

Data Path : P:\HPCHEM1\FID D\Data\FD011518AL\  
 Data File : FD019050.D  
 Signal(s) : FID2B.CH  
 Acq On : 15 Jan 2018 12:08  
 Operator : UA/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: sample.E  
 Quant Time: Jan 15 12:35:54 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)    | 11.264 | 2019213    | 20.581 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.16%       |
| 12) S 1-chlorooctadecane (S... | 12.704 | 1577323    | 20.845 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.69%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.090  | 1638373    | 21.284 ug/ml |
| 2) T n-Decane (C10)            | 4.148  | 1666977    | 21.539 ug/ml |
| 3) T A-Naphthalene (C11.7)     | 5.714  | 1808849    | 20.187 ug/ml |
| 4) T n-Dodecane (C12)          | 6.154  | 1733675    | 21.822 ug/ml |
| 5) T A-2-methylnaphthalene...  | 6.765  | 1860243    | 20.209 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.938  | 1813048    | 21.876 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.529  | 1878324    | 21.902 ug/ml |
| 8) T n-Octadecane (C18)        | 10.962 | 1887393    | 21.571 ug/ml |
| 10) T n-Eicosane (C20)         | 12.264 | 1942643    | 21.315 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.873 | 1939036    | 21.145 ug/ml |
| 13) T n-Docosane (C22)         | 13.456 | 1949980    | 20.944 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.554 | 1951845    | 20.751 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.570 | 1943757    | 20.455 ug/ml |
| 16) T n-Octacosane (C28)       | 16.514 | 1974838    | 20.317 ug/ml |
| 17) T n-Tricontane (C30)       | 17.396 | 1927980    | 20.240 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.224 | 1889757    | 20.266 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.003 | 1828802    | 20.140 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.739 | 1782020    | 20.615 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.437 | 1721369    | 20.309 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.225 | 1693591    | 20.421 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

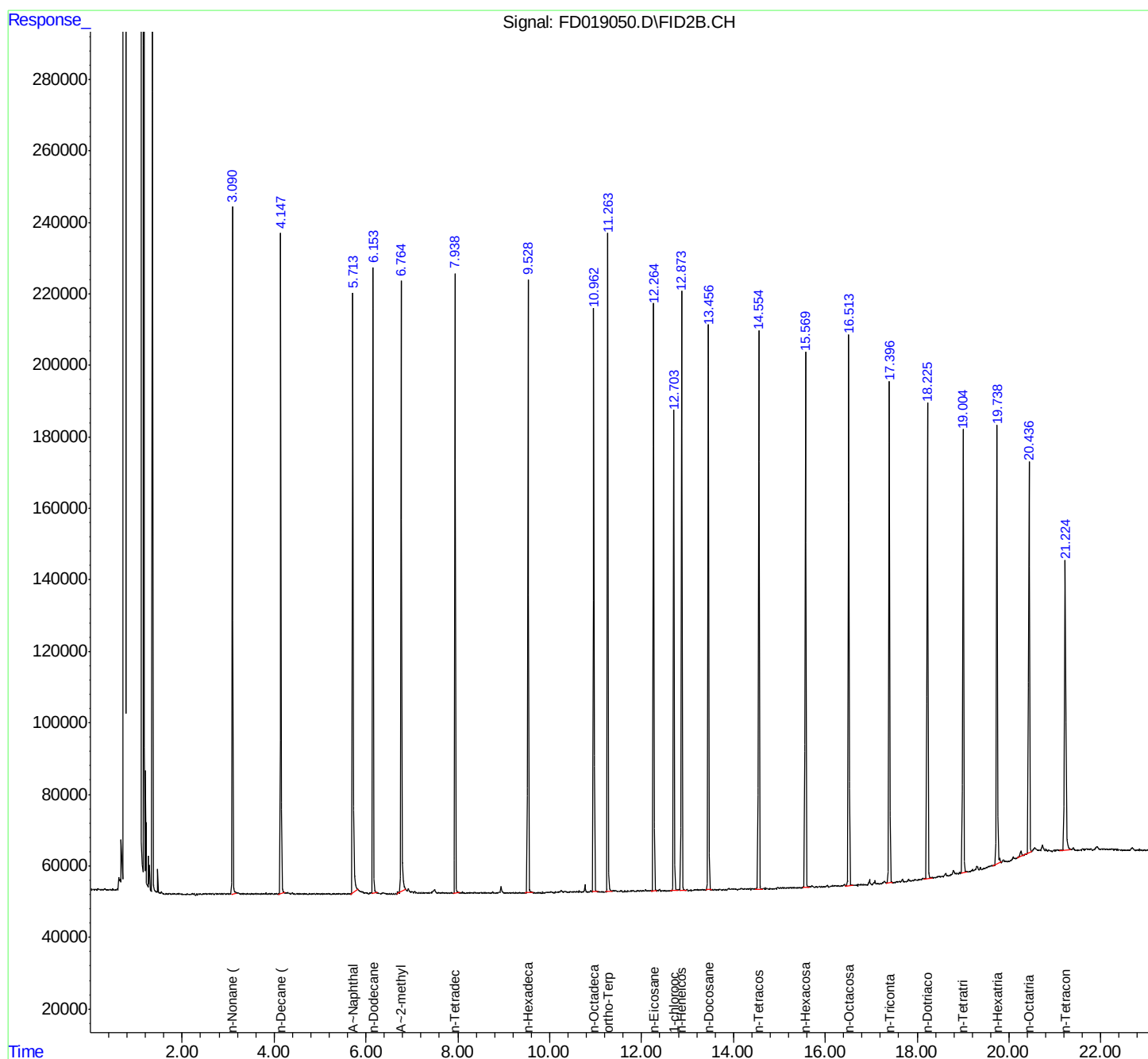
(m)=manual int.

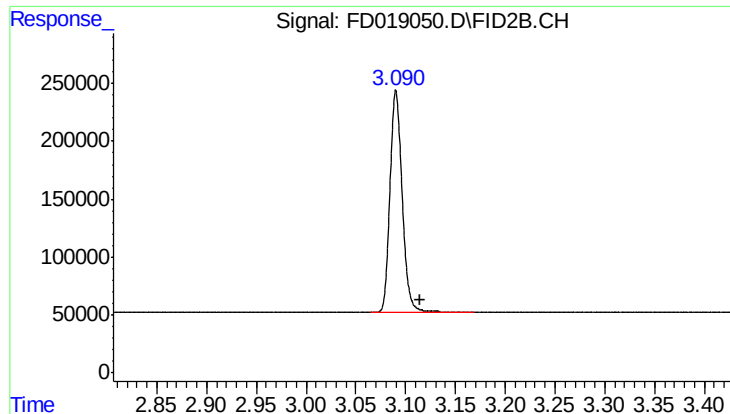
Data Path : P:\HPCHEM1\FID D\Data\FD011518AL\  
Data File : FD019050.D  
Signal(s) : FID2B.CH  
Acq On : 15 Jan 2018 12:08  
Operator : UA/AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 52 Sample Multiplier: 1

Instrument :  
FID\_D  
ClientSampled :

Integration File: sample.E  
Quant Time: Jan 15 12:35:54 2018  
Quant Method : P:\HPCHEM1\FID\_D\methods\Aliphatic 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

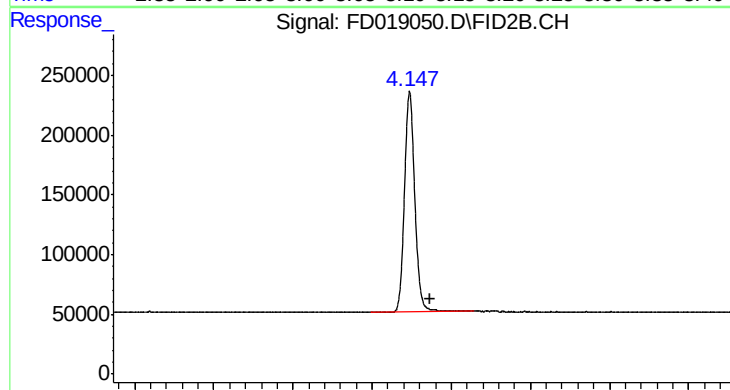




#1 n-Nonane (C9)

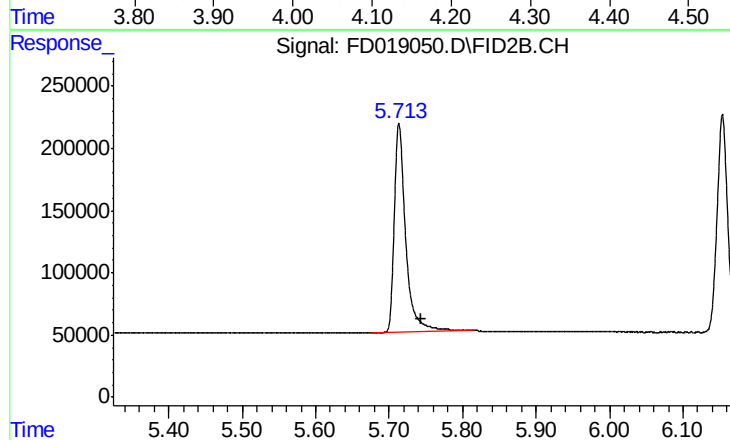
R.T.: 3.090 min  
Delta R.T.: -0.024 min  
Response: 1638373  
Conc: 21.28 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



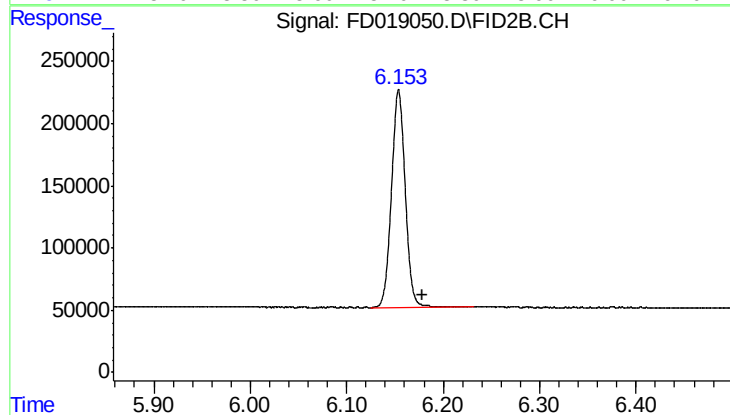
#2 n-Decane (C10)

R.T.: 4.148 min  
Delta R.T.: -0.025 min  
Response: 1666977  
Conc: 21.54 ug/ml



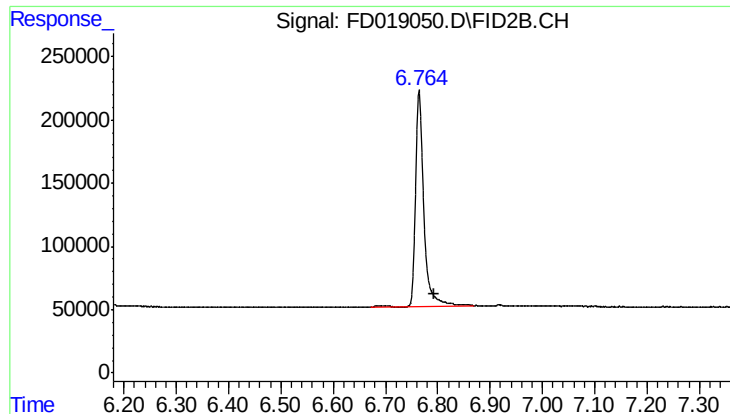
#3 A-Naphthalene (C11.7)

R.T.: 5.714 min  
Delta R.T.: -0.030 min  
Response: 1808849  
Conc: 20.19 ug/ml



#4 n-Dodecane (C12)

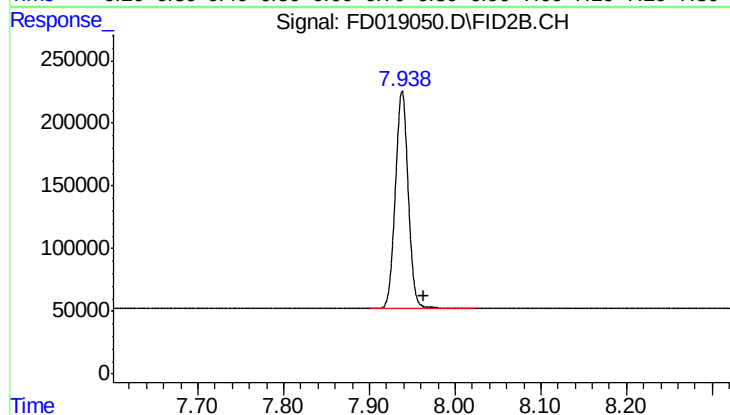
R.T.: 6.154 min  
Delta R.T.: -0.025 min  
Response: 1733675  
Conc: 21.82 ug/ml



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

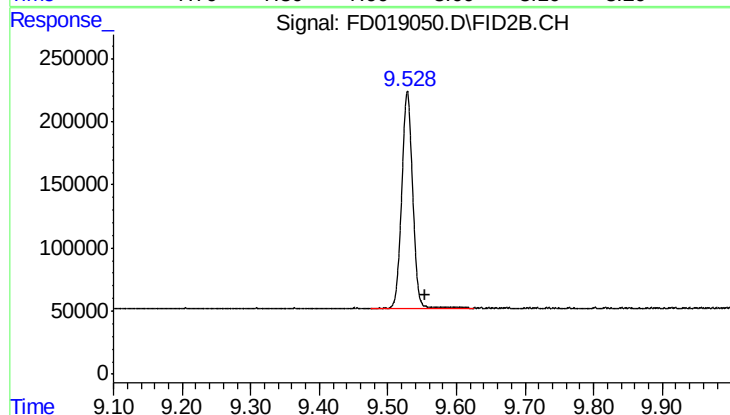
R.T.: 6.765 min  
Delta R.T.: -0.029 min  
Response: 1860243  
Conc: 20.21 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



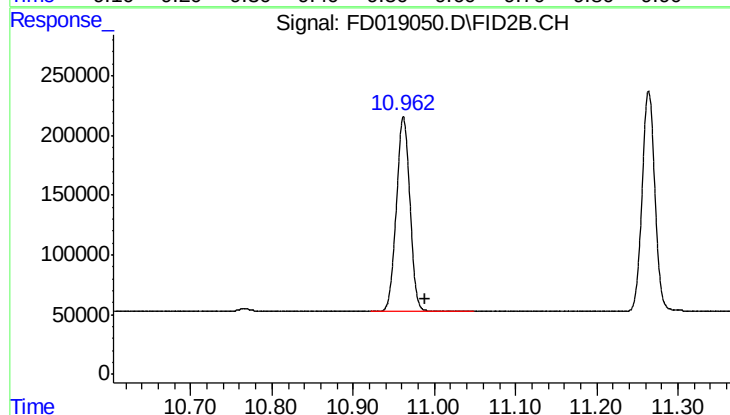
#6 n-Tetradecane (C14)

R.T.: 7.938 min  
Delta R.T.: -0.025 min  
Response: 1813048  
Conc: 21.88 ug/ml



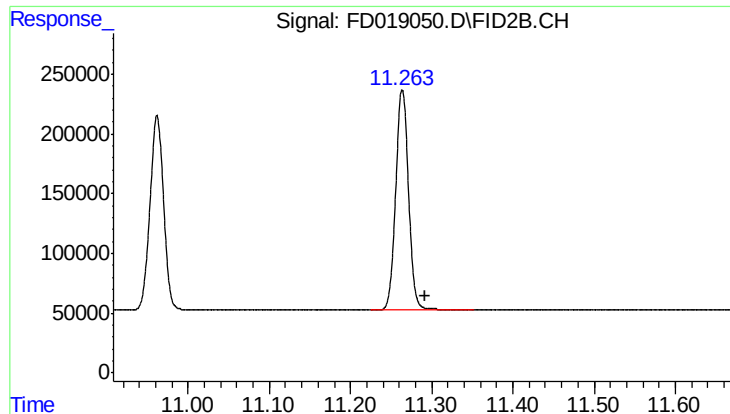
#7 n-Hexadecane (C16)

R.T.: 9.529 min  
Delta R.T.: -0.026 min  
Response: 1878324  
Conc: 21.90 ug/ml



#8 n-Octadecane (C18)

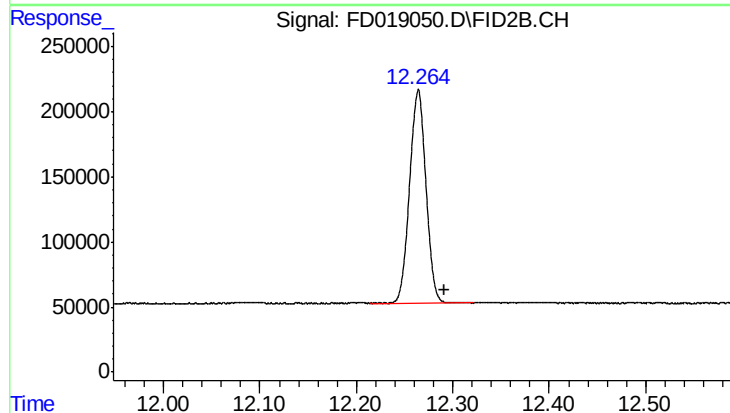
R.T.: 10.962 min  
Delta R.T.: -0.026 min  
Response: 1887393  
Conc: 21.57 ug/ml



#9 ortho-Terphenyl (SURRE)

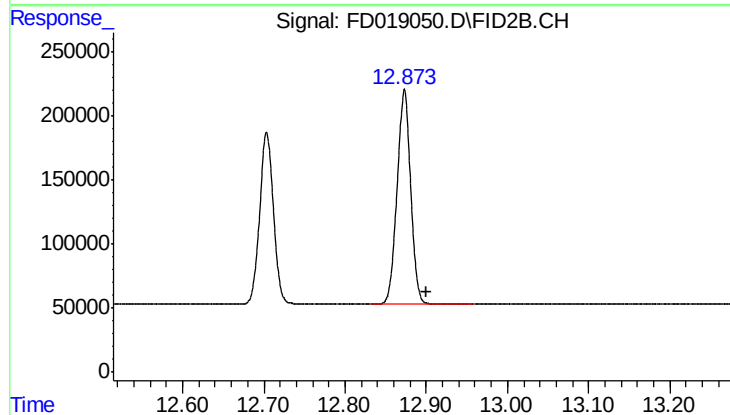
R.T.: 11.264 min  
Delta R.T.: -0.028 min  
Response: 2019213  
Conc: 20.58 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



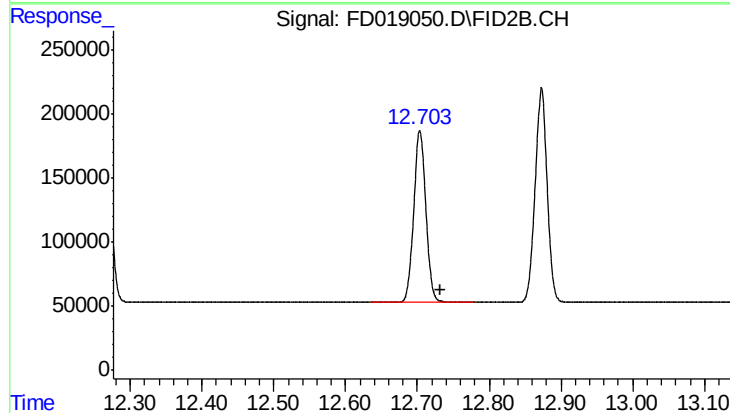
#10 n-Eicosane (C20)

R.T.: 12.264 min  
Delta R.T.: -0.027 min  
Response: 1942643  
Conc: 21.31 ug/ml



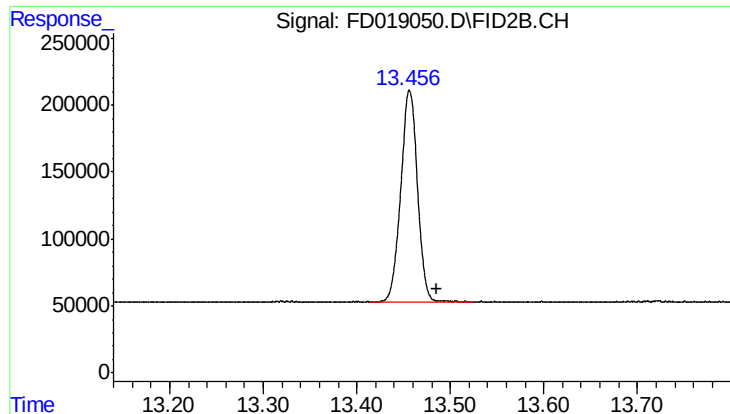
#11 n-Heneicosane (C21)

R.T.: 12.873 min  
Delta R.T.: -0.028 min  
Response: 1939036  
Conc: 21.14 ug/ml



#12 1-chlorooctadecane (SURRE)

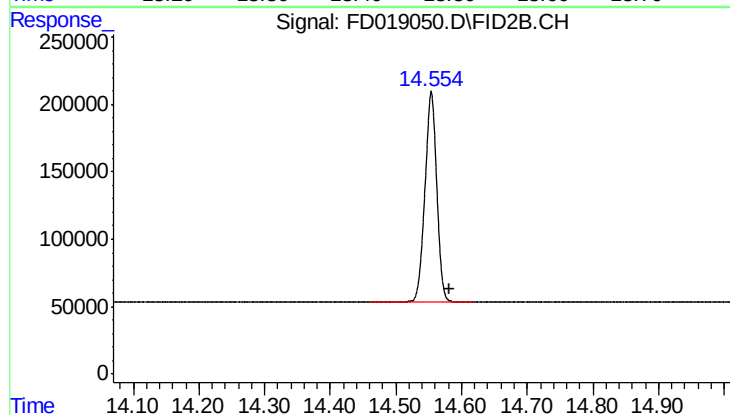
R.T.: 12.704 min  
Delta R.T.: -0.028 min  
Response: 1577323  
Conc: 20.85 ug/ml



#13 n-Docosane (C22)

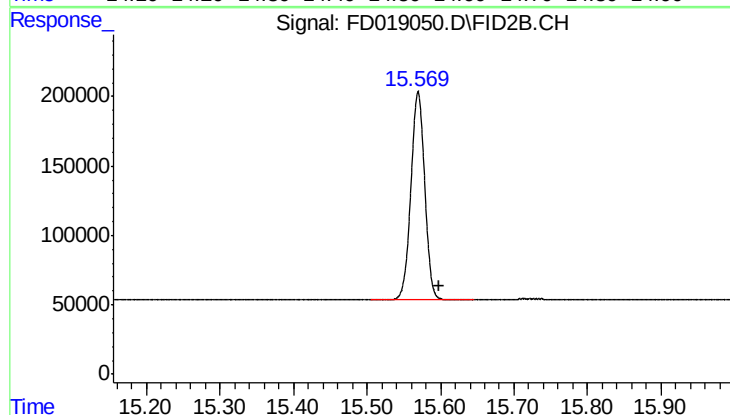
R.T.: 13.456 min  
Delta R.T.: -0.028 min  
Response: 1949980  
Conc: 20.94 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



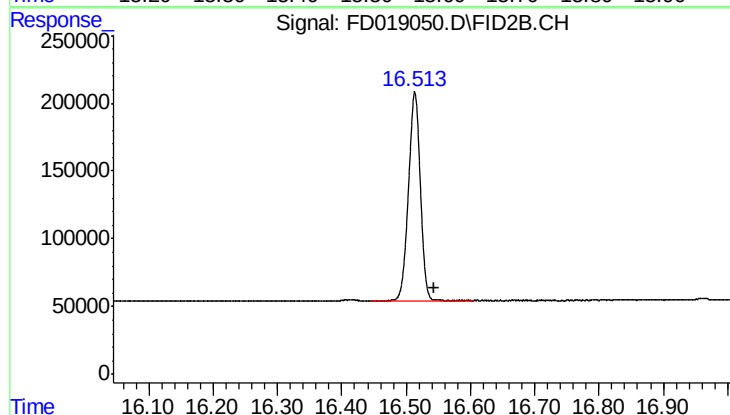
#14 n-Tetracosane (C24)

R.T.: 14.554 min  
Delta R.T.: -0.028 min  
Response: 1951845  
Conc: 20.75 ug/ml



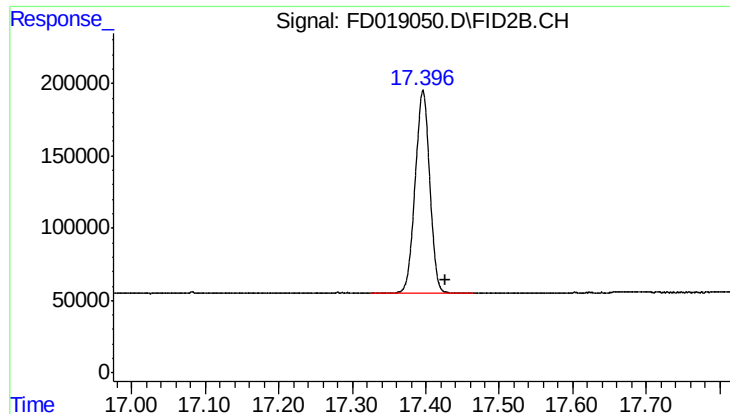
#15 n-Hexacosane (C26)

R.T.: 15.570 min  
Delta R.T.: -0.029 min  
Response: 1943757  
Conc: 20.45 ug/ml



#16 n-Octacosane (C28)

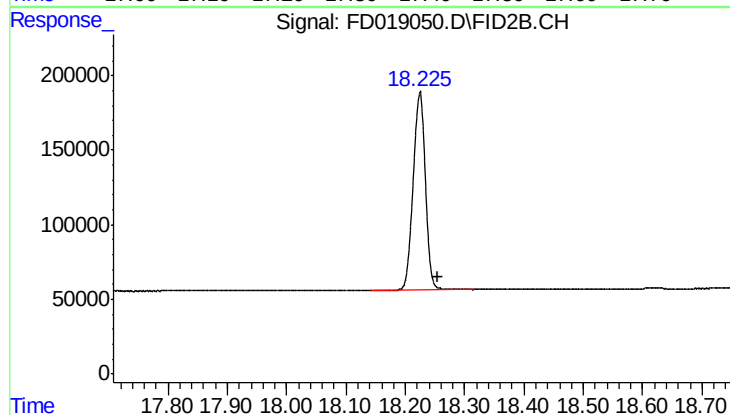
R.T.: 16.514 min  
Delta R.T.: -0.029 min  
Response: 1974838  
Conc: 20.32 ug/ml



#17 n-Tricontane (C30)

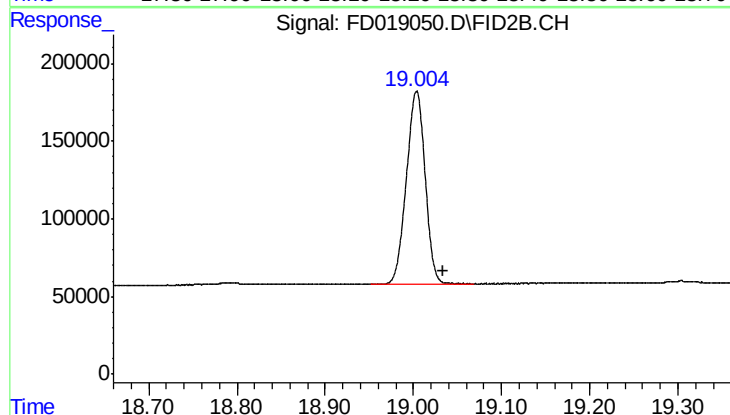
R.T.: 17.396 min  
Delta R.T.: -0.031 min  
Response: 1927980  
Conc: 20.24 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



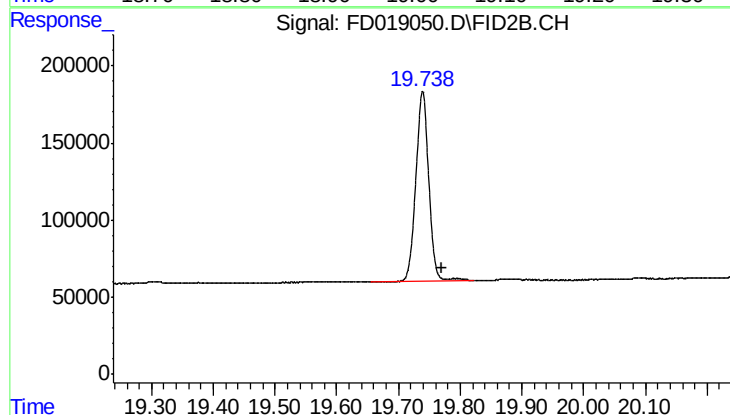
#18 n-Dotriacontane (C32)

R.T.: 18.224 min  
Delta R.T.: -0.030 min  
Response: 1889757  
Conc: 20.27 ug/ml



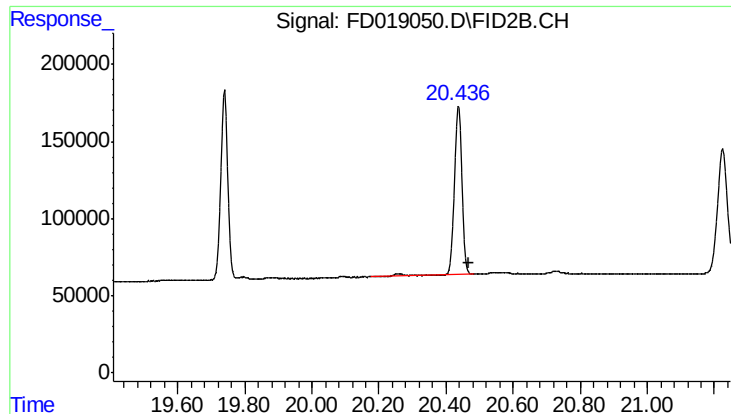
#19 n-Tetratriacontane (C34)

R.T.: 19.003 min  
Delta R.T.: -0.031 min  
Response: 1828802  
Conc: 20.14 ug/ml



#20 n-Hexatriacontane (C36)

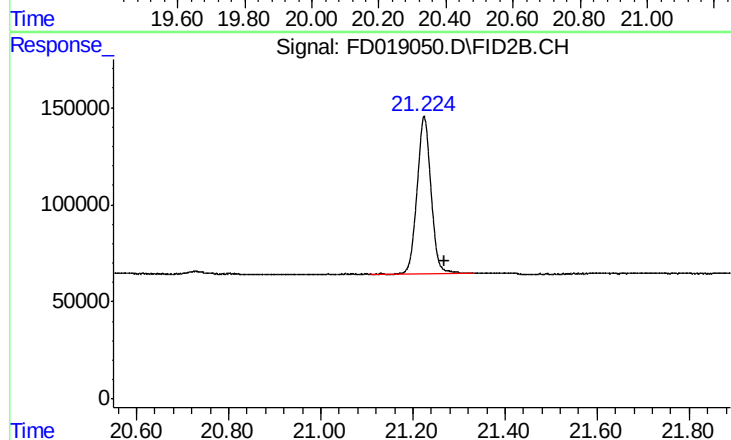
R.T.: 19.739 min  
Delta R.T.: -0.030 min  
Response: 1782020  
Conc: 20.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.437 min  
Delta R.T.: -0.032 min  
Response: 1721369  
Conc: 20.31 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.225 min  
Delta R.T.: -0.043 min  
Response: 1693591  
Conc: 20.42 ug/ml