

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032921AL\
 Data File : FC052829.D
 Signal(s) : FID1A.CH
 Acq On : 29 Mar 2021 20:18
 Operator : DD\AJ
 Sample : FCS CHECKS SOL 1
 Misc : LOT#M02142C2 E3060
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 FCS CHECKS SOL 1

Integration File: autoint1.e
 Quant Time: Mar 30 01:02:51 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...	13.000	2636511	24.444 ug/ml
Spiked Amount 50.000		Recovery =	48.89%
Target Compounds			
1) T n-Nonane (C9)	3.321	2390823	20.584 ug/ml
2) T n-Decane (C10)	4.387	3072863	26.222 ug/ml
4) T n-Dodecane (C12)	6.407	3936888	32.789 ug/ml
6) T n-Tetradecane (C14)	8.205	4259900	35.222 ug/ml
7) T n-Hexadecane (C16)	9.807	4518826	37.572 ug/ml
8) T n-Octadecane (C18)	11.248	4665345	36.977 ug/ml
10) T n-Eicosane (C20)	12.557	4470552	35.010 ug/ml
11) T n-Heneicosane (C21)	13.169	4388608	34.527 ug/ml
13) T n-Docosane (C22)	13.755	4287411	33.844 ug/ml
14) T n-Tetracosane (C24)	14.857	4078678	32.650 ug/ml
15) T n-Hexacosane (C26)	15.877	3849472	31.969 ug/ml
16) T n-Octacosane (C28)	16.828	3760126	32.613 ug/ml
17) T n-Tricontane (C30)	17.715	3692945	33.896 ug/ml
18) T n-Dotriacontane (C32)	18.546	3645377	36.331 ug/ml
19) T n-Tetratriacontane (C34)	19.331	3733402	40.616 ug/ml
20) T n-Hexatriacontane (C36)	20.069	3935428	43.157 ug/ml
21) T n-Octatriacontane (C38)	20.803	3922060	48.056 ug/ml
22) T n-Tetracontane (C40)	21.708	4227504	49.077 ug/ml

(f)=RT Delta > 1/2 Window

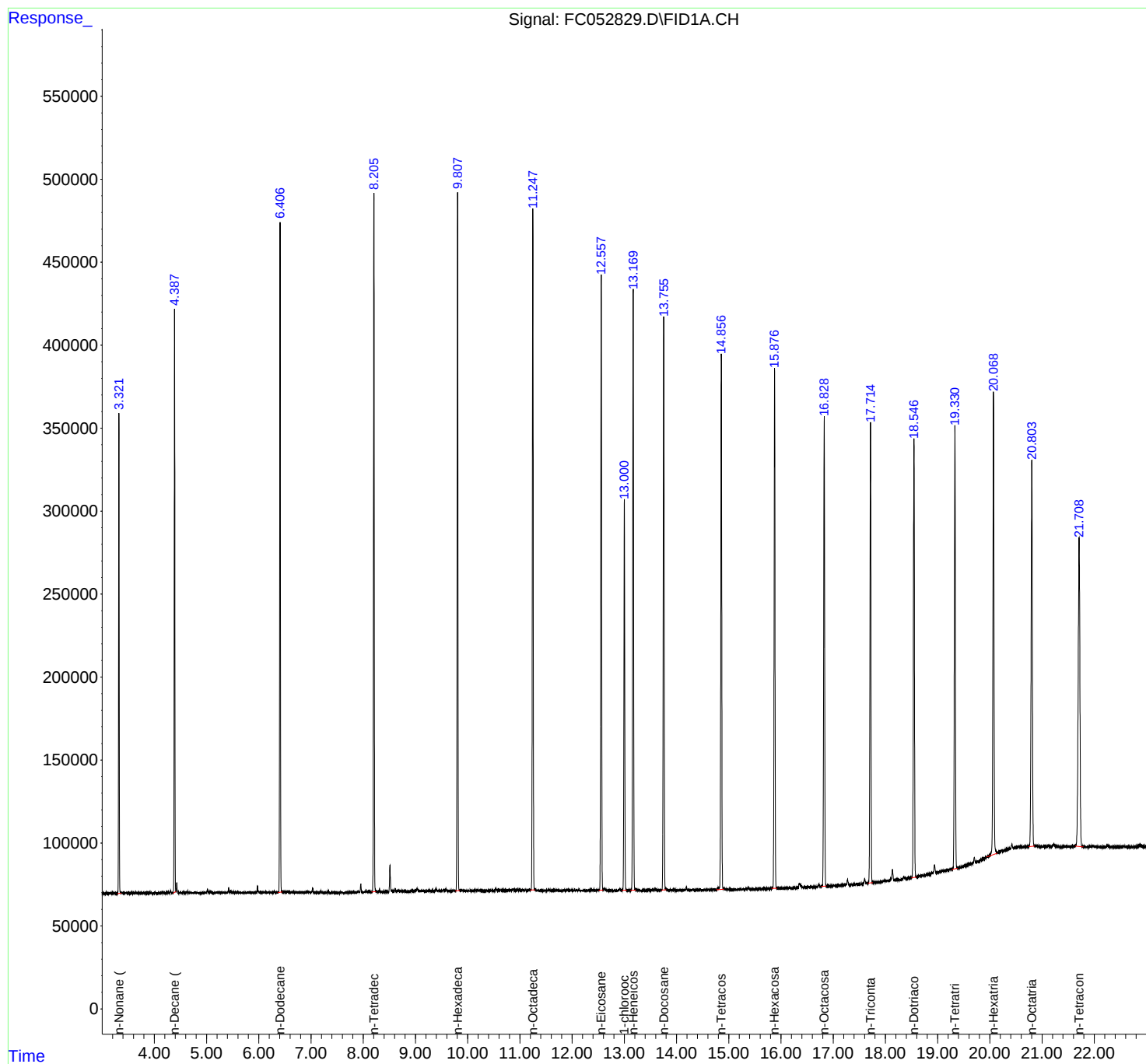
(m)=manual int.

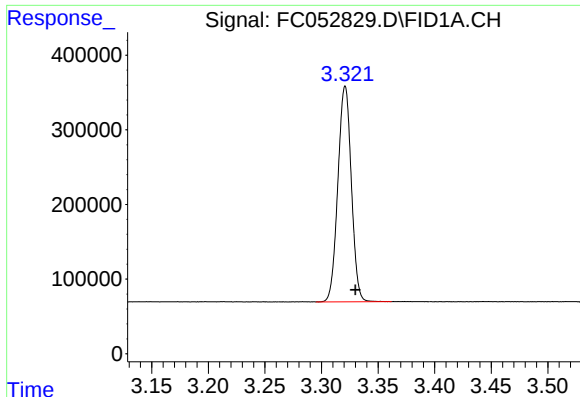
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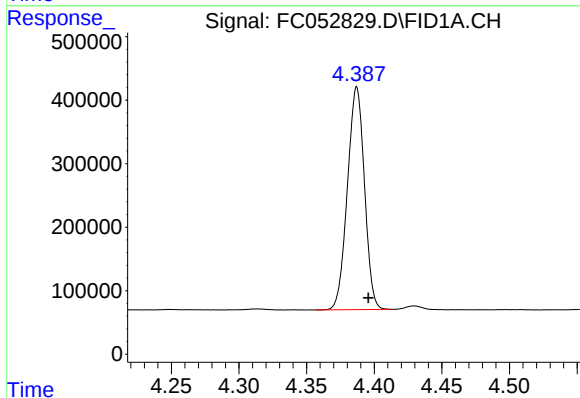




#1 n-Nonane (C9)

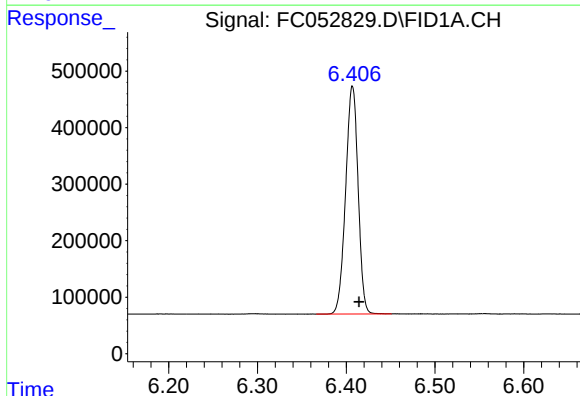
R.T.: 3.321 min
Delta R.T.: -0.009 min
Response: 2390823
Conc: 20.58 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECKS SOL 1



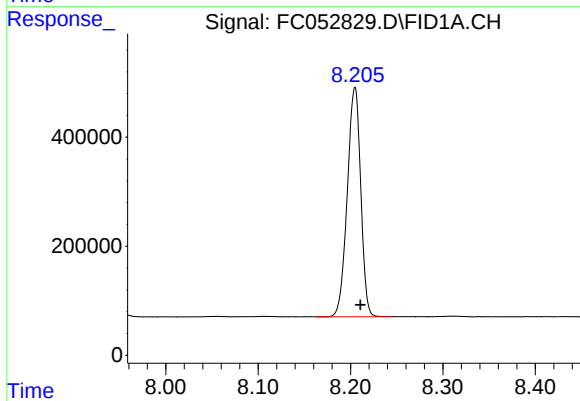
#2 n-Decane (C10)

R.T.: 4.387 min
Delta R.T.: -0.009 min
Response: 3072863
Conc: 26.22 ug/ml



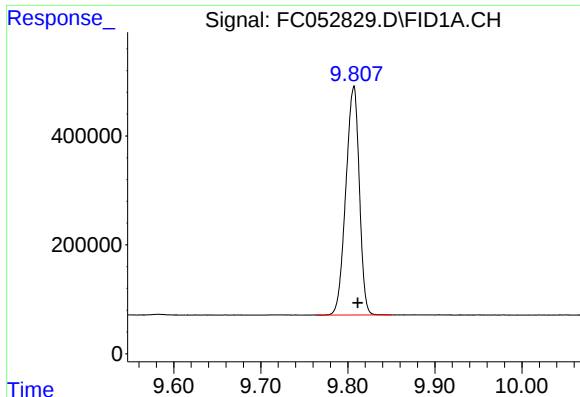
#4 n-Dodecane (C12)

R.T.: 6.407 min
Delta R.T.: -0.007 min
Response: 3936888
Conc: 32.79 ug/ml



#6 n-Tetradecane (C14)

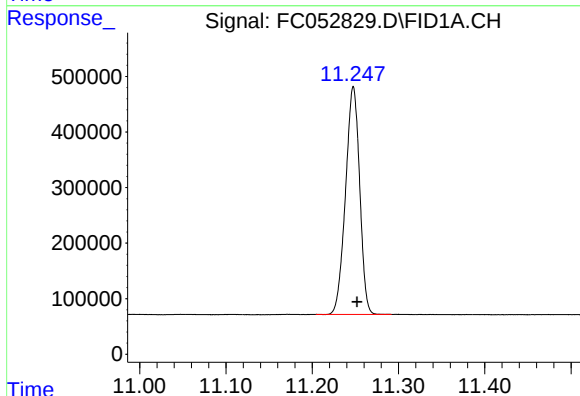
R.T.: 8.205 min
Delta R.T.: -0.006 min
Response: 4259900
Conc: 35.22 ug/ml



#7 n-Hexadecane (C16)

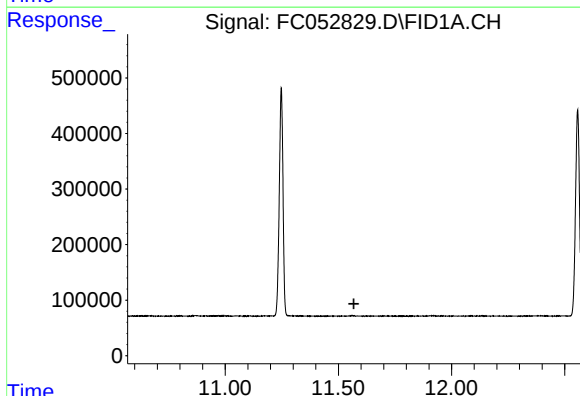
R.T.: 9.807 min
Delta R.T.: -0.005 min
Response: 4518826
Conc: 37.57 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECKS SOL 1



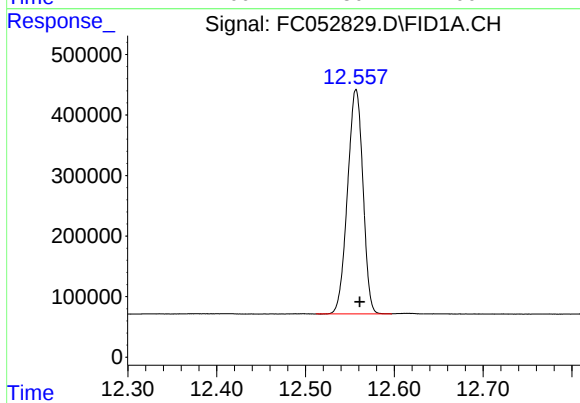
#8 n-Octadecane (C18)

R.T.: 11.248 min
Delta R.T.: -0.004 min
Response: 4665345
Conc: 36.98 ug/ml



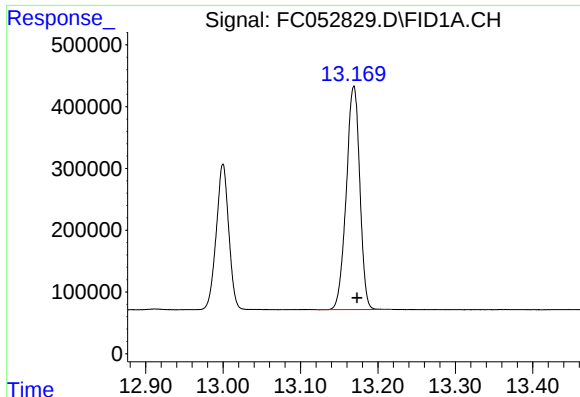
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

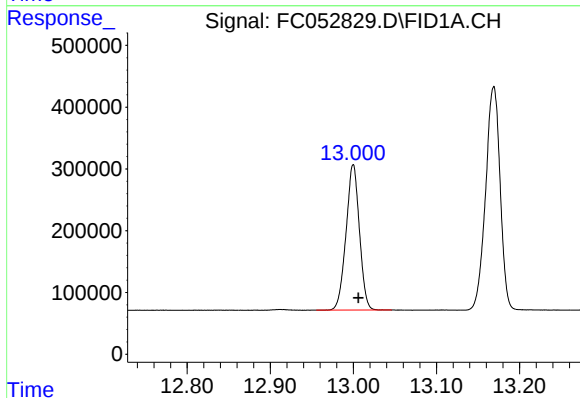
R.T.: 12.557 min
Delta R.T.: -0.004 min
Response: 4470552
Conc: 35.01 ug/ml



#11 n-Heneicosane (C21)

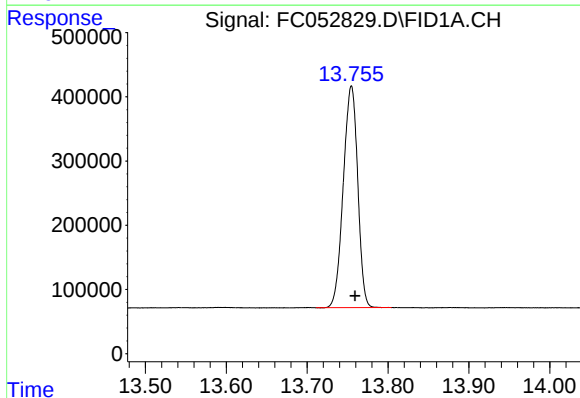
R.T.: 13.169 min
Delta R.T.: -0.004 min
Response: 4388608
Conc: 34.53 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECKS SOL 1



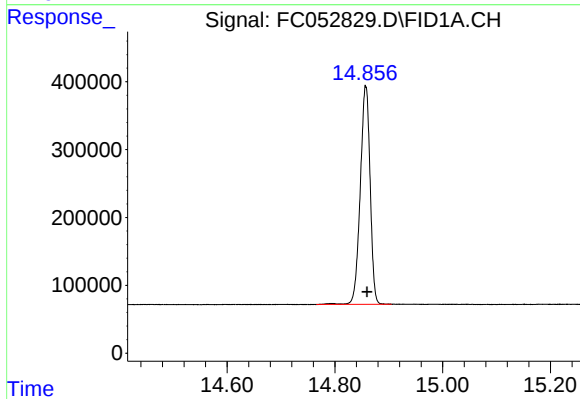
#12 1-chlorooctadecane (SURR)

R.T.: 13.000 min
Delta R.T.: -0.006 min
Response: 2636511
Conc: 24.44 ug/ml



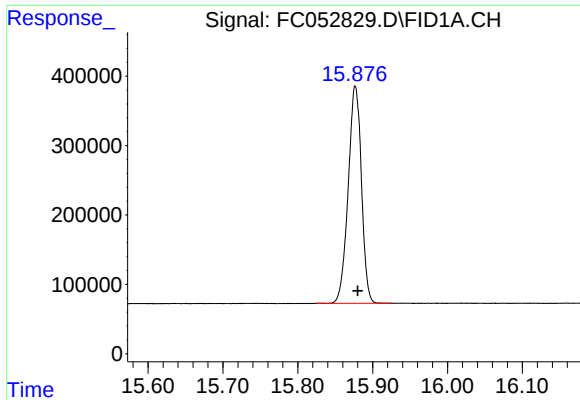
#13 n-Docosane (C22)

R.T.: 13.755 min
Delta R.T.: -0.005 min
Response: 4287411
Conc: 33.84 ug/ml



#14 n-Tetracosane (C24)

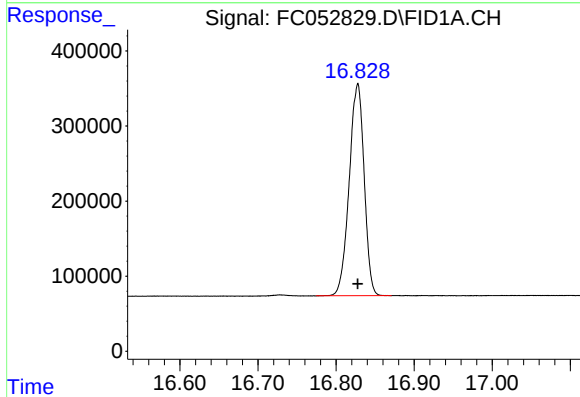
R.T.: 14.857 min
Delta R.T.: -0.002 min
Response: 4078678
Conc: 32.65 ug/ml



#15 n-Hexacosane (C26)

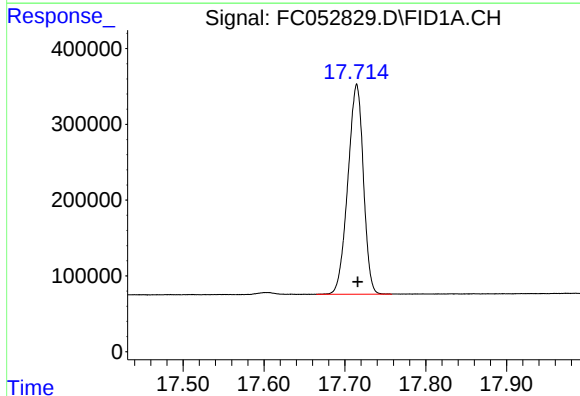
R.T.: 15.877 min
Delta R.T.: -0.004 min
Response: 3849472
Conc: 31.97 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECKS SOL 1



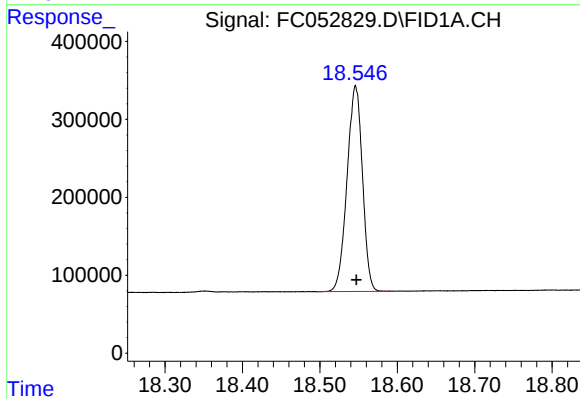
#16 n-Octacosane (C28)

R.T.: 16.828 min
Delta R.T.: 0.000 min
Response: 3760126
Conc: 32.61 ug/ml



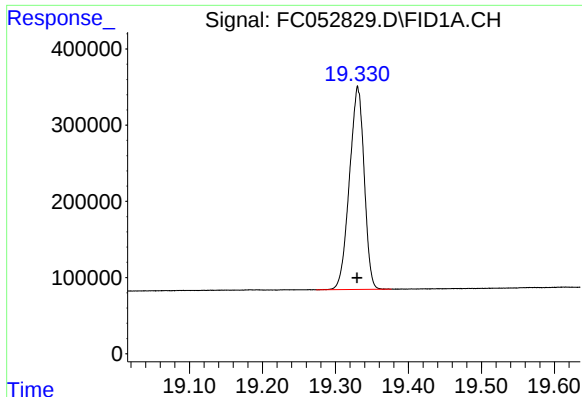
#17 n-Tricontane (C30)

R.T.: 17.715 min
Delta R.T.: -0.001 min
Response: 3692945
Conc: 33.90 ug/ml



#18 n-Dotriacontane (C32)

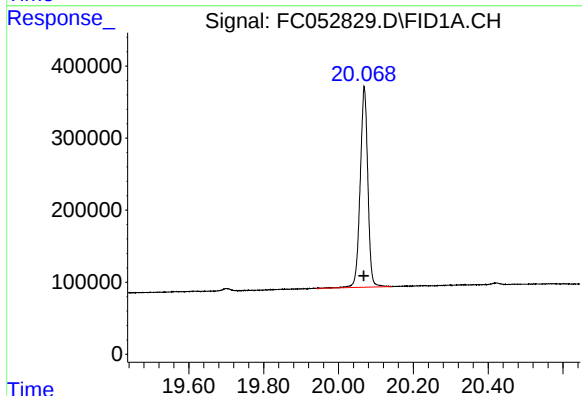
R.T.: 18.546 min
Delta R.T.: 0.000 min
Response: 3645377
Conc: 36.33 ug/ml



#19 n-Tetratriacontane (C34)

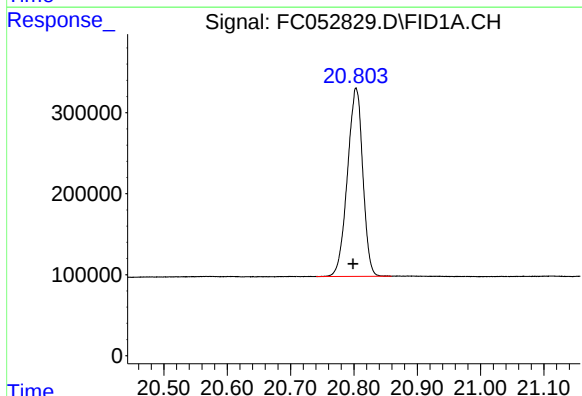
R.T.: 19.331 min
Delta R.T.: 0.001 min
Response: 3733402
Conc: 40.62 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECKS SOL 1



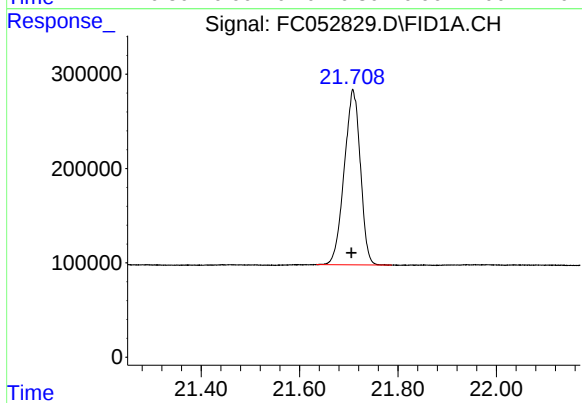
#20 n-Hexatriacontane (C36)

R.T.: 20.069 min
Delta R.T.: 0.001 min
Response: 3935428
Conc: 43.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.803 min
Delta R.T.: 0.004 min
Response: 3922060
Conc: 48.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.708 min
Delta R.T.: 0.003 min
Response: 4227504
Conc: 49.08 ug/ml