

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032521AL\
 Data File : FC052713.D
 Signal(s) : FID1A.CH
 Acq On : 25 Mar 2021 12:06
 Operator : DD\AJ
 Sample : FCS CHECK SOL 3
 Misc : LOT#M02142C2 E3060
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 FCS CHECK SOL 3

Integration File: autoint1.e
 Quant Time: Mar 26 01:03:25 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 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...	13.003	2597619	24.084 ug/ml
Spiked Amount 50.000		Recovery =	48.17%
Target Compounds			
1) T n-Nonane (C9)	3.324	2322943	20.000 ug/ml
2) T n-Decane (C10)	4.391	2985979	25.481 ug/ml
4) T n-Dodecane (C12)	6.410	3818555	31.804 ug/ml
6) T n-Tetradecane (C14)	8.207	4134234	34.182 ug/ml
7) T n-Hexadecane (C16)	9.808	4393257	36.528 ug/ml
8) T n-Octadecane (C18)	11.249	4551684	36.076 ug/ml
10) T n-Eicosane (C20)	12.559	4384576	34.337 ug/ml
11) T n-Heneicosane (C21)	13.172	4310127	33.909 ug/ml
13) T n-Docosane (C22)	13.757	4215113	33.274 ug/ml
14) T n-Tetracosane (C24)	14.860	3986343	31.911 ug/ml
15) T n-Hexacosane (C26)	15.881	3789743	31.473 ug/ml
16) T n-Octacosane (C28)	16.830	3660807	31.752 ug/ml
17) T n-Tricontane (C30)	17.717	3540488	32.497 ug/ml
18) T n-Dotriacontane (C32)	18.550	3437305	34.257 ug/ml
19) T n-Tetratriacontane (C34)	19.332	3507915	38.163 ug/ml
20) T n-Hexatriacontane (C36)	20.072	3794715	41.614 ug/ml
21) T n-Octatriacontane (C38)	20.804	3695857	45.284 ug/ml
22) T n-Tetracontane (C40)	21.710	3991130	46.333 ug/ml

(f)=RT Delta > 1/2 Window

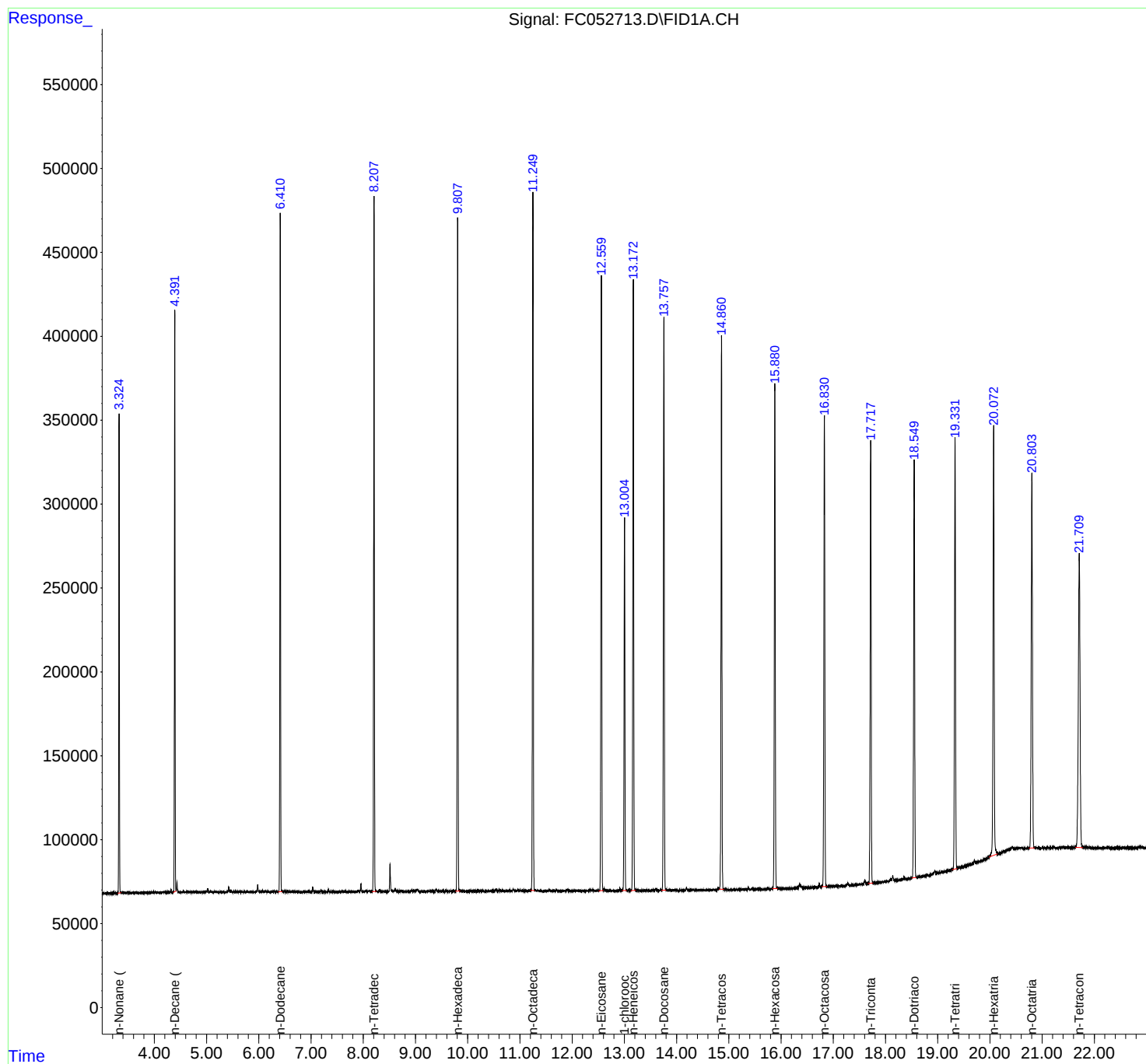
(m)=manual int.

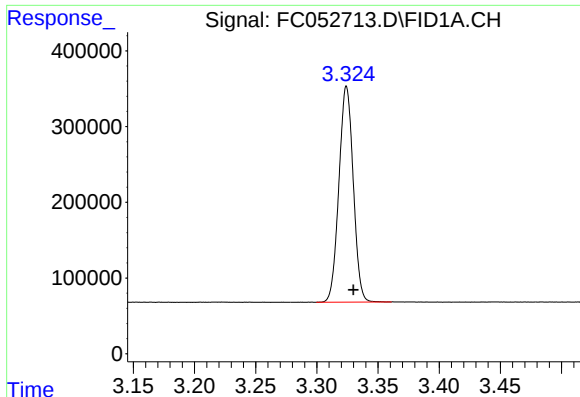
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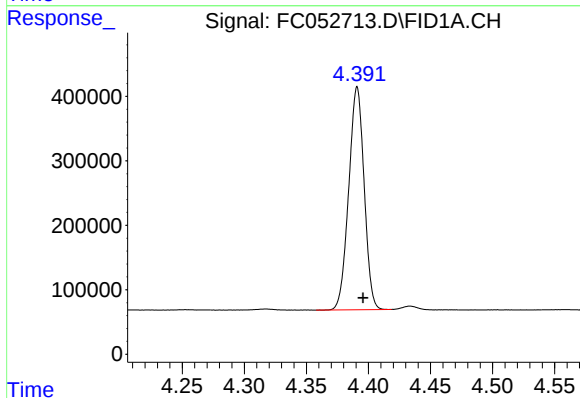




#1 n-Nonane (C9)

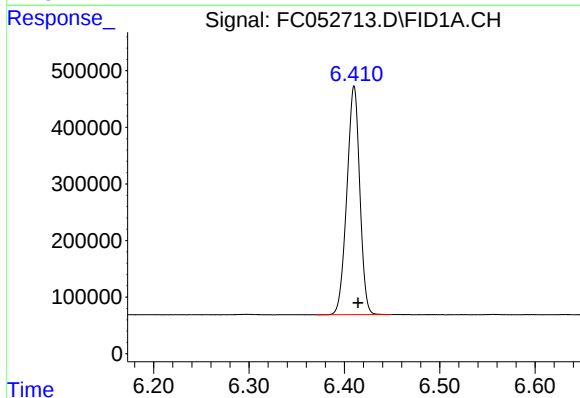
R.T.: 3.324 min
Delta R.T.: -0.006 min
Response: 2322943
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 3



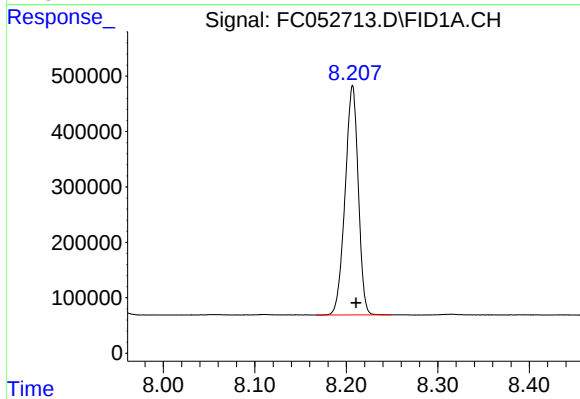
#2 n-Decane (C10)

R.T.: 4.391 min
Delta R.T.: -0.005 min
Response: 2985979
Conc: 25.48 ug/ml



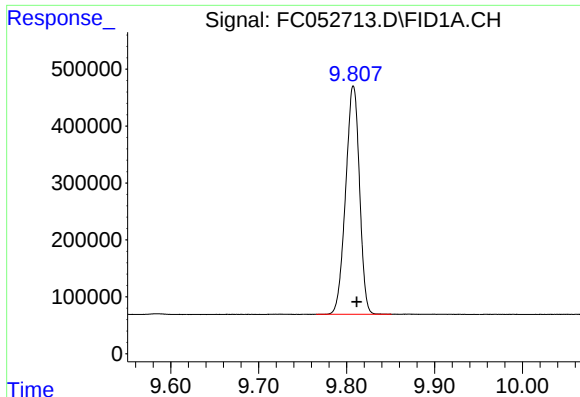
#4 n-Dodecane (C12)

R.T.: 6.410 min
Delta R.T.: -0.004 min
Response: 3818555
Conc: 31.80 ug/ml



#6 n-Tetradecane (C14)

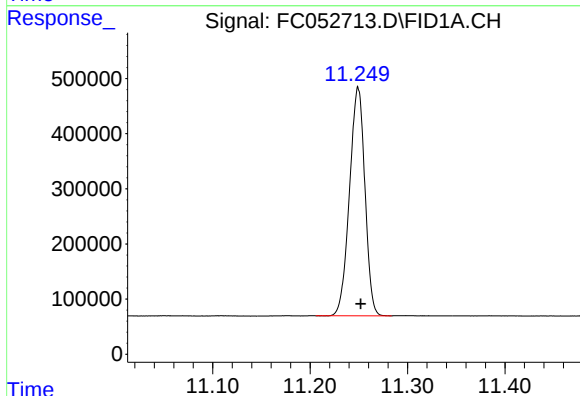
R.T.: 8.207 min
Delta R.T.: -0.004 min
Response: 4134234
Conc: 34.18 ug/ml



#7 n-Hexadecane (C16)

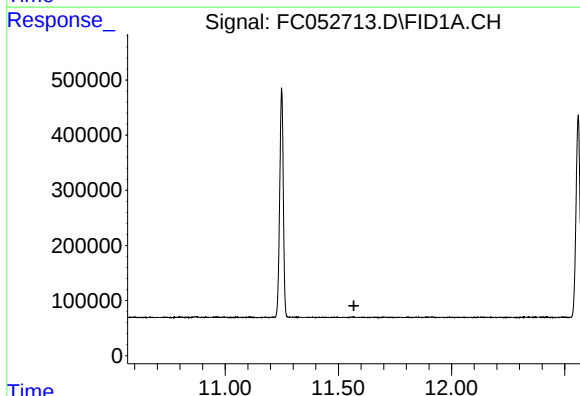
R.T.: 9.808 min
Delta R.T.: -0.004 min
Response: 4393257
Conc: 36.53 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 3



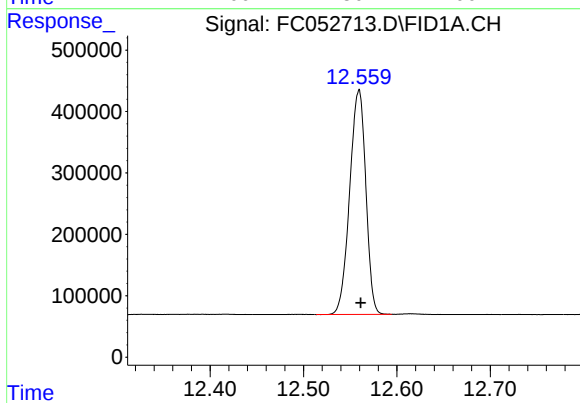
#8 n-Octadecane (C18)

R.T.: 11.249 min
Delta R.T.: -0.002 min
Response: 4551684
Conc: 36.08 ug/ml



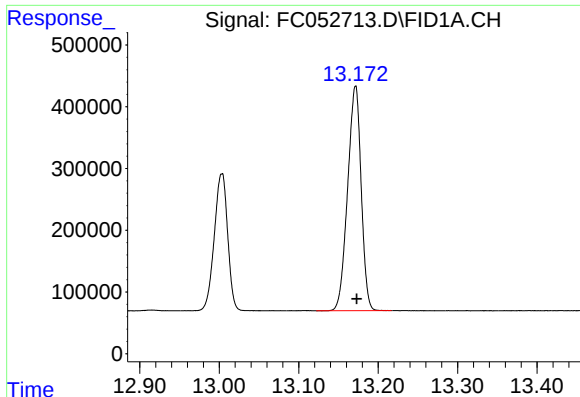
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.568 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

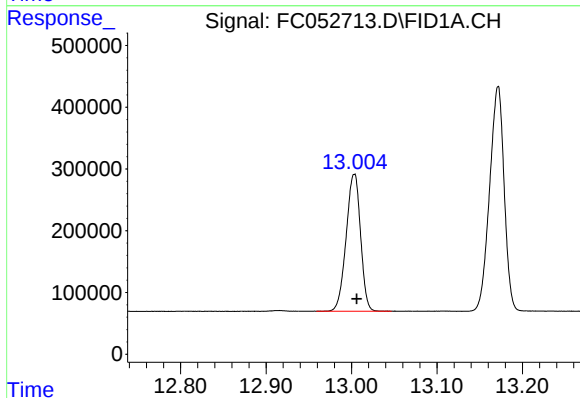
R.T.: 12.559 min
Delta R.T.: -0.002 min
Response: 4384576
Conc: 34.34 ug/ml



#11 n-Heneicosane (C21)

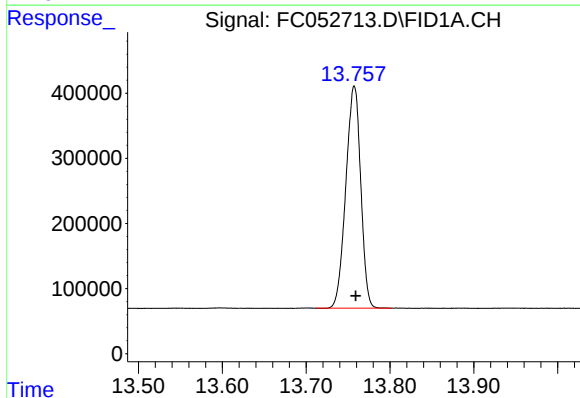
R.T.: 13.172 min
Delta R.T.: -0.001 min
Response: 4310127
Conc: 33.91 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 3



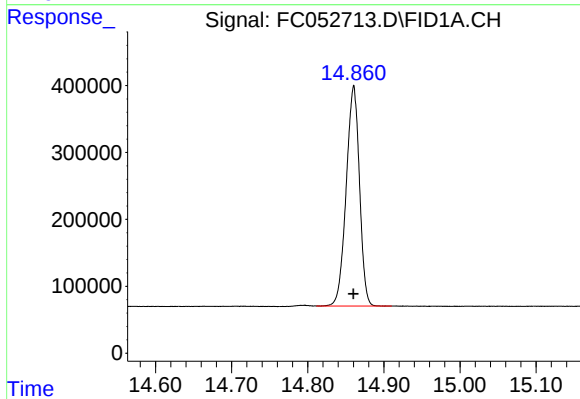
#12 1-chlorooctadecane (SURR)

R.T.: 13.003 min
Delta R.T.: -0.003 min
Response: 2597619
Conc: 24.08 ug/ml



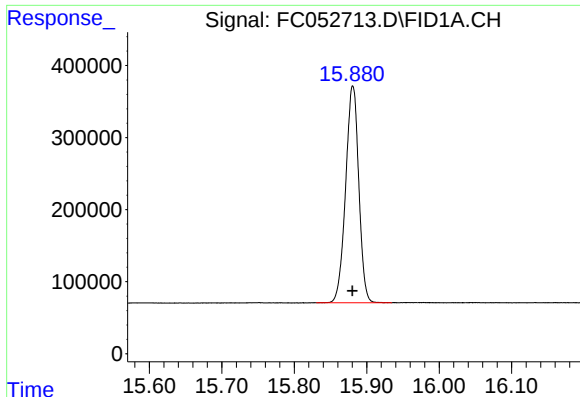
#13 n-Docosane (C22)

R.T.: 13.757 min
Delta R.T.: -0.002 min
Response: 4215113
Conc: 33.27 ug/ml



#14 n-Tetracosane (C24)

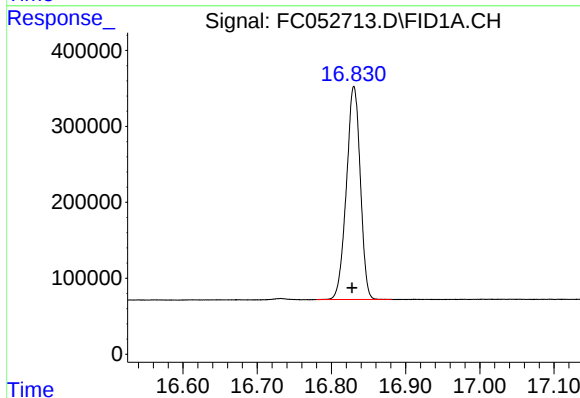
R.T.: 14.860 min
Delta R.T.: 0.000 min
Response: 3986343
Conc: 31.91 ug/ml



#15 n-Hexacosane (C26)

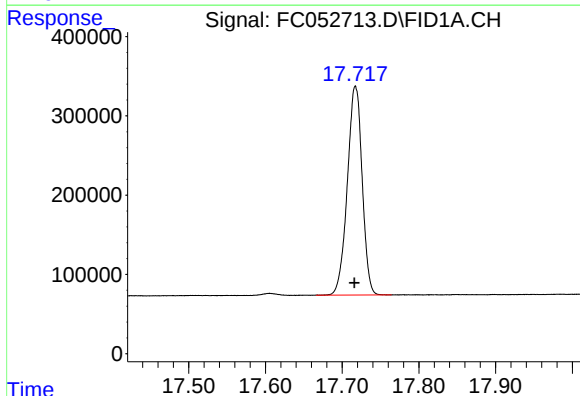
R.T.: 15.881 min
Delta R.T.: 0.000 min
Response: 3789743
Conc: 31.47 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 3



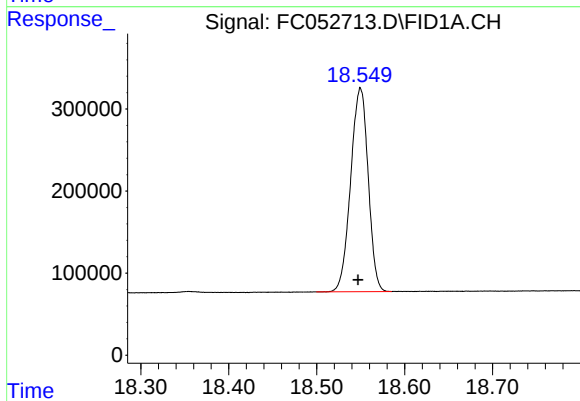
#16 n-Octacosane (C28)

R.T.: 16.830 min
Delta R.T.: 0.003 min
Response: 3660807
Conc: 31.75 ug/ml



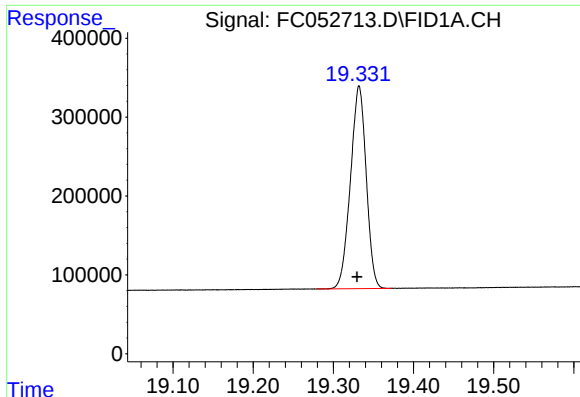
#17 n-Tricontane (C30)

R.T.: 17.717 min
Delta R.T.: 0.001 min
Response: 3540488
Conc: 32.50 ug/ml



#18 n-Dotriacontane (C32)

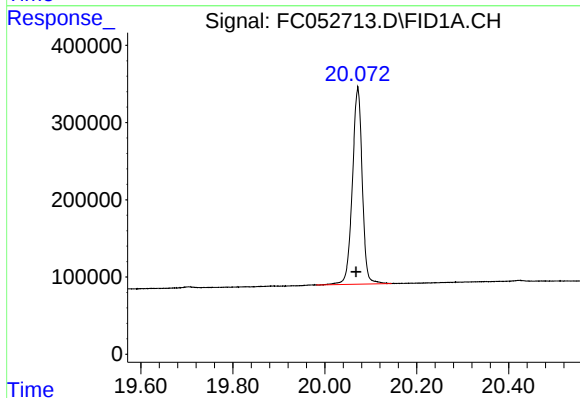
R.T.: 18.550 min
Delta R.T.: 0.003 min
Response: 3437305
Conc: 34.26 ug/ml



#19 n-Tetratriacontane (C34)

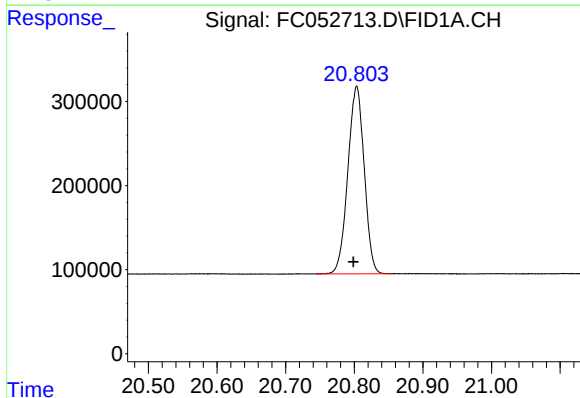
R.T.: 19.332 min
Delta R.T.: 0.003 min
Response: 3507915
Conc: 38.16 ug/ml

Instrument :
FID_C
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FCS CHECK SOL 3



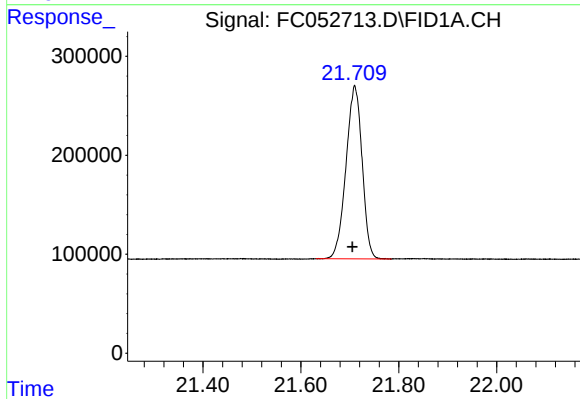
#20 n-Hexatriacontane (C36)

R.T.: 20.072 min
Delta R.T.: 0.004 min
Response: 3794715
Conc: 41.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.804 min
Delta R.T.: 0.005 min
Response: 3695857
Conc: 45.28 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.710 min
Delta R.T.: 0.005 min
Response: 3991130
Conc: 46.33 ug/ml