

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010522AL\
 Data File : FD040453.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jan 2022 6:19
 Operator : AJ\MA
 Sample : M4068-01
 Misc : LOD 4 PPM
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 06 06:53:28 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...	12.070	6546952	55.621 ug/ml
Spiked Amount 50.000		Recovery =	111.24%
Target Compounds			
1) T n-Nonane (C9)	2.574	577845	4.501 ug/ml
2) T n-Decane (C10)	3.561	583151	4.529 ug/ml
4) T n-Dodecane (C12)	5.530	602114	4.711 ug/ml
6) T n-Tetradecane (C14)	7.307	615744	4.753 ug/ml
7) T n-Hexadecane (C16)	8.895	629767	4.834 ug/ml
8) T n-Octadecane (C18)	10.326	649507	4.793 ug/ml
10) T n-Eicosane (C20)	11.628	636514	4.680 ug/ml
11) T n-Heneicosane (C21)	12.235	633323	4.574 ug/ml
13) T n-Docosane (C22)	12.819	627200	4.549 ug/ml
14) T n-Tetracosane (C24)	13.915	606012	4.334 ug/ml
15) T n-Hexacosane (C26)	14.931	586790	4.257 ug/ml
16) T n-Octacosane (C28)	15.875	580492	4.278 ug/ml
17) T n-Tricontane (C30)	16.759	578292	4.437 ug/ml
18) T n-Dotriacontane (C32)	17.587	566456	4.738 ug/ml
19) T n-Tetratriacontane (C34)	18.367	555659	5.277 ug/ml
20) T n-Hexatriacontane (C36)	19.103	535458	5.284 ug/ml
21) T n-Octatriacontane (C38)	19.804	518105	5.799 ug/ml
22) T n-Tetracontane (C40)	20.608	504300	5.900 ug/ml

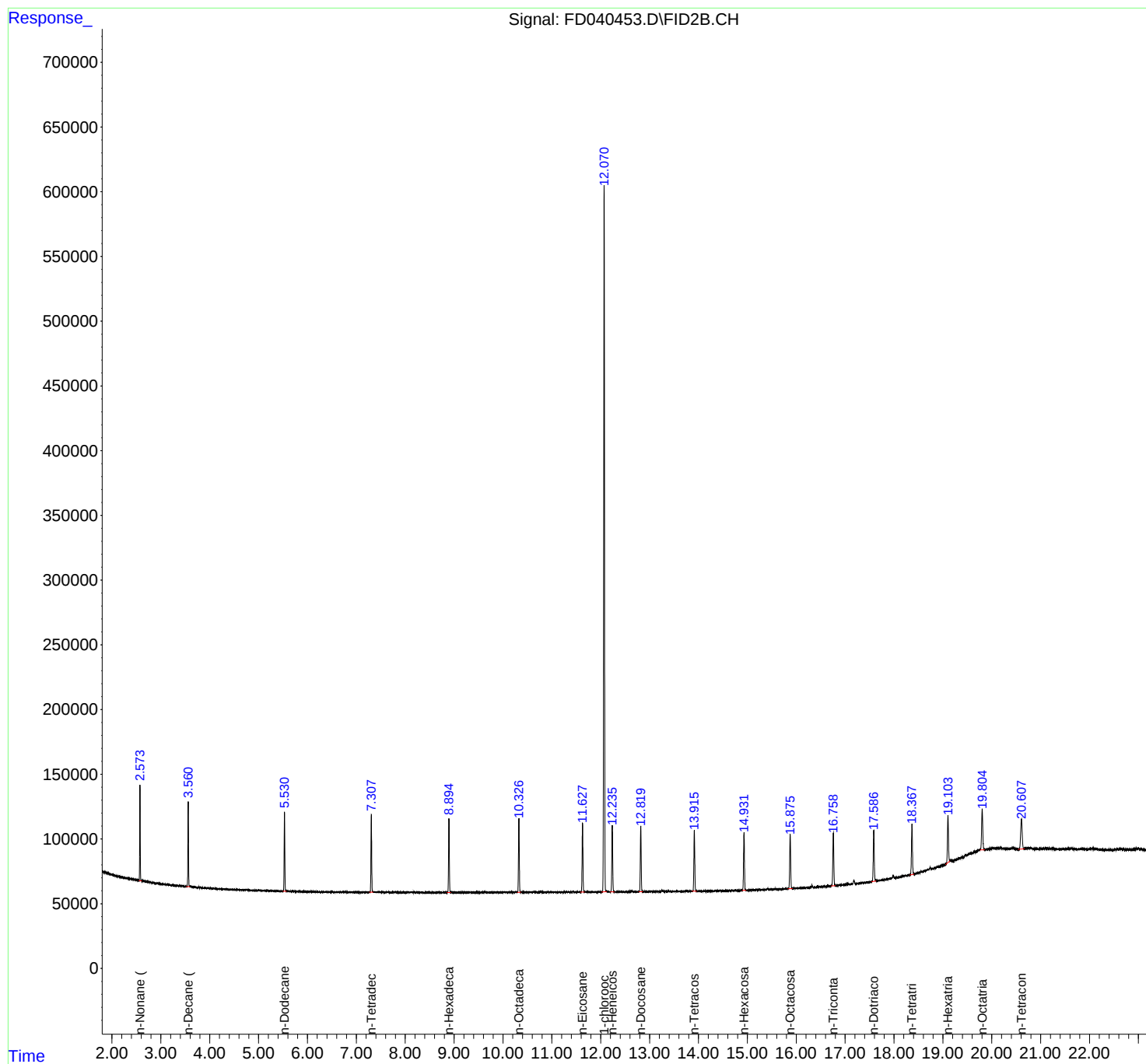
(f)=RT Delta > 1/2 Window

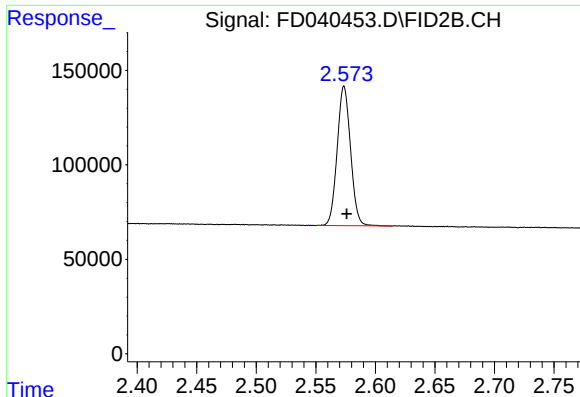
(m)=manual int.

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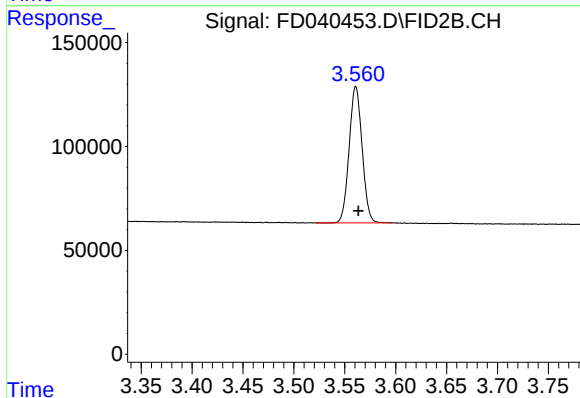
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Signal Info : 20M x 0.18mm x 0.18um





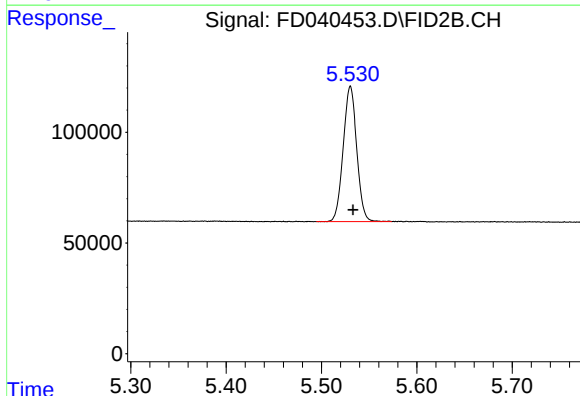
#1 n-Nonane (C9)

R.T.: 2.574 min
Delta R.T.: -0.002 min
Response: 577845
Conc: 4.50 ug/ml



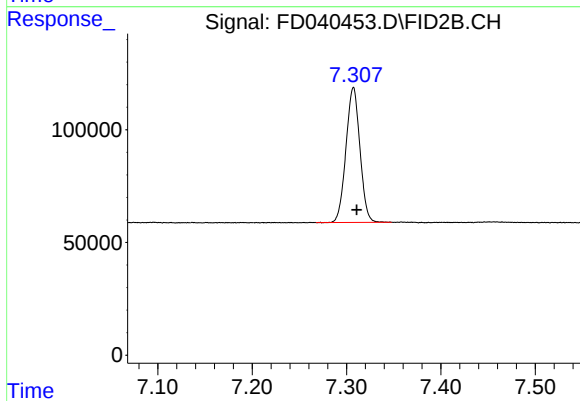
#2 n-Decane (C10)

R.T.: 3.561 min
Delta R.T.: -0.002 min
Response: 583151
Conc: 4.53 ug/ml



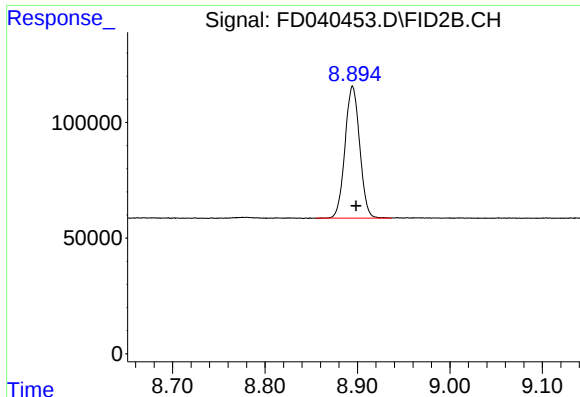
#4 n-Dodecane (C12)

R.T.: 5.530 min
Delta R.T.: -0.003 min
Response: 602114
Conc: 4.71 ug/ml



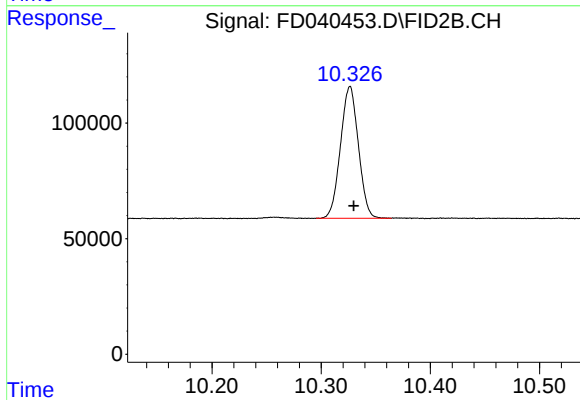
#6 n-Tetradecane (C14)

R.T.: 7.307 min
Delta R.T.: -0.003 min
Response: 615744
Conc: 4.75 ug/ml



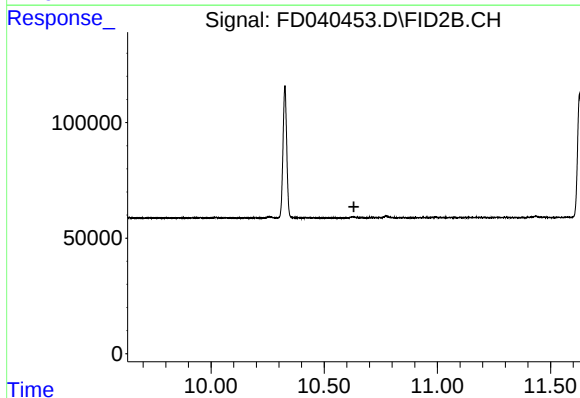
#7 n-Hexadecane (C16)

R.T.: 8.895 min
Delta R.T.: -0.004 min
Response: 629767
Conc: 4.83 ug/ml



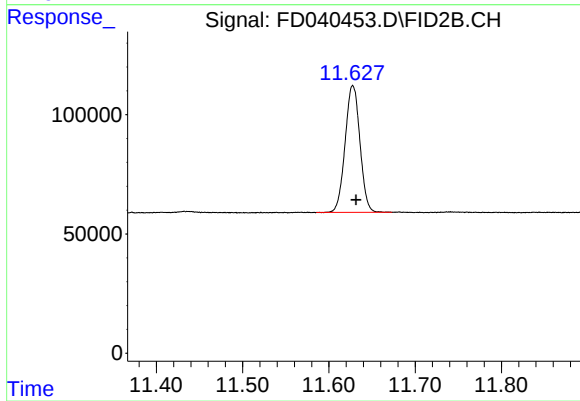
#8 n-Octadecane (C18)

R.T.: 10.326 min
Delta R.T.: -0.003 min
Response: 649507
Conc: 4.79 ug/ml



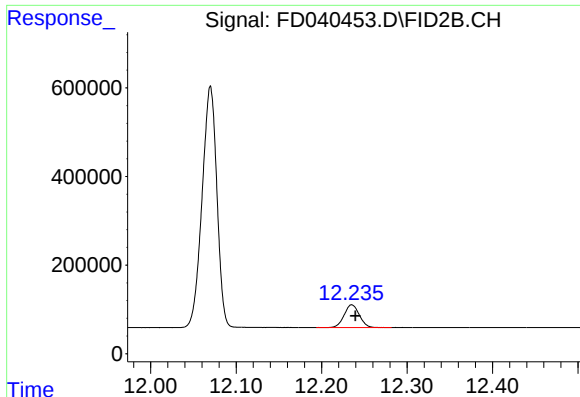
#9 ortho-Terphenyl (SURR)

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



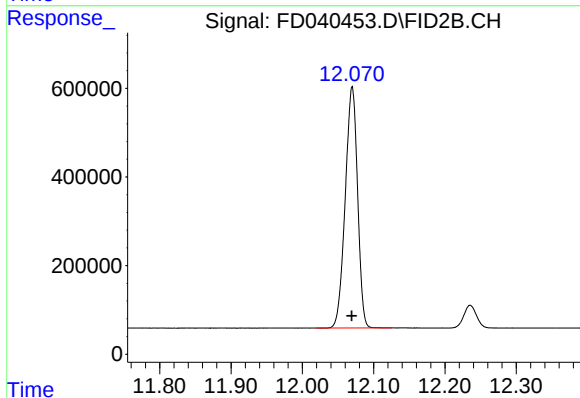
#10 n-Eicosane (C20)

R.T.: 11.628 min
Delta R.T.: -0.004 min
Response: 636514
Conc: 4.68 ug/ml



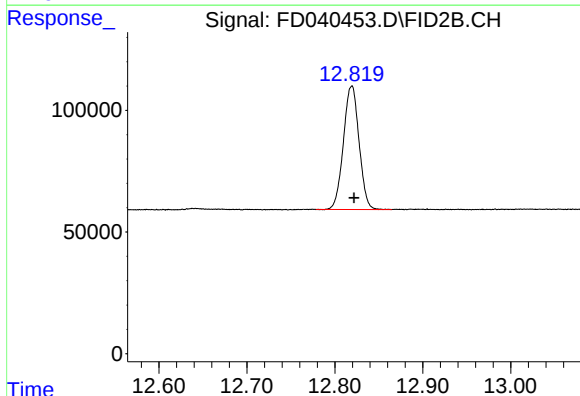
#11 n-Heneicosane (C21)

R.T.: 12.235 min
Delta R.T.: -0.004 min
Response: 633323
Conc: 4.57 ug/ml



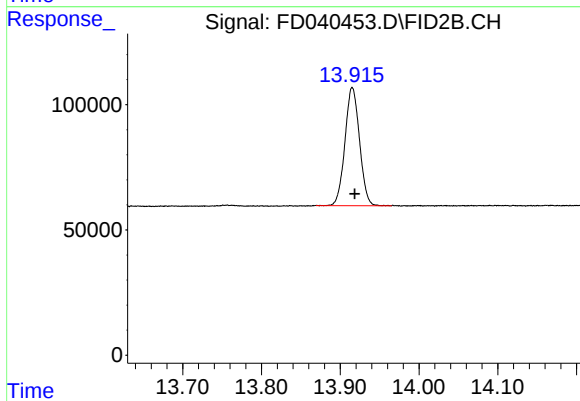
#12 1-chlorooctadecane (SURR)

R.T.: 12.070 min
Delta R.T.: 0.000 min
Response: 6546952
Conc: 55.62 ug/ml



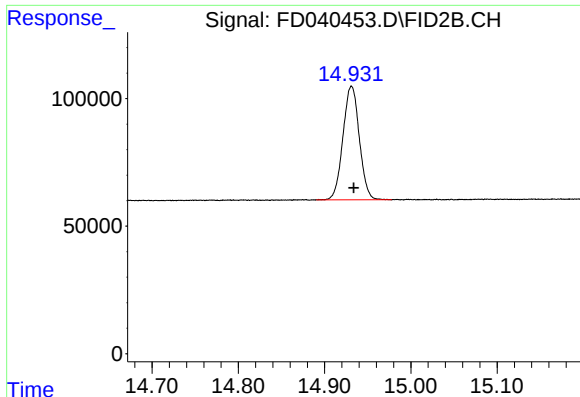
#13 n-Docosane (C22)

R.T.: 12.819 min
Delta R.T.: -0.003 min
Response: 627200
Conc: 4.55 ug/ml



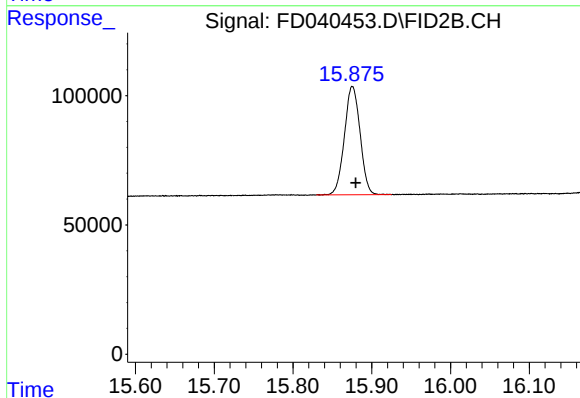
#14 n-Tetracosane (C24)

R.T.: 13.915 min
Delta R.T.: -0.003 min
Response: 606012
Conc: 4.33 ug/ml



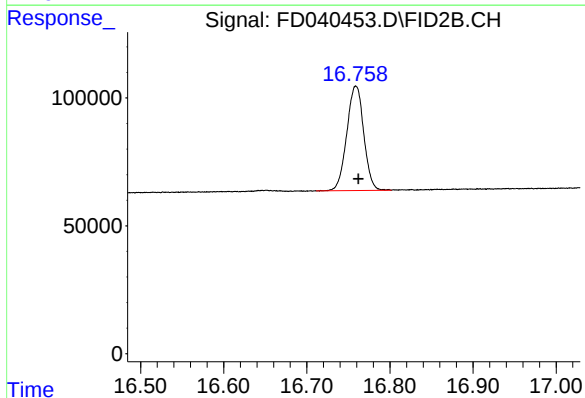
#15 n-Hexacosane (C26)

R.T.: 14.931 min
Delta R.T.: -0.003 min
Response: 586790
Conc: 4.26 ug/ml



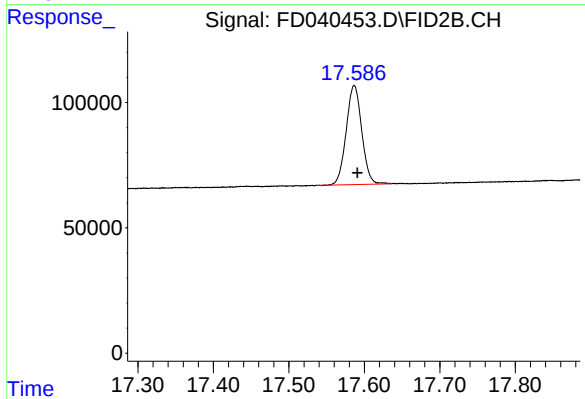
#16 n-Octacosane (C28)

R.T.: 15.875 min
Delta R.T.: -0.004 min
Response: 580492
Conc: 4.28 ug/ml



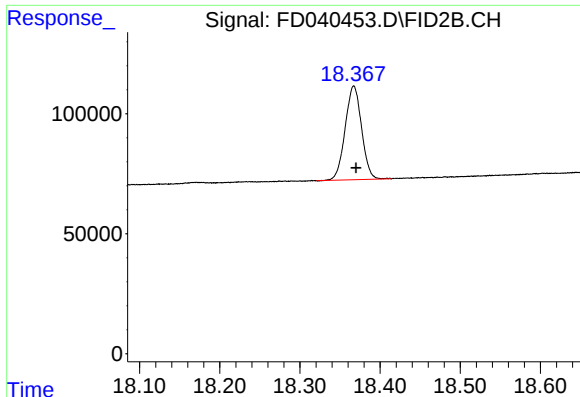
#17 n-Tricontane (C30)

R.T.: 16.759 min
Delta R.T.: -0.003 min
Response: 578292
Conc: 4.44 ug/ml



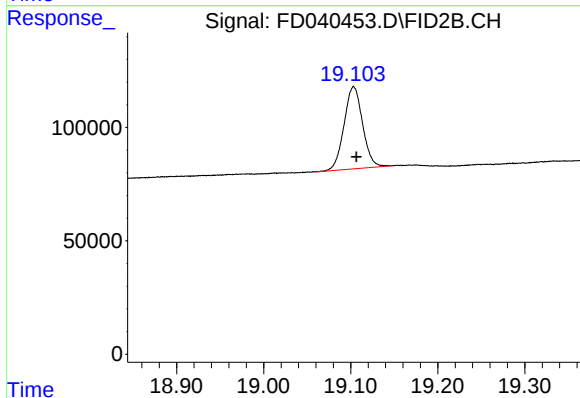
#18 n-Dotriacontane (C32)

R.T.: 17.587 min
Delta R.T.: -0.004 min
Response: 566456
Conc: 4.74 ug/ml



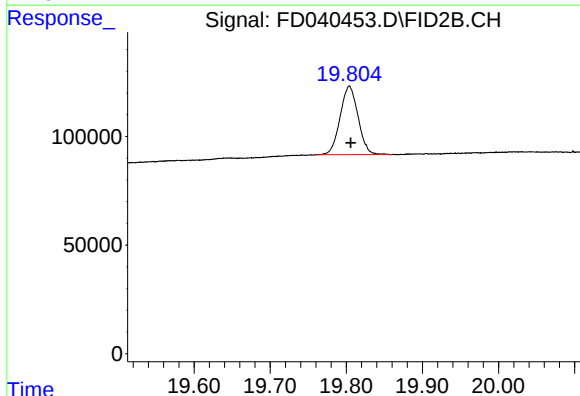
#19 n-Tetratriacontane (C34)

R.T.: 18.367 min
Delta R.T.: -0.003 min
Response: 555659
Conc: 5.28 ug/ml



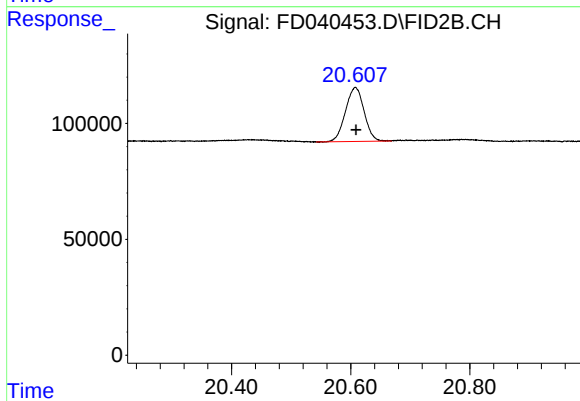
#20 n-Hexatriacontane (C36)

R.T.: 19.103 min
Delta R.T.: -0.003 min
Response: 535458
Conc: 5.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.804 min
Delta R.T.: -0.002 min
Response: 518105
Conc: 5.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.608 min
Delta R.T.: -0.001 min
Response: 504300
Conc: 5.90 ug/ml