

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061322AL\
 Data File : FD042890.D
 Signal(s) : FID2B.CH
 Acq On : 13 Jun 2022 17:19
 Operator : UA/NP
 Sample : N1645-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 14 01:58:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 07:55:57 2022
 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)	11.571	425666	2.563 ug/ml
Spiked Amount 50.000		Recovery =	5.13%
12) S 1-chlorooctadecane (S...	13.011	4495252	34.420 ug/ml
Spiked Amount 50.000		Recovery =	68.84%
Target Compounds			
1) T n-Nonane (C9)	3.340	410181	2.961 ug/ml
2) T n-Decane (C10)	4.408	531453	3.849 ug/ml
4) T n-Dodecane (C12)	6.423	851395	6.008 ug/ml
6) T n-Tetradecane (C14)	8.216	673812	4.679 ug/ml
7) T n-Hexadecane (C16)	9.815	677001	4.590 ug/ml
8) T n-Octadecane (C18)	11.255	723916	4.810 ug/ml
10) T n-Eicosane (C20)	12.564	764129	5.081 ug/ml
11) T n-Heneicosane (C21)	13.175	774514	5.116 ug/ml
13) T n-Docosane (C22)	13.761	777777	5.145 ug/ml
14) T n-Tetracosane (C24)	14.862	779456	5.194 ug/ml
15) T n-Hexacosane (C26)	15.881	738414	5.065 ug/ml
16) T n-Octacosane (C28)	16.829	721315	5.172 ug/ml
17) T n-Tricontane (C30)	17.715	726197	5.554 ug/ml
18) T n-Dotriacontane (C32)	18.546	706100	5.980 ug/ml
19) T n-Tetratriacontane (C34)	19.327	623539	5.866 ug/ml
20) T n-Hexatriacontane (C36)	20.065	515166	5.269 ug/ml
21) T n-Octatriacontane (C38)	20.796	474519	5.202 ug/ml
22) T n-Tetracontane (C40)	21.695	468166	5.777 ug/ml

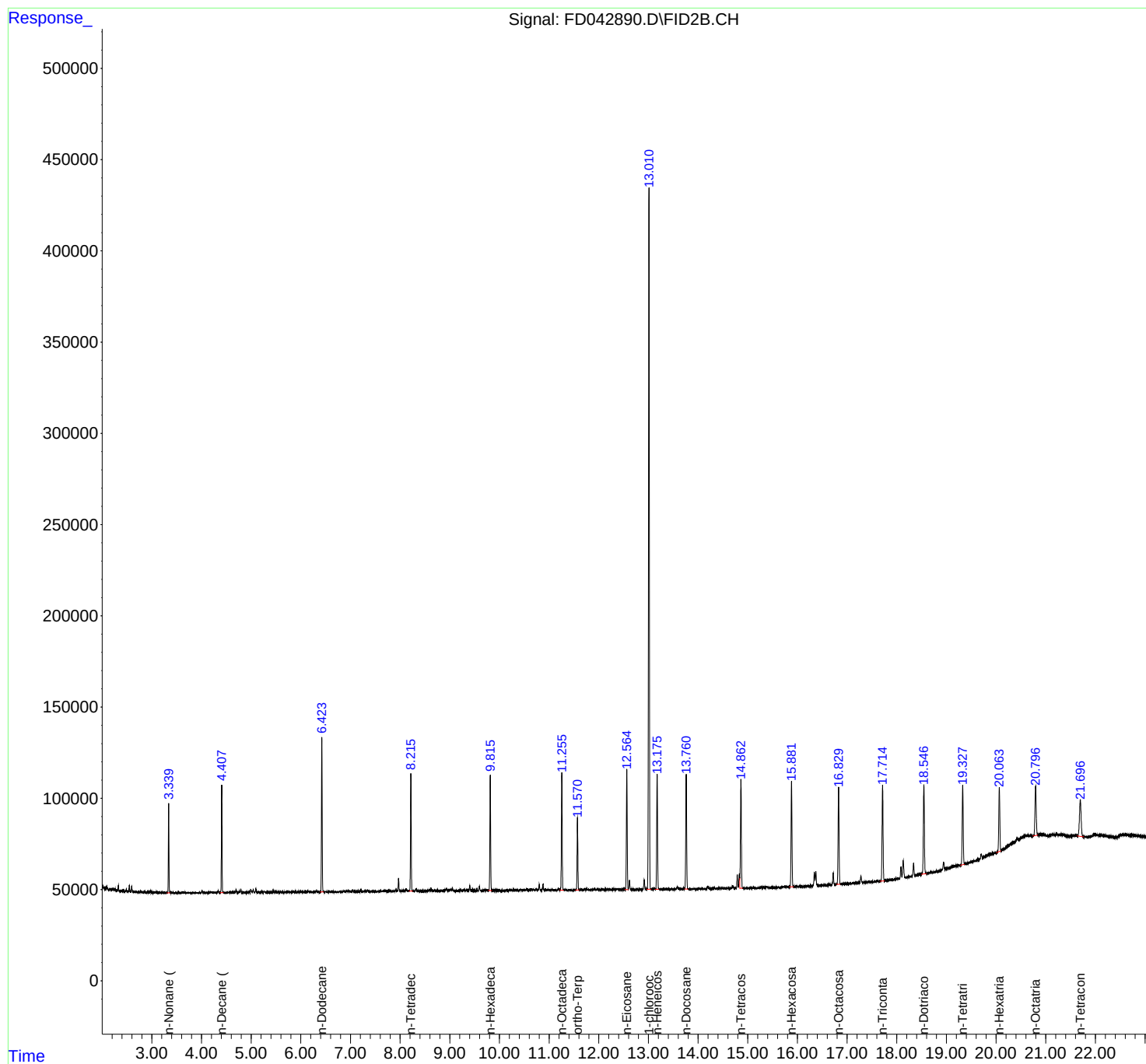
(f)=RT Delta > 1/2 Window

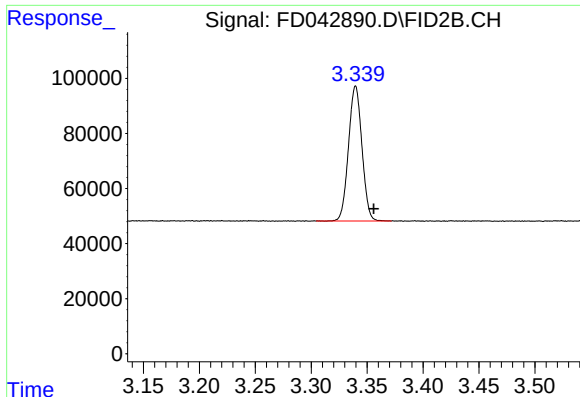
(m)=manual int.

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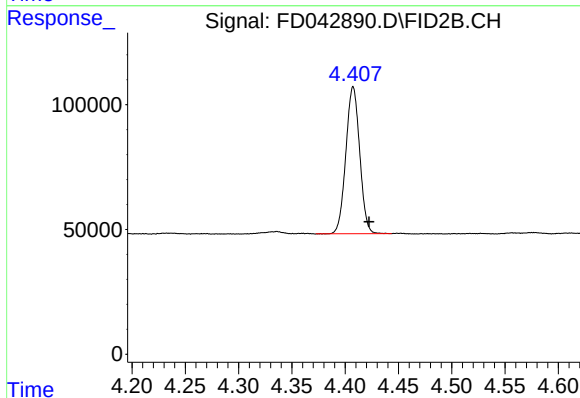
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





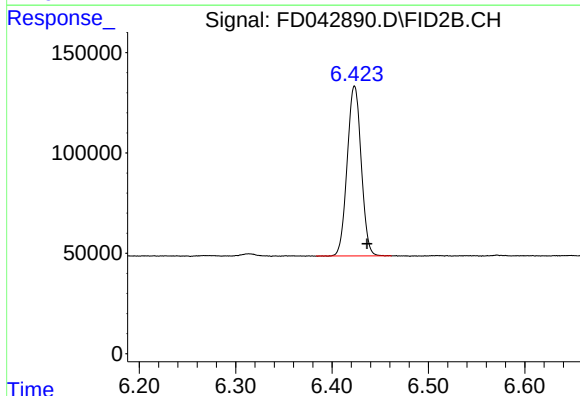
#1 n-Nonane (C9)

R.T.: 3.340 min
Delta R.T.: -0.016 min
Response: 410181
Conc: 2.96 ug/ml



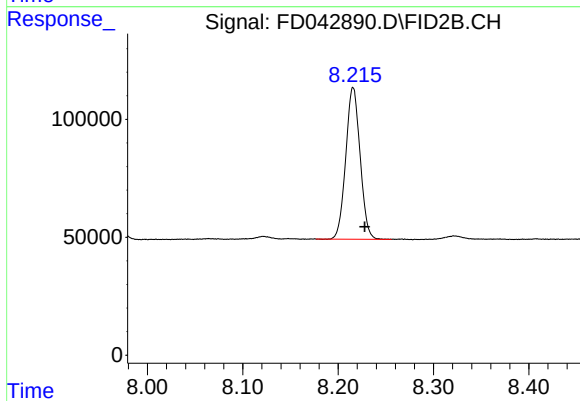
#2 n-Decane (C10)

R.T.: 4.408 min
Delta R.T.: -0.015 min
Response: 531453
Conc: 3.85 ug/ml



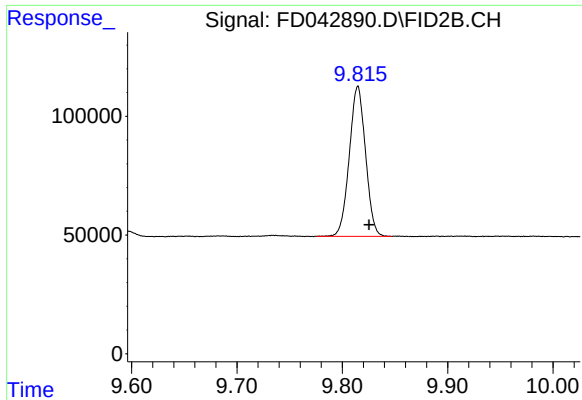
#4 n-Dodecane (C12)

R.T.: 6.423 min
Delta R.T.: -0.013 min
Response: 851395
Conc: 6.01 ug/ml



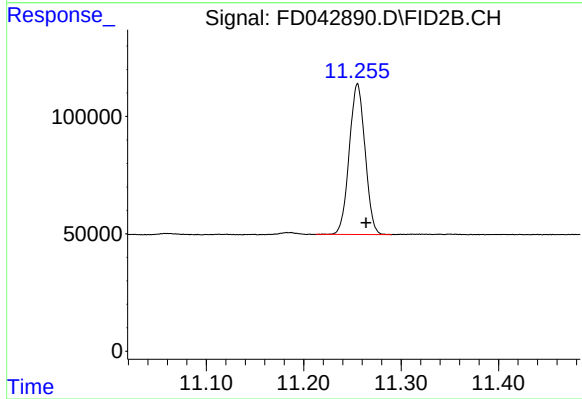
#6 n-Tetradecane (C14)

R.T.: 8.216 min
Delta R.T.: -0.012 min
Response: 673812
Conc: 4.68 ug/ml



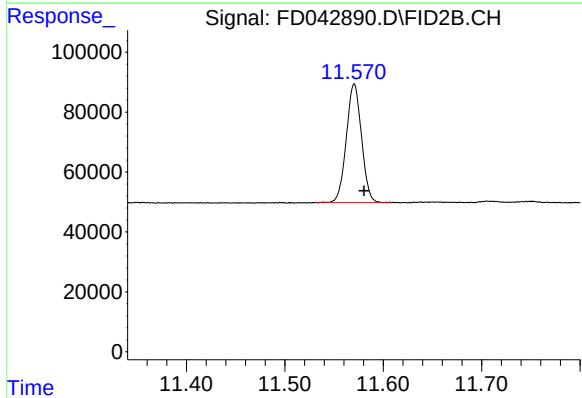
#7 n-Hexadecane (C16)

R.T.: 9.815 min
Delta R.T.: -0.011 min
Response: 677001
Conc: 4.59 ug/ml



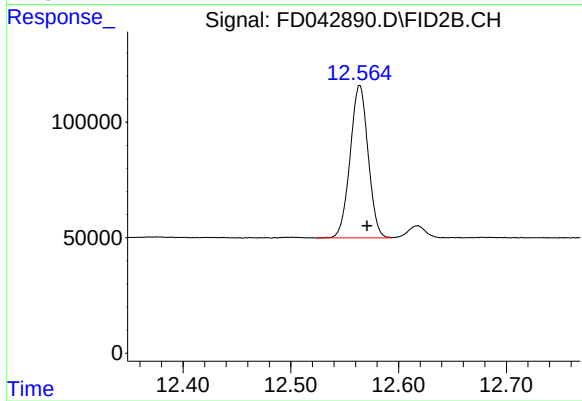
#8 n-Octadecane (C18)

R.T.: 11.255 min
Delta R.T.: -0.009 min
Response: 723916
Conc: 4.81 ug/ml



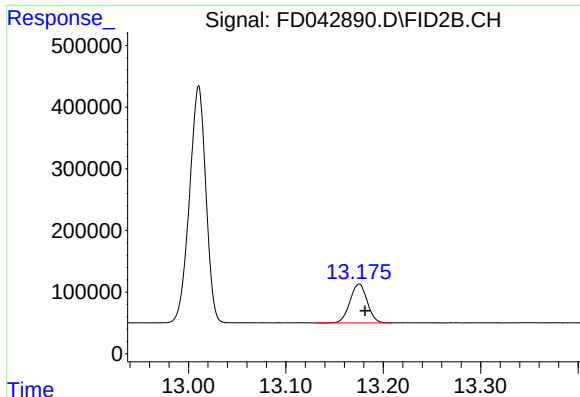
#9 ortho-Terphenyl (SURR)

R.T.: 11.571 min
Delta R.T.: -0.010 min
Response: 425666
Conc: 2.56 ug/ml



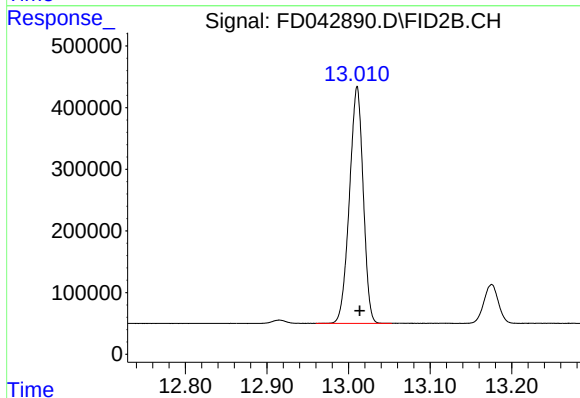
#10 n-Eicosane (C20)

R.T.: 12.564 min
Delta R.T.: -0.007 min
Response: 764129
Conc: 5.08 ug/ml



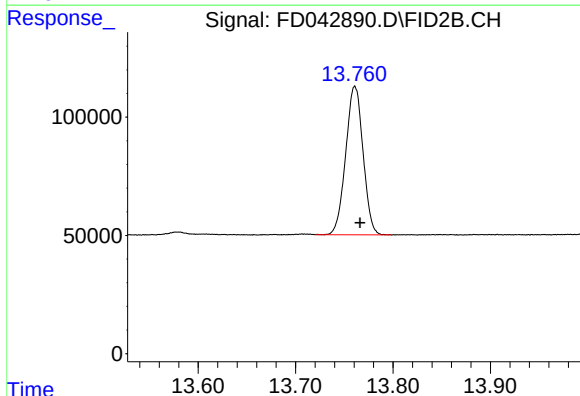
#11 n-Heneicosane (C21)

R.T.: 13.175 min
Delta R.T.: -0.006 min
Response: 774514
Conc: 5.12 ug/ml



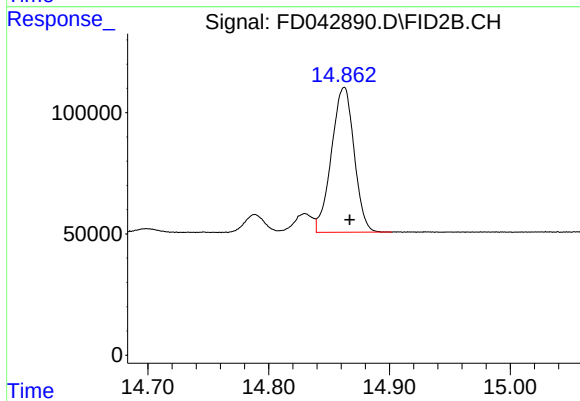
#12 1-chlorooctadecane (SURR)

R.T.: 13.011 min
Delta R.T.: -0.003 min
Response: 4495252
Conc: 34.42 ug/ml



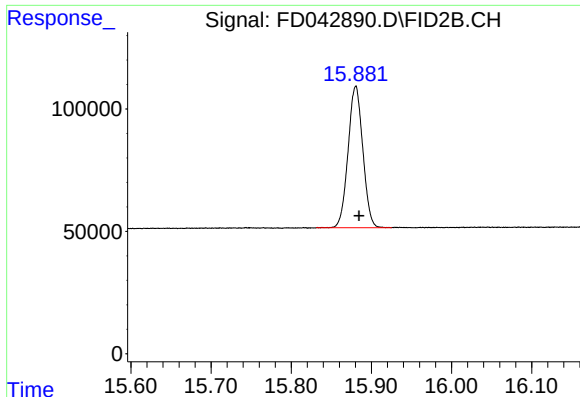
#13 n-Docosane (C22)

R.T.: 13.761 min
Delta R.T.: -0.005 min
Response: 777777
Conc: 5.15 ug/ml



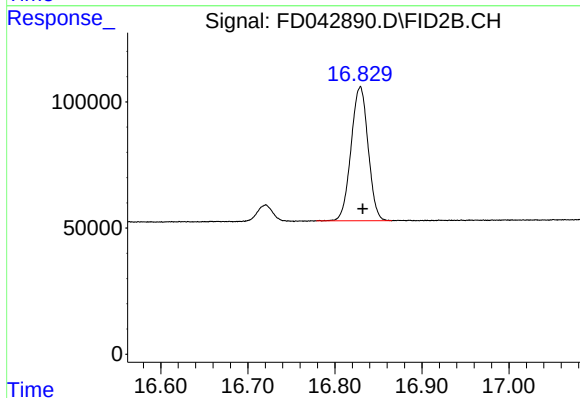
#14 n-Tetracosane (C24)

R.T.: 14.862 min
Delta R.T.: -0.005 min
Response: 779456
Conc: 5.19 ug/ml



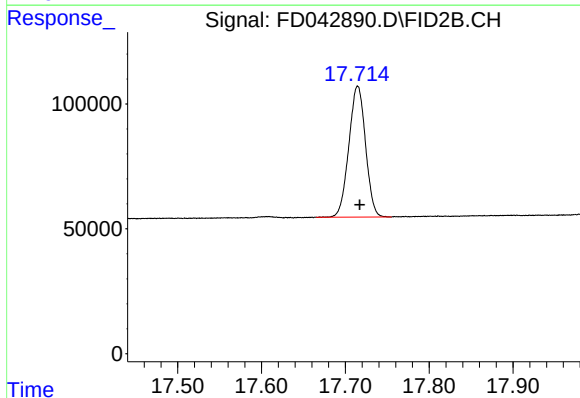
#15 n-Hexacosane (C26)

R.T.: 15.881 min
Delta R.T.: -0.004 min
Response: 738414
Conc: 5.06 ug/ml



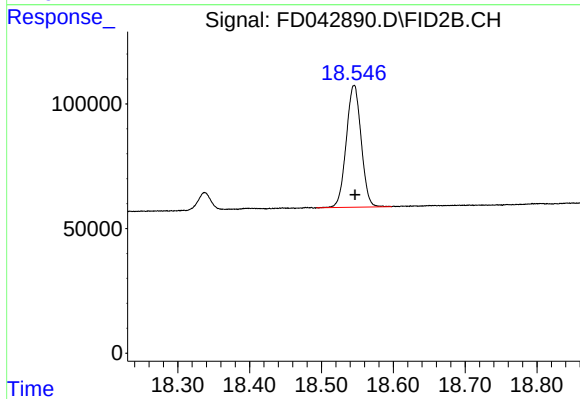
#16 n-Octacosane (C28)

R.T.: 16.829 min
Delta R.T.: -0.003 min
Response: 721315
Conc: 5.17 ug/ml



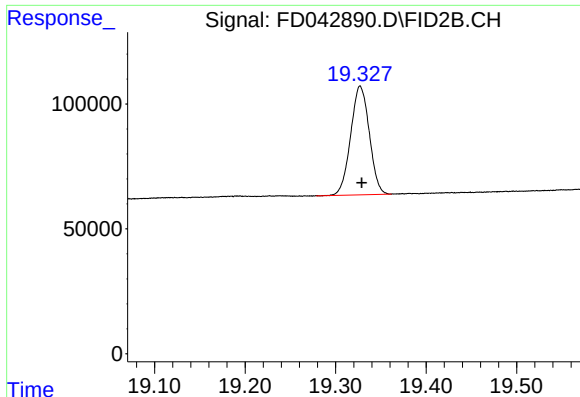
#17 n-Tricontane (C30)

R.T.: 17.715 min
Delta R.T.: -0.002 min
Response: 726197
Conc: 5.55 ug/ml



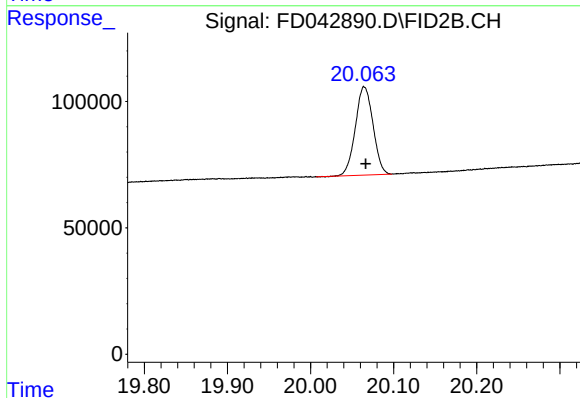
#18 n-Dotriacontane (C32)

R.T.: 18.546 min
Delta R.T.: -0.001 min
Response: 706100
Conc: 5.98 ug/ml



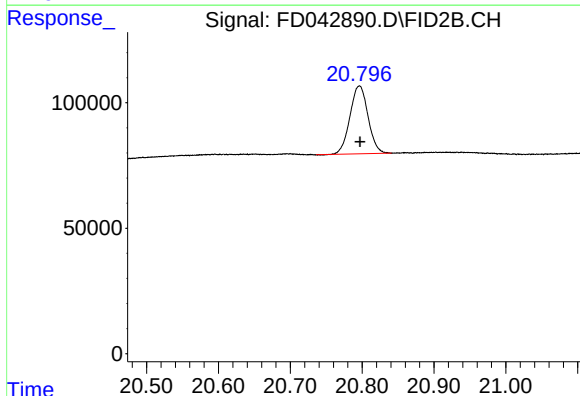
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: -0.002 min
Response: 623539
Conc: 5.87 ug/ml



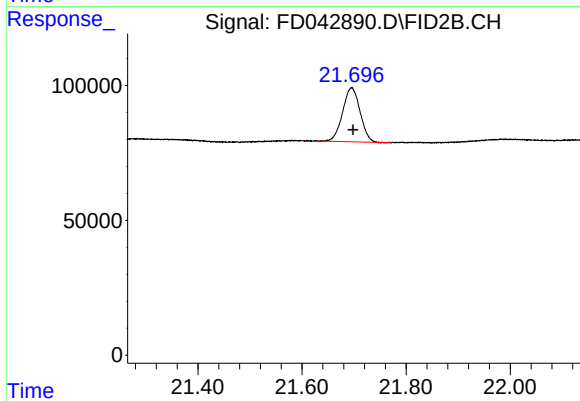
#20 n-Hexatriacontane (C36)

R.T.: 20.065 min
Delta R.T.: -0.002 min
Response: 515166
Conc: 5.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.796 min
Delta R.T.: 0.000 min
Response: 474519
Conc: 5.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.695 min
Delta R.T.: -0.003 min
Response: 468166
Conc: 5.78 ug/ml