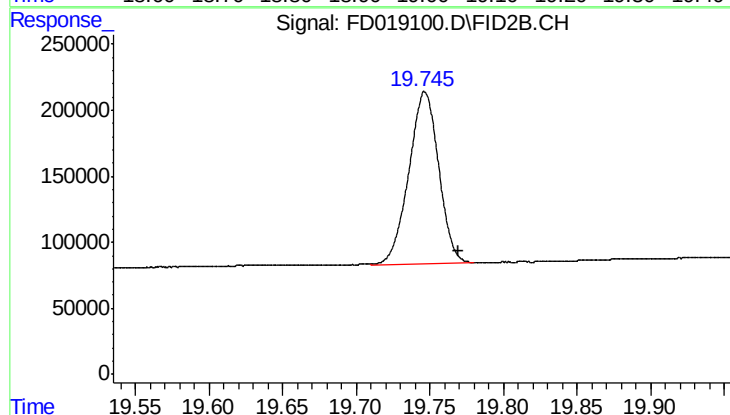
#18 n-Dotriacontane (C32)

R.T.: 18.231 min
Delta R.T.: -0.023 min
Response: 2022870
Conc: 21.69 ug/ml



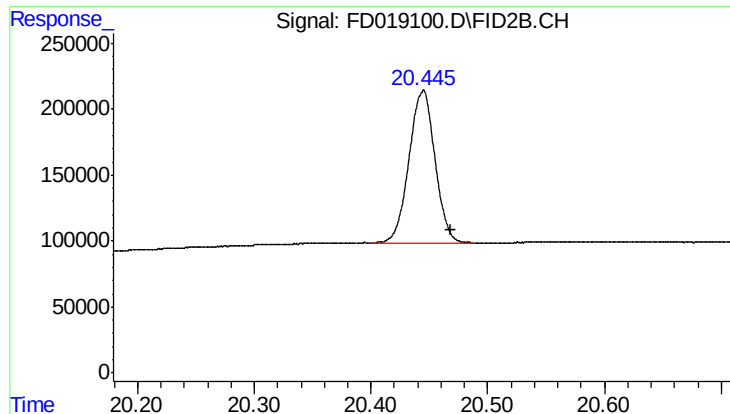
#19 n-Tetratriacontane (C34)

R.T.: 19.011 min
Delta R.T.: -0.023 min
Response: 1932856
Conc: 21.29 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.745 min
Delta R.T.: -0.024 min
Response: 1840410
Conc: 21.29 ug/ml m



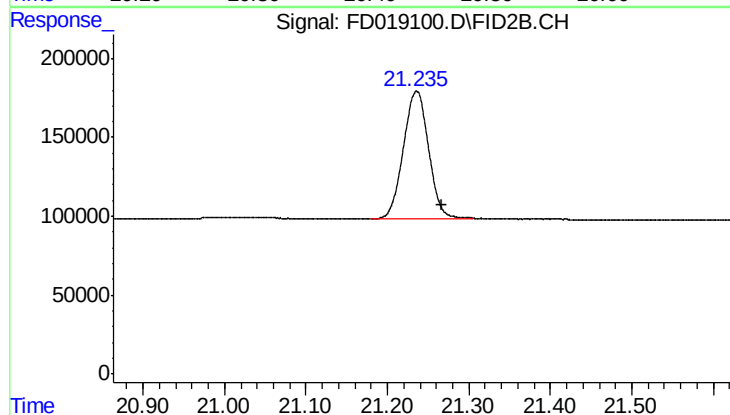
#21 n-Octatriacontane (C38)

R.T.: 20.445 min
Delta R.T.: -0.024 min
Response: 1786272
Conc: 21.08 ug/ml

Instrument :
FID_D
ClientSampleId :

Manual Integrations
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#22 n-Tetracontane (C40)

R.T.: 21.235 min
Delta R.T.: -0.032 min
Response: 1735662
Conc: 20.93 ug/ml m