

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072121AL\
 Data File : FD038312.D
 Signal(s) : FID2B.CH
 Acq On : 21 Jul 2021 16:42
 Operator : AJ\MA
 Sample : FCS CHECK SOL 3
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 22 01:09:44 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:58:41 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			
12) S 1-chlorooctadecane (S...	12.843	1901814	16.681 ug/ml
Spiked Amount 50.000		Recovery =	33.36%
Target Compounds			
1) T n-Nonane (C9)	3.226	3074748	25.303 ug/ml
2) T n-Decane (C10)	4.282	4085072	33.399 ug/ml
4) T n-Dodecane (C12)	6.287	4986198	40.033 ug/ml
6) T n-Tetradecane (C14)	8.074	5126551	39.886 ug/ml
7) T n-Hexadecane (C16)	9.667	5213612	40.233 ug/ml
8) T n-Octadecane (C18)	11.101	5461168	40.551 ug/ml
10) T n-Eicosane (C20)	12.405	5228196	38.924 ug/ml
11) T n-Heneicosane (C21)	13.014	5227637	38.478 ug/ml
13) T n-Docosane (C22)	13.598	5090419	37.833 ug/ml
14) T n-Tetracosane (C24)	14.695	4990346	36.957 ug/ml
15) T n-Hexacosane (C26)	15.710	4739893	35.975 ug/ml
16) T n-Octacosane (C28)	16.655	4542785	34.840 ug/ml
17) T n-Tricontane (C30)	17.540	4419880	34.586 ug/ml
18) T n-Dotriacontane (C32)	18.368	4295542	34.910 ug/ml
19) T n-Tetratriacontane (C34)	19.147	4132769	35.292 ug/ml
20) T n-Hexatriacontane (C36)	19.884	3989588	36.532 ug/ml
21) T n-Octatriacontane (C38)	20.589	3823738	37.965 ug/ml
22) T n-Tetracontane (C40)	21.417	3896604	39.841 ug/ml

(f)=RT Delta > 1/2 Window

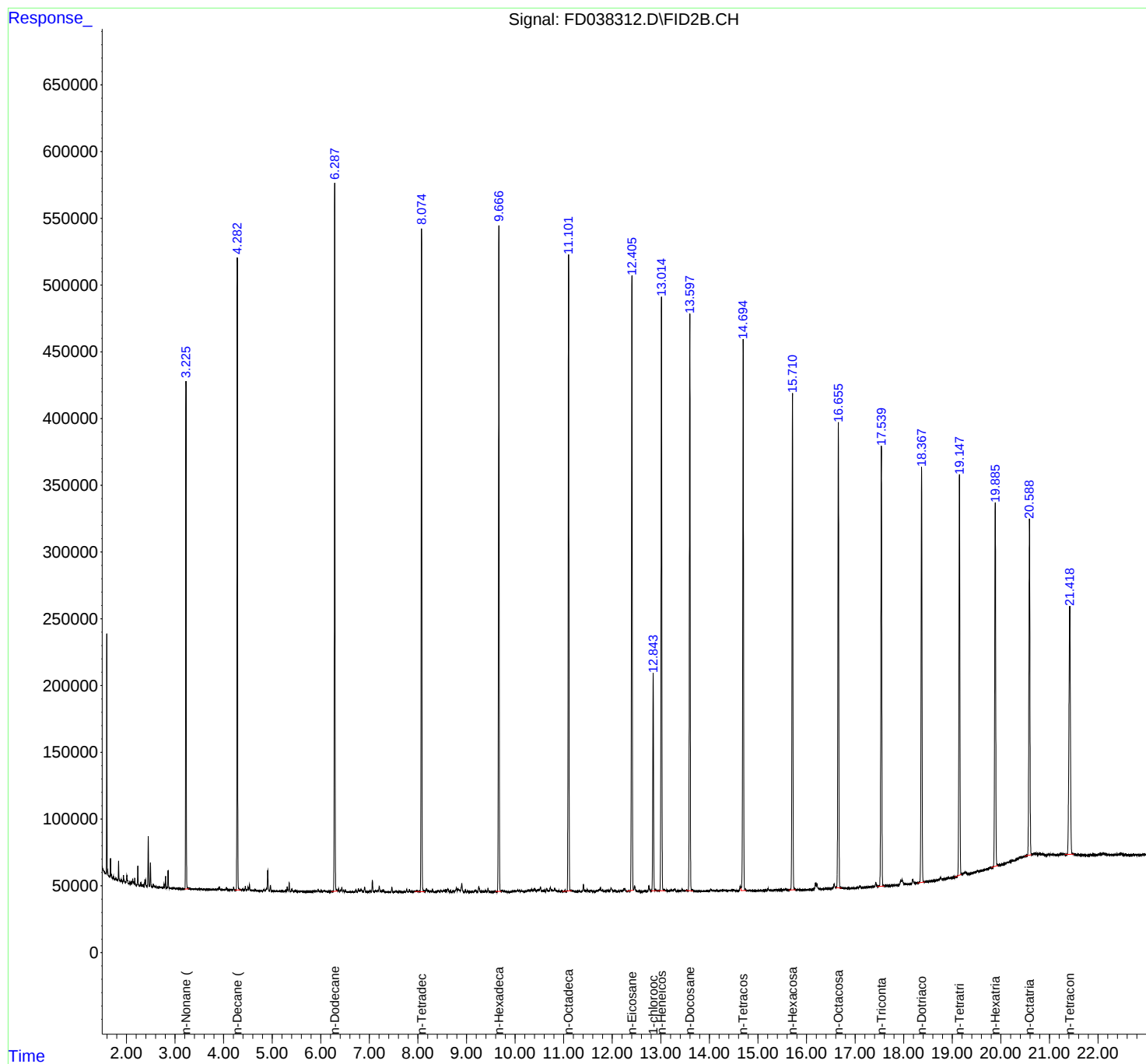
(m)=manual int.

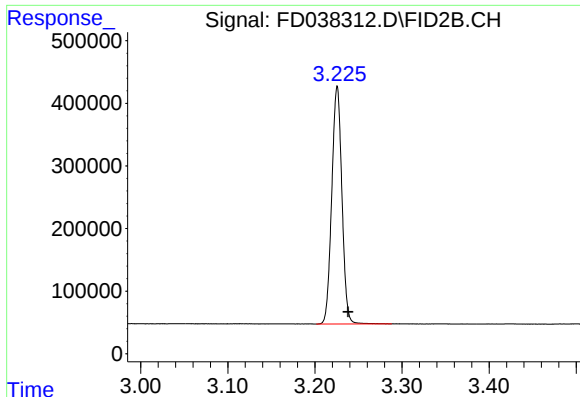
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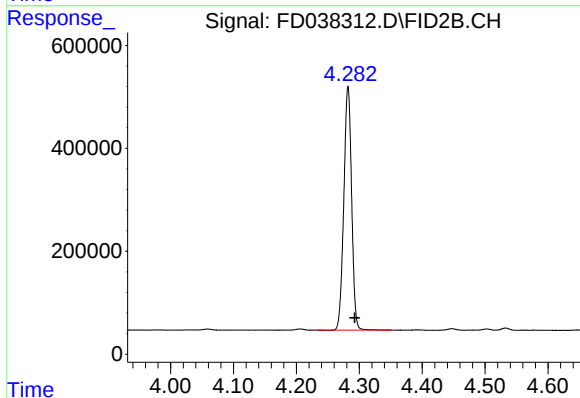




#1 n-Nonane (C9)

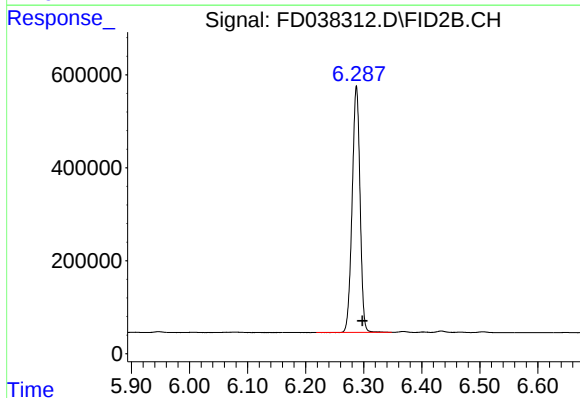
R.T.: 3.226 min
Delta R.T.: -0.012 min
Response: 3074748
Conc: 25.30 ug/ml

Instrument :
FID_D
ClientSampleId :



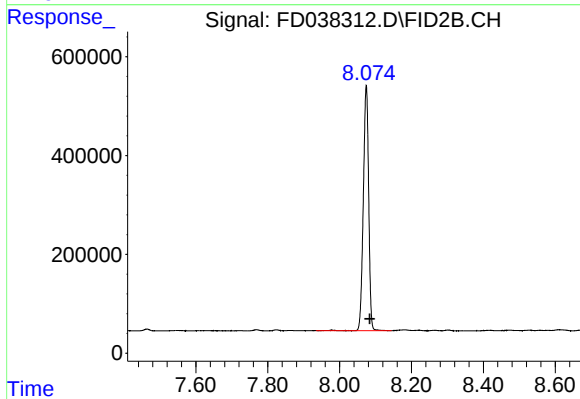
#2 n-Decane (C10)

R.T.: 4.282 min
Delta R.T.: -0.011 min
Response: 4085072
Conc: 33.40 ug/ml



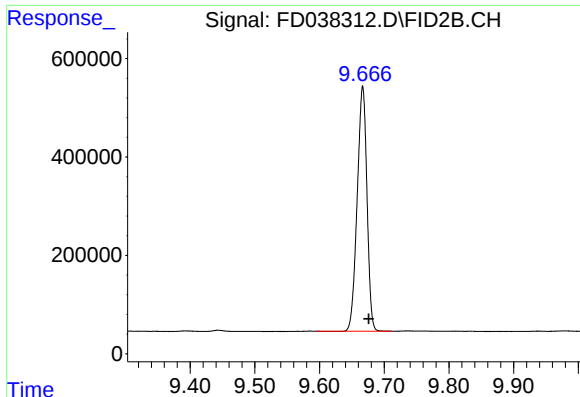
#4 n-Dodecane (C12)

R.T.: 6.287 min
Delta R.T.: -0.011 min
Response: 4986198
Conc: 40.03 ug/ml



#6 n-Tetradecane (C14)

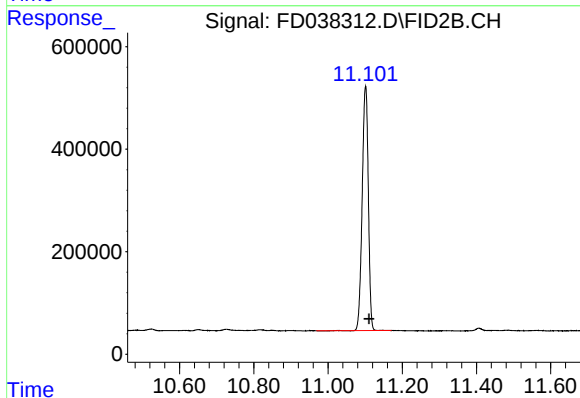
R.T.: 8.074 min
Delta R.T.: -0.010 min
Response: 5126551
Conc: 39.89 ug/ml



#7 n-Hexadecane (C16)

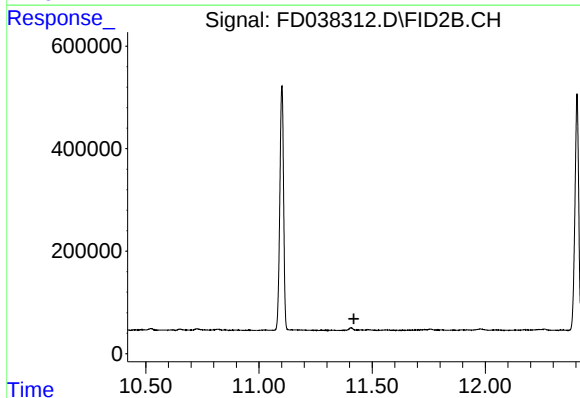
R.T.: 9.667 min
Delta R.T.: -0.010 min
Response: 5213612
Conc: 40.23 ug/ml

Instrument :
FID_D
ClientSampleId :



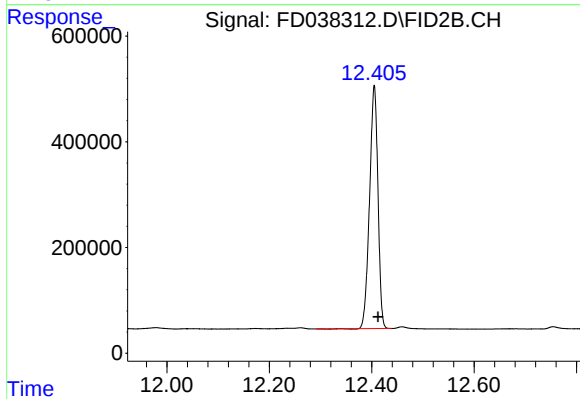
#8 n-Octadecane (C18)

R.T.: 11.101 min
Delta R.T.: -0.010 min
Response: 5461168
Conc: 40.55 ug/ml



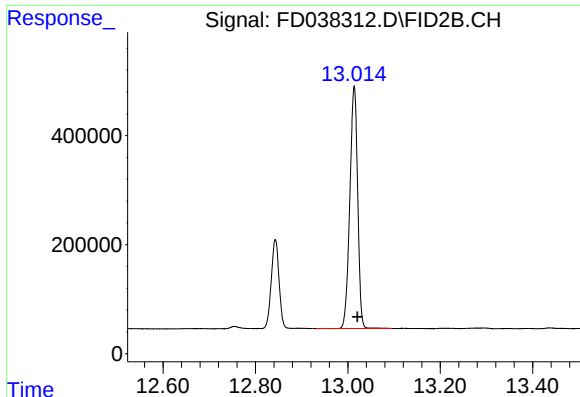
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.420 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

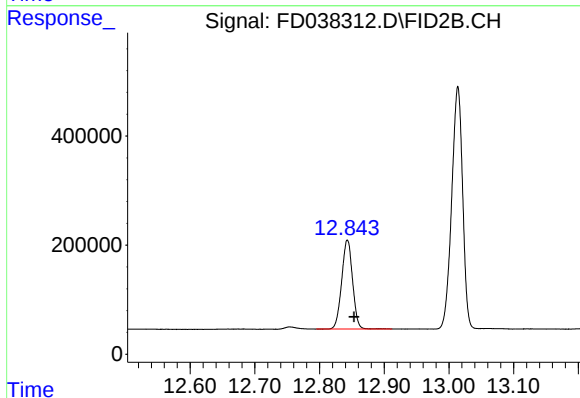
R.T.: 12.405 min
Delta R.T.: -0.008 min
Response: 5228196
Conc: 38.92 ug/ml



#11 n-Heneicosane (C21)

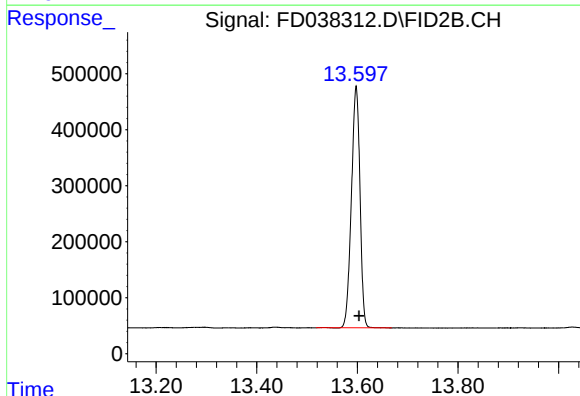
R.T.: 13.014 min
Delta R.T.: -0.007 min
Response: 5227637
Conc: 38.48 ug/ml

Instrument :
FID_D
ClientSampleId :



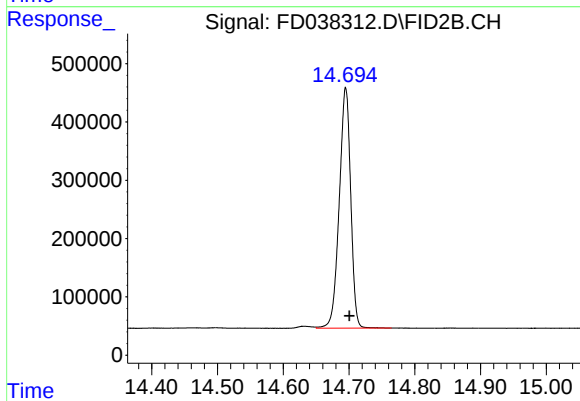
#12 1-chlorooctadecane (SURR)

R.T.: 12.843 min
Delta R.T.: -0.010 min
Response: 1901814
Conc: 16.68 ug/ml



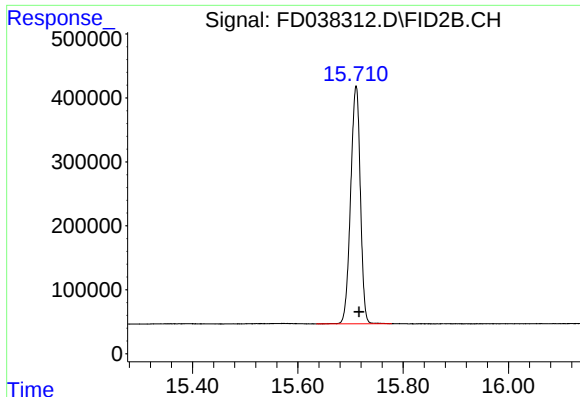
#13 n-Docosane (C22)

R.T.: 13.598 min
Delta R.T.: -0.006 min
Response: 5090419
Conc: 37.83 ug/ml



#14 n-Tetracosane (C24)

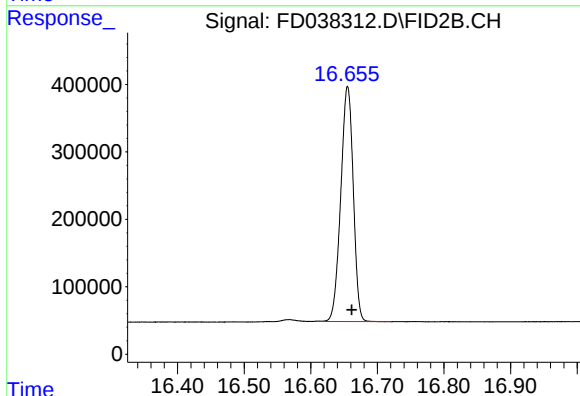
R.T.: 14.695 min
Delta R.T.: -0.006 min
Response: 4990346
Conc: 36.96 ug/ml



#15 n-Hexacosane (C26)

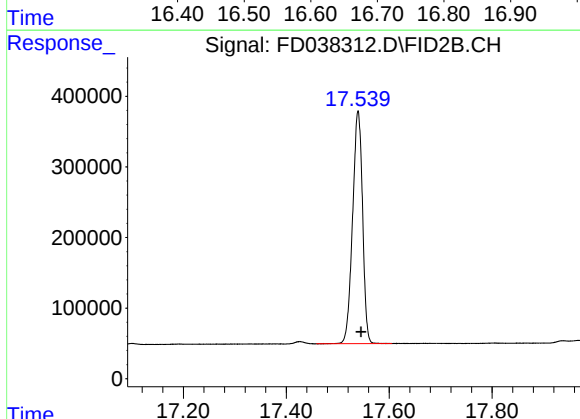
R.T.: 15.710 min
Delta R.T.: -0.006 min
Response: 4739893
Conc: 35.98 ug/ml

Instrument :
FID_D
ClientSampleId :



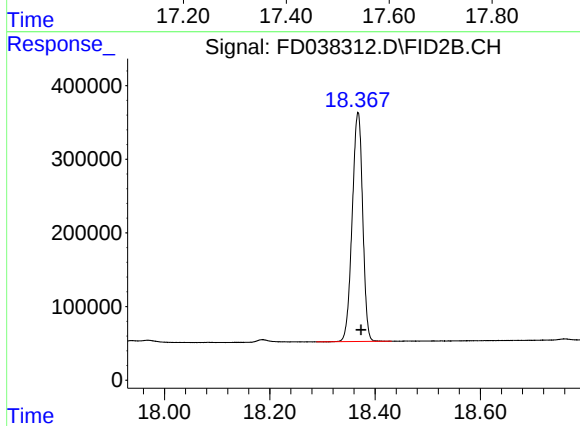
#16 n-Octacosane (C28)

R.T.: 16.655 min
Delta R.T.: -0.006 min
Response: 4542785
Conc: 34.84 ug/ml



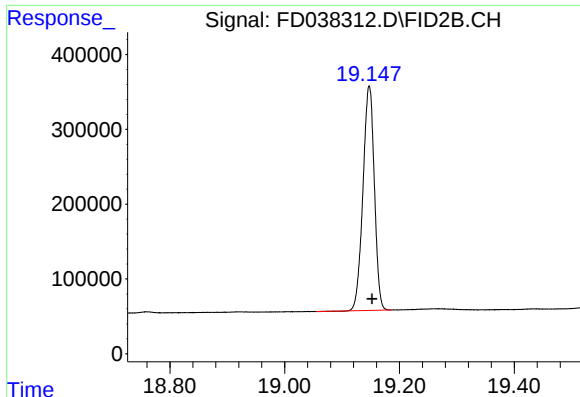
#17 n-Tricontane (C30)

R.T.: 17.540 min
Delta R.T.: -0.005 min
Response: 4419880
Conc: 34.59 ug/ml



#18 n-Dotriacontane (C32)

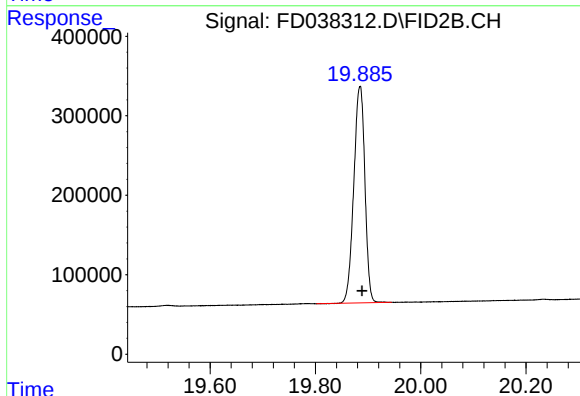
R.T.: 18.368 min
Delta R.T.: -0.006 min
Response: 4295542
Conc: 34.91 ug/ml



#19 n-Tetratriacontane (C34)

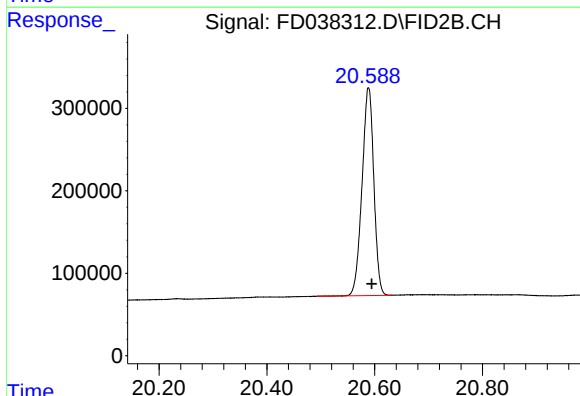
R.T.: 19.147 min
Delta R.T.: -0.005 min
Response: 4132769
Conc: 35.29 ug/ml

Instrument :
FID_D
ClientSampleId :



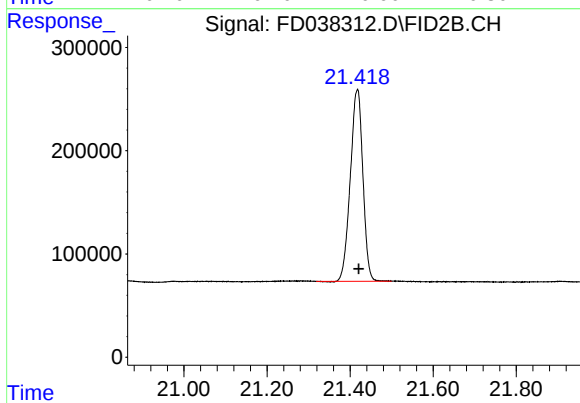
#20 n-Hexatriacontane (C36)

R.T.: 19.884 min
Delta R.T.: -0.004 min
Response: 3989588
Conc: 36.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.589 min
Delta R.T.: -0.006 min
Response: 3823738
Conc: 37.96 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.417 min
Delta R.T.: -0.003 min
Response: 3896604
Conc: 39.84 ug/ml