

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010522AL\
 Data File : FD040458.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jan 2022 9:09
 Operator : AJ\MA
 Sample : M4068-08
 Misc : LOQ 5 PPM
 ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 06 10:07:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 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			
12) S 1-chlorooctadecane (S...	12.069	5122489	43.519 ug/ml
Spiked Amount 50.000		Recovery =	87.04%
Target Compounds			
1) T n-Nonane (C9)	2.572	701051	5.461 ug/ml
2) T n-Decane (C10)	3.559	709784	5.512 ug/ml
4) T n-Dodecane (C12)	5.528	732562	5.731 ug/ml
6) T n-Tetradecane (C14)	7.305	750569	5.794 ug/ml
7) T n-Hexadecane (C16)	8.894	769282	5.905 ug/ml
8) T n-Octadecane (C18)	10.325	795643	5.872 ug/ml
10) T n-Eicosane (C20)	11.627	784438	5.767 ug/ml
11) T n-Heneicosane (C21)	12.235	782211	5.649 ug/ml
13) T n-Docosane (C22)	12.818	775762	5.626 ug/ml
14) T n-Tetracosane (C24)	13.914	749203	5.358 ug/ml
15) T n-Hexacosane (C26)	14.929	727778	5.280 ug/ml
16) T n-Octacosane (C28)	15.874	718774	5.297 ug/ml
17) T n-Tricontane (C30)	16.757	716611	5.498 ug/ml
18) T n-Dotriacontane (C32)	17.585	702317	5.875 ug/ml
19) T n-Tetratriacontane (C34)	18.366	687377	6.528 ug/ml
20) T n-Hexatriacontane (C36)	19.102	661236	6.525 ug/ml
21) T n-Octatriacontane (C38)	19.802	630277	7.054 ug/ml
22) T n-Tetracontane (C40)	20.602	623567	7.295 ug/ml

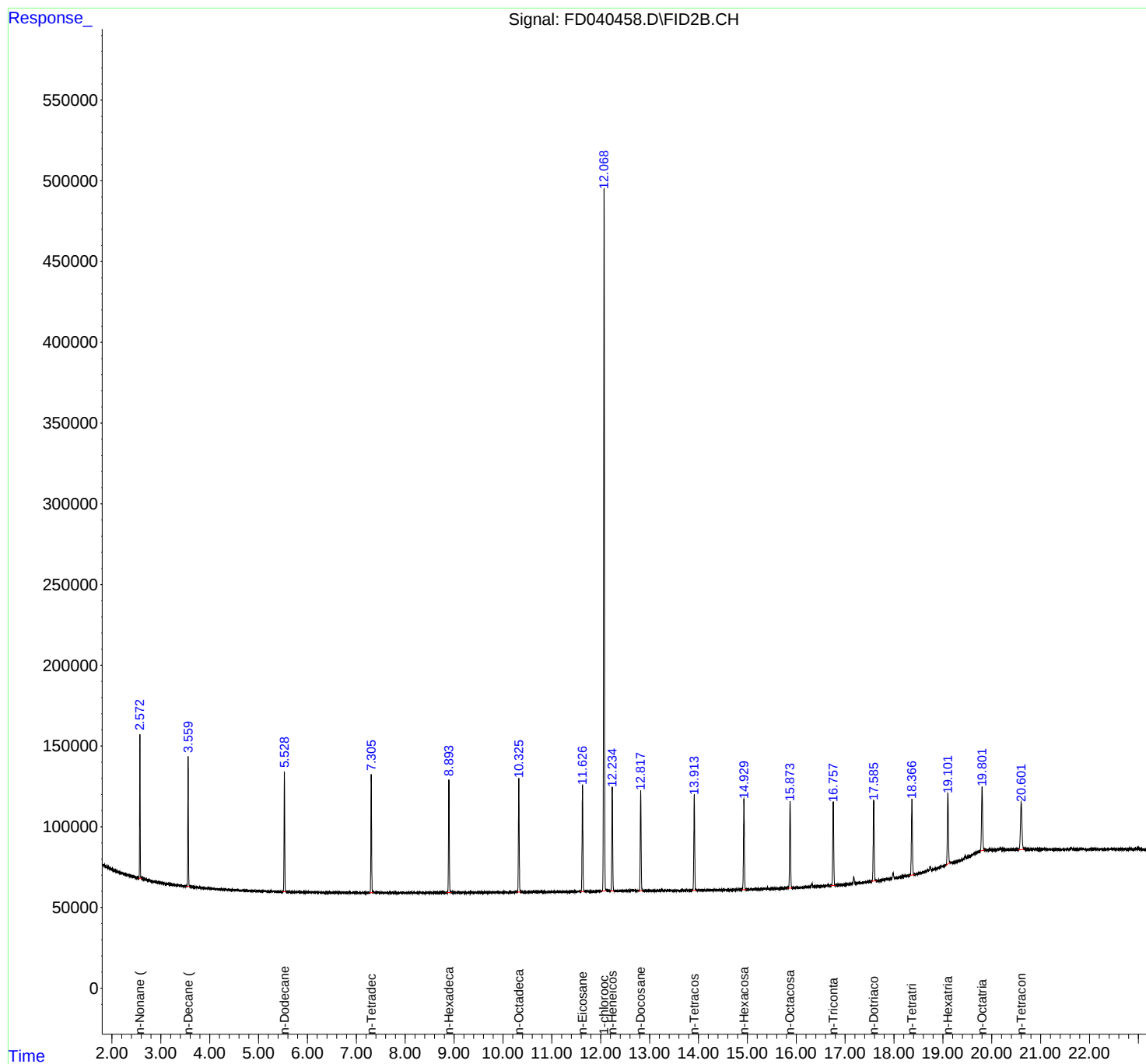
(f)=RT Delta > 1/2 Window

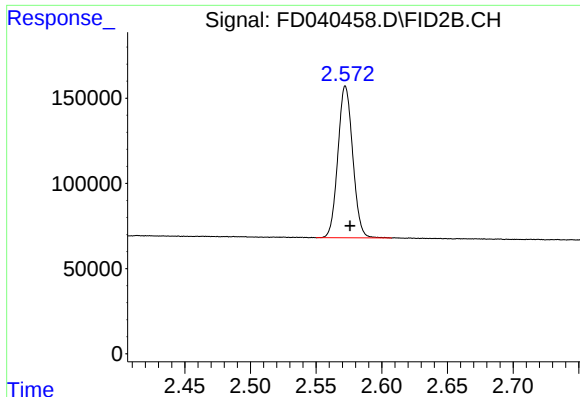
(m)=manual int.

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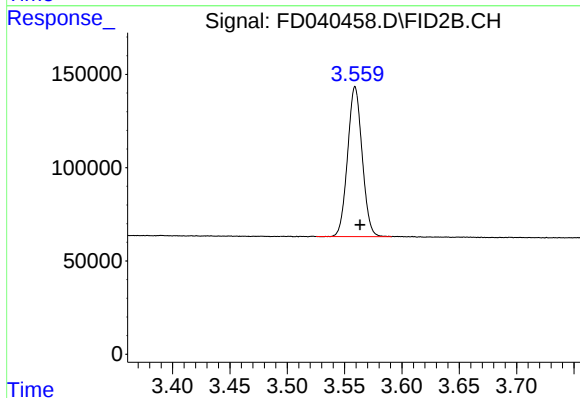
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Signal Info : 20M x 0.18mm x 0.18um





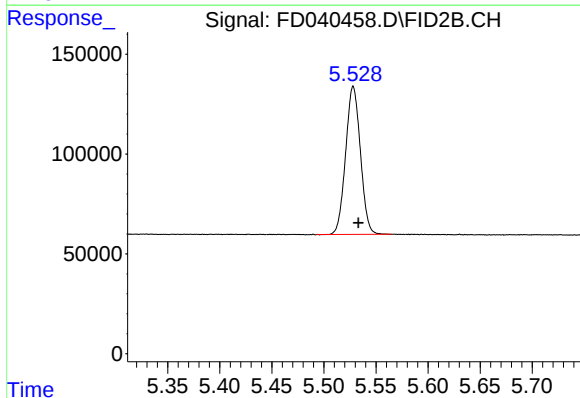
#1 n-Nonane (C9)

R.T.: 2.572 min
Delta R.T.: -0.004 min
Response: 701051
Conc: 5.46 ug/ml



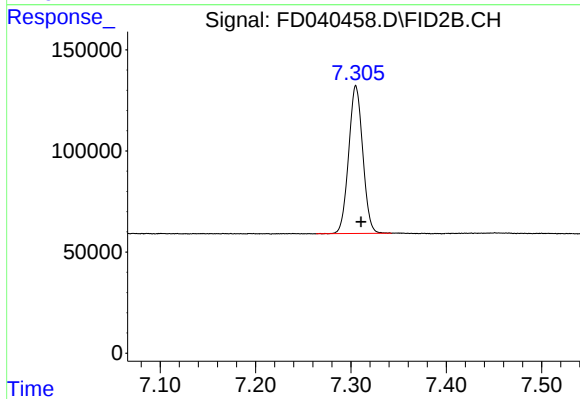
#2 n-Decane (C10)

R.T.: 3.559 min
Delta R.T.: -0.004 min
Response: 709784
Conc: 5.51 ug/ml



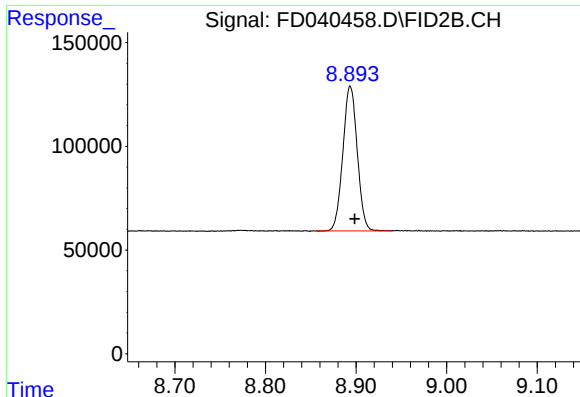
#4 n-Dodecane (C12)

R.T.: 5.528 min
Delta R.T.: -0.005 min
Response: 732562
Conc: 5.73 ug/ml



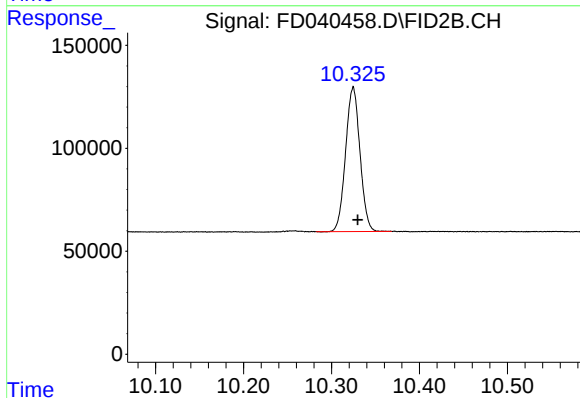
#6 n-Tetradecane (C14)

R.T.: 7.305 min
Delta R.T.: -0.005 min
Response: 750569
Conc: 5.79 ug/ml



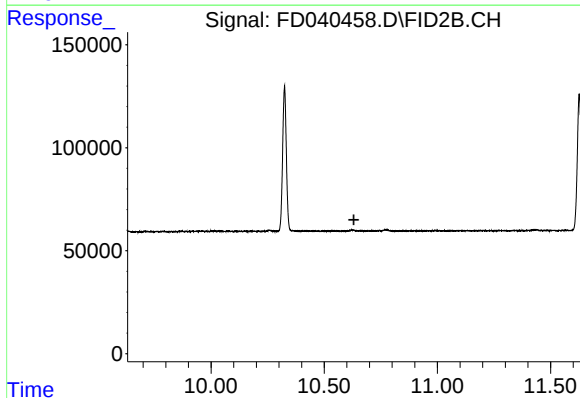
#7 n-Hexadecane (C16)

R.T.: 8.894 min
Delta R.T.: -0.005 min
Response: 769282
Conc: 5.90 ug/ml



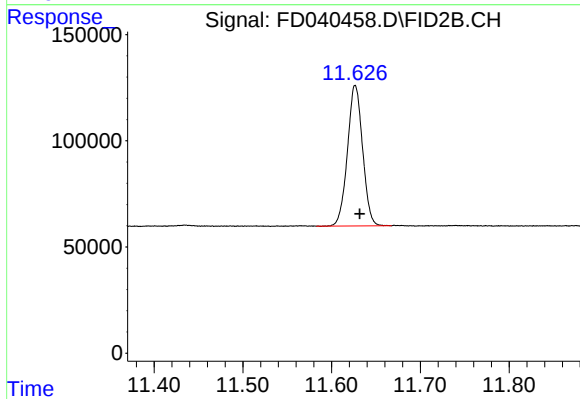
#8 n-Octadecane (C18)

R.T.: 10.325 min
Delta R.T.: -0.005 min
Response: 795643
Conc: 5.87 ug/ml



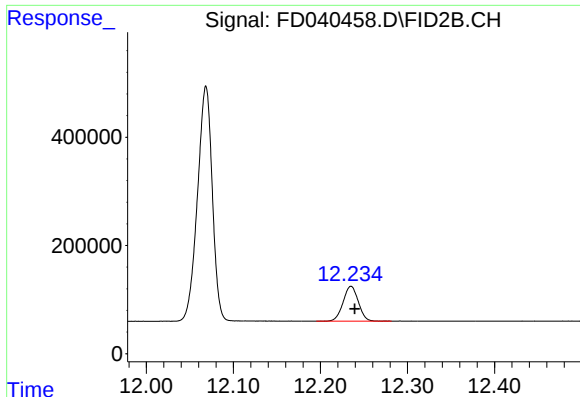
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.631 min
Response: 0
Conc: N.D.



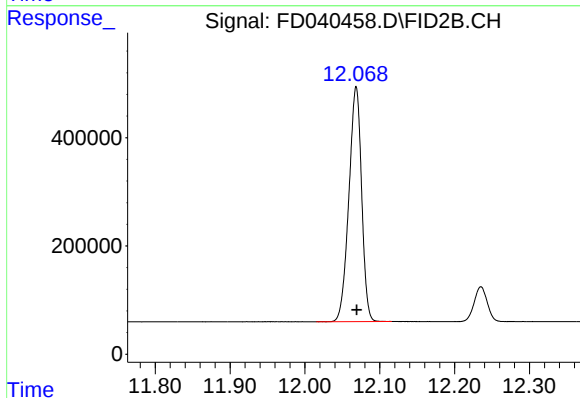
#10 n-Eicosane (C20)

R.T.: 11.627 min
Delta R.T.: -0.005 min
Response: 784438
Conc: 5.77 ug/ml



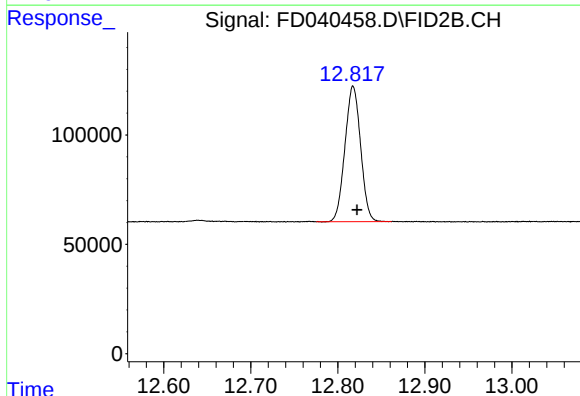
#11 n-Heneicosane (C21)

R.T.: 12.235 min
Delta R.T.: -0.004 min
Response: 782211
Conc: 5.65 ug/ml



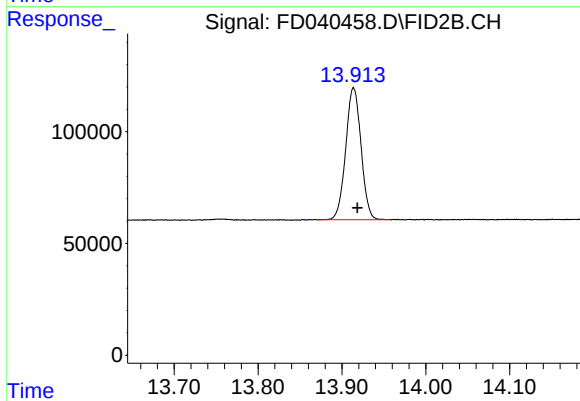
#12 1-chlorooctadecane (SURR)

R.T.: 12.069 min
Delta R.T.: 0.000 min
Response: 5122489
Conc: 43.52 ug/ml



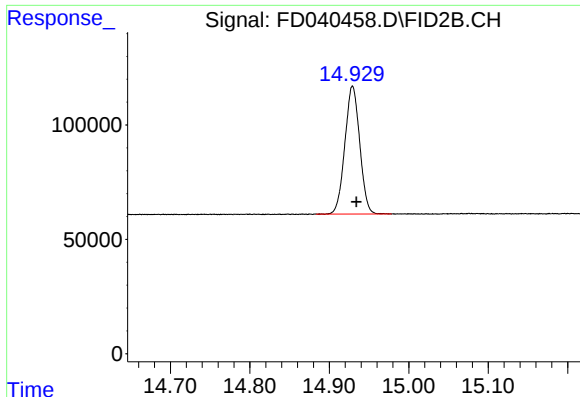
#13 n-Docosane (C22)

R.T.: 12.818 min
Delta R.T.: -0.004 min
Response: 775762
Conc: 5.63 ug/ml



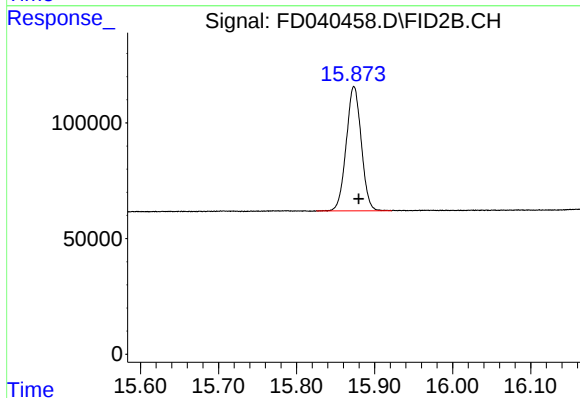
#14 n-Tetracosane (C24)

R.T.: 13.914 min
Delta R.T.: -0.005 min
Response: 749203
Conc: 5.36 ug/ml



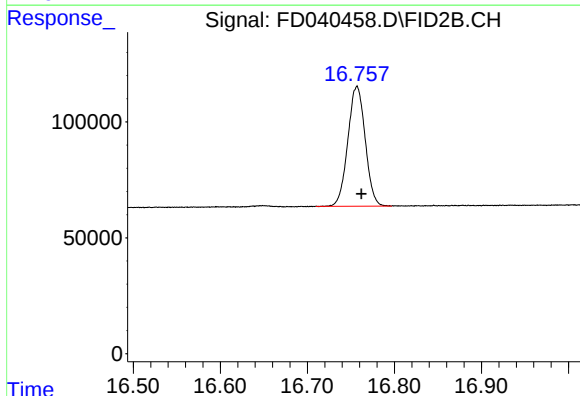
#15 n-Hexacosane (C26)

R.T.: 14.929 min
Delta R.T.: -0.005 min
Response: 727778
Conc: 5.28 ug/ml



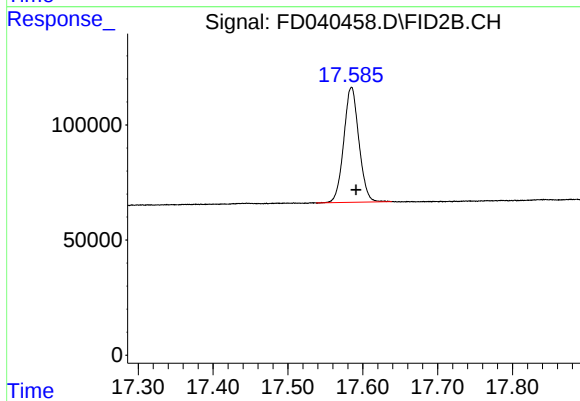
#16 n-Octacosane (C28)

R.T.: 15.874 min
Delta R.T.: -0.006 min
Response: 718774
Conc: 5.30 ug/ml



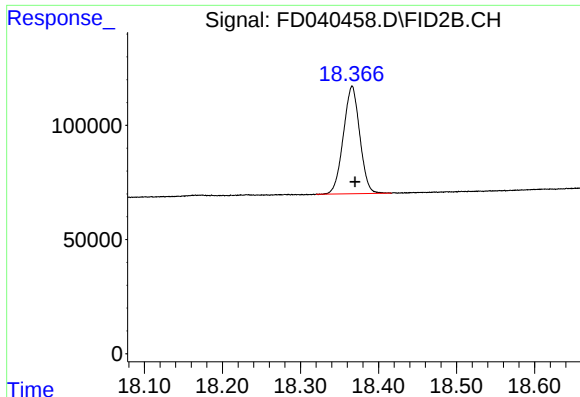
#17 n-Tricontane (C30)

R.T.: 16.757 min
Delta R.T.: -0.005 min
Response: 716611
Conc: 5.50 ug/ml



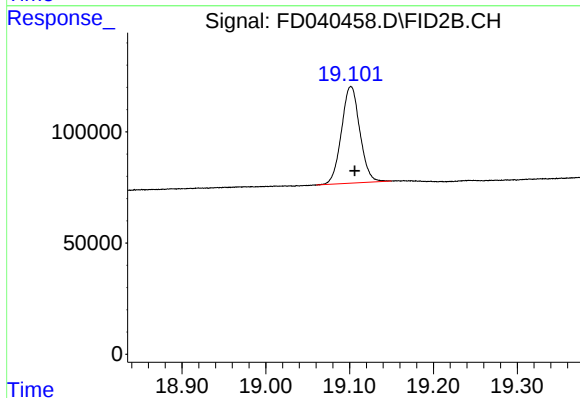
#18 n-Dotriacontane (C32)

R.T.: 17.585 min
Delta R.T.: -0.006 min
Response: 702317
Conc: 5.87 ug/ml



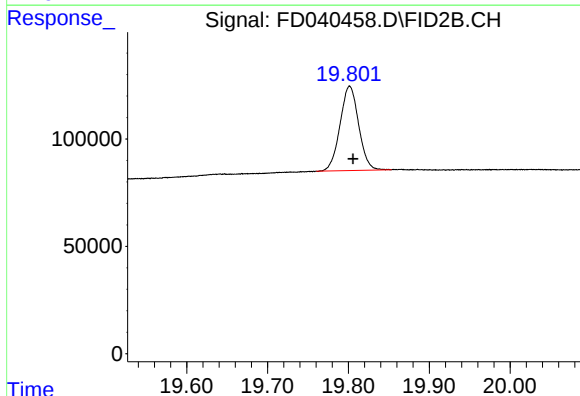
#19 n-Tetratriacontane (C34)

R.T.: 18.366 min
Delta R.T.: -0.004 min
Response: 687377
Conc: 6.53 ug/ml



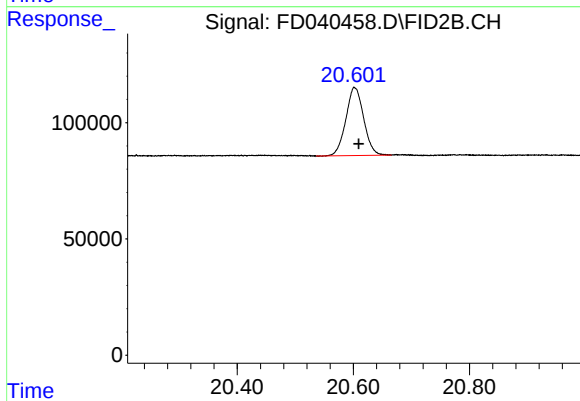
#20 n-Hexatriacontane (C36)

R.T.: 19.102 min
Delta R.T.: -0.005 min
Response: 661236
Conc: 6.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.802 min
Delta R.T.: -0.004 min
Response: 630277
Conc: 7.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.602 min
Delta R.T.: -0.007 min
Response: 623567
Conc: 7.29 ug/ml