

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072121AL\
 Data File : FD038313.D
 Signal(s) : FID2B.CH
 Acq On : 21 Jul 2021 17:24
 Operator : AJ\MA
 Sample : FCS CHECK SOL 4
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 FCS CHECK SOL 4

Integration File: sample.E
 Quant Time: Jul 22 01:09:54 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...	12.844	1845301	16.185 ug/ml
Spiked Amount 50.000		Recovery =	32.37%
Target Compounds			
1) T n-Nonane (C9)	3.225	3250164	26.747 ug/ml
2) T n-Decane (C10)	4.282	4187301	34.235 ug/ml
4) T n-Dodecane (C12)	6.287	5015069	40.265 ug/ml
6) T n-Tetradecane (C14)	8.074	5198965	40.449 ug/ml
7) T n-Hexadecane (C16)	9.668	5233302	40.385 ug/ml
8) T n-Octadecane (C18)	11.102	5447780	40.452 ug/ml
10) T n-Eicosane (C20)	12.406	5241683	39.024 ug/ml
11) T n-Heneicosane (C21)	13.015	5173249	38.078 ug/ml
13) T n-Docosane (C22)	13.598	5056312	37.579 ug/ml
14) T n-Tetracosane (C24)	14.695	4889103	36.207 ug/ml
15) T n-Hexacosane (C26)	15.711	4677782	35.504 ug/ml
16) T n-Octacosane (C28)	16.656	4502582	34.532 ug/ml
17) T n-Tricontane (C30)	17.540	4368320	34.183 ug/ml
18) T n-Dotriacontane (C32)	18.367	4258374	34.608 ug/ml
19) T n-Tetratriacontane (C34)	19.147	4089791	34.925 ug/ml
20) T n-Hexatriacontane (C36)	19.884	3951743	36.185 ug/ml
21) T n-Octatriacontane (C38)	20.590	3780284	37.533 ug/ml
22) T n-Tetracontane (C40)	21.417	3862300	39.490 ug/ml

(f)=RT Delta > 1/2 Window

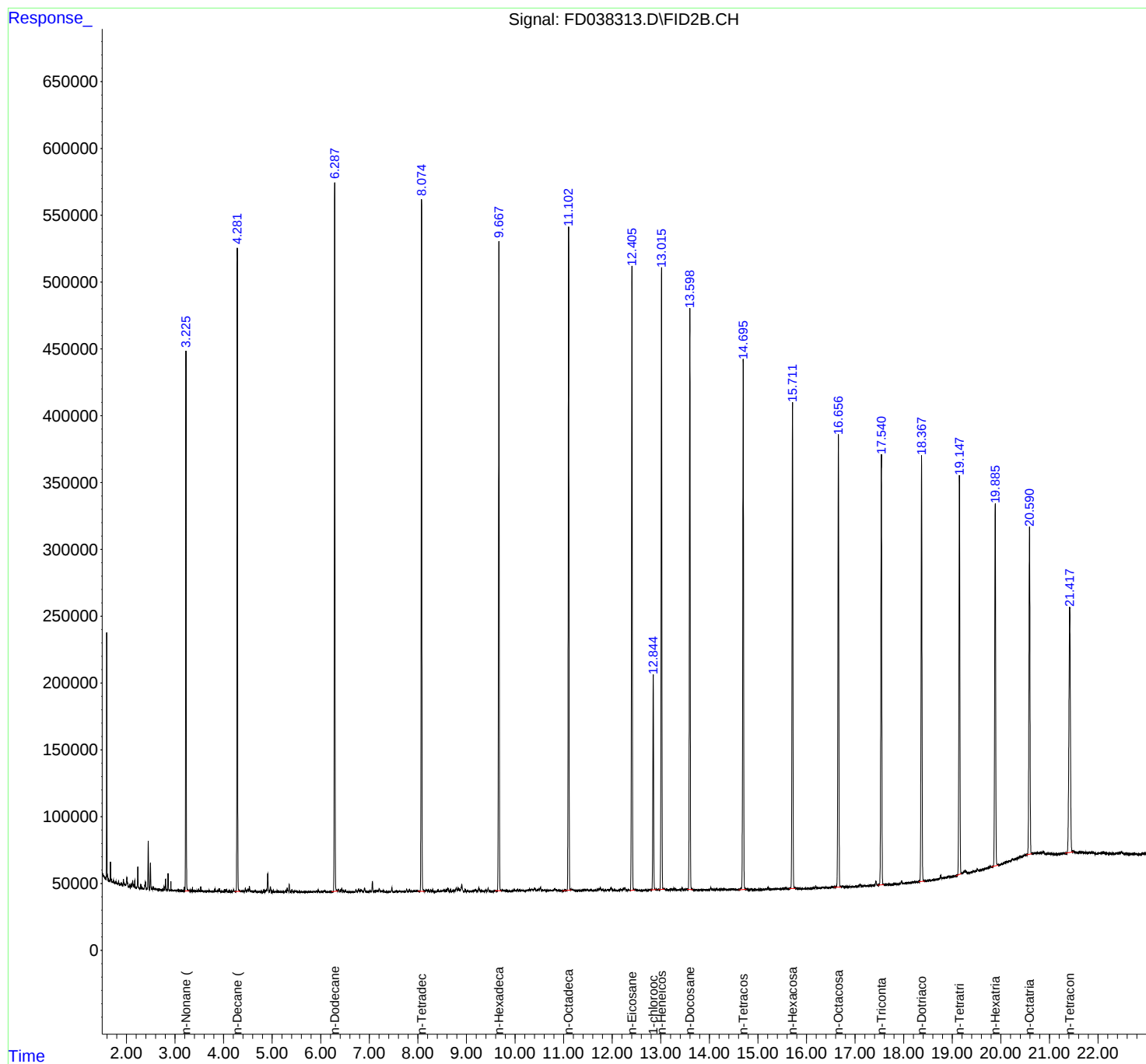
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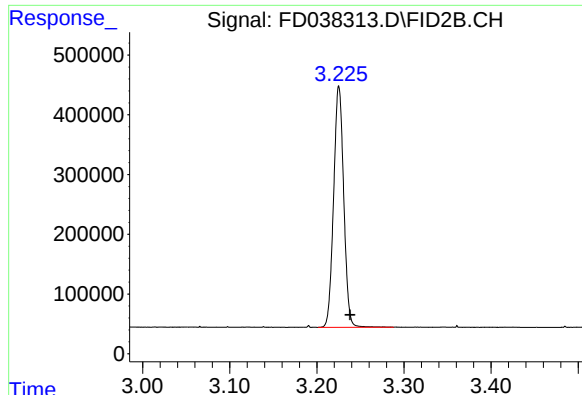
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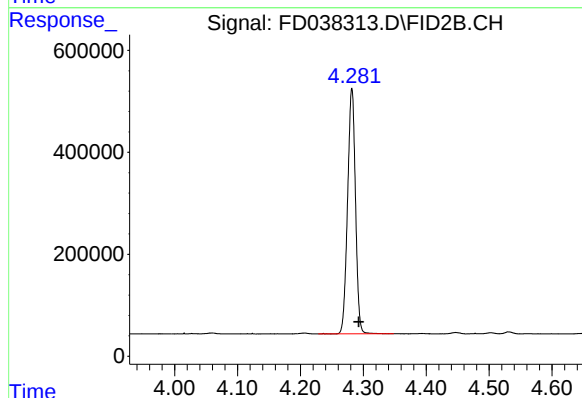




#1 n-Nonane (C9)

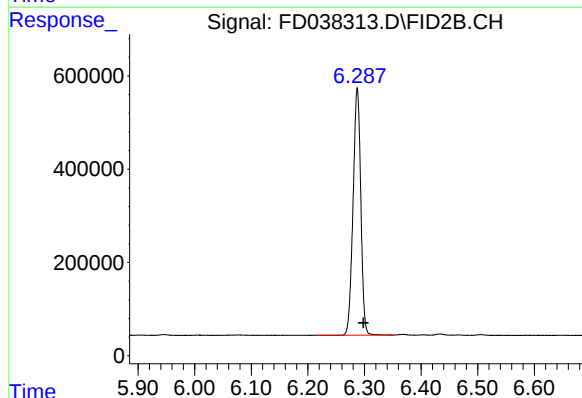
R.T.: 3.225 min
Delta R.T.: -0.013 min
Response: 3250164
Conc: 26.75 ug/ml

Instrument :
FID_D
ClientSampleId :
FCS CHECK SOL 4



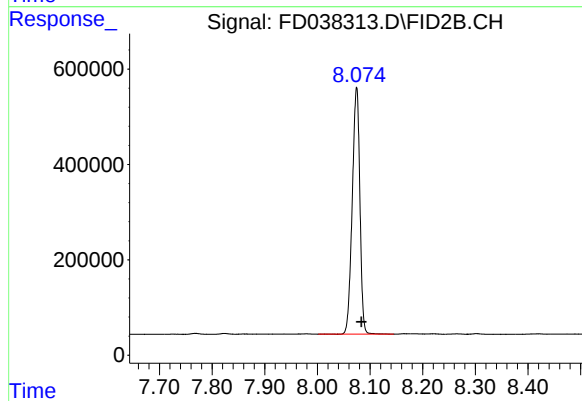
#2 n-Decane (C10)

R.T.: 4.282 min
Delta R.T.: -0.011 min
Response: 4187301
Conc: 34.23 ug/ml



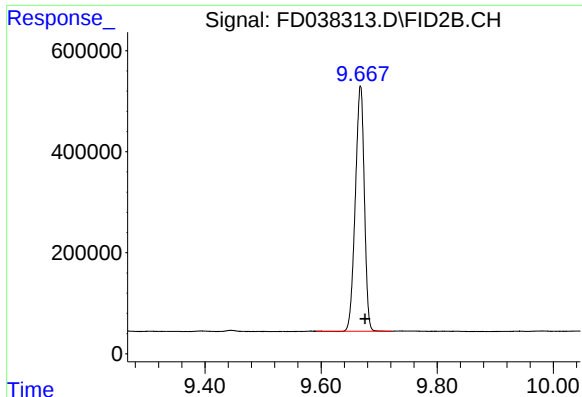
#4 n-Dodecane (C12)

R.T.: 6.287 min
Delta R.T.: -0.011 min
Response: 5015069
Conc: 40.27 ug/ml



#6 n-Tetradecane (C14)

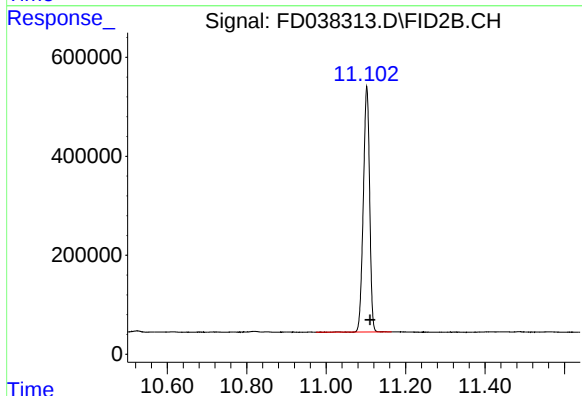
R.T.: 8.074 min
Delta R.T.: -0.010 min
Response: 5198965
Conc: 40.45 ug/ml



#7 n-Hexadecane (C16)

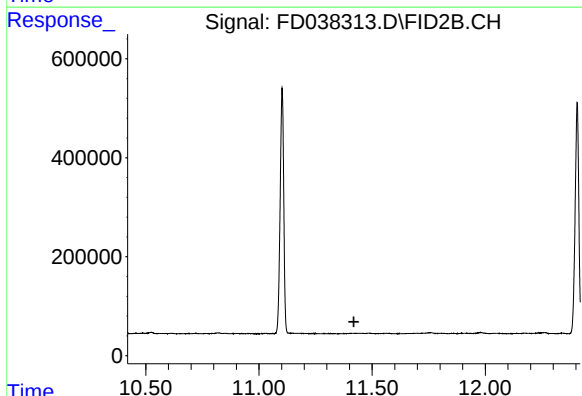
R.T.: 9.668 min
Delta R.T.: -0.009 min
Response: 5233302
Conc: 40.38 ug/ml

Instrument :
FID_D
ClientSampleId :
FCS CHECK SOL 4



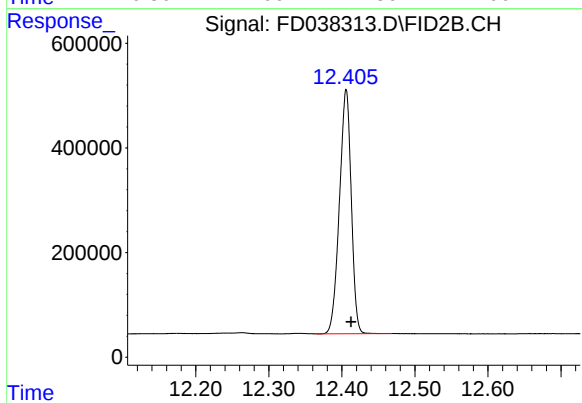
#8 n-Octadecane (C18)

R.T.: 11.102 min
Delta R.T.: -0.009 min
Response: 5447780
Conc: 40.45 ug/ml



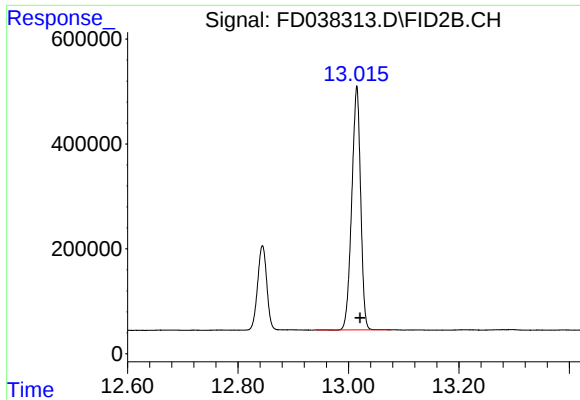
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

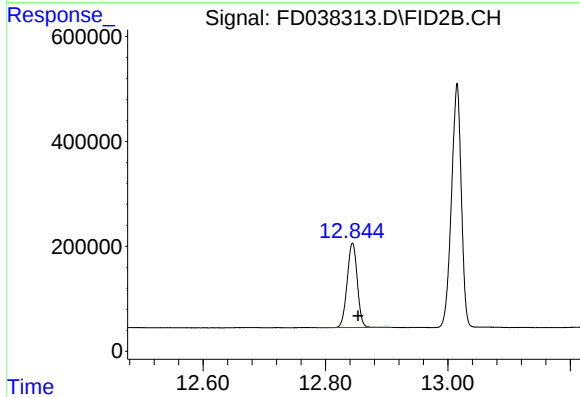
R.T.: 12.406 min
Delta R.T.: -0.007 min
Response: 5241683
Conc: 39.02 ug/ml



#11 n-Heneicosane (C21)

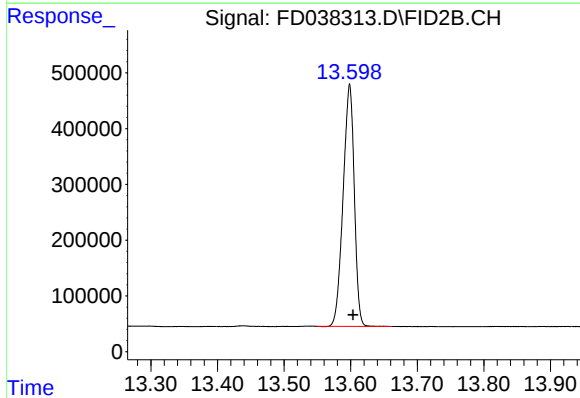
R.T.: 13.015 min
Delta R.T.: -0.006 min
Response: 5173249
Conc: 38.08 ug/ml

Instrument :
FID_D
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FCS CHECK SOL 4



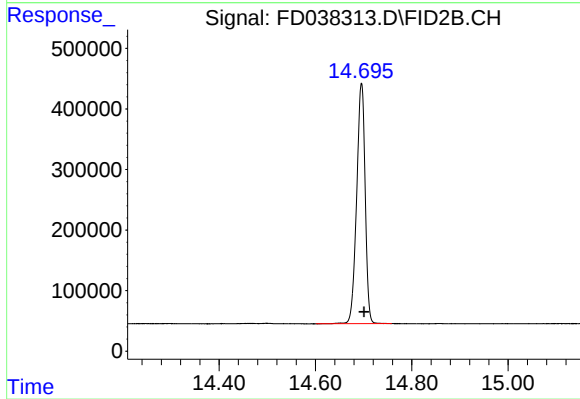
#12 1-chlorooctadecane (SURR)

R.T.: 12.844 min
Delta R.T.: -0.009 min
Response: 1845301
Conc: 16.19 ug/ml



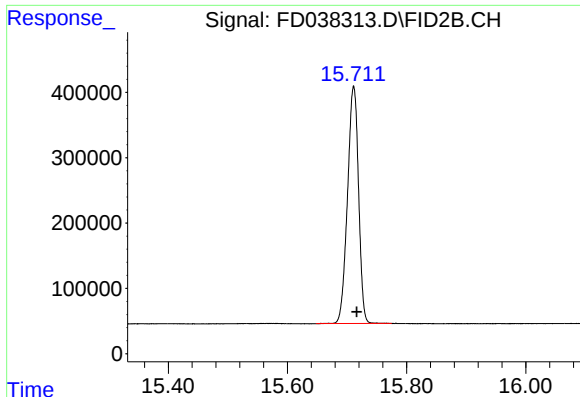
#13 n-Docosane (C22)

R.T.: 13.598 min
Delta R.T.: -0.005 min
Response: 5056312
Conc: 37.58 ug/ml



#14 n-Tetracosane (C24)

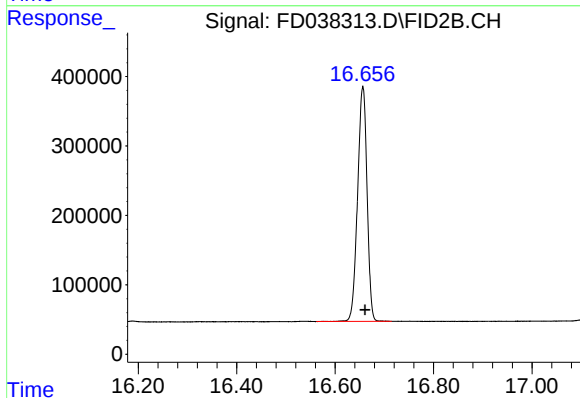
R.T.: 14.695 min
Delta R.T.: -0.005 min
Response: 4889103
Conc: 36.21 ug/ml



#15 n-Hexacosane (C26)

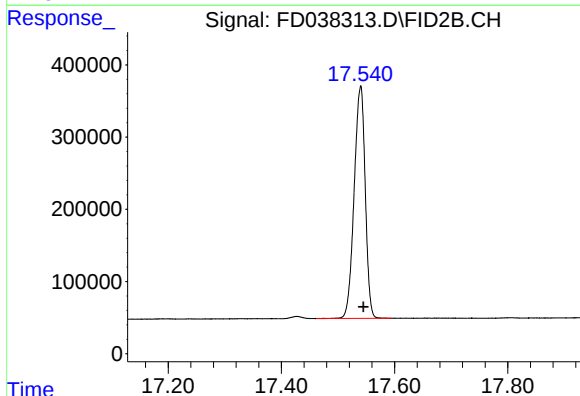
R.T.: 15.711 min
Delta R.T.: -0.005 min
Response: 4677782
Conc: 35.50 ug/ml

Instrument :
FID_D
ClientSampleId :
FCS CHECK SOL 4



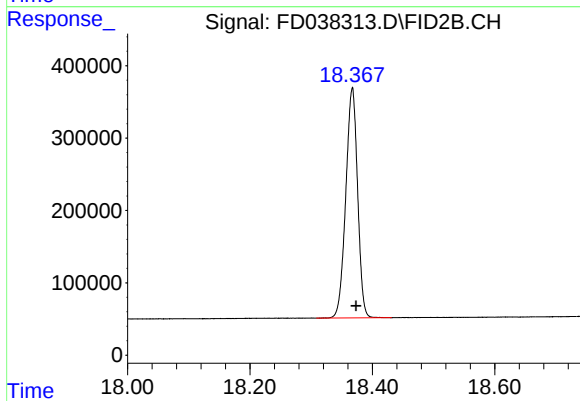
#16 n-Octacosane (C28)

R.T.: 16.656 min
Delta R.T.: -0.005 min
Response: 4502582
Conc: 34.53 ug/ml



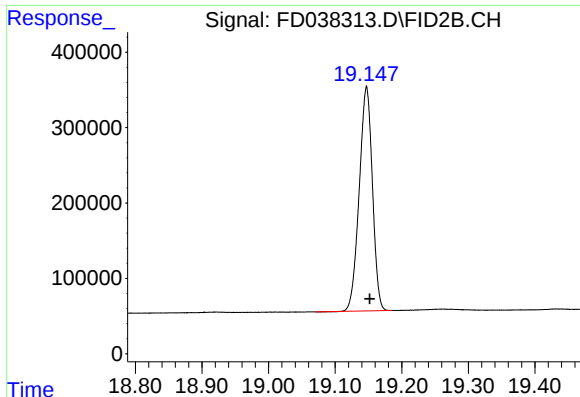
#17 n-Tricontane (C30)

R.T.: 17.540 min
Delta R.T.: -0.005 min
Response: 4368320
Conc: 34.18 ug/ml



#18 n-Dotriacontane (C32)

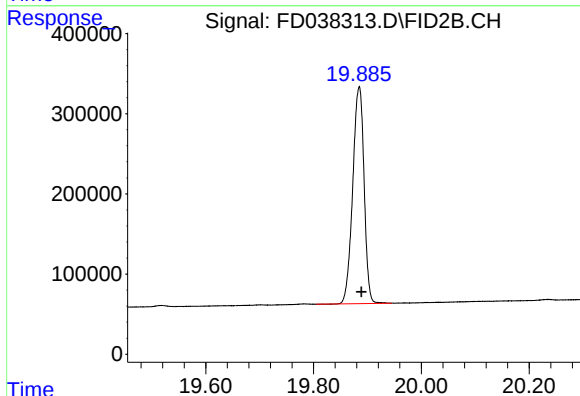
R.T.: 18.367 min
Delta R.T.: -0.006 min
Response: 4258374
Conc: 34.61 ug/ml



#19 n-Tetratriacontane (C34)

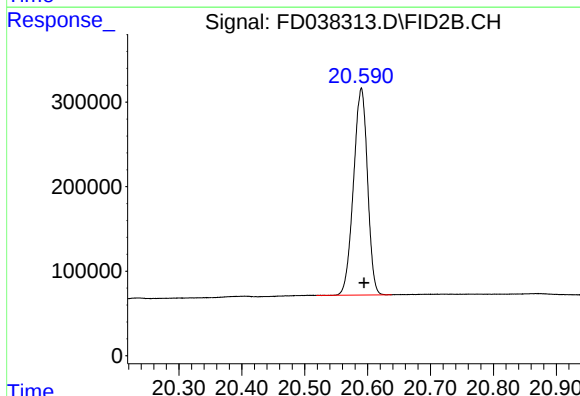
R.T.: 19.147 min
Delta R.T.: -0.005 min
Response: 4089791
Conc: 34.92 ug/ml

Instrument :
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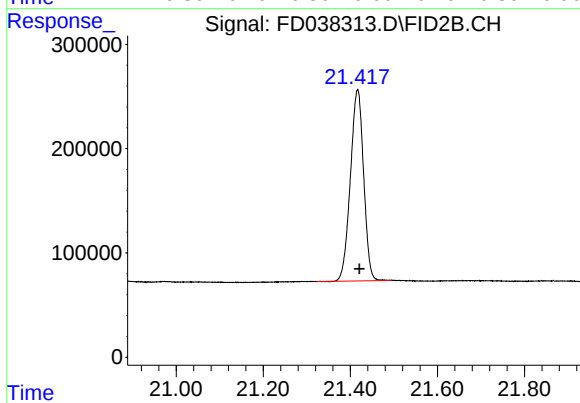
#20 n-Hexatriacontane (C36)

R.T.: 19.884 min
Delta R.T.: -0.004 min
Response: 3951743
Conc: 36.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.590 min
Delta R.T.: -0.005 min
Response: 3780284
Conc: 37.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.417 min
Delta R.T.: -0.004 min
Response: 3862300
Conc: 39.49 ug/ml