

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081721AL\
 Data File : FD038611.D
 Signal(s) : FID2B.CH
 Acq On : 18 Aug 2021 1:27
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 18 06:21:26 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 03:20:37 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)	11.363	3231778	23.676 ug/ml
Spiked Amount 50.000		Recovery =	47.35%
12) S 1-chlorooctadecane (S...	12.799	2536812	23.591 ug/ml
Spiked Amount 50.000		Recovery =	47.18%
Target Compounds			
1) T n-Nonane (C9)	3.190	2814626	23.975 ug/ml
2) T n-Decane (C10)	4.242	2945584	24.983 ug/ml
3) T A~Naphthalene (C11.7)	5.807	3270292	25.053 ug/ml
4) T n-Dodecane (C12)	6.245	3024380	25.470 ug/ml
5) T A~2-methylnaphthalene...	6.858	3333575	25.475 ug/ml
6) T n-Tetradecane (C14)	8.030	3084949	25.383 ug/ml
7) T n-Hexadecane (C16)	9.622	3098756	25.355 ug/ml
8) T n-Octadecane (C18)	11.057	3148937	25.011 ug/ml
10) T n-Eicosane (C20)	12.359	3069659	24.352 ug/ml
11) T n-Heneicosane (C21)	12.968	3048158	23.878 ug/ml
13) T n-Docosane (C22)	13.551	3016261	23.693 ug/ml
14) T n-Tetracosane (C24)	14.649	3007983	23.384 ug/ml
15) T n-Hexacosane (C26)	15.664	2837766	22.283 ug/ml
16) T n-Octacosane (C28)	16.609	2746876	21.530 ug/ml
17) T n-Tricontane (C30)	17.493	2658086	20.980 ug/ml
18) T n-Dotriacontane (C32)	18.321	2522392	20.528 ug/ml
19) T n-Tetratriacontane (C34)	19.100	2402782	20.132 ug/ml
20) T n-Hexatriacontane (C36)	19.835	2273942	20.403 ug/ml
21) T n-Octatriacontane (C38)	20.535	2156472	20.860 ug/ml
22) T n-Tetracontane (C40)	21.343	2186661	21.786 ug/ml

(f)=RT Delta > 1/2 Window

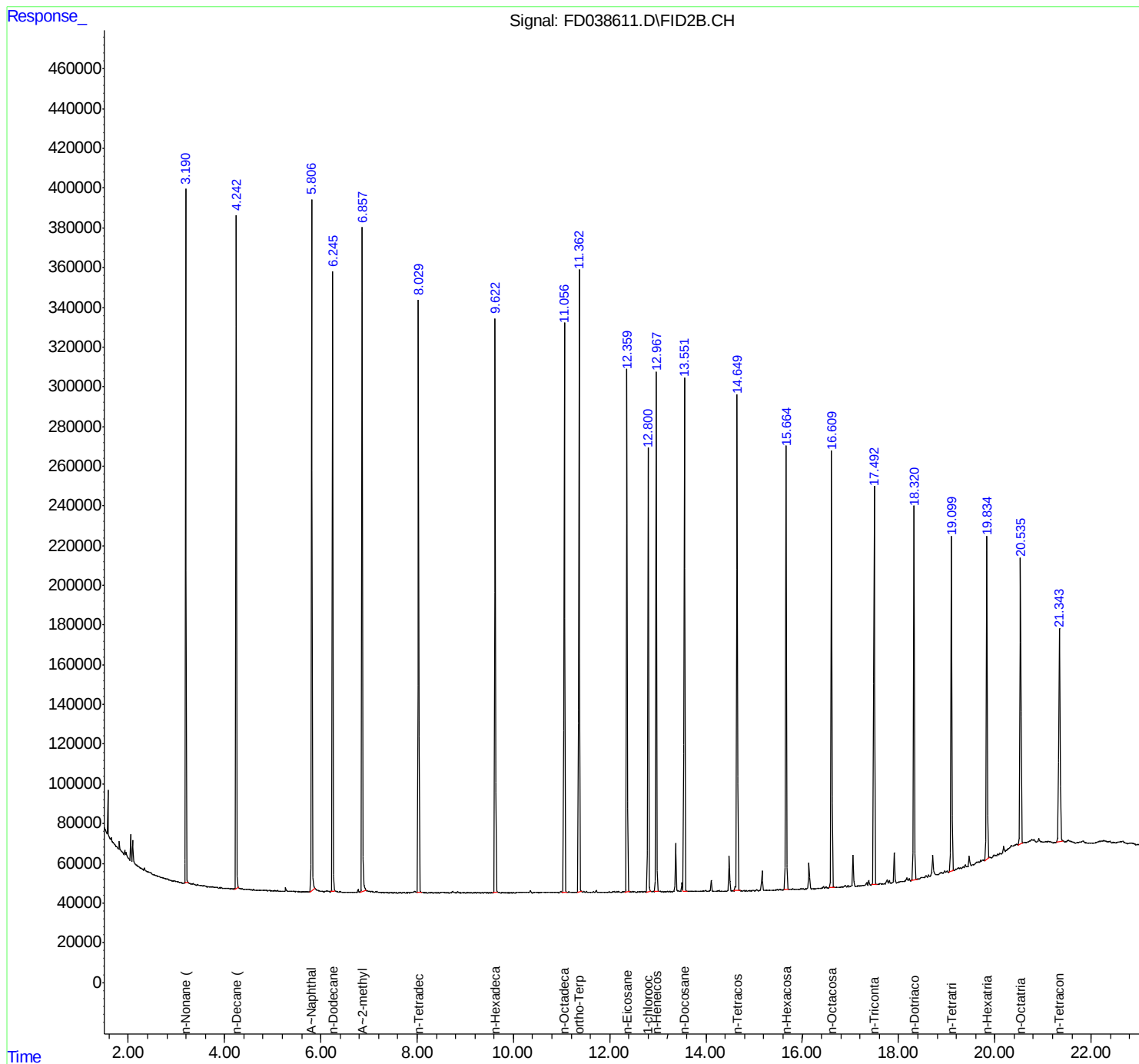
(m)=manual int.

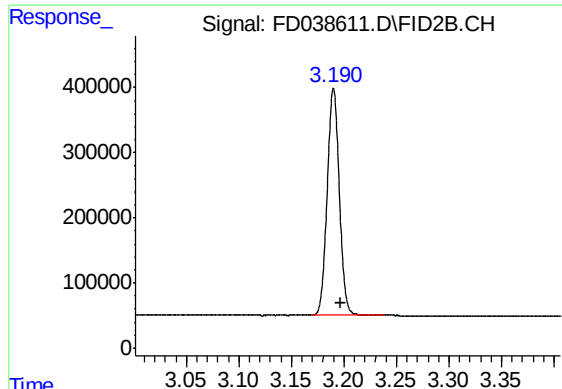
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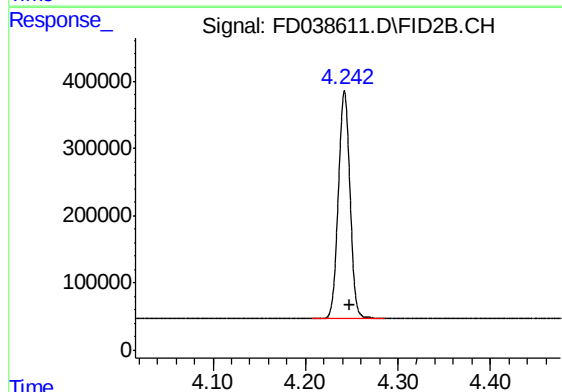




#1 n-Nonane (C9)

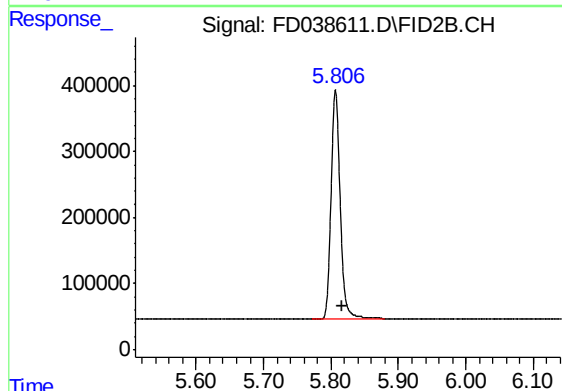
R.T.: 3.190 min
Delta R.T.: -0.007 min
Response: 2814626
Conc: 23.97 ug/ml

Instrument :
FID_D
ClientSampleId :



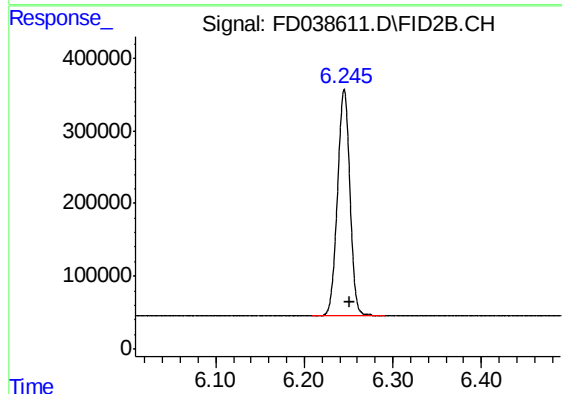
#2 n-Decane (C10)

R.T.: 4.242 min
Delta R.T.: -0.006 min
Response: 2945584
Conc: 24.98 ug/ml



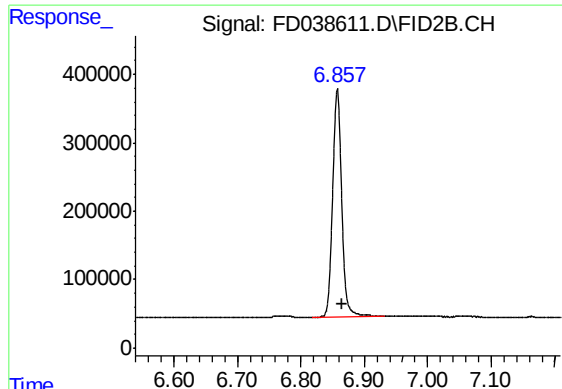
#3 A~Naphthalene (C11.7)

R.T.: 5.807 min
Delta R.T.: -0.009 min
Response: 3270292
Conc: 25.05 ug/ml



#4 n-Dodecane (C12)

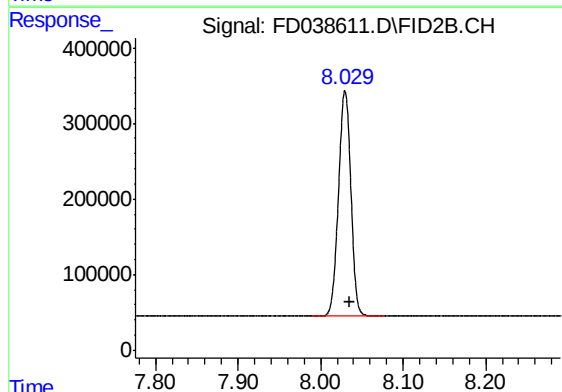
R.T.: 6.245 min
Delta R.T.: -0.006 min
Response: 3024380
Conc: 25.47 ug/ml



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

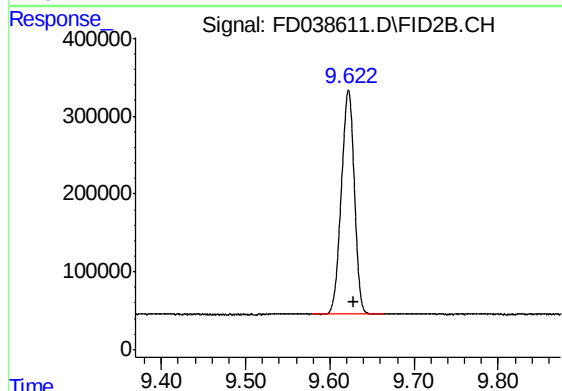
R.T.: 6.858 min
Delta R.T.: -0.008 min
Response: 3333575
Conc: 25.47 ug/ml

Instrument :
FID_D
ClientSampleId :



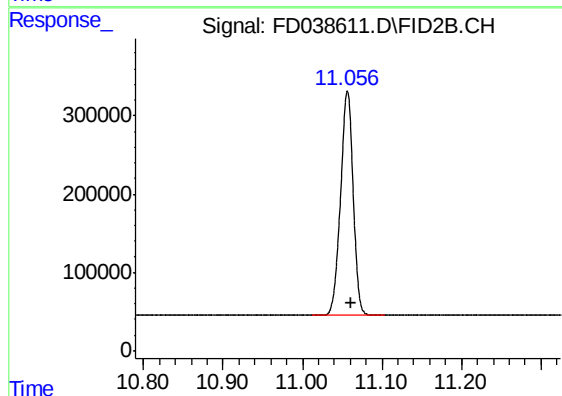
#6 n-Tetradecane (C14)

R.T.: 8.030 min
Delta R.T.: -0.006 min
Response: 3084949
Conc: 25.38 ug/ml



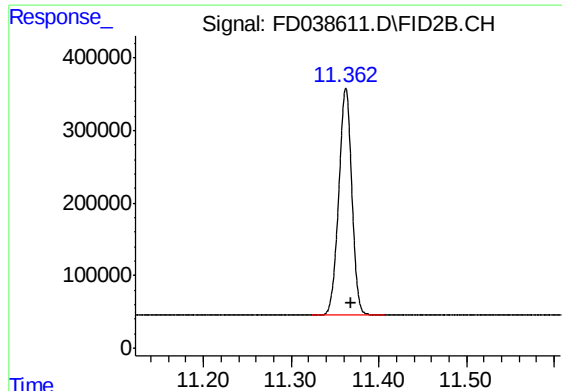
#7 n-Hexadecane (C16)

R.T.: 9.622 min
Delta R.T.: -0.005 min
Response: 3098756
Conc: 25.35 ug/ml



#8 n-Octadecane (C18)

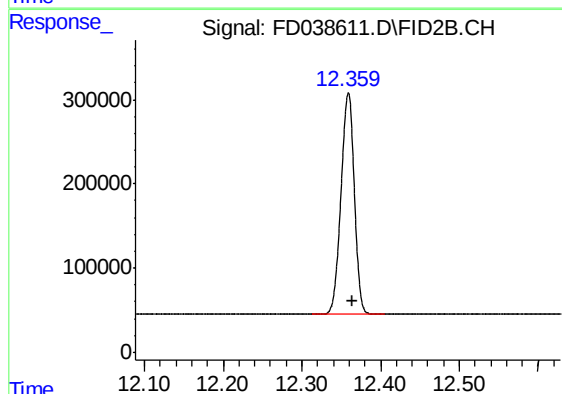
R.T.: 11.057 min
Delta R.T.: -0.005 min
Response: 3148937
Conc: 25.01 ug/ml



#9 ortho-Terphenyl (SURR)

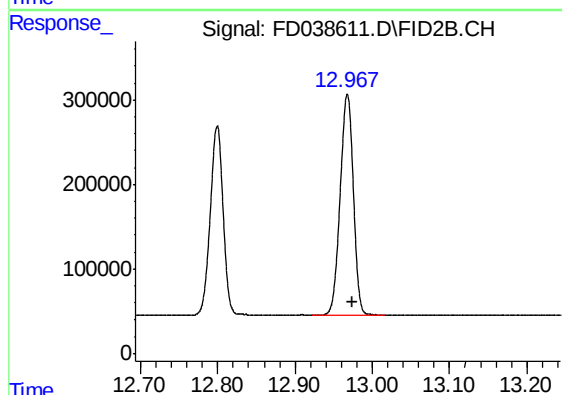
R.T.: 11.363 min
Delta R.T.: -0.005 min
Response: 3231778
Conc: 23.68 ug/ml

Instrument :
FID_D
ClientSampleId :



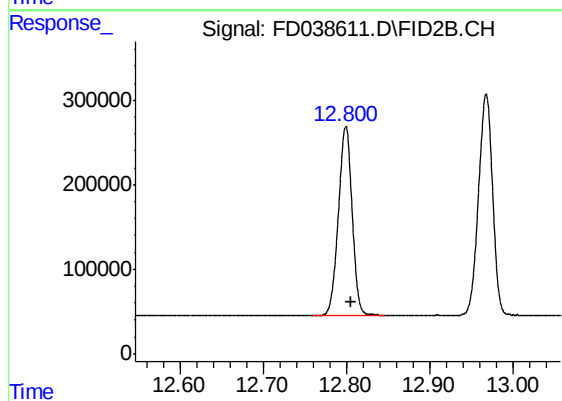
#10 n-Eicosane (C20)

R.T.: 12.359 min
Delta R.T.: -0.005 min
Response: 3069659
Conc: 24.35 ug/ml



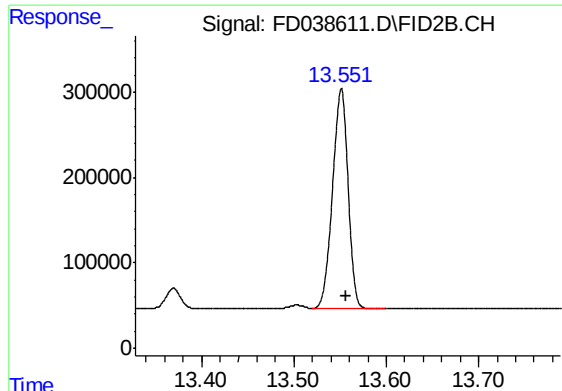
#11 n-Heneicosane (C21)

R.T.: 12.968 min
Delta R.T.: -0.006 min
Response: 3048158
Conc: 23.88 ug/ml



#12 1-chlorooctadecane (SURR)

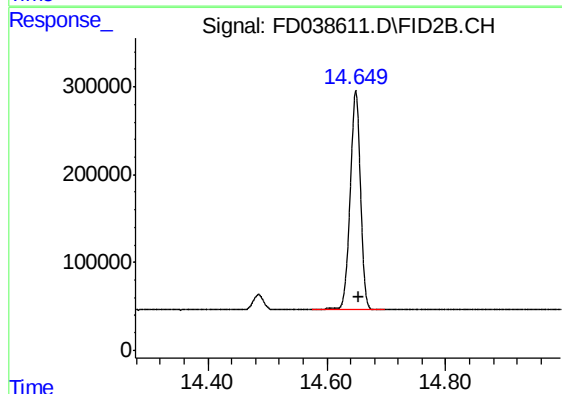
R.T.: 12.799 min
Delta R.T.: -0.006 min
Response: 2536812
Conc: 23.59 ug/ml



#13 n-Docosane (C22)

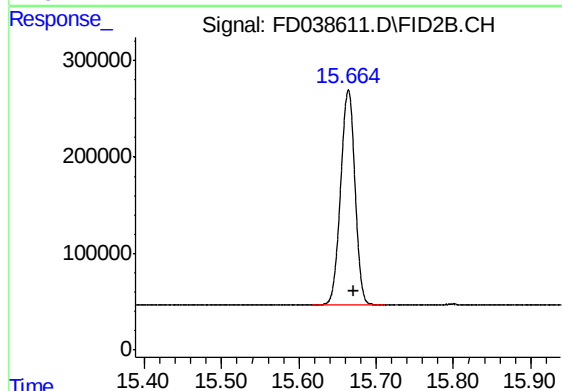
R.T.: 13.551 min
Delta R.T.: -0.005 min
Response: 3016261
Conc: 23.69 ug/ml

Instrument :
FID_D
ClientSampleId :



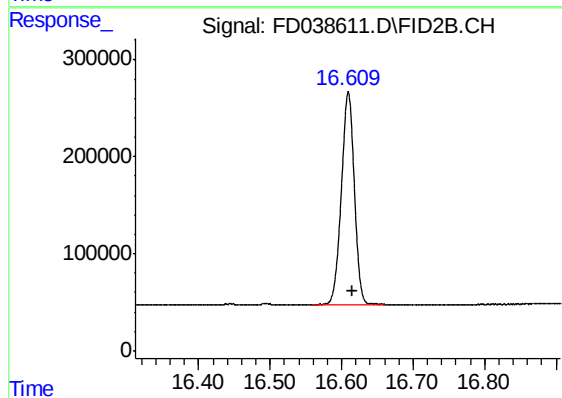
#14 n-Tetracosane (C24)

R.T.: 14.649 min
Delta R.T.: -0.006 min
Response: 3007983
Conc: 23.38 ug/ml



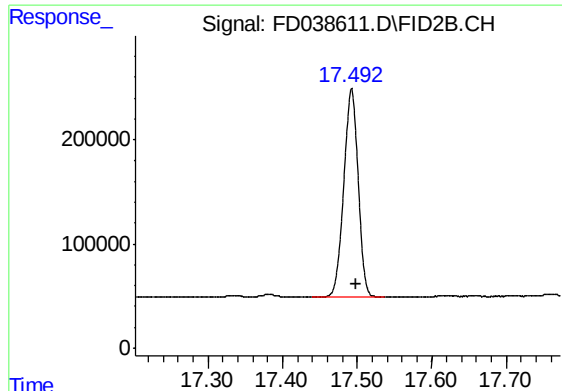
#15 n-Hexacosane (C26)

R.T.: 15.664 min
Delta R.T.: -0.007 min
Response: 2837766
Conc: 22.28 ug/ml



#16 n-Octacosane (C28)

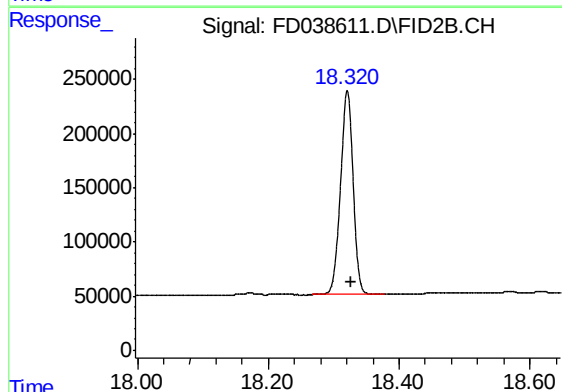
R.T.: 16.609 min
Delta R.T.: -0.006 min
Response: 2746876
Conc: 21.53 ug/ml



#17 n-Tricontane (C30)

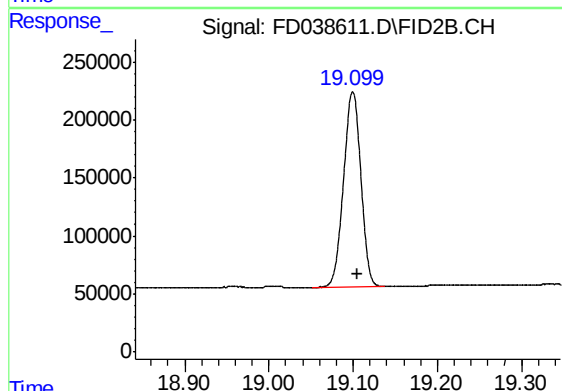
R.T.: 17.493 min
Delta R.T.: -0.006 min
Response: 2658086
Conc: 20.98 ug/ml

Instrument :
FID_D
ClientSampleId :



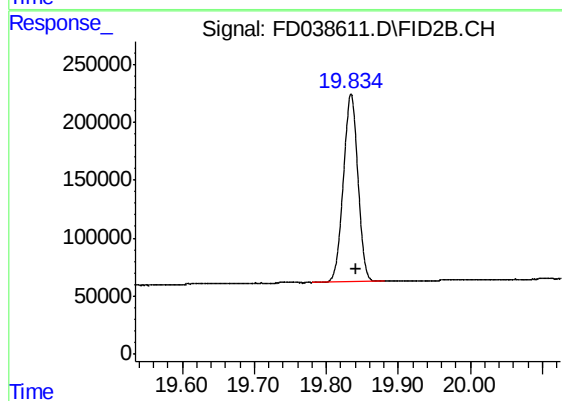
#18 n-Dotriacontane (C32)

R.T.: 18.321 min
Delta R.T.: -0.006 min
Response: 2522392
Conc: 20.53 ug/ml



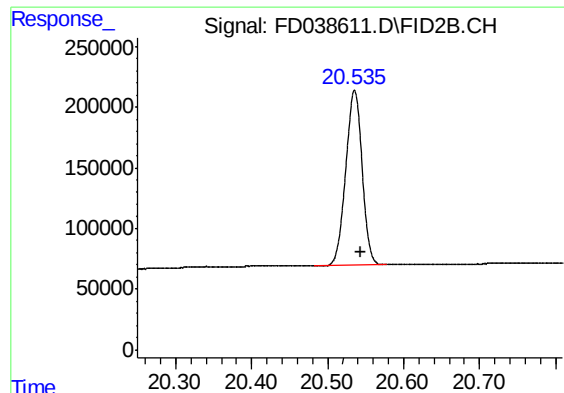
#19 n-Tetatriacontane (C34)

R.T.: 19.100 min
Delta R.T.: -0.006 min
Response: 2402782
Conc: 20.13 ug/ml



#20 n-Hexatriacontane (C36)

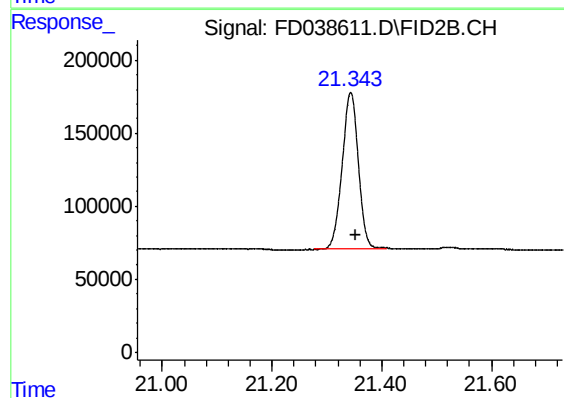
R.T.: 19.835 min
Delta R.T.: -0.008 min
Response: 2273942
Conc: 20.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.535 min
Delta R.T.: -0.008 min
Response: 2156472
Conc: 20.86 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.343 min
Delta R.T.: -0.009 min
Response: 2186661
Conc: 21.79 ug/ml