

Data Path : P:\HPCHEM1\FID D\Data\FD011518AL\  
 Data File : FD019070.D  
 Signal(s) : FID2B.CH  
 Acq On : 16 Jan 2018 2:58  
 Operator : UA/AJ  
 Sample : PB105633BS  
 Misc :  
 ALS Vial : 70 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Manual Integrations  
 APPROVED

ugo  
 1/17/2018 1:49:31 PM

Integration File: sample.E  
 Quant Time: Jan 16 03:38:22 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)    | 11.270 | 5694304    | 58.039 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 116.08%       |
| 12) S 1-chlorooctadecane (S... | 12.710 | 4569467    | 60.389 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 120.78%       |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.098  | 3641307    | 47.303 ug/ml  |
| 2) T n-Decane (C10)            | 4.186  | 4024192    | 51.997 ug/ml  |
| 3) T A-Naphthalene (C11.7)     | 5.714  | 4541700    | 50.685 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.156  | 4412536    | 55.542 ug/ml  |
| 5) T A-2-methylnaphthalene...  | 6.765  | 4650663    | 50.523 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.943  | 4615578    | 55.690 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.533  | 4741653    | 55.289 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.968 | 4783085    | 54.665 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.271 | 4818372    | 52.867 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.880 | 4932492    | 53.787 ug/ml  |
| 13) T n-Docosane (C22)         | 13.463 | 4980907    | 53.498 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.560 | 4996579    | 53.120 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.579 | 4992082    | 52.533 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.522 | 5053727    | 51.994 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.407 | 4999757    | 52.488 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.234 | 5052094    | 54.178 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.012 | 4865117    | 53.577 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.749 | 4540028    | 52.520 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.447 | 4315083    | 50.911 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.241 | 4416609    | 53.253 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : P:\HPCHEM1\FID D\Data\FD011518AL\  
Data File : FD019070.D  
Signal(s) : FID2B.CH  
Acq On : 16 Jan 2018 2:58  
Operator : UA/AJ  
Sample : PB105633BS  
Misc :  
ALS Vial : 70 Sample Multiplier: 1

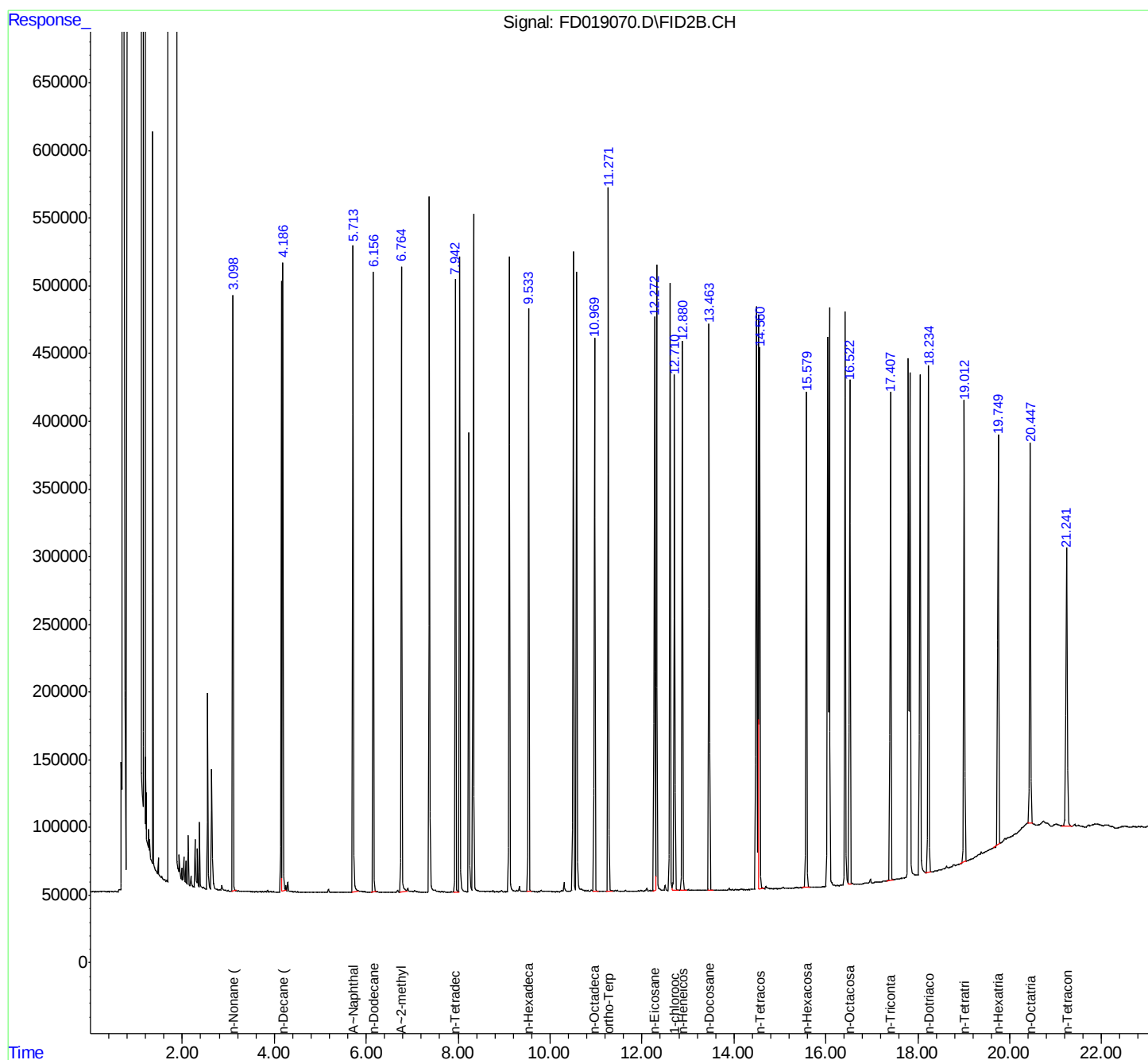
Instrument :  
FID\_D  
ClientSampled :

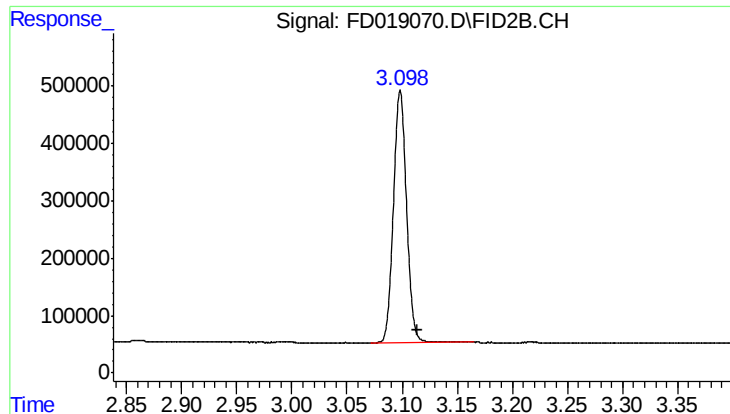
Manual Integrations  
APPROVED

ugo  
1/17/2018 1:49:31 PM

Integration File: sample.E  
Quant Time: Jan 16 03:38:22 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





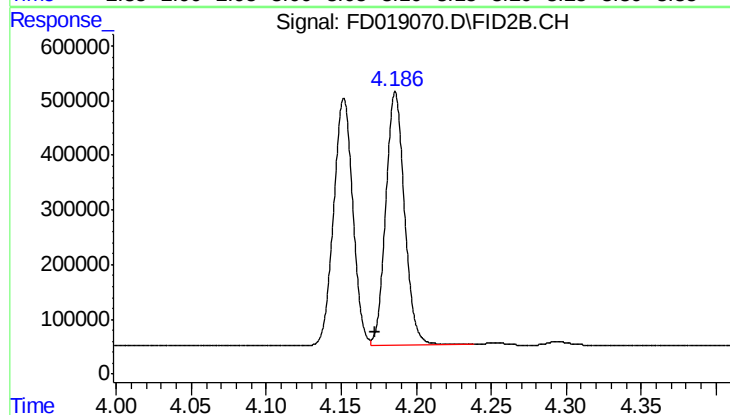
#1 n-Nonane (C9)

R.T.: 3.098 min  
Delta R.T.: -0.016 min  
Response: 3641307  
Conc: 47.30 ug/ml

Instrument :  
FID\_D  
ClientSampleId :

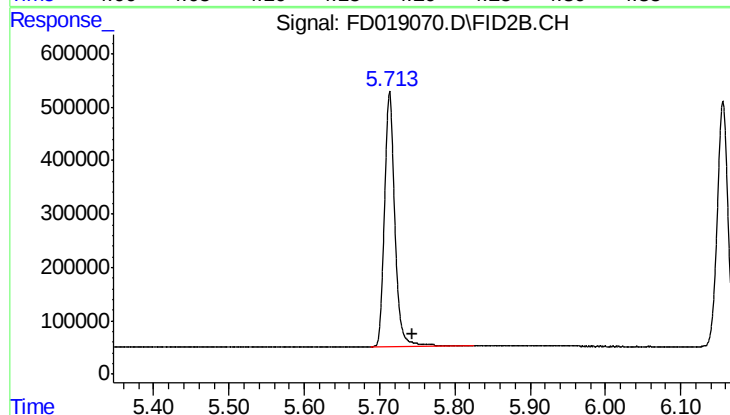
Manual Integrations  
APPROVED

ugo  
1/17/2018 1:49:31 PM



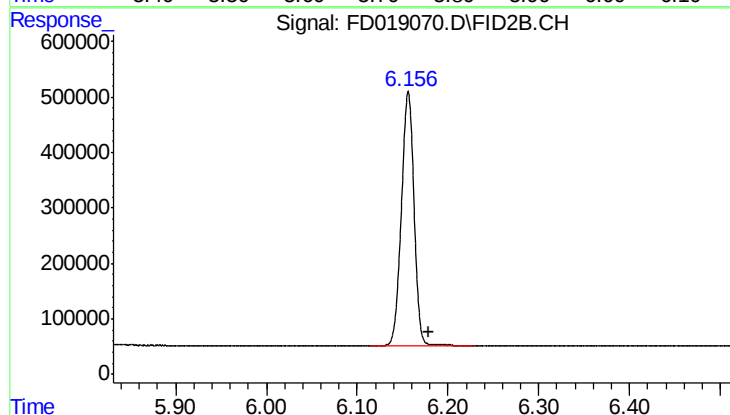
#2 n-Decane (C10)

R.T.: 4.186 min  
Delta R.T.: 0.013 min  
Response: 4024192  
Conc: 52.00 ug/ml



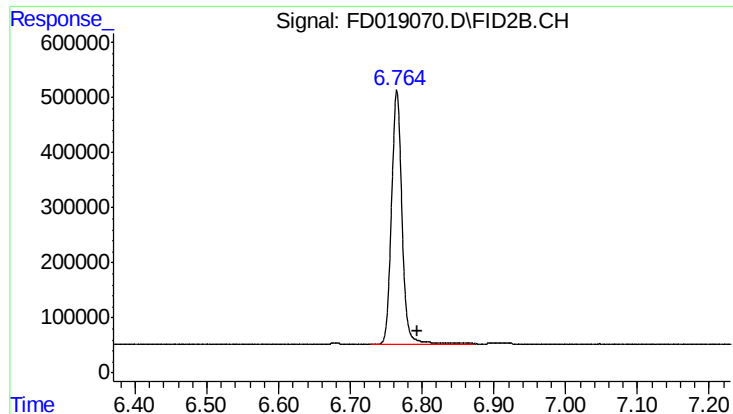
#3 A-Naphthalene (C11.7)

R.T.: 5.714 min  
Delta R.T.: -0.030 min  
Response: 4541700  
Conc: 50.68 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.156 min  
Delta R.T.: -0.023 min  
Response: 4412536  
Conc: 55.54 ug/ml



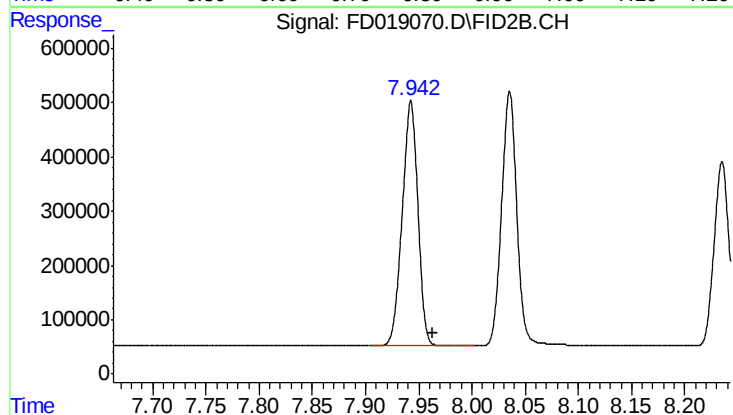
#5 A-2-methylnaphthalene (C12.89)

R.T.: 6.765 min  
Delta R.T.: -0.029 min  
Response: 4650663  
Conc: 50.52 ug/ml

Instrument :  
FID\_D  
ClientSampleId :

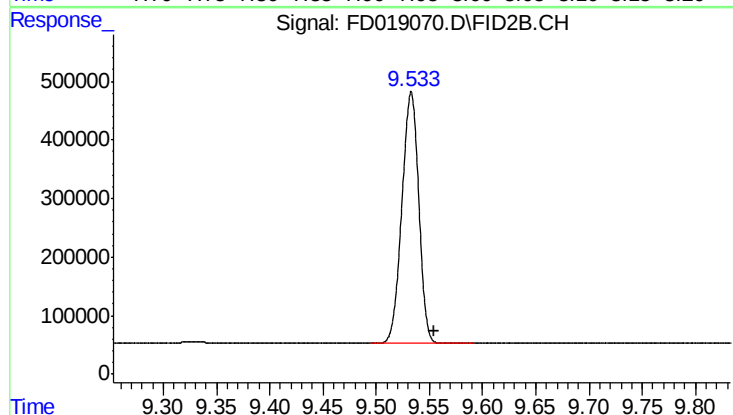
Manual Integrations  
APPROVED

ugo  
1/17/2018 1:49:31 PM



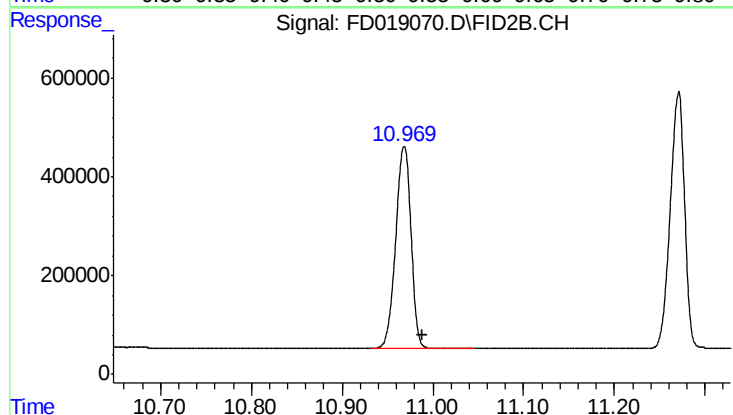
#6 n-Tetradecane (C14)

R.T.: 7.943 min  
Delta R.T.: -0.021 min  
Response: 4615578  
Conc: 55.69 ug/ml



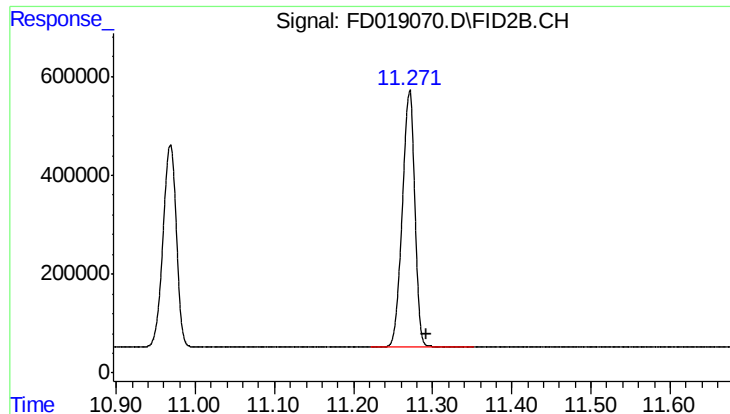
#7 n-Hexadecane (C16)

R.T.: 9.533 min  
Delta R.T.: -0.022 min  
Response: 4741653  
Conc: 55.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.968 min  
Delta R.T.: -0.020 min  
Response: 4783085  
Conc: 54.66 ug/ml



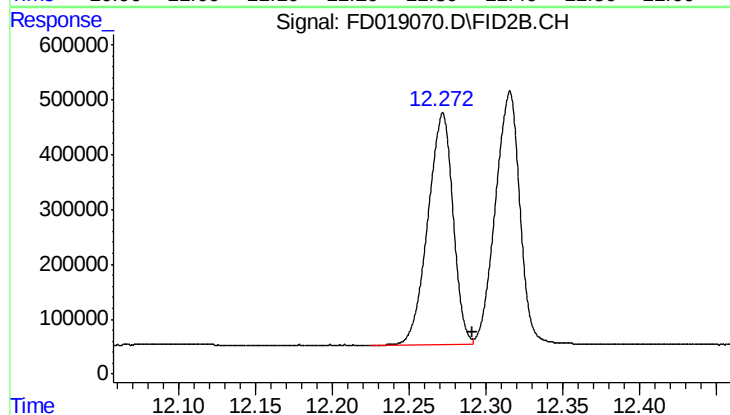
#9 ortho-Terphenyl (SURR)

R.T.: 11.270 min  
Delta R.T.: -0.021 min  
Response: 5694304  
Conc: 58.04 ug/ml

Instrument :  
FID\_D  
ClientSampleId :

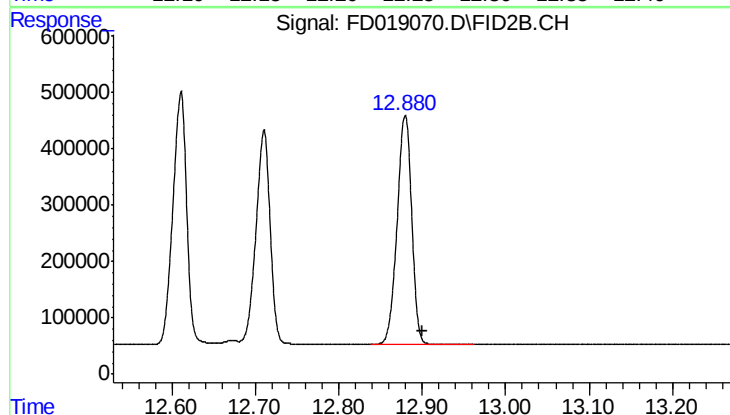
Manual Integrations  
APPROVED

ugo  
1/17/2018 1:49:31 PM



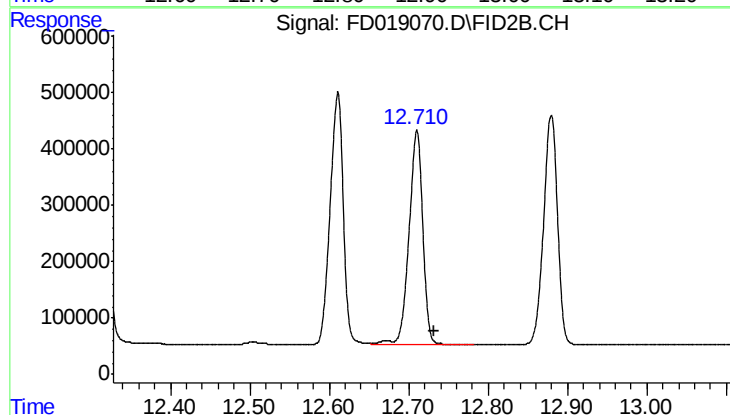
#10 n-Eicosane (C20)

R.T.: 12.271 min  
Delta R.T.: -0.020 min  
Response: 4818372  
Conc: 52.87 ug/ml



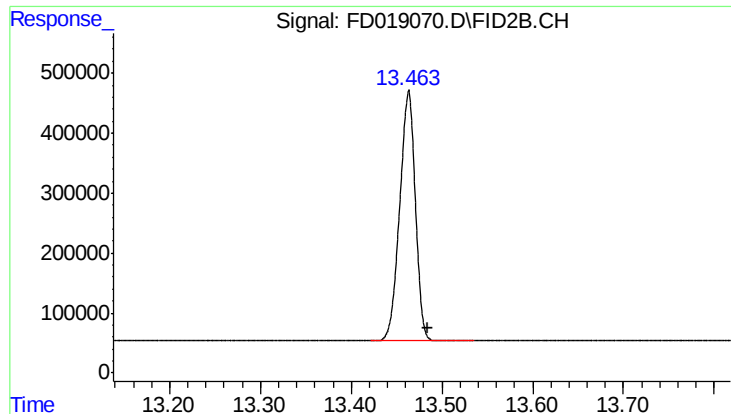
#11 n-Heneicosane (C21)

R.T.: 12.880 min  
Delta R.T.: -0.021 min  
Response: 4932492  
Conc: 53.79 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.710 min  
Delta R.T.: -0.021 min  
Response: 4569467  
Conc: 60.39 ug/ml



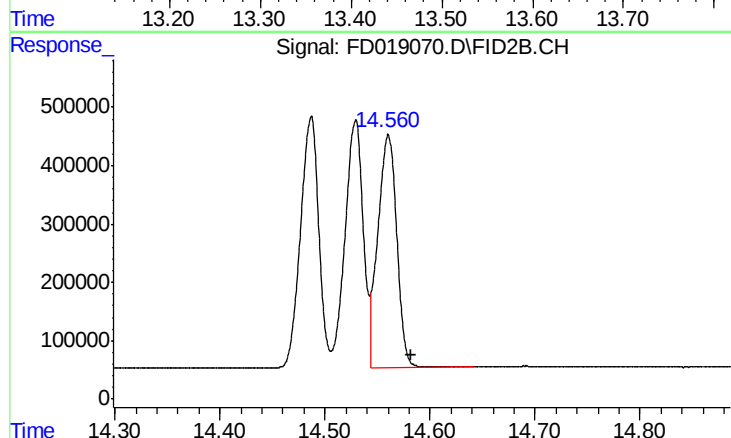
#13 n-Docosane (C22)

R.T.: 13.463 min  
Delta R.T.: -0.022 min  
Response: 4980907  
Conc: 53.50 ug/ml

Instrument :  
FID\_D  
ClientSampleId :

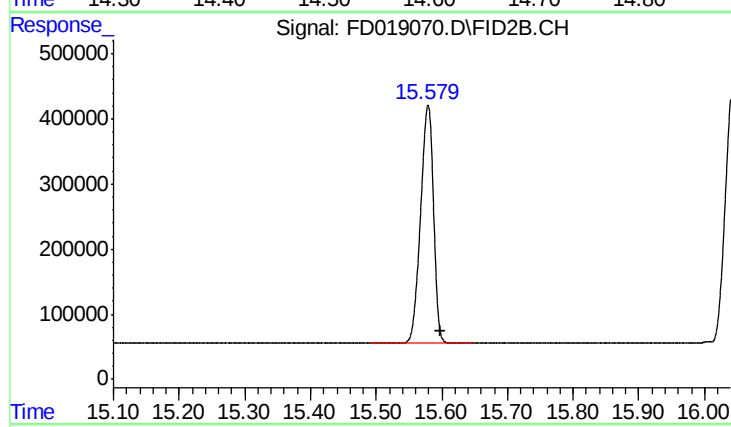
Manual Integrations  
APPROVED

ugo  
1/17/2018 1:49:31 PM



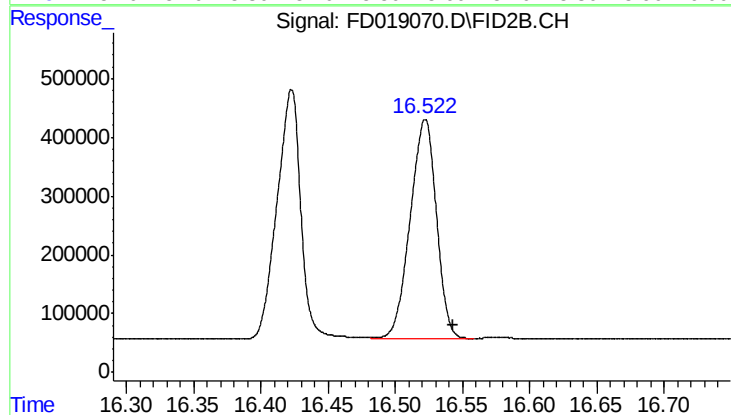
#14 n-Tetracosane (C24)

R.T.: 14.560 min  
Delta R.T.: -0.021 min  
Response: 4996579  
Conc: 53.12 ug/ml



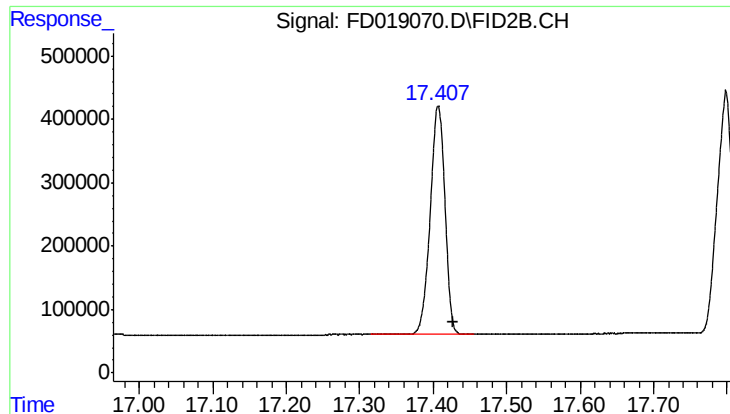
#15 n-Hexacosane (C26)

R.T.: 15.579 min  
Delta R.T.: -0.020 min  
Response: 4992082  
Conc: 52.53 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.522 min  
Delta R.T.: -0.021 min  
Response: 5053727  
Conc: 51.99 ug/ml



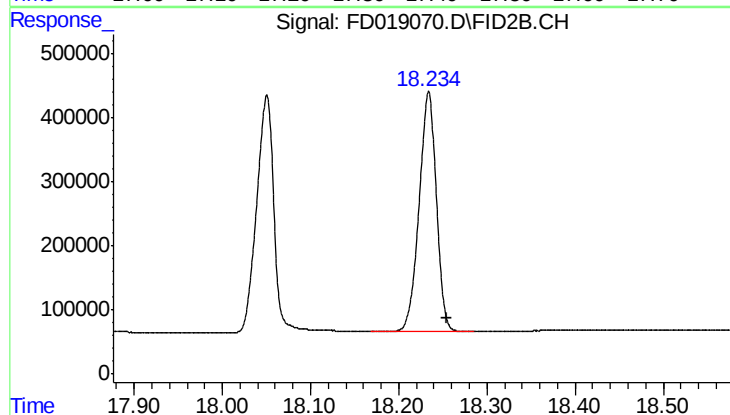
#17 n-Tricontane (C30)

R.T.: 17.407 min  
Delta R.T.: -0.020 min  
Response: 4999757  
Conc: 52.49 ug/ml

Instrument :  
FID\_D  
ClientSampleId :

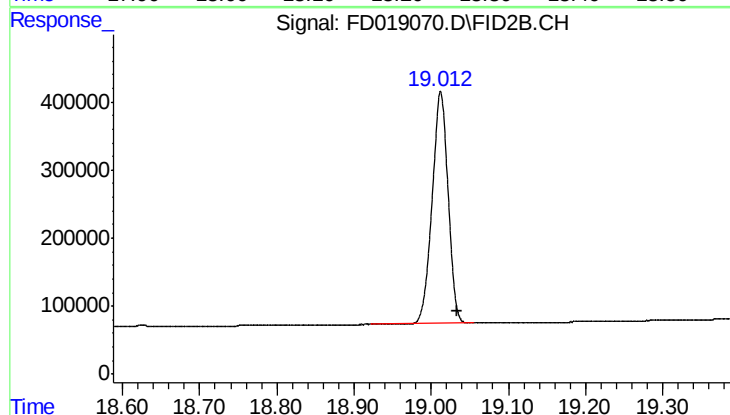
Manual Integrations  
APPROVED

ugo  
1/17/2018 1:49:31 PM



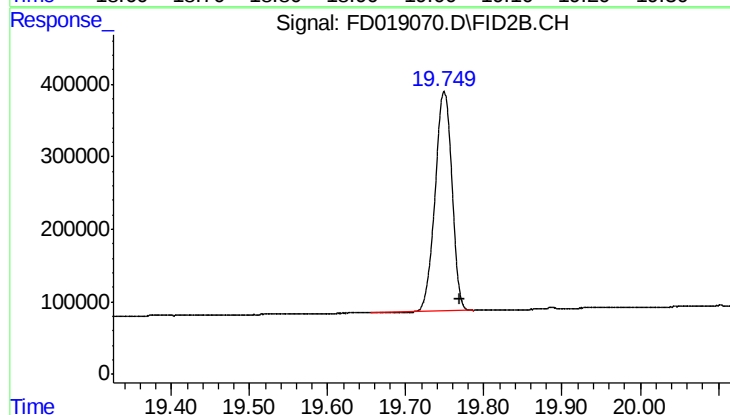
#18 n-Dotriacontane (C32)

R.T.: 18.234 min  
Delta R.T.: -0.020 min  
Response: 5052094  
Conc: 54.18 ug/ml



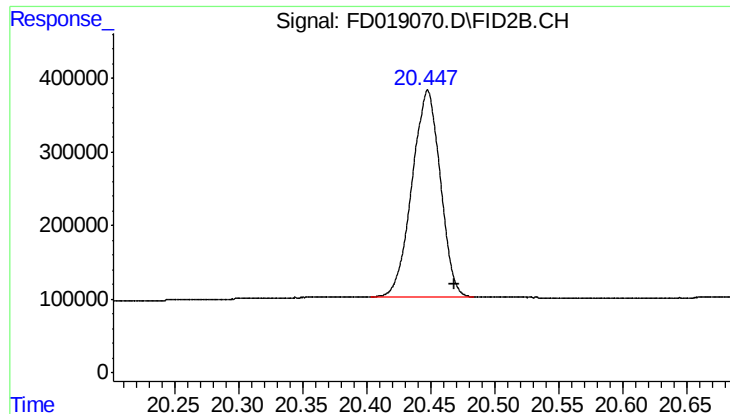
#19 n-Tetratriacontane (C34)

R.T.: 19.012 min  
Delta R.T.: -0.022 min  
Response: 4865117  
Conc: 53.58 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.749 min  
Delta R.T.: -0.020 min  
Response: 4540028  
Conc: 52.52 ug/ml



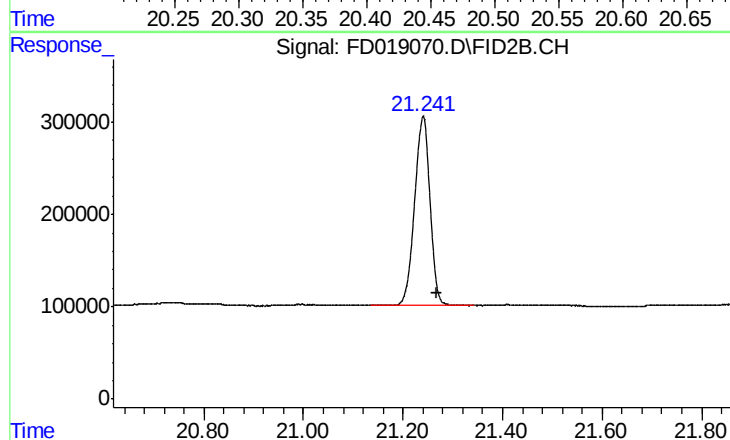
#21 n-Octatriacontane (C38)

R.T.: 20.447 min  
Delta R.T.: -0.022 min  
Response: 4315083  
Conc: 50.91 ug/ml

Instrument :  
FID\_D  
ClientSampleId :

Manual Integrations  
APPROVED

ugo  
1/17/2018 1:49:31 PM



#22 n-Tetracontane (C40)

R.T.: 21.241 min  
Delta R.T.: -0.027 min  
Response: 4416609  
Conc: 53.25 ug/ml