

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032521AL\
 Data File : FC052714.D
 Signal(s) : FID1A.CH
 Acq On : 25 Mar 2021 12:45
 Operator : DD\AJ
 Sample : FCS CHECK SOL 4
 Misc : LOT#M02142C2 E3060
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 FCS CHECK SOL 4

Integration File: autoint1.e
 Quant Time: Mar 26 01:03:42 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	2551187	23.653 ug/ml
Spiked Amount 50.000		Recovery =	47.31%
Target Compounds			
1) T n-Nonane (C9)	3.324	2334670	20.101 ug/ml
2) T n-Decane (C10)	4.390	2996562	25.571 ug/ml
4) T n-Dodecane (C12)	6.410	3826695	31.872 ug/ml
6) T n-Tetradecane (C14)	8.206	4075110	33.694 ug/ml
7) T n-Hexadecane (C16)	9.807	4333781	36.034 ug/ml
8) T n-Octadecane (C18)	11.250	4477562	35.488 ug/ml
10) T n-Eicosane (C20)	12.559	4259517	33.357 ug/ml
11) T n-Heneicosane (C21)	13.172	4168862	32.798 ug/ml
13) T n-Docosane (C22)	13.757	4078120	32.192 ug/ml
14) T n-Tetracosane (C24)	14.861	3836173	30.709 ug/ml
15) T n-Hexacosane (C26)	15.881	3654234	30.348 ug/ml
16) T n-Octacosane (C28)	16.830	3529648	30.614 ug/ml
17) T n-Tricontane (C30)	17.717	3415761	31.352 ug/ml
18) T n-Dotriacontane (C32)	18.549	3329701	33.185 ug/ml
19) T n-Tetratriacontane (C34)	19.332	3398659	36.974 ug/ml
20) T n-Hexatriacontane (C36)	20.072	3525386	38.661 ug/ml
21) T n-Octatriacontane (C38)	20.806	3585210	43.928 ug/ml
22) T n-Tetracontane (C40)	21.709	3870398	44.932 ug/ml

(f)=RT Delta > 1/2 Window

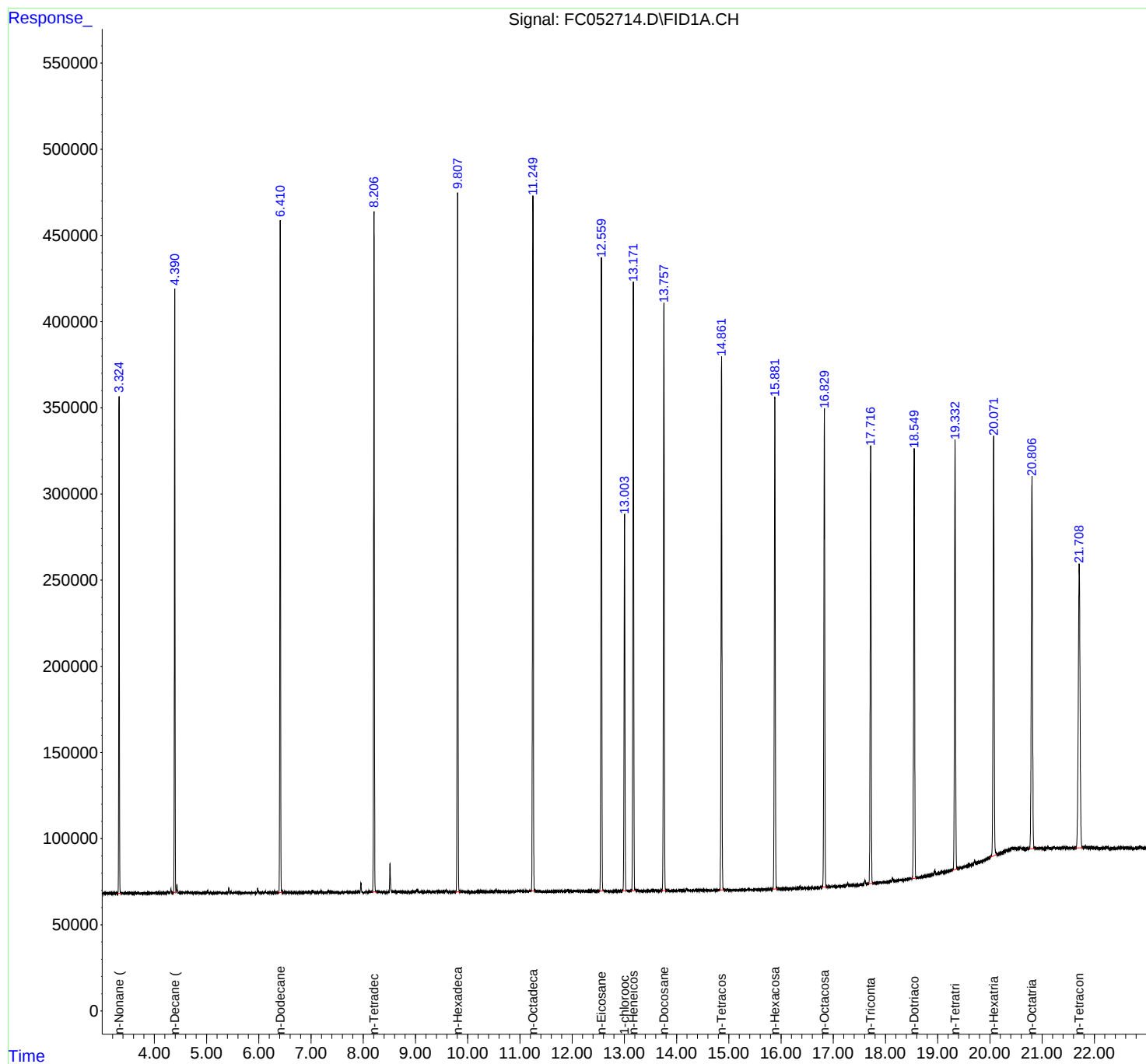
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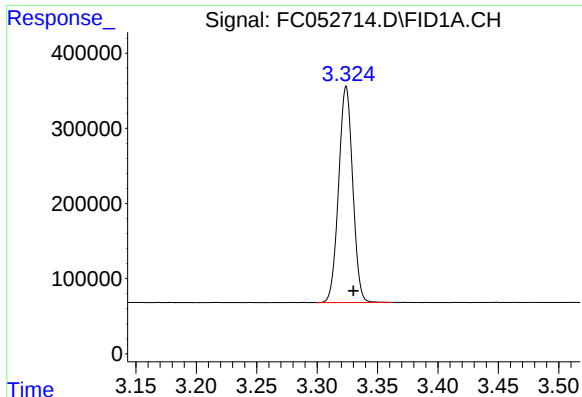
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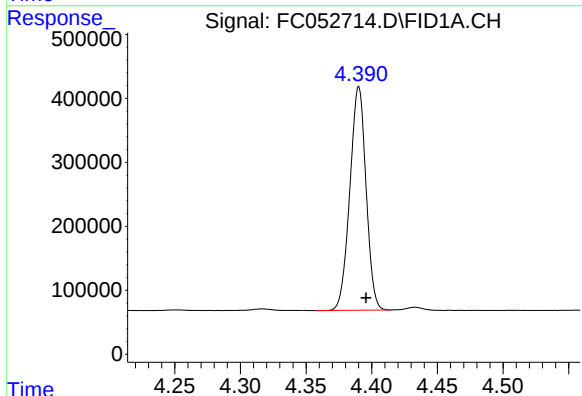




#1 n-Nonane (C9)

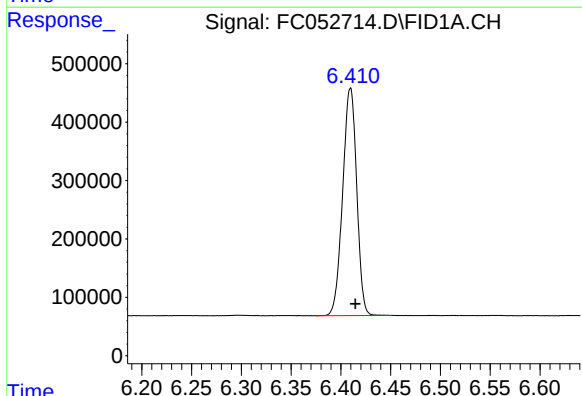
R.T.: 3.324 min
Delta R.T.: -0.006 min
Response: 2334670
Conc: 20.10 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 4



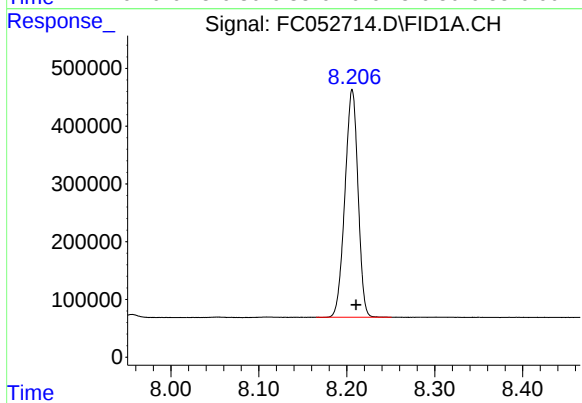
#2 n-Decane (C10)

R.T.: 4.390 min
Delta R.T.: -0.006 min
Response: 2996562
Conc: 25.57 ug/ml



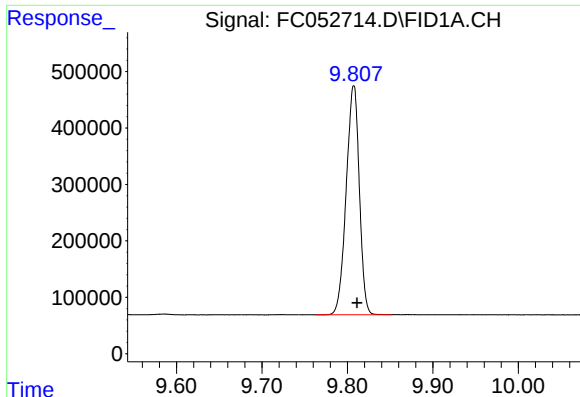
#4 n-Dodecane (C12)

R.T.: 6.410 min
Delta R.T.: -0.005 min
Response: 3826695
Conc: 31.87 ug/ml



#6 n-Tetradecane (C14)

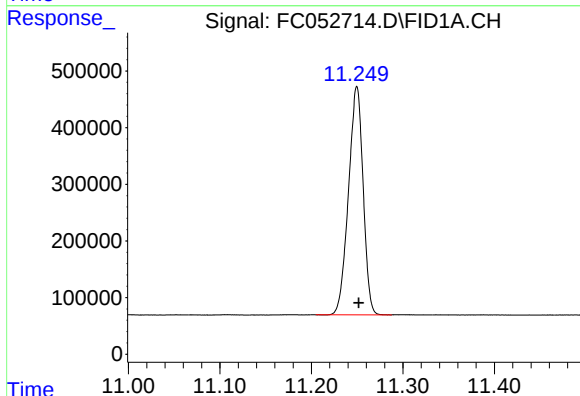
R.T.: 8.206 min
Delta R.T.: -0.004 min
Response: 4075110
Conc: 33.69 ug/ml



#7 n-Hexadecane (C16)

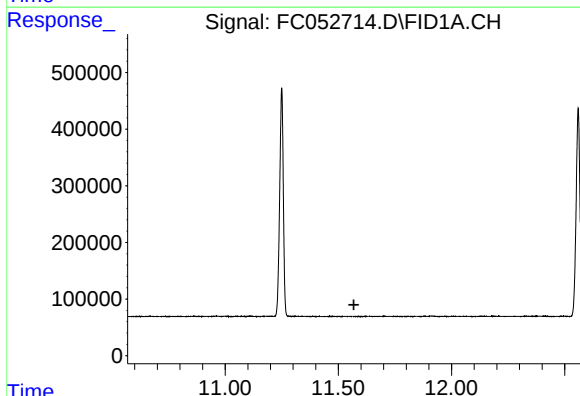
R.T.: 9.807 min
Delta R.T.: -0.004 min
Response: 4333781
Conc: 36.03 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 4



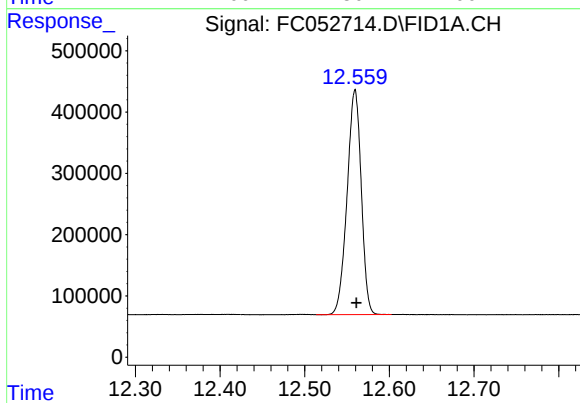
#8 n-Octadecane (C18)

R.T.: 11.250 min
Delta R.T.: -0.002 min
Response: 4477562
Conc: 35.49 ug/ml



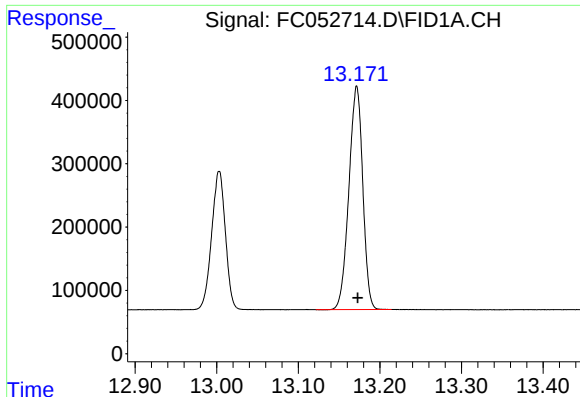
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

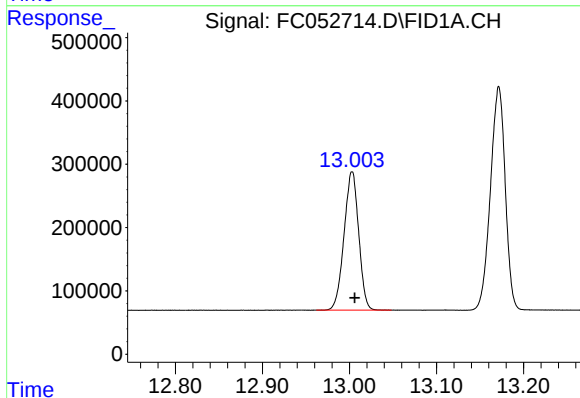
R.T.: 12.559 min
Delta R.T.: -0.002 min
Response: 4259517
Conc: 33.36 ug/ml



#11 n-Heneicosane (C21)

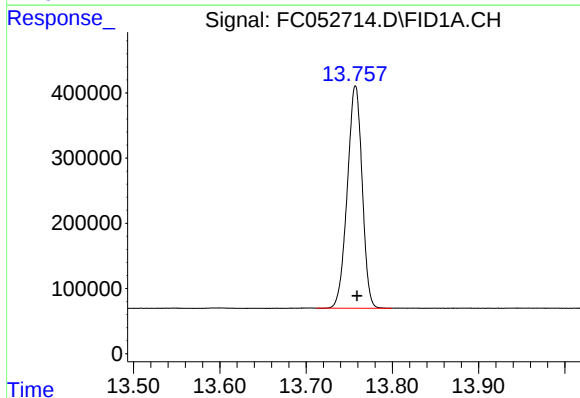
R.T.: 13.172 min
Delta R.T.: -0.001 min
Response: 4168862
Conc: 32.80 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 4



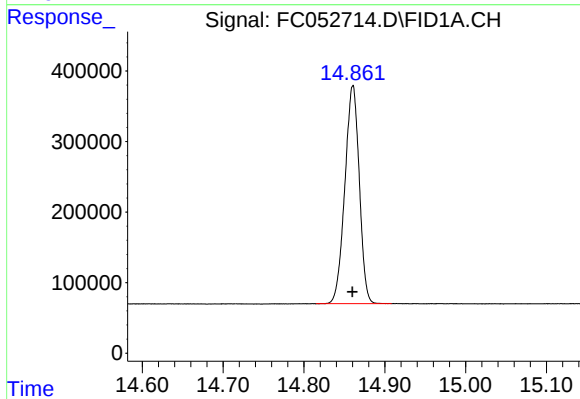
#12 1-chlorooctadecane (SURR)

R.T.: 13.003 min
Delta R.T.: -0.003 min
Response: 2551187
Conc: 23.65 ug/ml



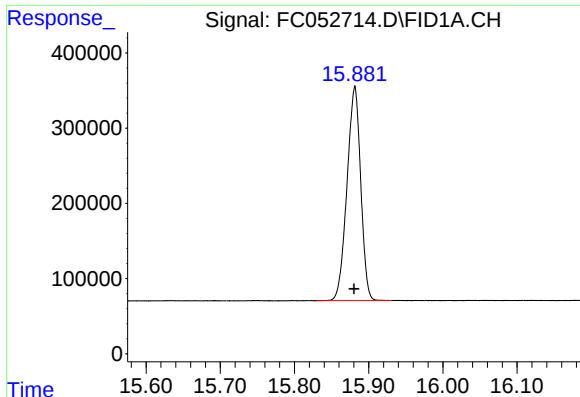
#13 n-Docosane (C22)

R.T.: 13.757 min
Delta R.T.: -0.002 min
Response: 4078120
Conc: 32.19 ug/ml



#14 n-Tetracosane (C24)

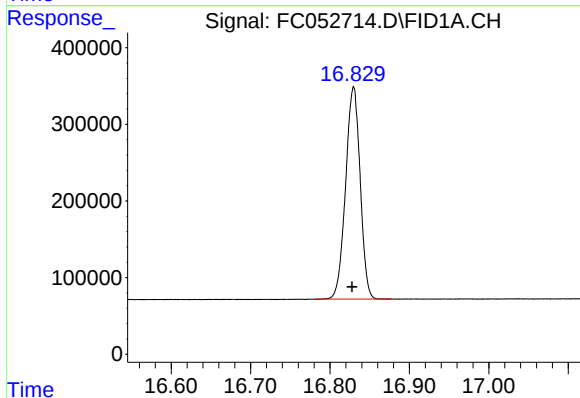
R.T.: 14.861 min
Delta R.T.: 0.000 min
Response: 3836173
Conc: 30.71 ug/ml



#15 n-Hexacosane (C26)

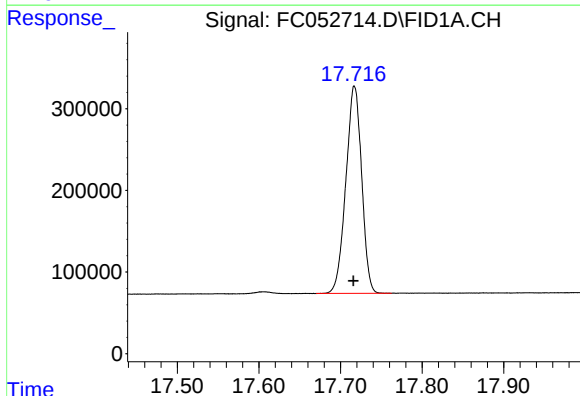
R.T.: 15.881 min
Delta R.T.: 0.001 min
Response: 3654234
Conc: 30.35 ug/ml

Instrument :
FID_C
ClientSampleId :
FCS CHECK SOL 4



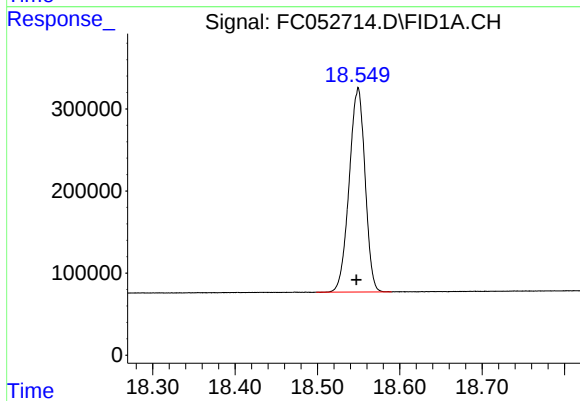
#16 n-Octacosane (C28)

R.T.: 16.830 min
Delta R.T.: 0.002 min
Response: 3529648
Conc: 30.61 ug/ml



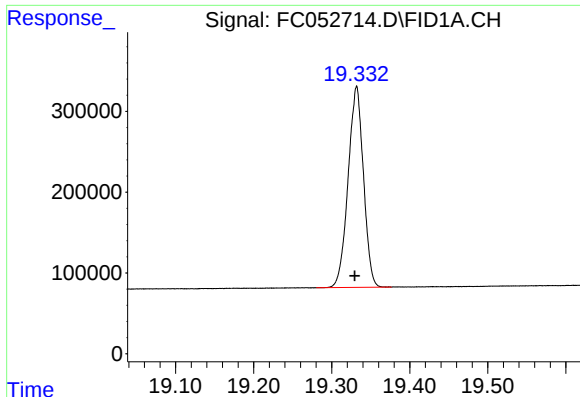
#17 n-Tricontane (C30)

R.T.: 17.717 min
Delta R.T.: 0.001 min
Response: 3415761
Conc: 31.35 ug/ml



#18 n-Dotriacontane (C32)

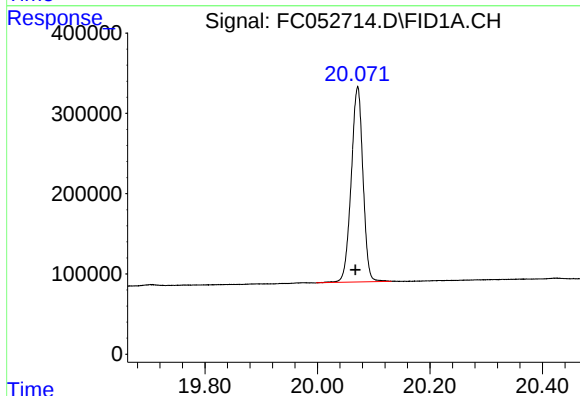
R.T.: 18.549 min
Delta R.T.: 0.002 min
Response: 3329701
Conc: 33.18 ug/ml



#19 n-Tetratriacontane (C34)

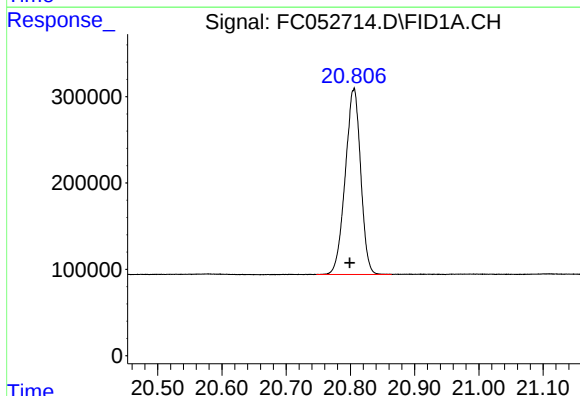
R.T.: 19.332 min
Delta R.T.: 0.003 min
Response: 3398659
Conc: 36.97 ug/ml

Instrument :
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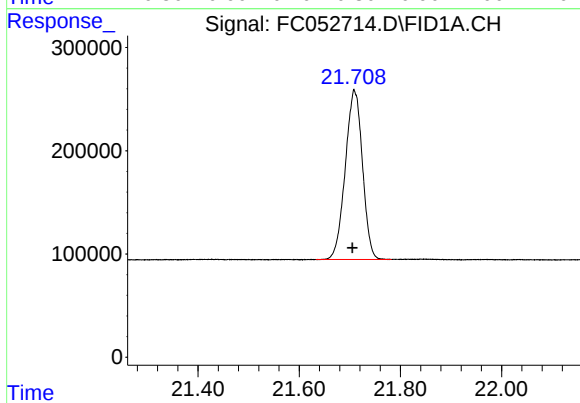
#20 n-Hexatriacontane (C36)

R.T.: 20.072 min
Delta R.T.: 0.004 min
Response: 3525386
Conc: 38.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.806 min
Delta R.T.: 0.007 min
Response: 3585210
Conc: 43.93 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.709 min
Delta R.T.: 0.003 min
Response: 3870398
Conc: 44.93 ug/ml