

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD063022AL\
 Data File : FD043122.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jun 2022 10:09
 Operator : YP/AJ
 Sample : N1645-03
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 01 03:46:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 27 04:21:05 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	12.971	3568734	25.776 ug/ml
Spiked Amount 50.000		Recovery =	51.55%
Target Compounds			
1) T n-Nonane (C9)	3.324	148882	0.993 ug/ml
2) T n-Decane (C10)	4.387	190394	1.276 ug/ml
4) T n-Dodecane (C12)	6.398	326392	2.135 ug/ml
6) T n-Tetradecane (C14)	8.188	248488	1.615 ug/ml
7) T n-Hexadecane (C16)	9.783	258338	1.653 ug/ml
8) T n-Octadecane (C18)	11.220	279159	1.762 ug/ml
10) T n-Eicosane (C20)	12.527	305927	1.927 ug/ml
11) T n-Heneicosane (C21)	13.136	294871	1.847 ug/ml
13) T n-Docosane (C22)	13.719	373922	2.340 ug/ml
14) T n-Tetracosane (C24)	14.818	483077	3.009 ug/ml
15) T n-Hexacosane (C26)	15.835	533151	3.356 ug/ml
16) T n-Octacosane (C28)	16.782	603407	3.851 ug/ml
17) T n-Tricontane (C30)	17.663	656617	4.327 ug/mlm
18) T n-Dotriacontane (C32)	18.495	631849	4.487 ug/ml
19) T n-Tetratriacontane (C34)	19.275	464652	3.649 ug/ml
20) T n-Hexatriacontane (C36)	20.011	323354	2.809 ug/ml
21) T n-Octatriacontane (C38)	20.732	260973	2.423 ug/ml
22) T n-Tetracontane (C40)	21.610	223792	2.105 ug/ml

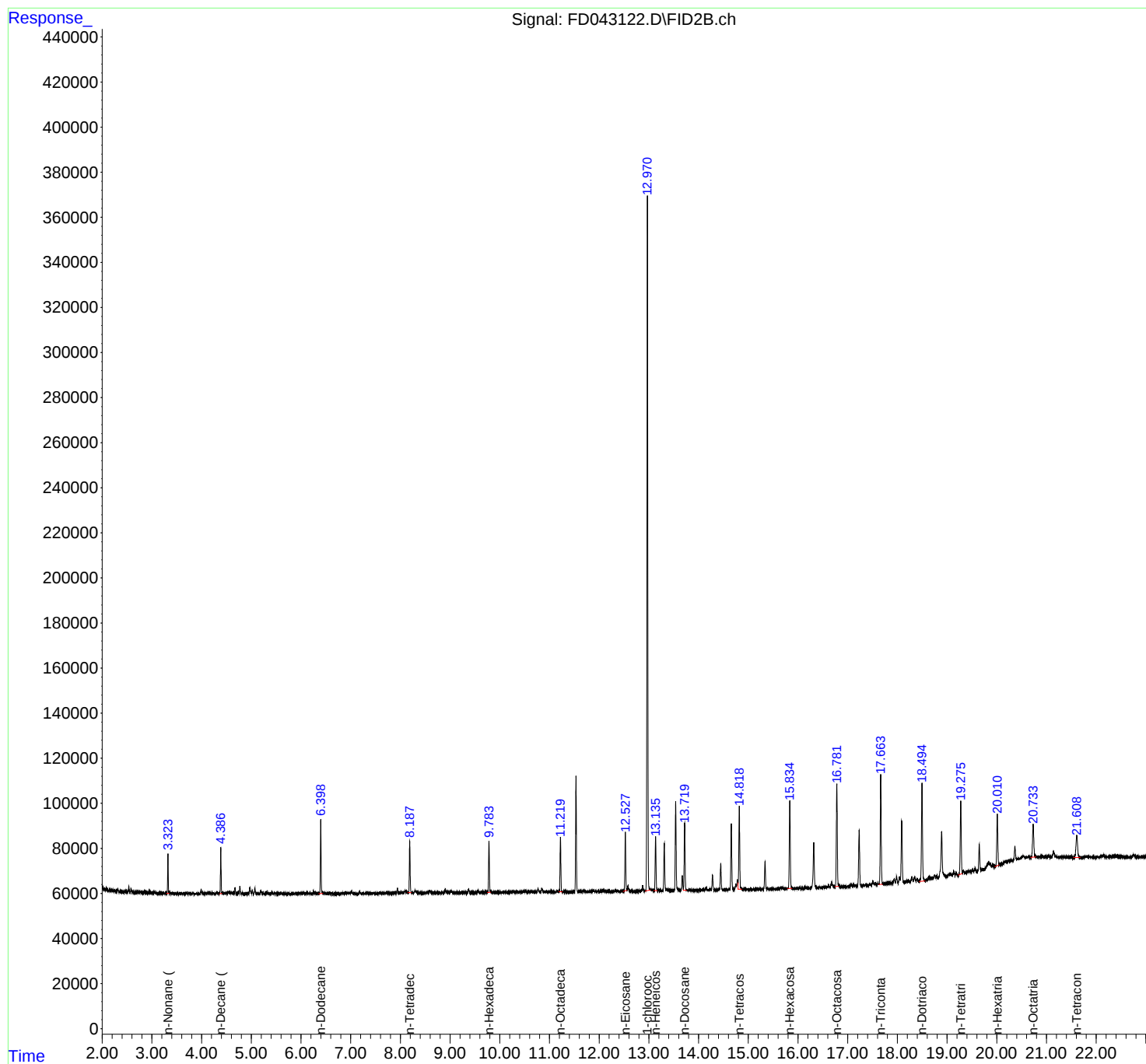
(f)=RT Delta > 1/2 Window

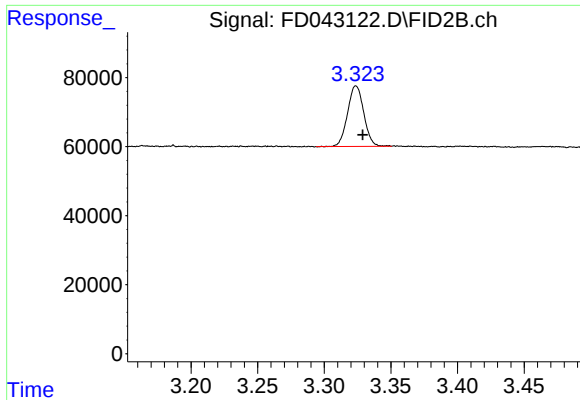
(m)=manual int.

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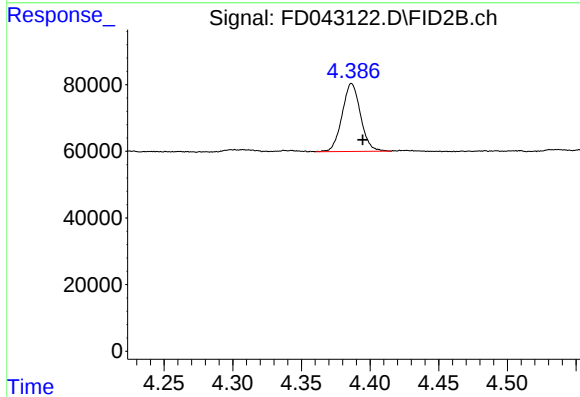
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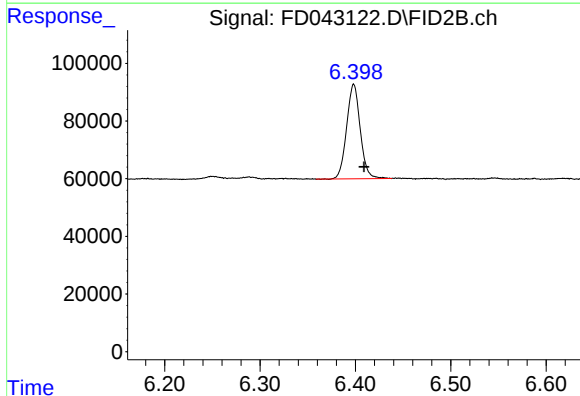
#1 n-Nonane (C9)

R.T.: 3.324 min
Delta R.T.: -0.005 min
Response: 148882
Conc: 0.99 ug/ml



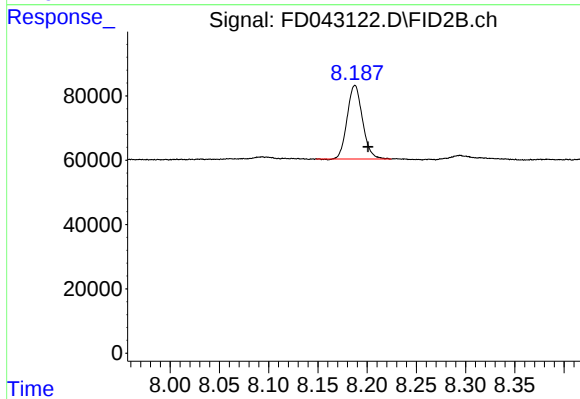
#2 n-Decane (C10)

R.T.: 4.387 min
Delta R.T.: -0.008 min
Response: 190394
Conc: 1.28 ug/ml



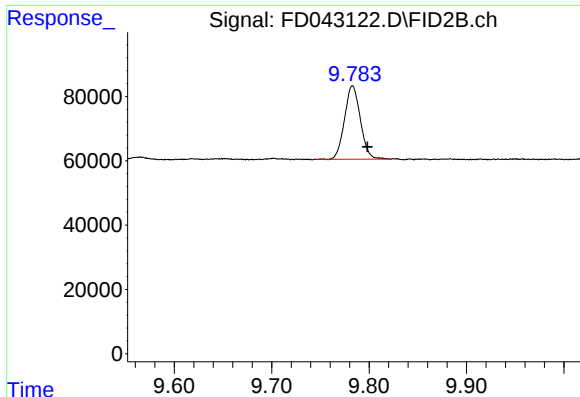
#4 n-Dodecane (C12)

R.T.: 6.398 min
Delta R.T.: -0.011 min
Response: 326392
Conc: 2.14 ug/ml



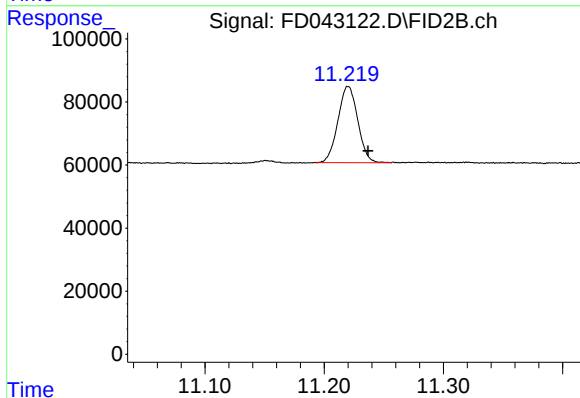
#6 n-Tetradecane (C14)

R.T.: 8.188 min
Delta R.T.: -0.013 min
Response: 248488
Conc: 1.61 ug/ml



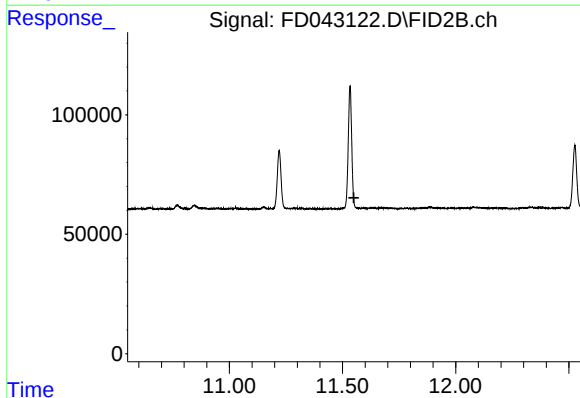
#7 n-Hexadecane (C16)

R.T.: 9.783 min
Delta R.T.: -0.015 min
Response: 258338
Conc: 1.65 ug/ml



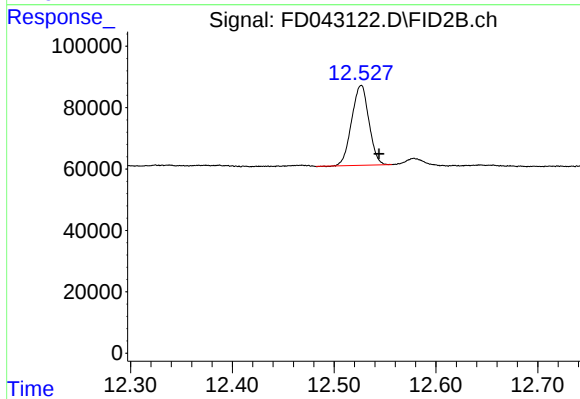
#8 n-Octadecane (C18)

R.T.: 11.220 min
Delta R.T.: -0.017 min
Response: 279159
Conc: 1.76 ug/ml



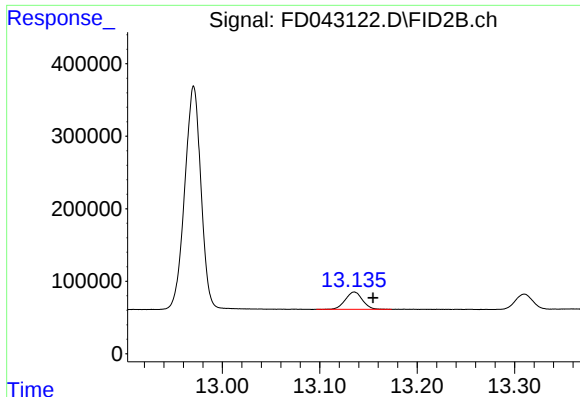
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.550 min
Response: 0
Conc: N.D.



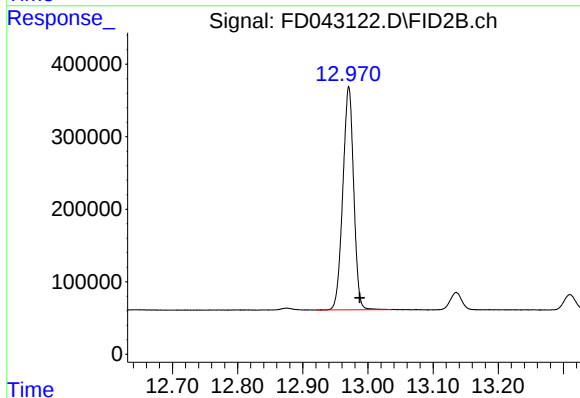
#10 n-Eicosane (C20)

R.T.: 12.527 min
Delta R.T.: -0.018 min
Response: 305927
Conc: 1.93 ug/ml



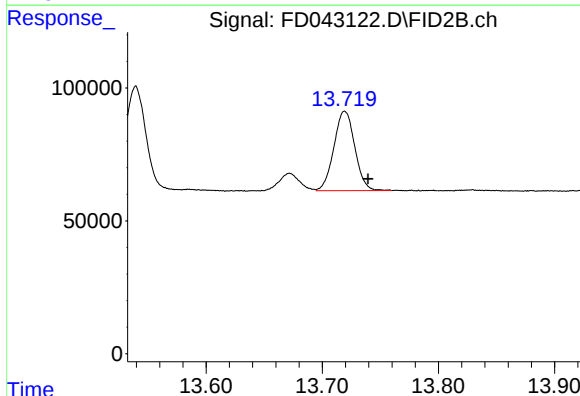
#11 n-Heneicosane (C21)

R.T.: 13.136 min
Delta R.T.: -0.019 min
Response: 294871
Conc: 1.85 ug/ml



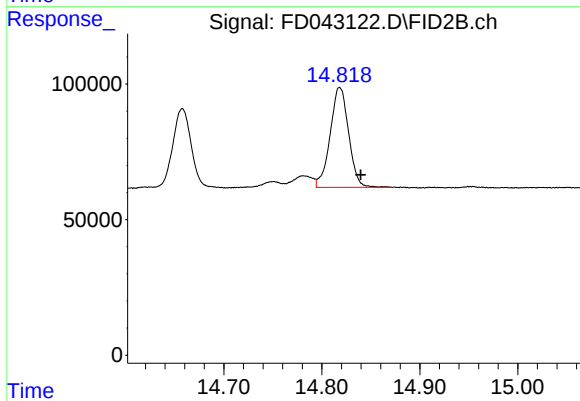
#12 1-chlorooctadecane (SURR)

R.T.: 12.971 min
Delta R.T.: -0.017 min
Response: 3568734
Conc: 25.78 ug/ml



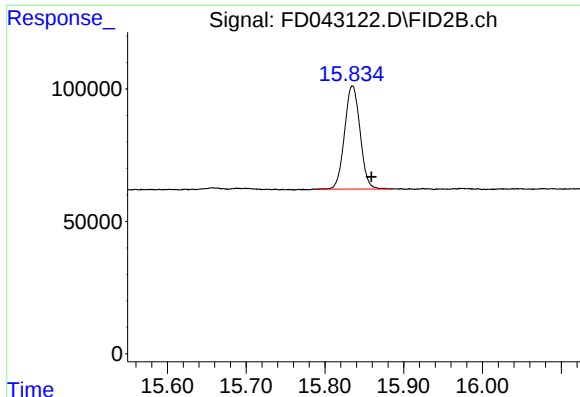
#13 n-Docosane (C22)

R.T.: 13.719 min
Delta R.T.: -0.020 min
Response: 373922
Conc: 2.34 ug/ml



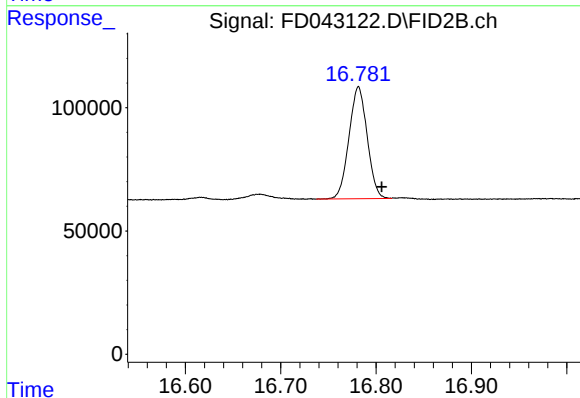
#14 n-Tetracosane (C24)

R.T.: 14.818 min
Delta R.T.: -0.021 min
Response: 483077
Conc: 3.01 ug/ml



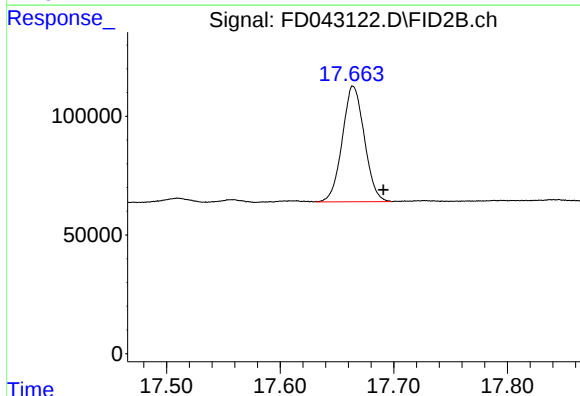
#15 n-Hexacosane (C26)

R.T.: 15.835 min
Delta R.T.: -0.024 min
Response: 533151
Conc: 3.36 ug/ml



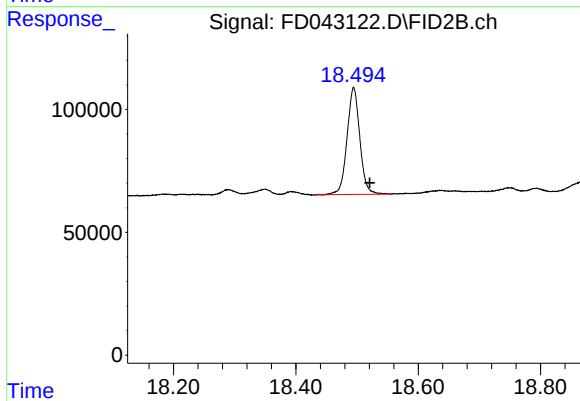
#16 n-Octacosane (C28)

R.T.: 16.782 min
Delta R.T.: -0.024 min
Response: 603407
Conc: 3.85 ug/ml



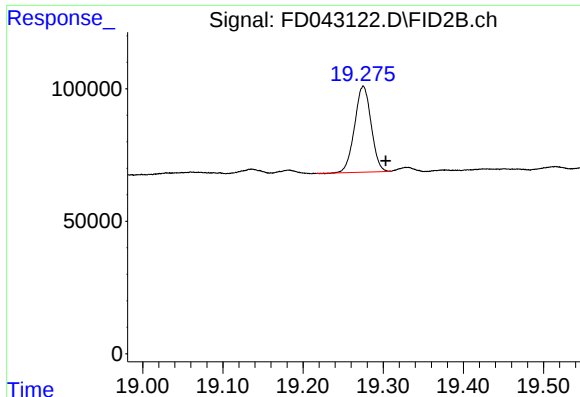
#17 n-Tricontane (C30)

R.T.: 17.663 min
Delta R.T.: -0.028 min
Response: 656617
Conc: 4.33 ug/ml m



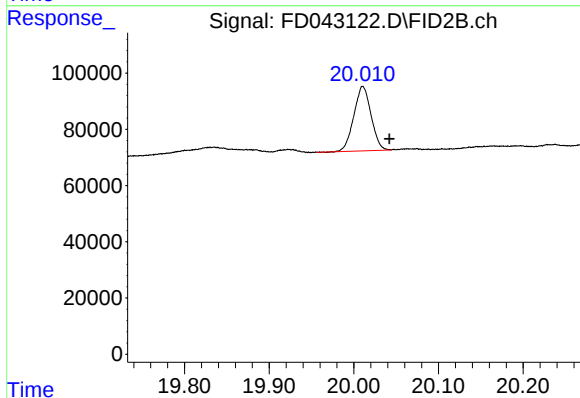
#18 n-Dotriacontane (C32)

R.T.: 18.495 min
Delta R.T.: -0.026 min
Response: 631849
Conc: 4.49 ug/ml



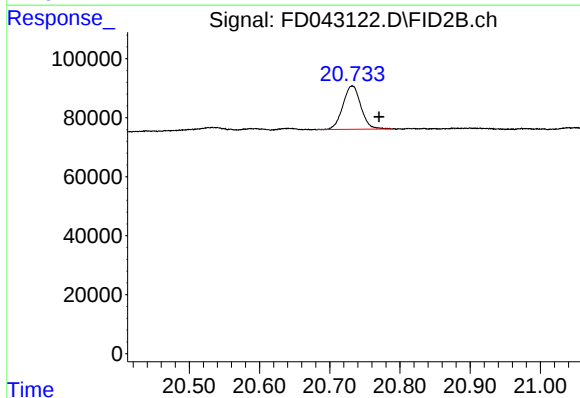
#19 n-Tetratriacontane (C34)

R.T.: 19.275 min
Delta R.T.: -0.028 min
Response: 464652
Conc: 3.65 ug/ml



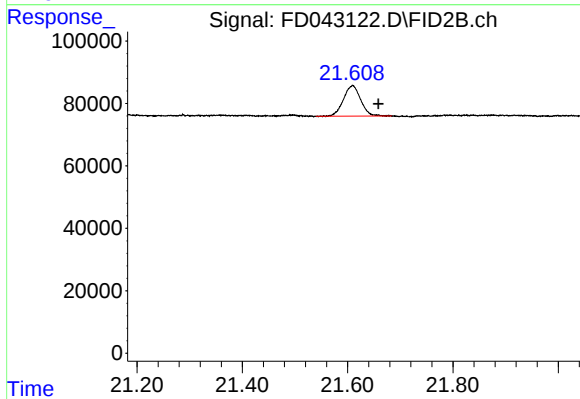
#20 n-Hexatriacontane (C36)

R.T.: 20.011 min
Delta R.T.: -0.032 min
Response: 323354
Conc: 2.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.732 min
Delta R.T.: -0.038 min
Response: 260973
Conc: 2.42 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.610 min
Delta R.T.: -0.049 min
Response: 223792
Conc: 2.11 ug/ml