

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051622AL\
 Data File : FD042480.D
 Signal(s) : FID2B.CH
 Acq On : 16 May 2022 18:41
 Operator : UA/NP
 Sample : N2851-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 16 20:50:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 22 01:55:29 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)	11.203	4485682	26.747 ug/ml
Spiked Amount 50.000		Recovery =	53.49%
12) S 1-chlorooctadecane (S...	12.644	3726471	28.240 ug/ml
Spiked Amount 50.000		Recovery =	56.48%
Target Compounds			
4) T n-Dodecane (C12)	6.116	142166	0.999 ug/ml
5) T A~2-methylnaphthalene...	6.766	37698	0.271 ug/ml
6) T n-Tetradecane (C14)	7.889	232480	1.632 ug/ml
7) T n-Hexadecane (C16)	9.474	358036	2.464 ug/ml
8) T n-Octadecane (C18)	10.904	477159	3.184 ug/ml
10) T n-Eicosane (C20)	12.203	769450	5.027 ug/ml
11) T n-Heneicosane (C21)	12.812	861479	5.588 ug/ml
13) T n-Docosane (C22)	13.395	994735	6.453 ug/ml
14) T n-Tetracosane (C24)	14.491	918836	5.941 ug/ml
15) T n-Hexacosane (C26)	15.508	1293190	8.407 ug/ml
16) T n-Octacosane (C28)	16.454	1628594	10.652 ug/ml
17) T n-Tricontane (C30)	17.341	1608771	10.725 ug/ml
18) T n-Dotriacontane (C32)	18.174	2037565	14.410 ug/ml
19) T n-Tetratriacontane (C34)	18.954	4318014	33.553 ug/ml
20) T n-Hexatriacontane (C36)	19.665	1416048	12.514 ug/ml
21) T n-Octatriacontane (C38)	20.368	1482394	14.857 ug/ml
22) T n-Tetracontane (C40)	21.148	125058	1.386 ug/ml

(f)=RT Delta > 1/2 Window

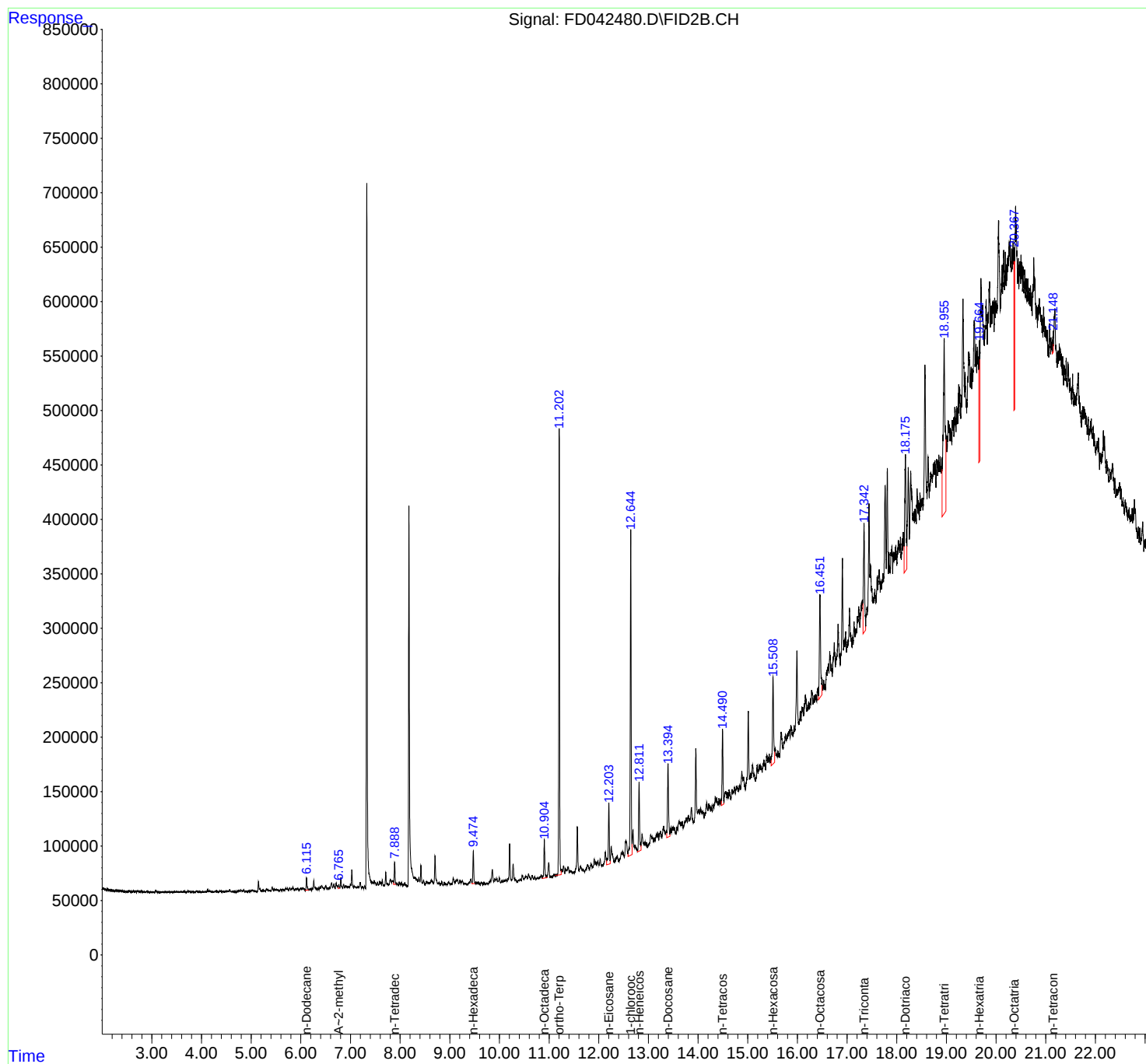
(m)=manual int.

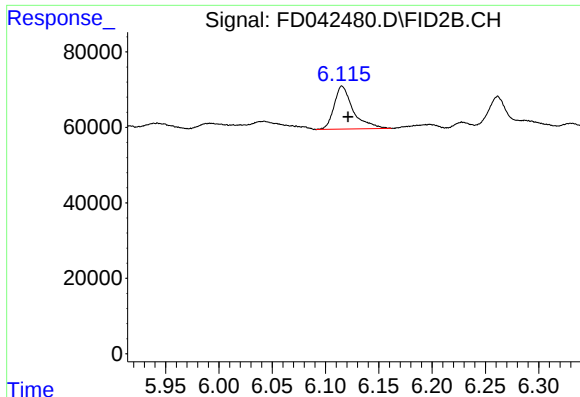
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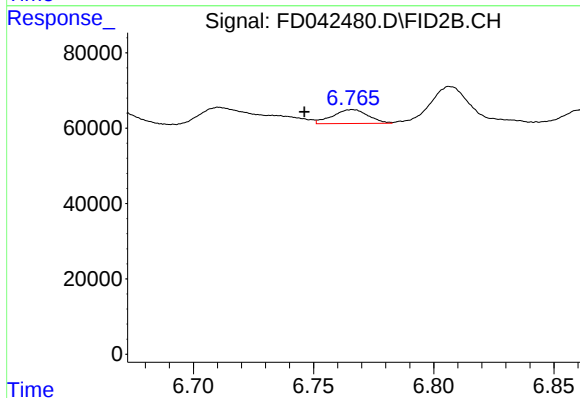




#4 n-Dodecane (C12)

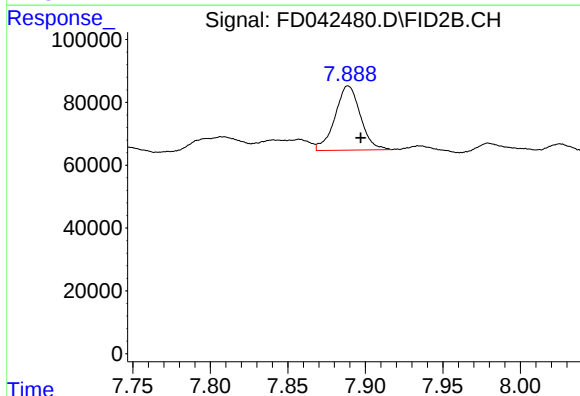
R.T.: 6.116 min
Delta R.T.: -0.006 min
Response: 142166
Conc: 1.00 ug/ml

Instrument :
FID_D
ClientSampleId :



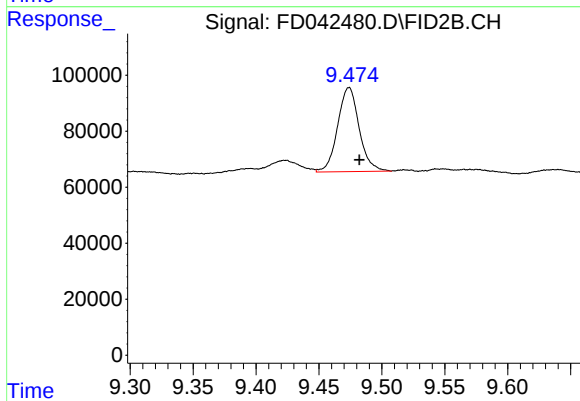
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.766 min
Delta R.T.: 0.020 min
Response: 37698
Conc: 0.27 ug/ml



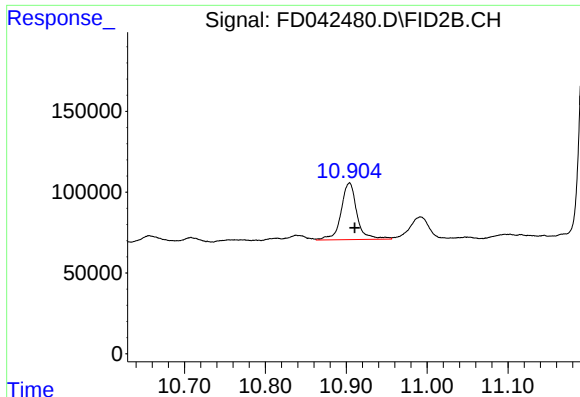
#6 n-Tetradecane (C14)

R.T.: 7.889 min
Delta R.T.: -0.008 min
Response: 232480
Conc: 1.63 ug/ml



#7 n-Hexadecane (C16)

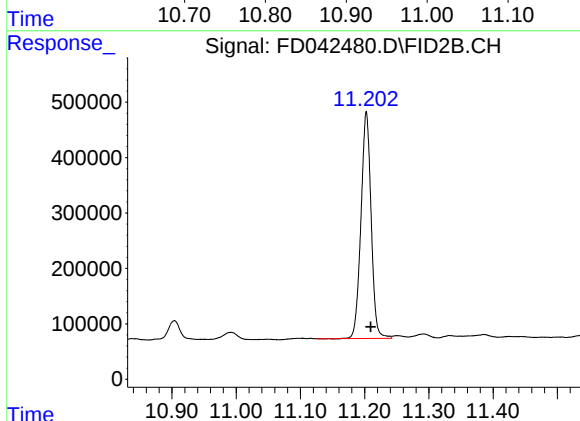
R.T.: 9.474 min
Delta R.T.: -0.008 min
Response: 358036
Conc: 2.46 ug/ml



#8 n-Octadecane (C18)

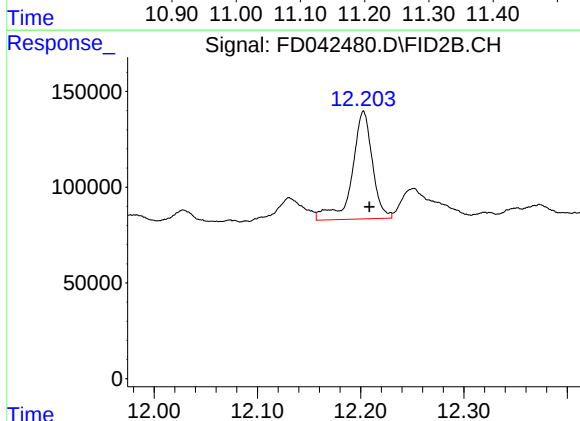
R.T.: 10.904 min
Delta R.T.: -0.006 min
Response: 477159
Conc: 3.18 ug/ml

Instrument :
FID_D
ClientSampleId :



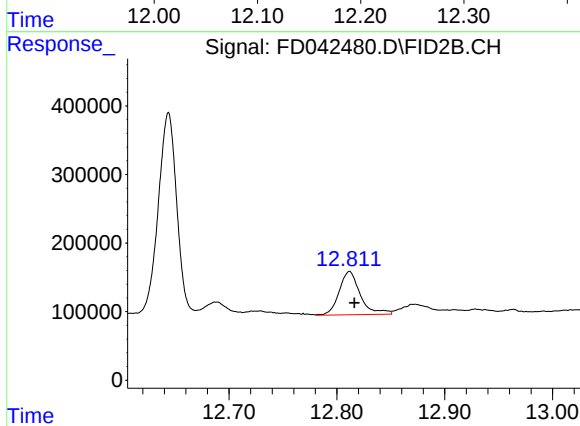
#9 ortho-Terphenyl (SURR)

R.T.: 11.203 min
Delta R.T.: -0.007 min
Response: 4485682
Conc: 26.75 ug/ml



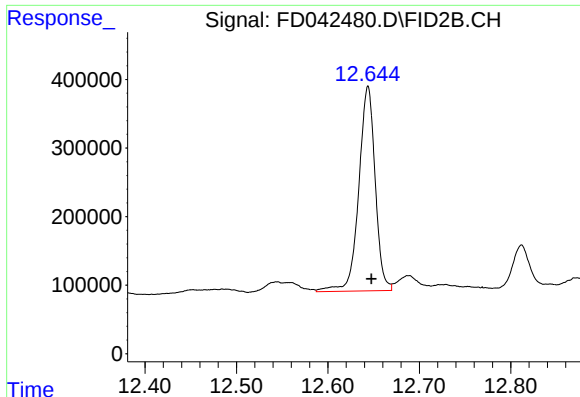
#10 n-Eicosane (C20)

R.T.: 12.203 min
Delta R.T.: -0.006 min
Response: 769450
Conc: 5.03 ug/ml



#11 n-Heneicosane (C21)

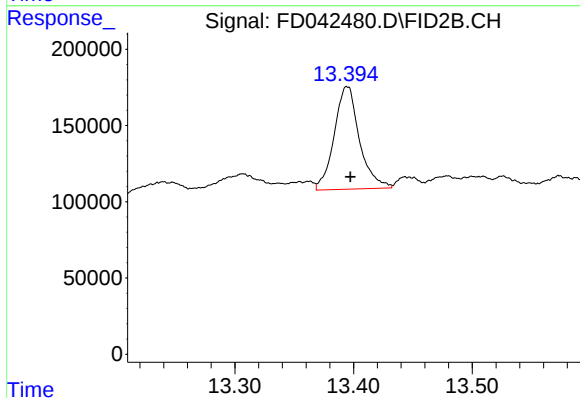
R.T.: 12.812 min
Delta R.T.: -0.004 min
Response: 861479
Conc: 5.59 ug/ml



#12 1-chlorooctadecane (SURR)

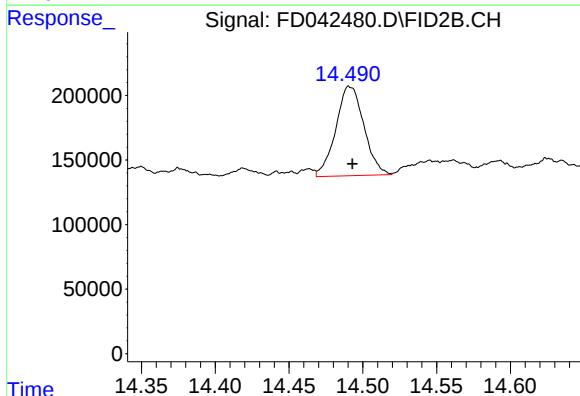
R.T.: 12.644 min
Delta R.T.: -0.004 min
Response: 3726471
Conc: 28.24 ug/ml

Instrument :
FID_D
ClientSampleId :



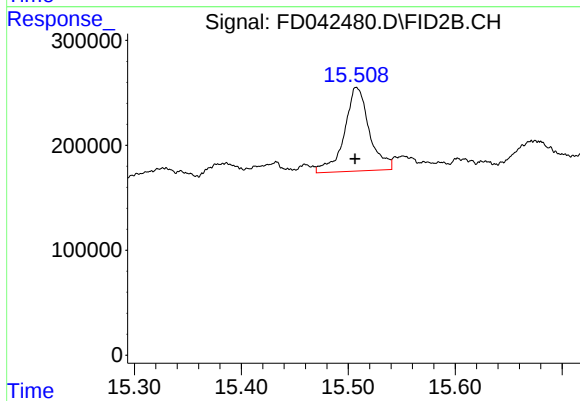
#13 n-Docosane (C22)

R.T.: 13.395 min
Delta R.T.: -0.003 min
Response: 994735
Conc: 6.45 ug/ml



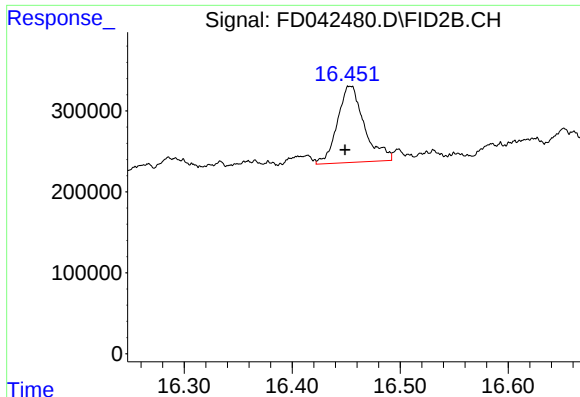
#14 n-Tetracosane (C24)

R.T.: 14.491 min
Delta R.T.: -0.002 min
Response: 918836
Conc: 5.94 ug/ml



#15 n-Hexacosane (C26)

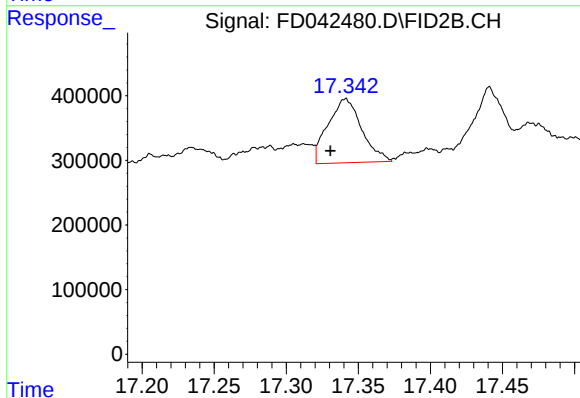
R.T.: 15.508 min
Delta R.T.: 0.001 min
Response: 1293190
Conc: 8.41 ug/ml



#16 n-Octacosane (C28)

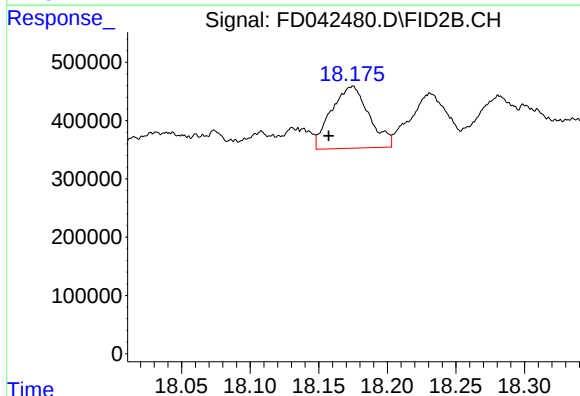
R.T.: 16.454 min
Delta R.T.: 0.005 min
Response: 1628594
Conc: 10.65 ug/ml

Instrument :
FID_D
ClientSampleId :



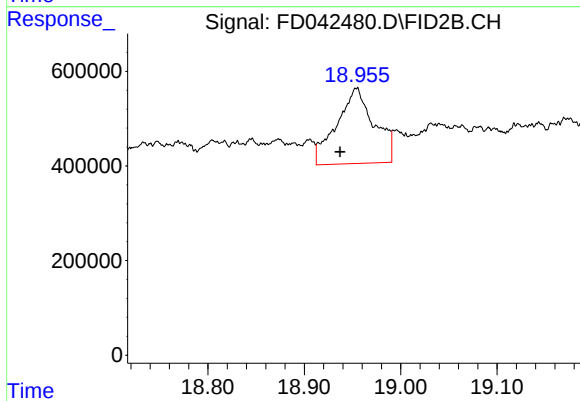
#17 n-Tricontane (C30)

R.T.: 17.341 min
Delta R.T.: 0.010 min
Response: 1608771
Conc: 10.73 ug/ml



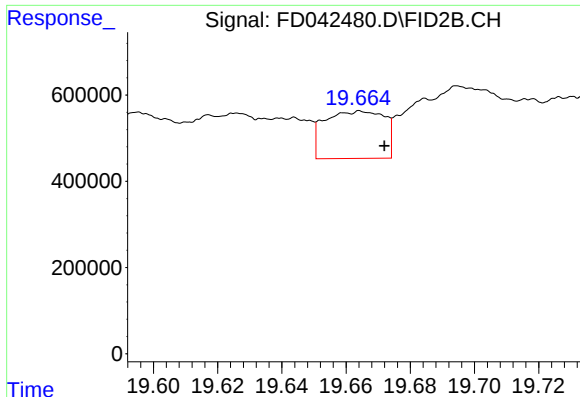
#18 n-Dotriacontane (C32)

R.T.: 18.174 min
Delta R.T.: 0.017 min
Response: 2037565
Conc: 14.41 ug/ml



#19 n-Tetratriacontane (C34)

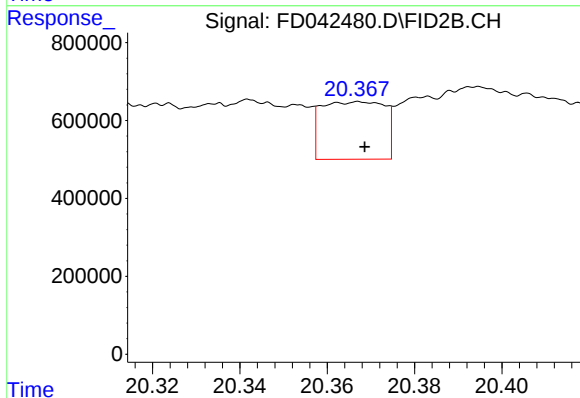
R.T.: 18.954 min
Delta R.T.: 0.017 min
Response: 4318014
Conc: 33.55 ug/ml



#20 n-Hexatriacontane (C36)

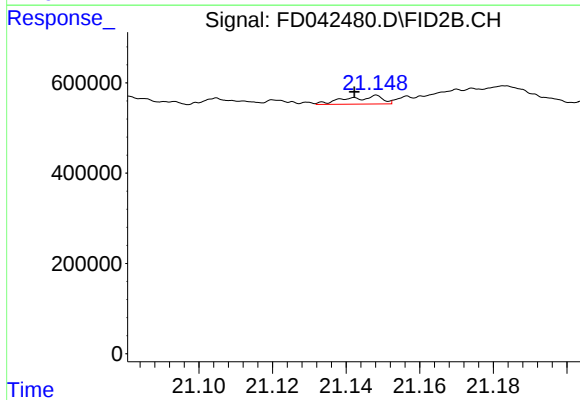
R.T.: 19.665 min
Delta R.T.: -0.007 min
Response: 1416048
Conc: 12.51 ug/ml

Instrument :
FID_D
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 20.368 min
Delta R.T.: 0.000 min
Response: 1482394
Conc: 14.86 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.148 min
Delta R.T.: 0.006 min
Response: 125058
Conc: 1.39 ug/ml