

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022120AL\
 Data File : FD032363.D
 Signal(s) : FID2B.CH
 Acq On : 21 Feb 2020 11:22
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 21 21:44:31 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 020420.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 05 06:50:50 2020
 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)	11.520	2736767	17.960 ug/ml
Spiked Amount 50.000		Recovery =	35.92%
12) S 1-chlorooctadecane (S...	12.952	2080819	17.624 ug/ml
Spiked Amount 50.000		Recovery =	35.25%
Target Compounds			
1) T n-Nonane (C9)	3.321	2032902	15.024 ug/ml
2) T n-Decane (C10)	4.383	2582907	19.071 ug/ml
3) T A~Naphthalene (C11.7)	5.959	2861406	18.740 ug/ml
4) T n-Dodecane (C12)	6.392	2606200	19.052 ug/ml
5) T A~2-methylnaphthalene...	7.011	2820695	18.345 ug/ml
6) T n-Tetradecane (C14)	8.179	2591394	18.778 ug/ml
7) T n-Hexadecane (C16)	9.772	2576187	18.698 ug/ml
8) T n-Octadecane (C18)	11.206	2546491	18.409 ug/ml
10) T n-Eicosane (C20)	12.509	2486984	17.957 ug/ml
11) T n-Heneicosane (C21)	13.118	2466380	17.638 ug/ml
13) T n-Docosane (C22)	13.702	2426300	17.489 ug/ml
14) T n-Tetracosane (C24)	14.801	2377820	17.128 ug/ml
15) T n-Hexacosane (C26)	15.816	2332915	17.044 ug/ml
16) T n-Octacosane (C28)	16.761	2289274	17.074 ug/ml
17) T n-Tricontane (C30)	17.644	2212502	17.196 ug/ml
18) T n-Dotriacontane (C32)	18.473	1893291	17.005 ug/ml
19) T n-Tetratriacontane (C34)	19.252	1600664	17.316 ug/ml
20) T n-Hexatriacontane (C36)	19.987	1435994	16.260 ug/ml
21) T n-Octatriacontane (C38)	20.704	1350224	17.512 ug/ml
22) T n-Tetracontane (C40)	21.569	1378356	15.564 ug/ml

(f)=RT Delta > 1/2 Window

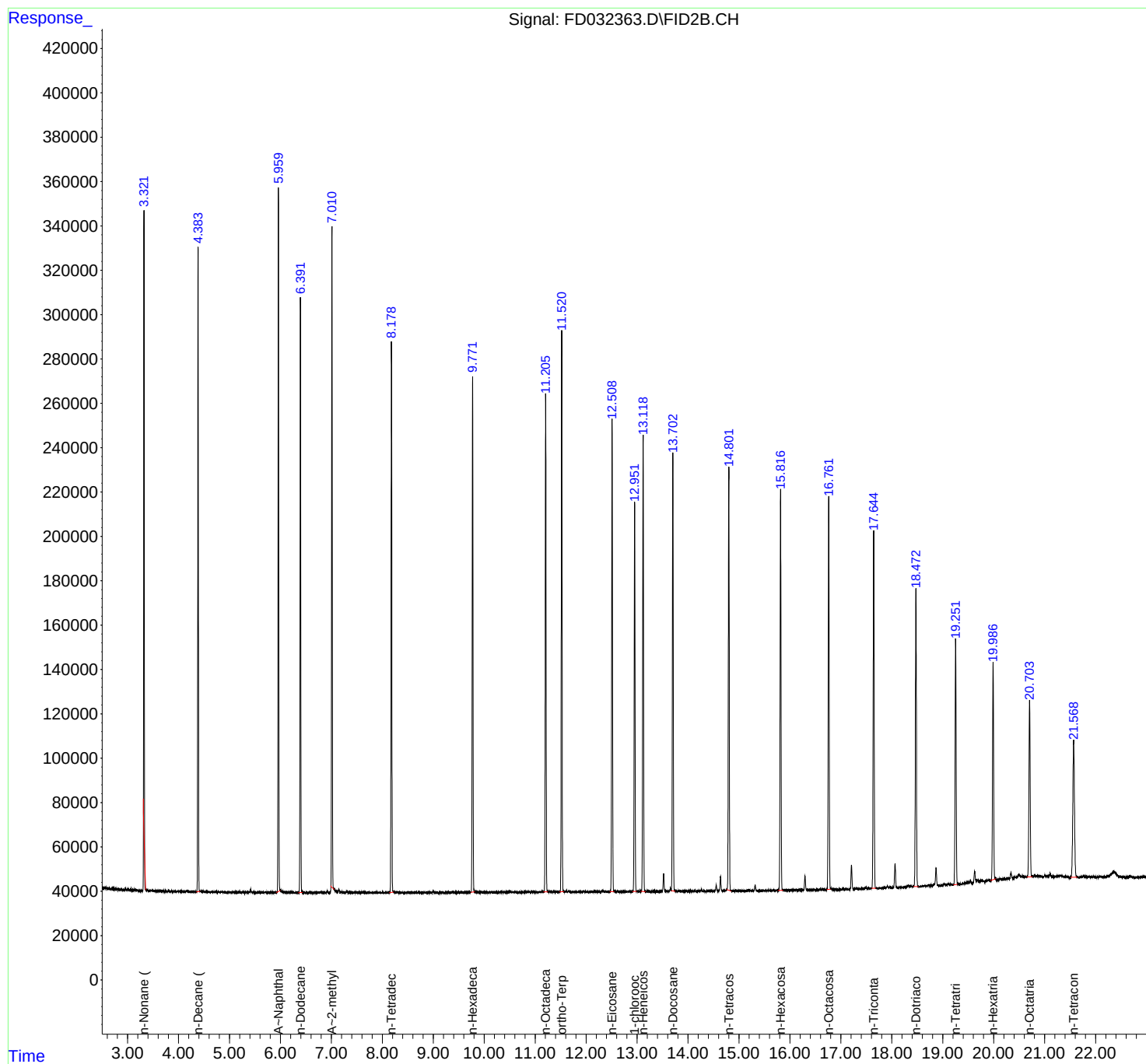
(m)=manual int.

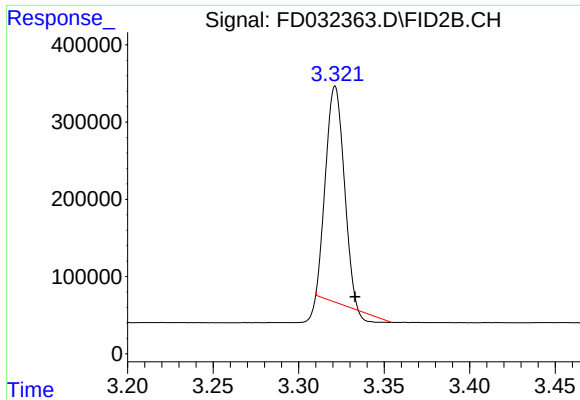
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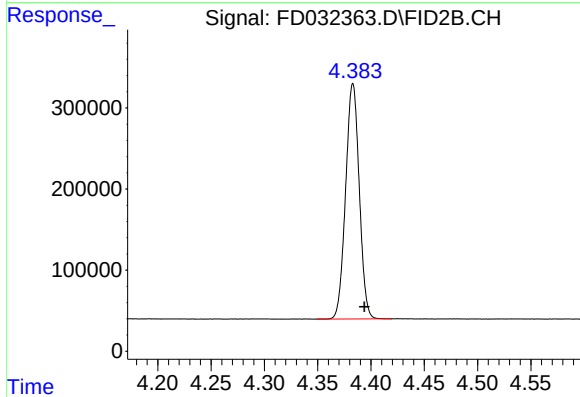




#1 n-Nonane (C9)

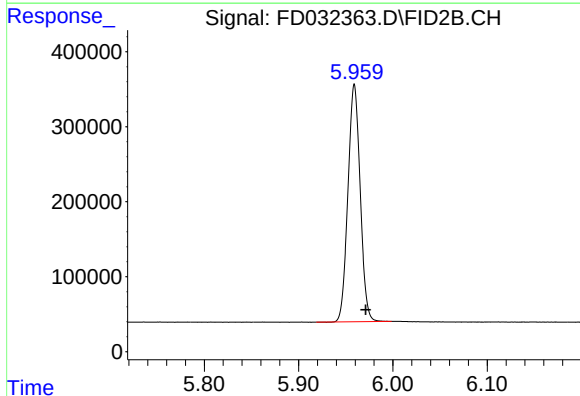
R.T.: 3.321 min
Delta R.T.: -0.012 min
Response: 2032902
Conc: 15.02 ug/ml

Instrument :
FID_D
ClientSampleId :



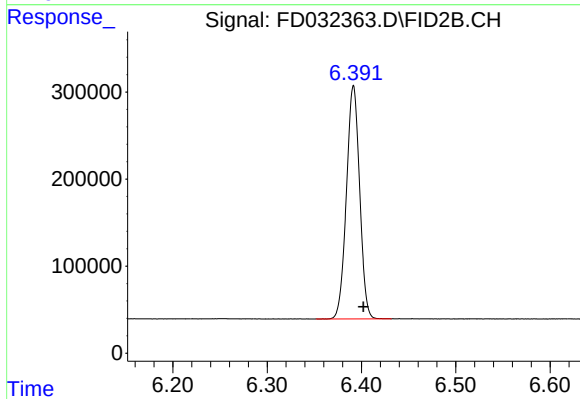
#2 n-Decane (C10)

R.T.: 4.383 min
Delta R.T.: -0.011 min
Response: 2582907
Conc: 19.07 ug/ml



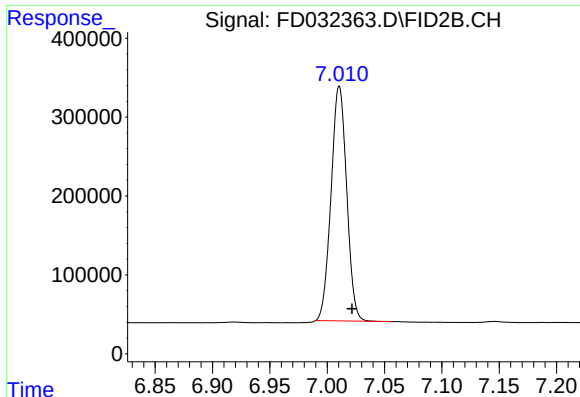
#3 A~Naphthalene (C11.7)

R.T.: 5.959 min
Delta R.T.: -0.012 min
Response: 2861406
Conc: 18.74 ug/ml



#4 n-Dodecane (C12)

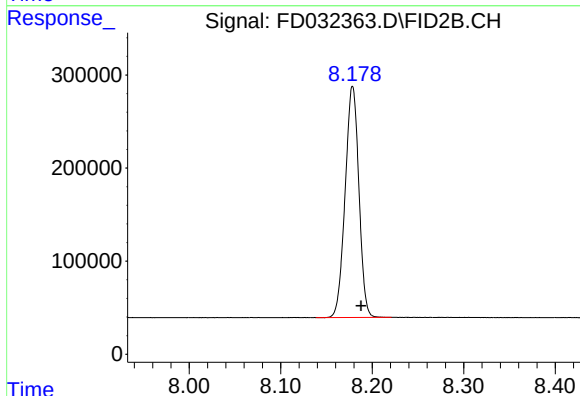
R.T.: 6.392 min
Delta R.T.: -0.010 min
Response: 2606200
Conc: 19.05 ug/ml



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

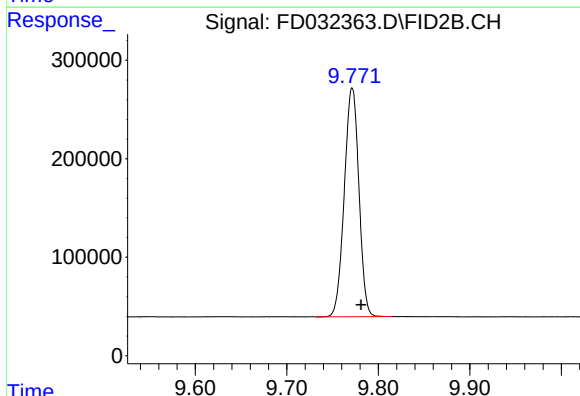
R.T.: 7.011 min
Delta R.T.: -0.011 min
Response: 2820695
Conc: 18.35 ug/ml

Instrument :
FID_D
ClientSampleId :



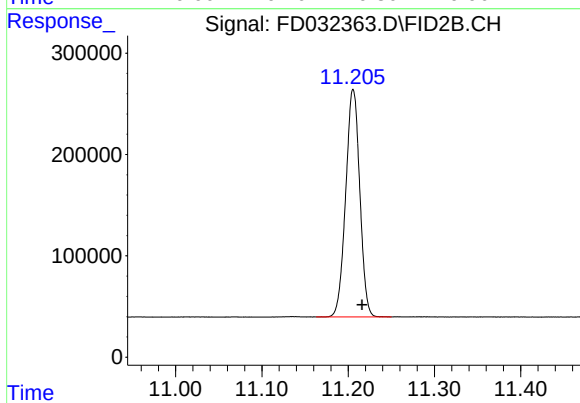
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: -0.009 min
Response: 2591394
Conc: 18.78 ug/ml



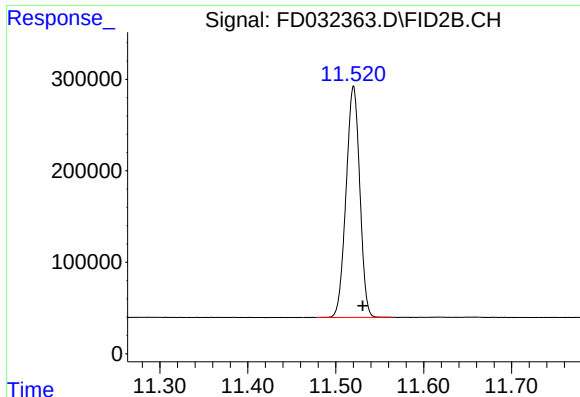
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: -0.009 min
Response: 2576187
Conc: 18.70 ug/ml



#8 n-Octadecane (C18)

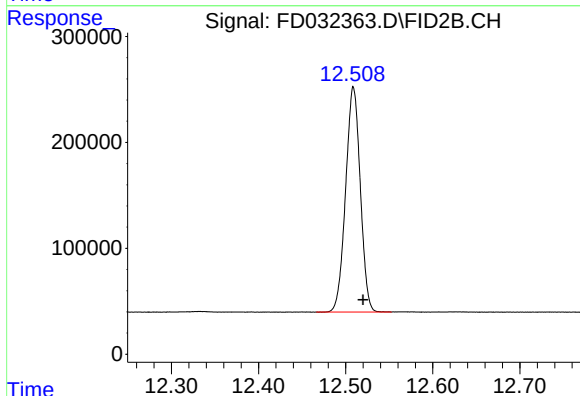
R.T.: 11.206 min
Delta R.T.: -0.010 min
Response: 2546491
Conc: 18.41 ug/ml



#9 ortho-Terphenyl (SURR)

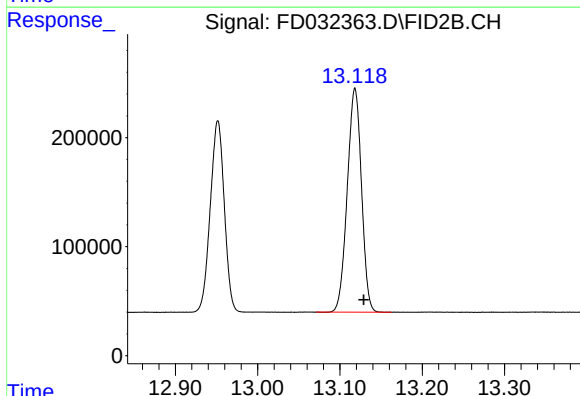
R.T.: 11.520 min
Delta R.T.: -0.010 min
Response: 2736767
Conc: 17.96 ug/ml

Instrument :
FID_D
ClientSampleId :



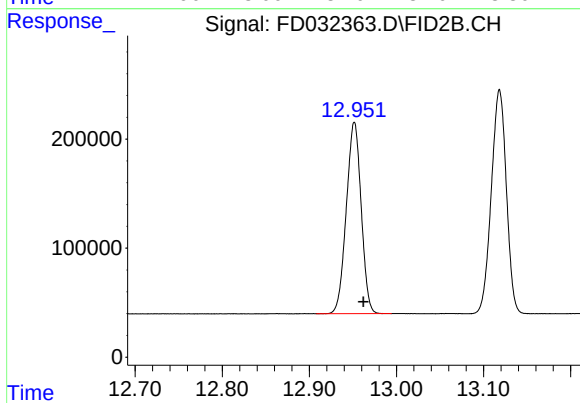
#10 n-Eicosane (C20)

R.T.: 12.509 min
Delta R.T.: -0.011 min
Response: 2486984
Conc: 17.96 ug/ml



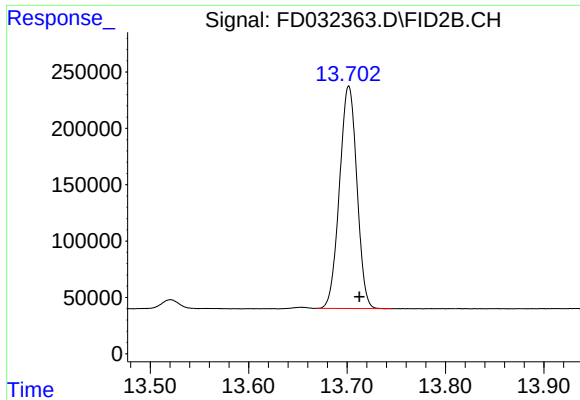
#11 n-Heneicosane (C21)

R.T.: 13.118 min
Delta R.T.: -0.011 min
Response: 2466380
Conc: 17.64 ug/ml



#12 1-chlorooctadecane (SURR)

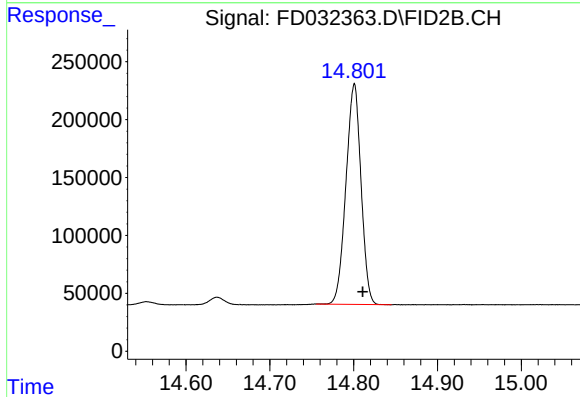
R.T.: 12.952 min
Delta R.T.: -0.010 min
Response: 2080819
Conc: 17.62 ug/ml



#13 n-Docosane (C22)

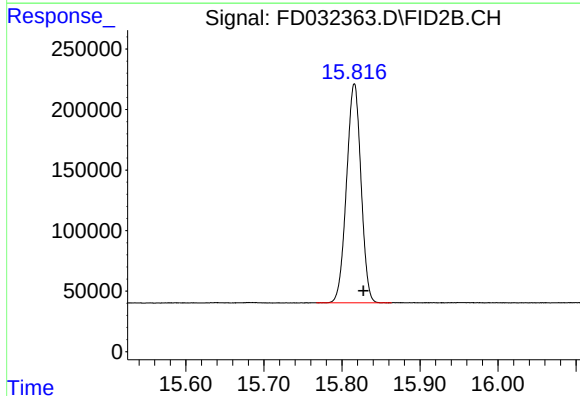
R.T.: 13.702 min
Delta R.T.: -0.011 min
Response: 2426300
Conc: 17.49 ug/ml

Instrument :
FID_D
ClientSampleId :



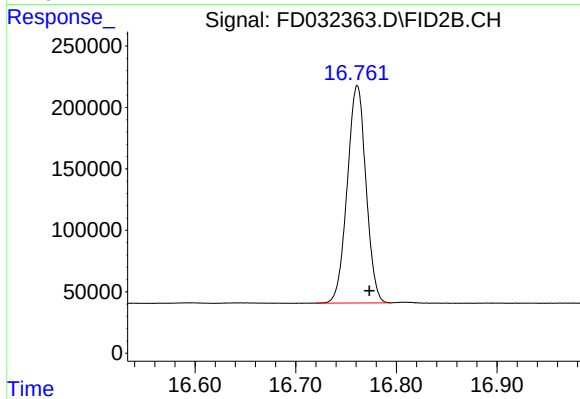
#14 n-Tetracosane (C24)

R.T.: 14.801 min
Delta R.T.: -0.010 min
Response: 2377820
Conc: 17.13 ug/ml



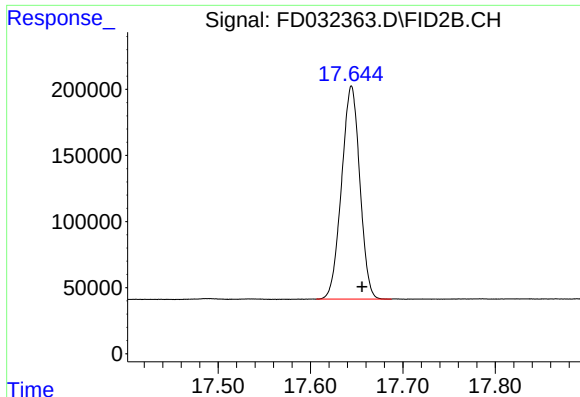
#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: -0.012 min
Response: 2332915
Conc: 17.04 ug/ml



#16 n-Octacosane (C28)

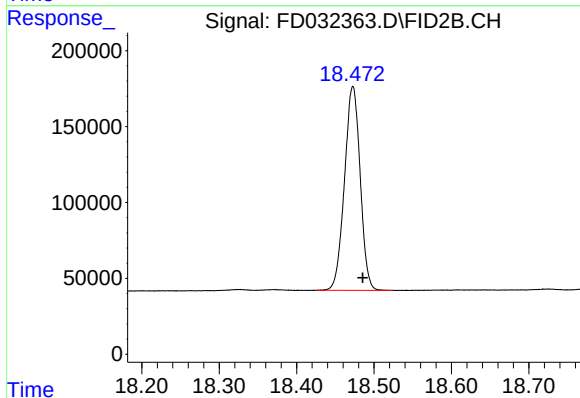
R.T.: 16.761 min
Delta R.T.: -0.012 min
Response: 2289274
Conc: 17.07 ug/ml



#17 n-Tricontane (C30)

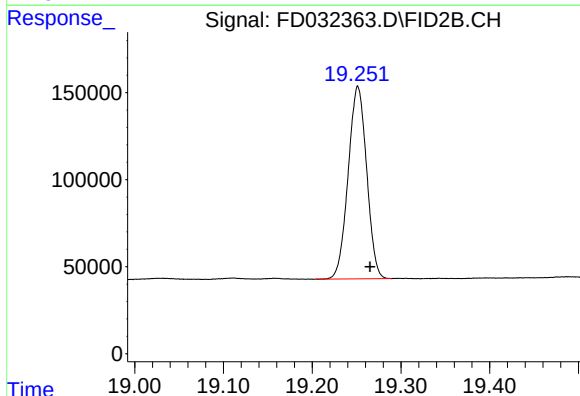
R.T.: 17.644 min
Delta R.T.: -0.012 min
Response: 2212502
Conc: 17.20 ug/ml

Instrument :
FID_D
ClientSampleId :



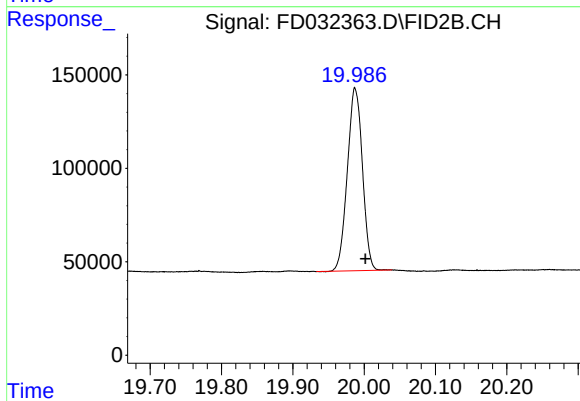
#18 n-Dotriacontane (C32)

R.T.: 18.473 min
Delta R.T.: -0.013 min
Response: 1893291
Conc: 17.00 ug/ml



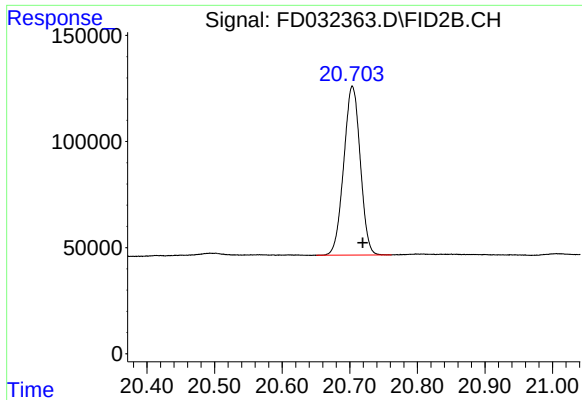
#19 n-Tetratriacontane (C34)

R.T.: 19.252 min
Delta R.T.: -0.014 min
Response: 1600664
Conc: 17.32 ug/ml



#20 n-Hexatriacontane (C36)

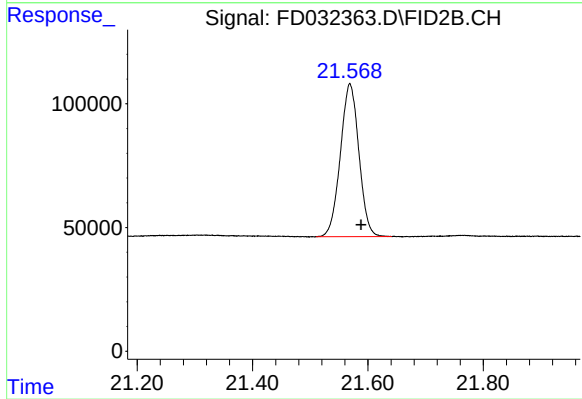
R.T.: 19.987 min
Delta R.T.: -0.015 min
Response: 1435994
Conc: 16.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.704 min
Delta R.T.: -0.015 min
Response: 1350224
Conc: 17.51 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.569 min
Delta R.T.: -0.019 min
Response: 1378356
Conc: 15.56 ug/ml