

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083021AL\
 Data File : FD038720.D
 Signal(s) : FID2B.CH
 Acq On : 31 Aug 2021 3:05
 Operator : AJ\MA
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 31 04:35:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 04:34:35 2021
 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)	11.680	7153088	48.416 ug/ml
Spiked Amount 50.000		Recovery =	96.83%
12) S 1-chlorooctadecane (S...	13.106	5667658	48.511 ug/ml
Spiked Amount 50.000		Recovery =	97.02%
Target Compounds			
1) T n-Nonane (C9)	3.437	6178162	48.245 ug/ml
2) T n-Decane (C10)	4.507	6276094	48.171 ug/ml
3) T A~Naphthalene (C11.7)	6.098	7058823	48.175 ug/ml
4) T n-Dodecane (C12)	6.523	6362905	48.181 ug/ml
5) T A~2-methylnaphthalene...	7.153	7166441	48.162 ug/ml
6) T n-Tetradecane (C14)	8.316	6525571	48.061 ug/ml
7) T n-Hexadecane (C16)	9.915	6622335	48.046 ug/ml
8) T n-Octadecane (C18)	11.354	6786032	48.250 ug/ml
10) T n-Eicosane (C20)	12.661	6701920	48.290 ug/ml
11) T n-Heneicosane (C21)	13.272	6742917	48.312 ug/ml
13) T n-Docosane (C22)	13.856	6646705	48.492 ug/ml
14) T n-Tetracosane (C24)	14.956	6535731	48.663 ug/ml
15) T n-Hexacosane (C26)	15.972	6220942	48.800 ug/ml
16) T n-Octacosane (C28)	16.918	5932549	48.904 ug/ml
17) T n-Tricontane (C30)	17.802	5600643	48.747 ug/ml
18) T n-Dotriacontane (C32)	18.631	5250044	48.750 ug/ml
19) T n-Tetratriacontane (C34)	19.410	5066870	48.611 ug/ml
20) T n-Hexatriacontane (C36)	20.146	4781801	48.665 ug/ml
21) T n-Octatriacontane (C38)	20.890	4599893	48.729 ug/ml
22) T n-Tetracontane (C40)	21.822	4664111	49.098 ug/ml

(f)=RT Delta > 1/2 Window

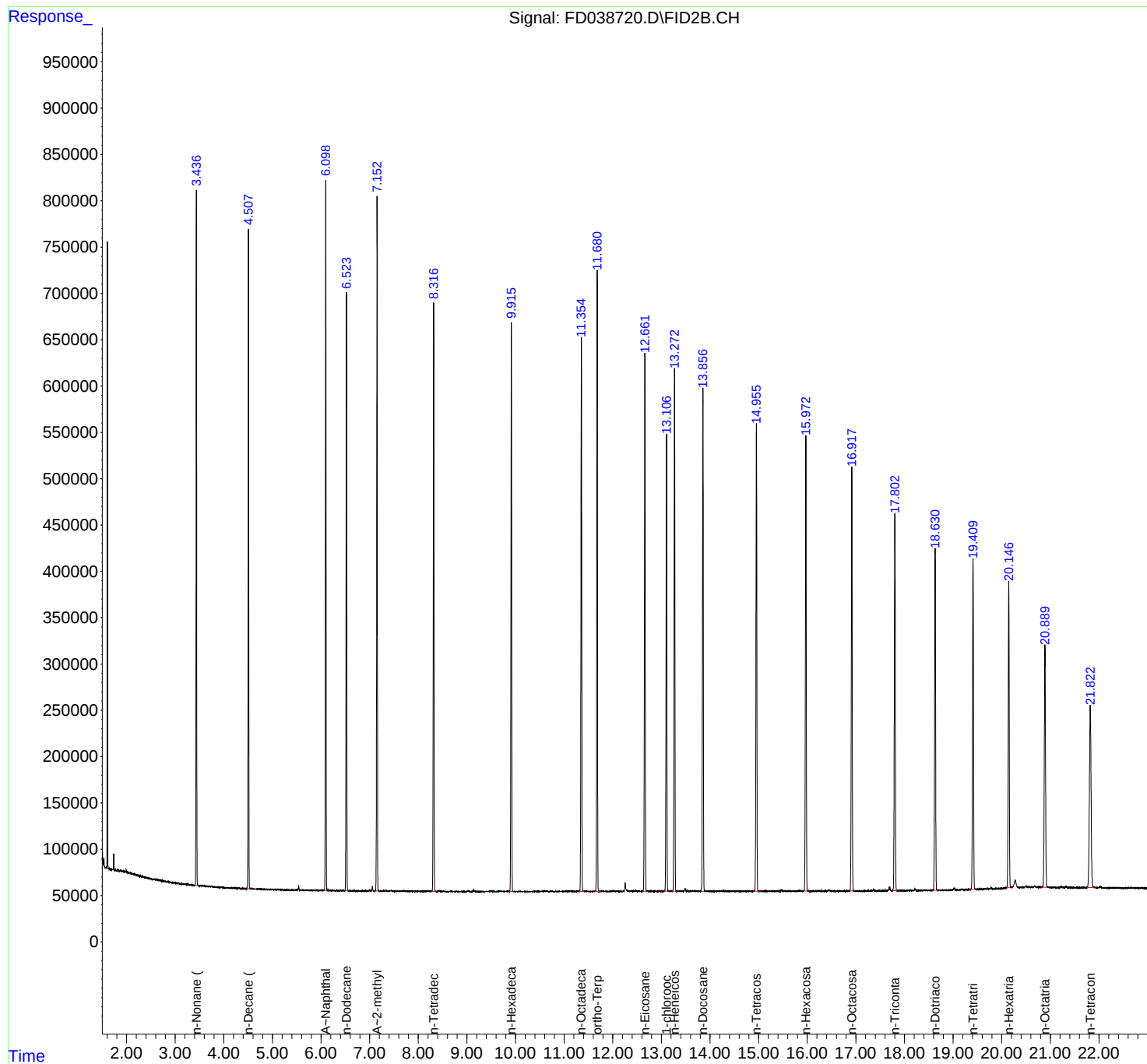
(m)=manual int.

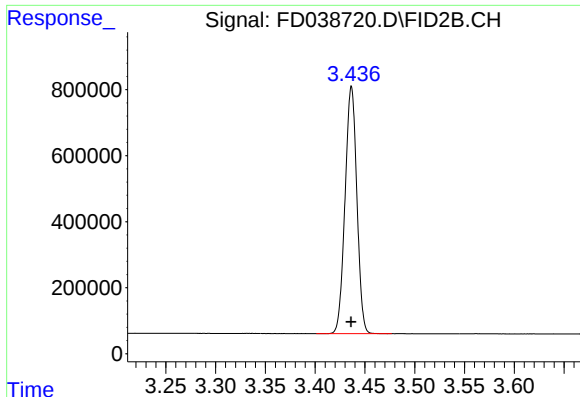
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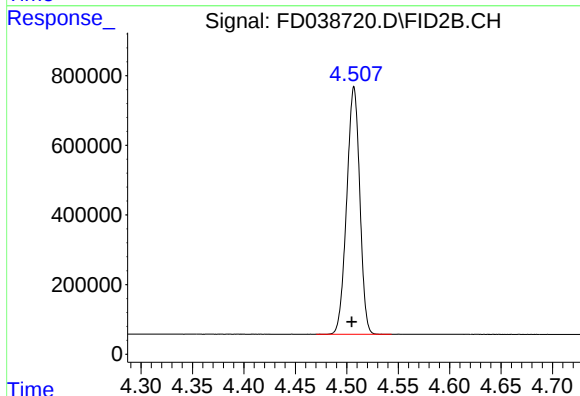




#1 n-Nonane (C9)

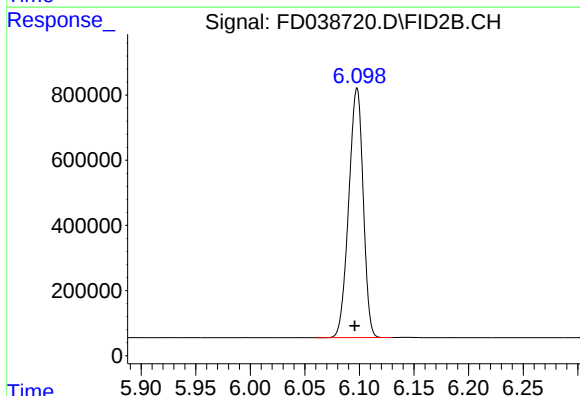
R.T.: 3.437 min
Delta R.T.: 0.000 min
Response: 6178162
Conc: 48.24 ug/ml

Instrument :
FID_D
ClientSampleId :



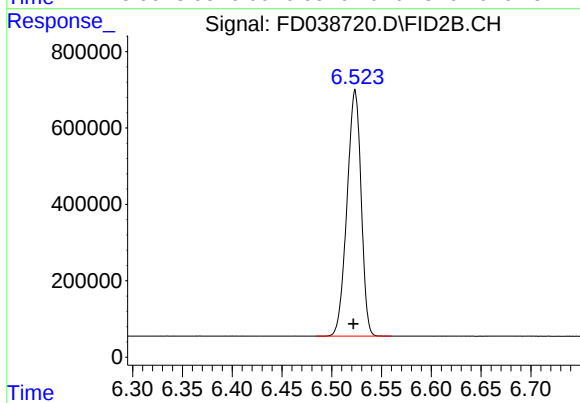
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: 0.002 min
Response: 6276094
Conc: 48.17 ug/ml



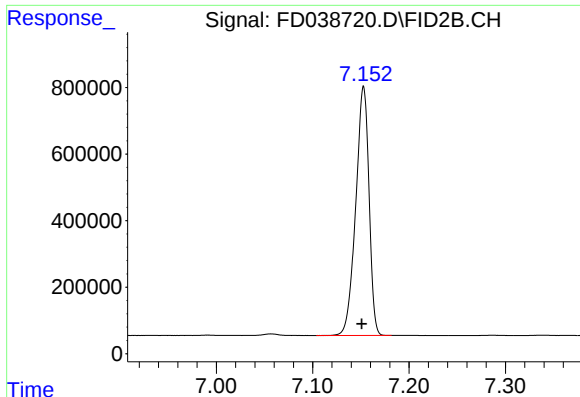
#3 A~Naphthalene (C11.7)

R.T.: 6.098 min
Delta R.T.: 0.002 min
Response: 7058823
Conc: 48.17 ug/ml



#4 n-Dodecane (C12)

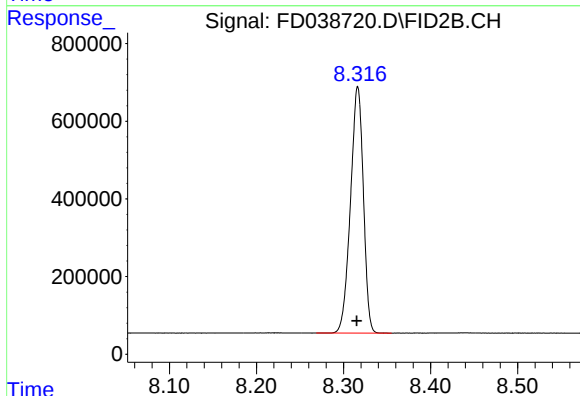
R.T.: 6.523 min
Delta R.T.: 0.002 min
Response: 6362905
Conc: 48.18 ug/ml



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

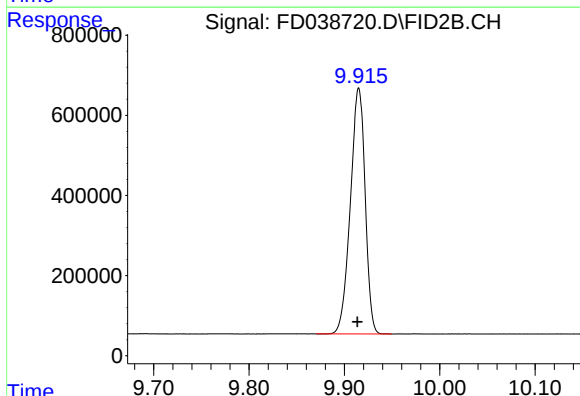
R.T.: 7.153 min
Delta R.T.: 0.002 min
Response: 7166441
Conc: 48.16 ug/ml

Instrument :
FID_D
ClientSampleId :



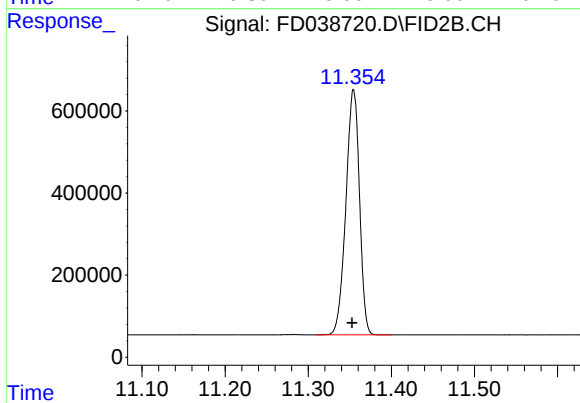
#6 n-Tetradecane (C14)

R.T.: 8.316 min
Delta R.T.: 0.001 min
Response: 6525571
Conc: 48.06 ug/ml



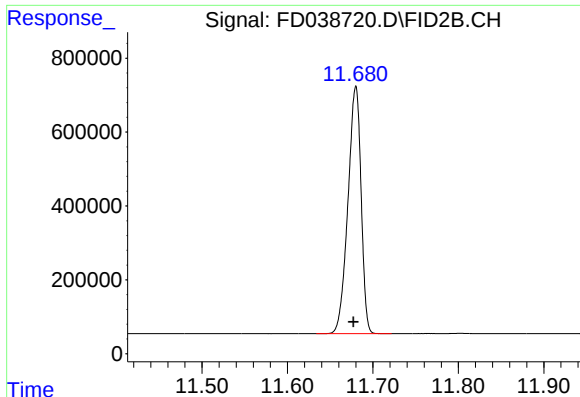
#7 n-Hexadecane (C16)

R.T.: 9.915 min
Delta R.T.: 0.001 min
Response: 6622335
Conc: 48.05 ug/ml



#8 n-Octadecane (C18)

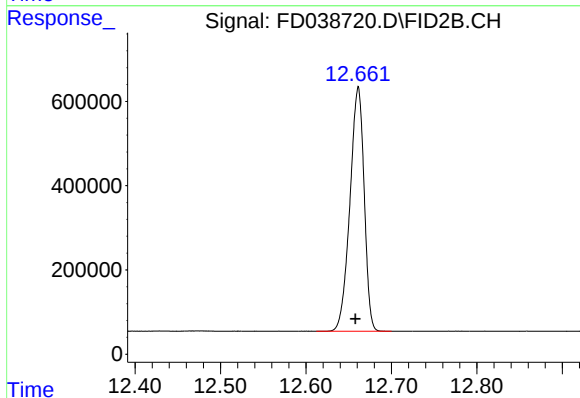
R.T.: 11.354 min
Delta R.T.: 0.002 min
Response: 6786032
Conc: 48.25 ug/ml



#9 ortho-Terphenyl (SURR)

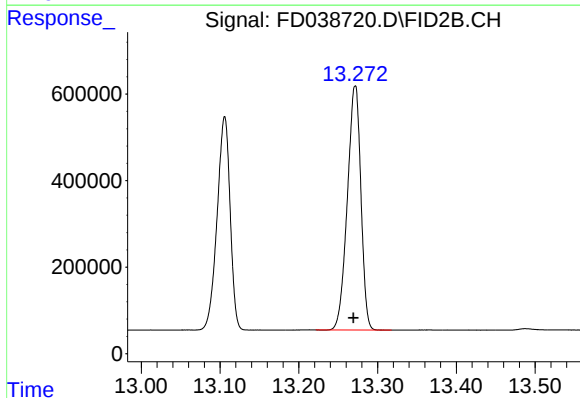
R.T.: 11.680 min
Delta R.T.: 0.003 min
Response: 7153088
Conc: 48.42 ug/ml

Instrument :
FID_D
ClientSampleId :



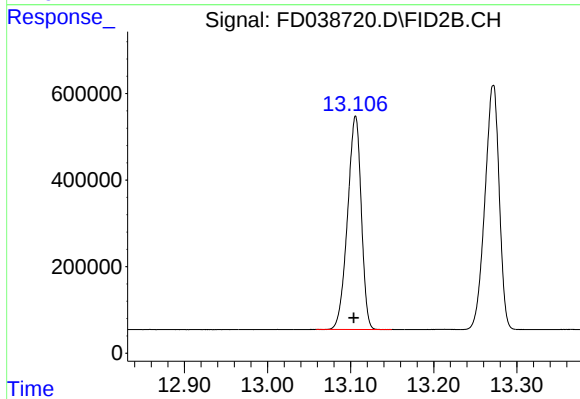
#10 n-Eicosane (C20)

R.T.: 12.661 min
Delta R.T.: 0.003 min
Response: 6701920
Conc: 48.29 ug/ml



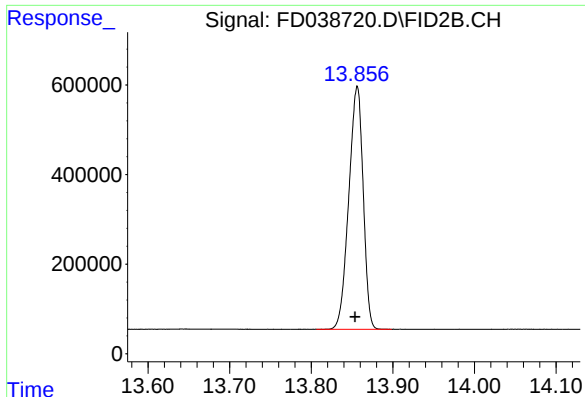
#11 n-Heneicosane (C21)

R.T.: 13.272 min
Delta R.T.: 0.002 min
Response: 6742917
Conc: 48.31 ug/ml



#12 1-chlorooctadecane (SURR)

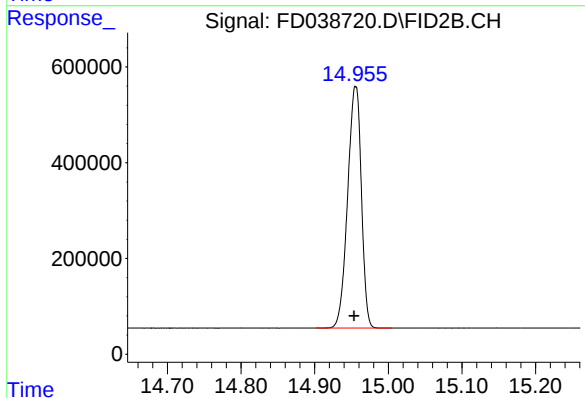
R.T.: 13.106 min
Delta R.T.: 0.002 min
Response: 5667658
Conc: 48.51 ug/ml



#13 n-Docosane (C22)

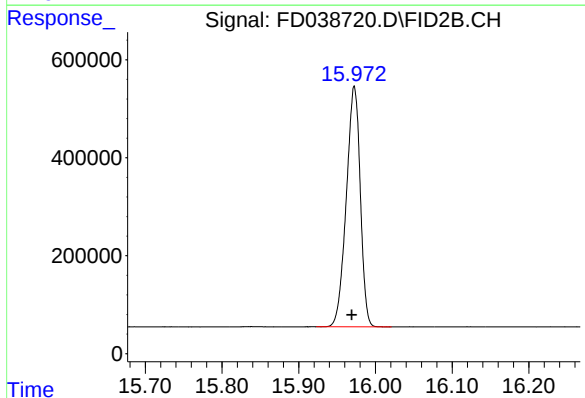
R.T.: 13.856 min
Delta R.T.: 0.003 min
Response: 6646705
Conc: 48.49 ug/ml

Instrument :
FID_D
ClientSampleId :



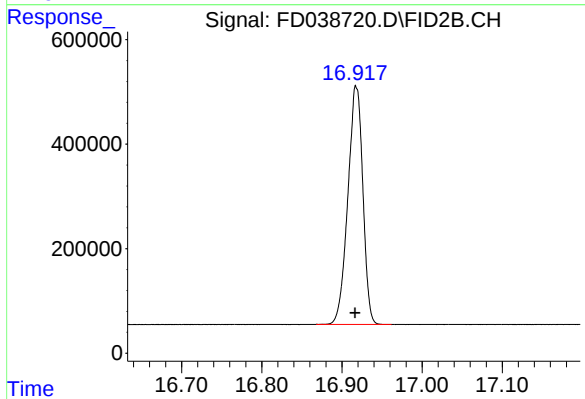
#14 n-Tetracosane (C24)

R.T.: 14.956 min
Delta R.T.: 0.002 min
Response: 6535731
Conc: 48.66 ug/ml



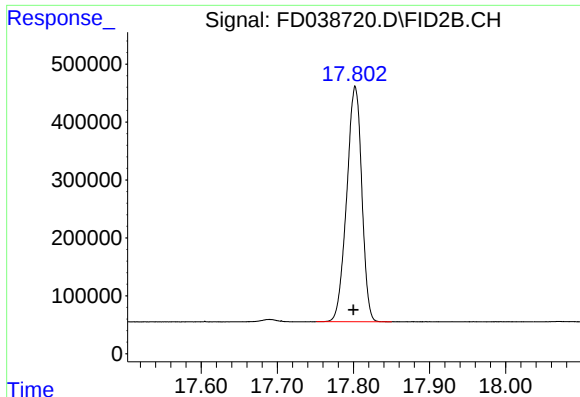
#15 n-Hexacosane (C26)

R.T.: 15.972 min
Delta R.T.: 0.004 min
Response: 6220942
Conc: 48.80 ug/ml



#16 n-Octacosane (C28)

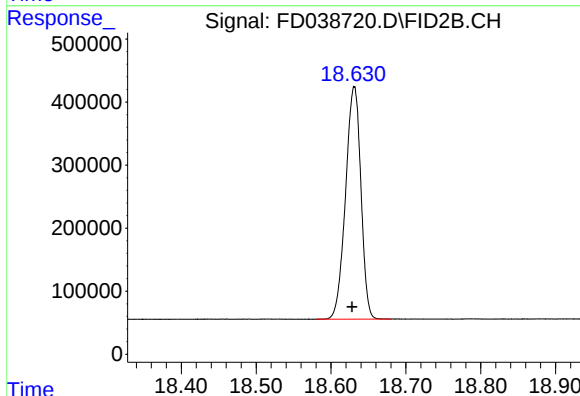
R.T.: 16.918 min
Delta R.T.: 0.001 min
Response: 5932549
Conc: 48.90 ug/ml



#17 n-Tricontane (C30)

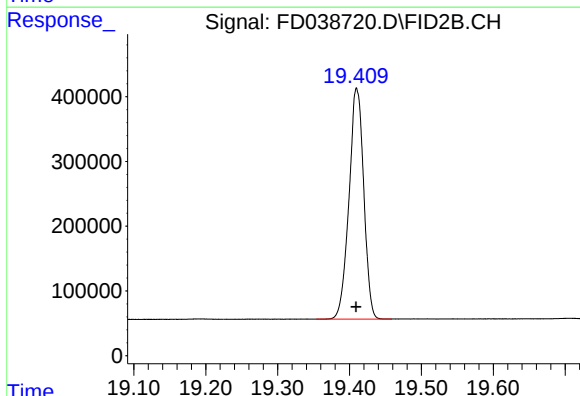
R.T.: 17.802 min
Delta R.T.: 0.002 min
Response: 5600643
Conc: 48.75 ug/ml

Instrument :
FID_D
ClientSampleId :



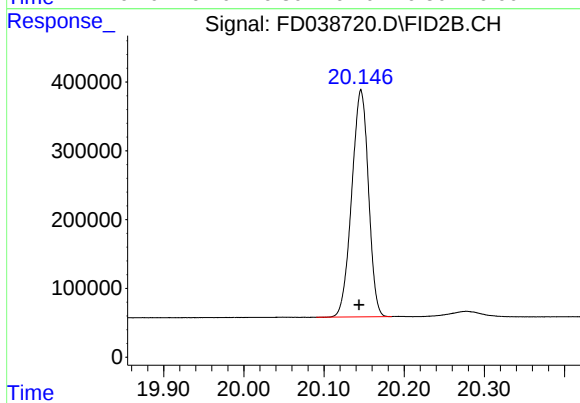
#18 n-Dotriacontane (C32)

R.T.: 18.631 min
Delta R.T.: 0.003 min
Response: 5250044
Conc: 48.75 ug/ml



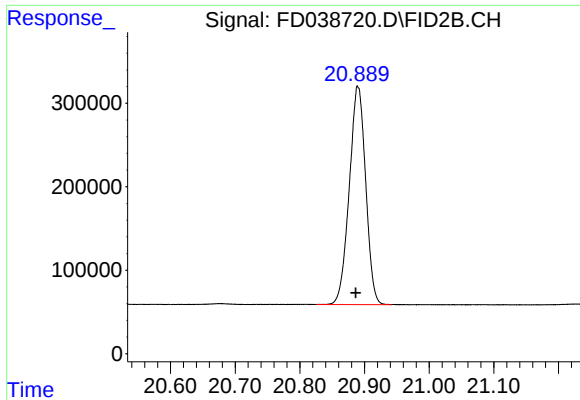
#19 n-Tetratriacontane (C34)

R.T.: 19.410 min
Delta R.T.: 0.000 min
Response: 5066870
Conc: 48.61 ug/ml



#20 n-Hexatriacontane (C36)

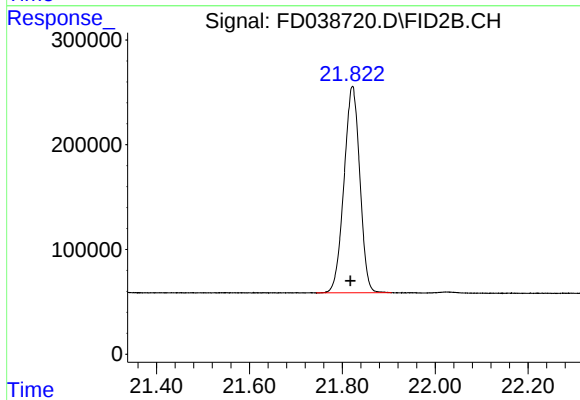
R.T.: 20.146 min
Delta R.T.: 0.003 min
Response: 4781801
Conc: 48.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.890 min
Delta R.T.: 0.003 min
Response: 4599893
Conc: 48.73 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.822 min
Delta R.T.: 0.005 min
Response: 4664111
Conc: 49.10 ug/ml