

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011922AL\
 Data File : FD040674.D
 Signal(s) : FID2B.CH
 Acq On : 19 Jan 2022 14:29
 Operator : AJ\MA
 Sample : N1182-01
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 20 01:37:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 2022
 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)	10.608	4559829	29.573 ug/ml
Spiked Amount 50.000		Recovery =	59.15%
12) S 1-chlorooctadecane (S...	12.089	326342	2.773 ug/ml
Spiked Amount 50.000		Recovery =	5.55%
Target Compounds			
4) T n-Dodecane (C12)	5.515	72053	0.564 ug/ml
6) T n-Tetradecane (C14)	7.289	138292	1.068 ug/ml
7) T n-Hexadecane (C16)	8.875	128893	0.989 ug/ml
8) T n-Octadecane (C18)	10.306	136979	1.011 ug/ml
10) T n-Eicosane (C20)	11.631	556062	4.088 ug/ml
11) T n-Heneicosane (C21)	12.215	297318	2.147 ug/ml
13) T n-Docosane (C22)	12.796	411980	2.988 ug/ml
14) T n-Tetracosane (C24)	13.894	322685	2.308 ug/ml
15) T n-Hexacosane (C26)	14.910	480498	3.486 ug/ml
16) T n-Octacosane (C28)	15.890	115296	0.850 ug/ml
17) T n-Tricontane (C30)	16.742	596453	4.576 ug/ml
18) T n-Dotriacontane (C32)	17.572	674862	5.645 ug/ml
19) T n-Tetratriacontane (C34)	18.355	1078558	10.243 ug/ml
20) T n-Hexatriacontane (C36)	19.096	641537	6.331 ug/ml
21) T n-Octatriacontane (C38)	19.803	331644	3.712 ug/ml
22) T n-Tetracontane (C40)	20.617	366037	4.282 ug/ml

(f)=RT Delta > 1/2 Window

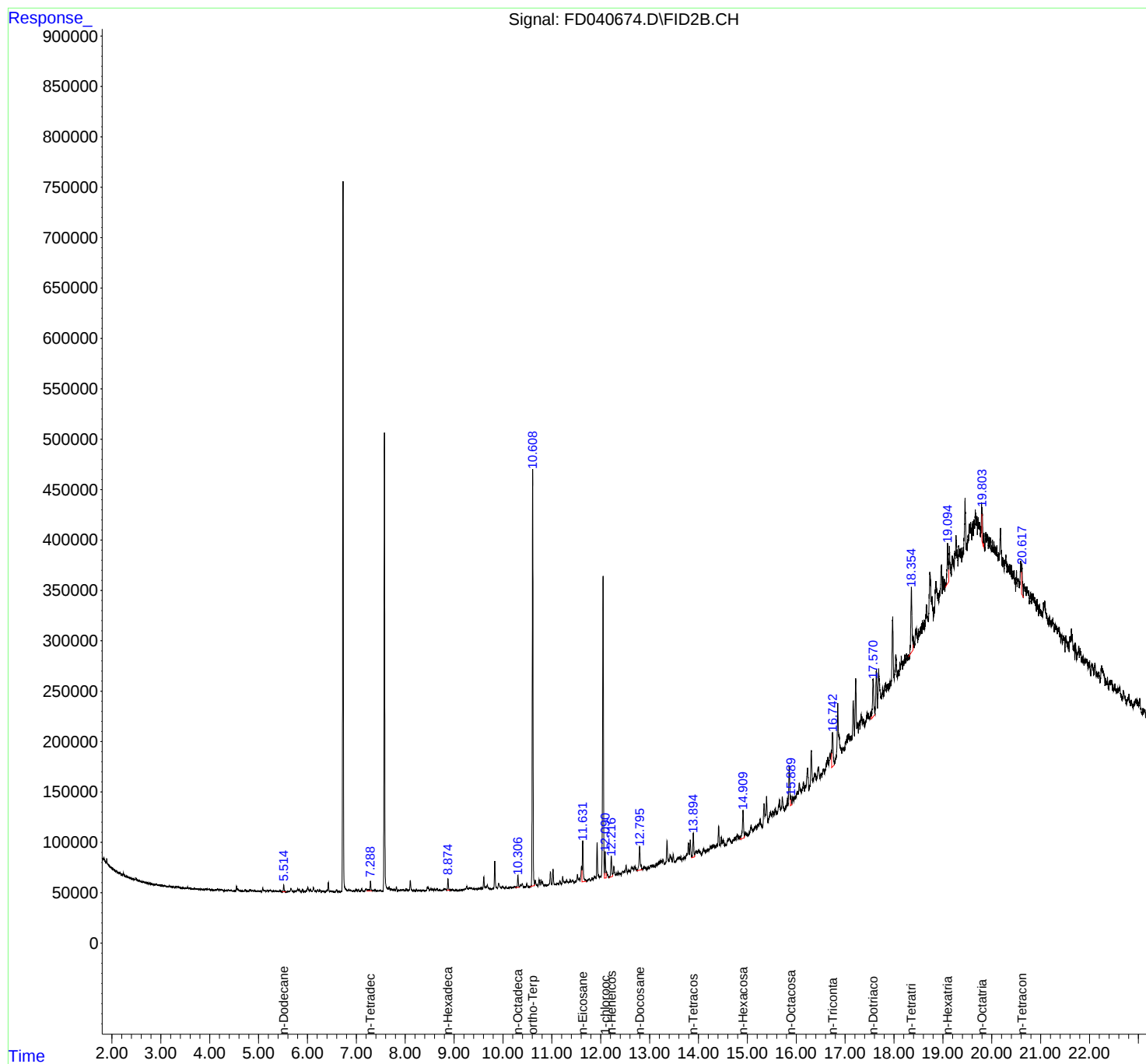
(m)=manual int.

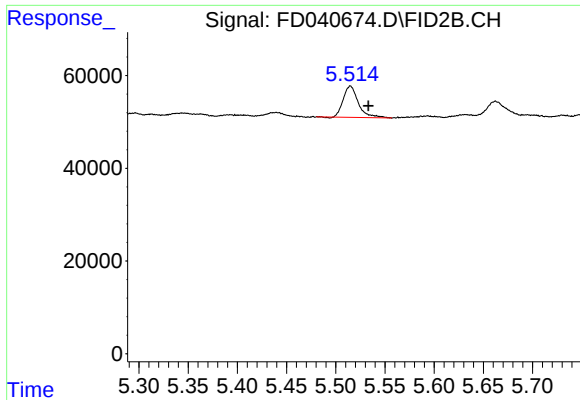
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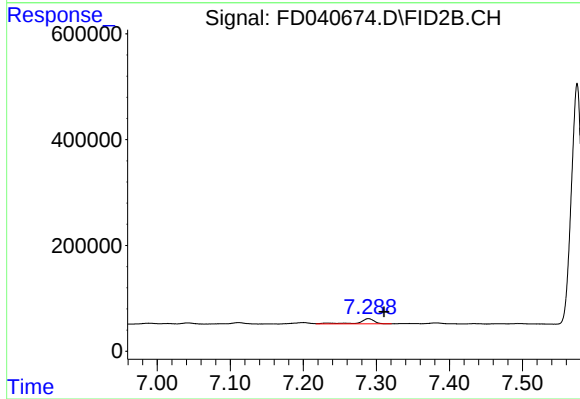




#4 n-Dodecane (C12)

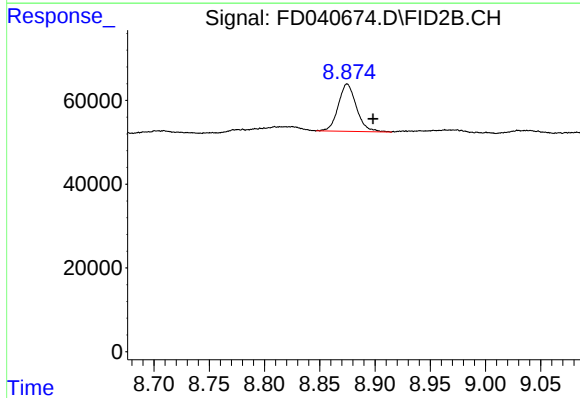
R.T.: 5.515 min
Delta R.T.: -0.018 min
Response: 72053
Conc: 0.56 ug/ml

Instrument :
FID_D
ClientSampleId :



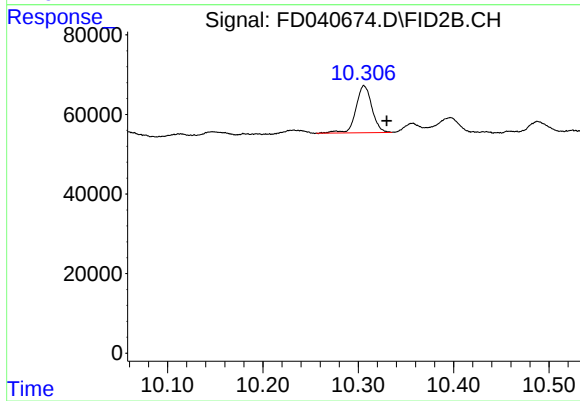
#6 n-Tetradecane (C14)

R.T.: 7.289 min
Delta R.T.: -0.021 min
Response: 138292
Conc: 1.07 ug/ml



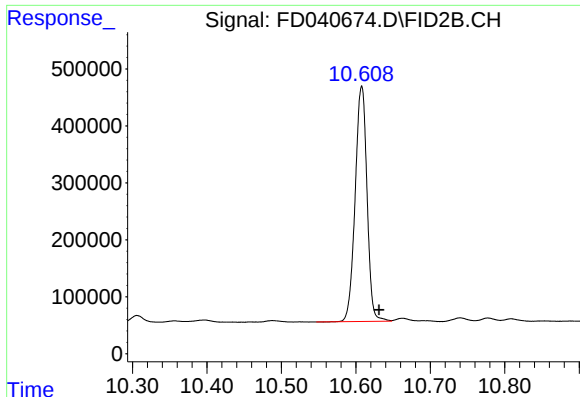
#7 n-Hexadecane (C16)

R.T.: 8.875 min
Delta R.T.: -0.024 min
Response: 128893
Conc: 0.99 ug/ml



#8 n-Octadecane (C18)

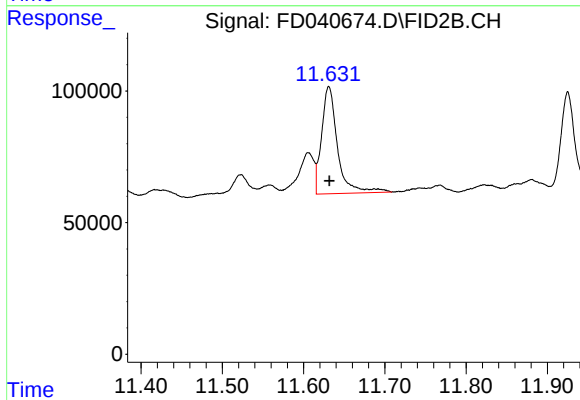
R.T.: 10.306 min
Delta R.T.: -0.024 min
Response: 136979
Conc: 1.01 ug/ml



#9 ortho-Terphenyl (SURR)

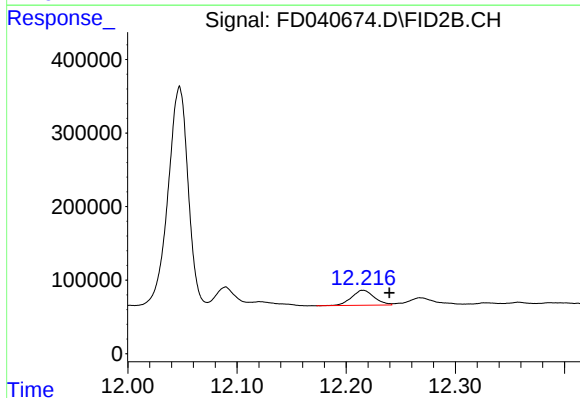
R.T.: 10.608 min
Delta R.T.: -0.023 min
Response: 4559829
Conc: 29.57 ug/ml

Instrument :
FID_D
ClientSampleId :



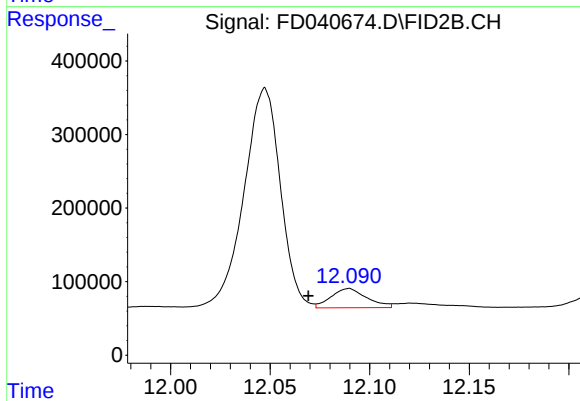
#10 n-Eicosane (C20)

R.T.: 11.631 min
Delta R.T.: 0.000 min
Response: 556062
Conc: 4.09 ug/ml



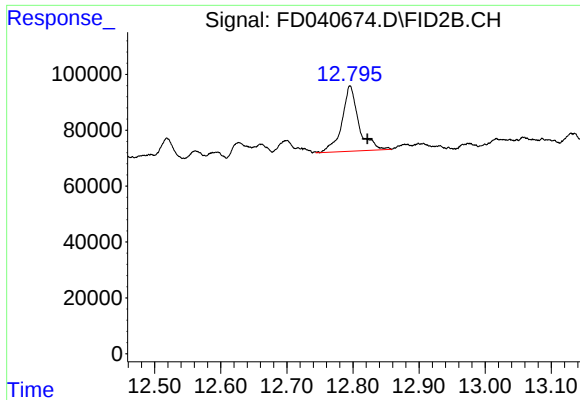
#11 n-Heneicosane (C21)

R.T.: 12.215 min
Delta R.T.: -0.024 min
Response: 297318
Conc: 2.15 ug/ml



#12 1-chlorooctadecane (SURR)

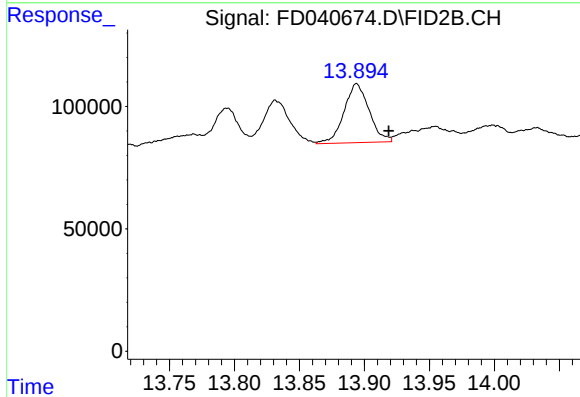
R.T.: 12.089 min
Delta R.T.: 0.020 min
Response: 326342
Conc: 2.77 ug/ml



#13 n-Docosane (C22)

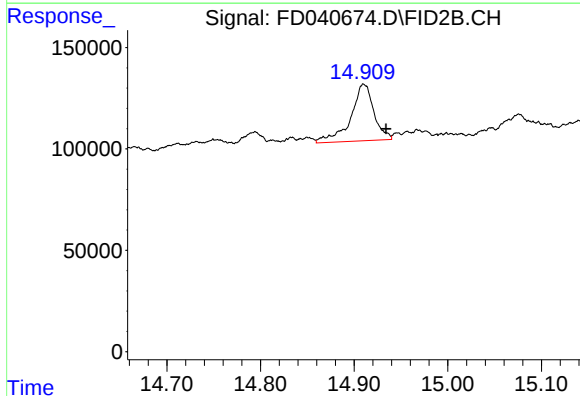
R.T.: 12.796 min
Delta R.T.: -0.026 min
Response: 411980
Conc: 2.99 ug/ml

Instrument :
FID_D
ClientSampleId :



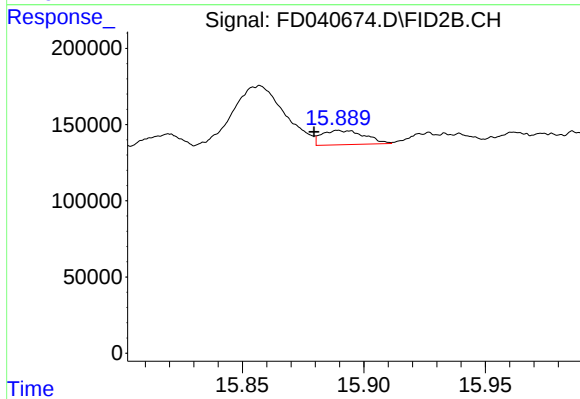
#14 n-Tetracosane (C24)

R.T.: 13.894 min
Delta R.T.: -0.025 min
Response: 322685
Conc: 2.31 ug/ml



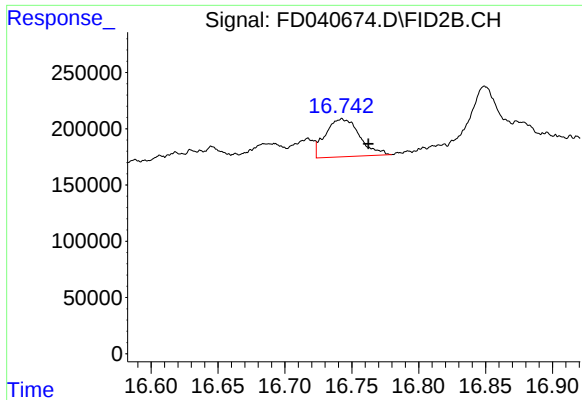
#15 n-Hexacosane (C26)

R.T.: 14.910 min
Delta R.T.: -0.024 min
Response: 480498
Conc: 3.49 ug/ml



#16 n-Octacosane (C28)

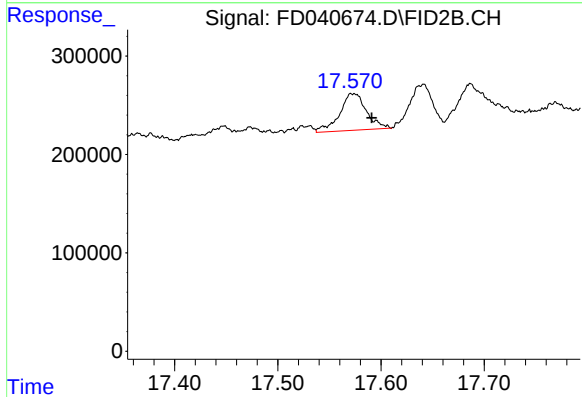
R.T.: 15.890 min
Delta R.T.: 0.010 min
Response: 115296
Conc: 0.85 ug/ml



#17 n-Tricontane (C30)

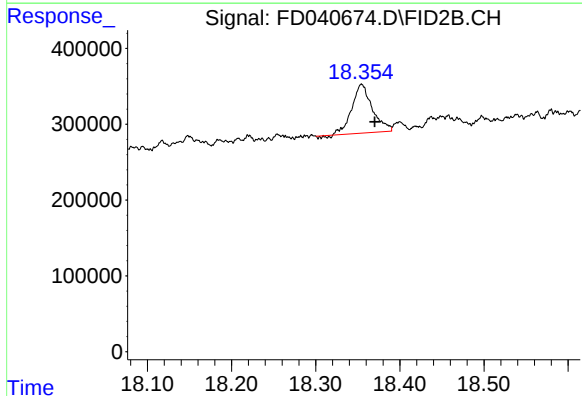
R.T.: 16.742 min
Delta R.T.: -0.020 min
Response: 596453
Conc: 4.58 ug/ml

Instrument :
FID_D
ClientSampleId :



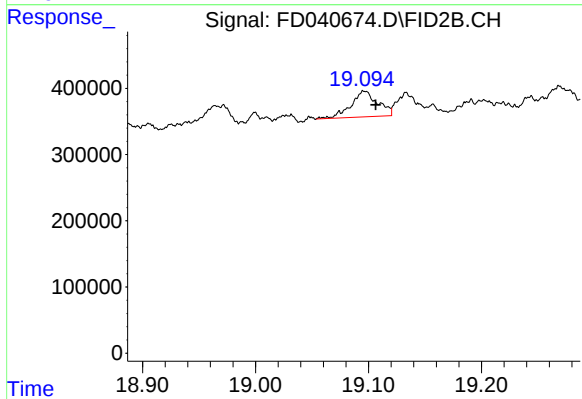
#18 n-Dotriacontane (C32)

R.T.: 17.572 min
Delta R.T.: -0.019 min
Response: 674862
Conc: 5.65 ug/ml



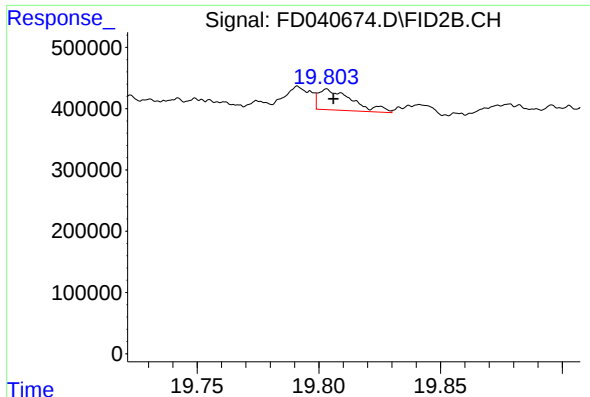
#19 n-Tetratriacontane (C34)

R.T.: 18.355 min
Delta R.T.: -0.016 min
Response: 1078558
Conc: 10.24 ug/ml



#20 n-Hexatriacontane (C36)

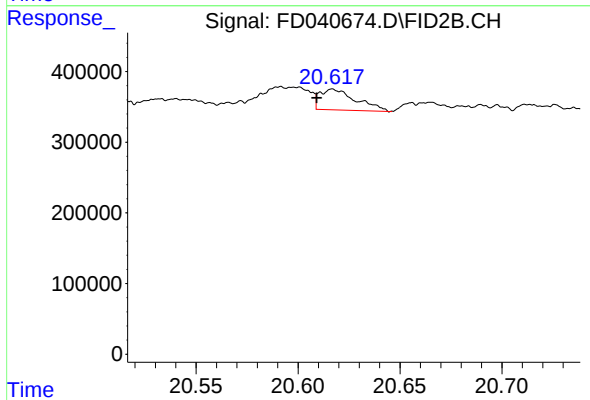
R.T.: 19.096 min
Delta R.T.: -0.010 min
Response: 641537
Conc: 6.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.803 min
Delta R.T.: -0.003 min
Response: 331644
Conc: 3.71 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.617 min
Delta R.T.: 0.008 min
Response: 366037
Conc: 4.28 ug/ml