

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081122AL\
 Data File : FD043543.D
 Signal(s) : FID2B.ch
 Acq On : 11 Aug 2022 13:50
 Operator : YP/AJ
 Sample : N3980-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 11 15:02:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 05:37:25 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...	12.958	3376610	27.551 ug/ml
Spiked Amount 50.000		Recovery =	55.10%
Target Compounds			
1) T n-Nonane (C9)	3.302	295215	2.106 ug/ml
2) T n-Decane (C10)	4.367	364185	2.590 ug/ml
4) T n-Dodecane (C12)	6.380	455418	3.200 ug/ml
6) T n-Tetradecane (C14)	8.172	443059	3.123 ug/ml
7) T n-Hexadecane (C16)	9.769	432087	3.047 ug/ml
8) T n-Octadecane (C18)	11.207	467929	3.272 ug/ml
10) T n-Eicosane (C20)	12.514	476703	3.292 ug/ml
11) T n-Heneicosane (C21)	13.124	478445	3.294 ug/ml
13) T n-Docosane (C22)	13.709	473540	3.264 ug/ml
14) T n-Tetracosane (C24)	14.809	487143	3.363 ug/ml
15) T n-Hexacosane (C26)	15.827	472076	3.282 ug/ml
16) T n-Octacosane (C28)	16.775	464048	3.280 ug/ml
17) T n-Tricontane (C30)	17.659	480700	3.406 ug/ml
18) T n-Dotriacontane (C32)	18.488	481885	3.485 ug/ml
19) T n-Tetratriacontane (C34)	19.268	464870	3.612 ug/ml
20) T n-Hexatriacontane (C36)	20.008	437131	3.544 ug/ml
21) T n-Octatriacontane (C38)	20.726	415948	3.518 ug/ml
22) T n-Tetracontane (C40)	21.601	391429	3.462 ug/ml

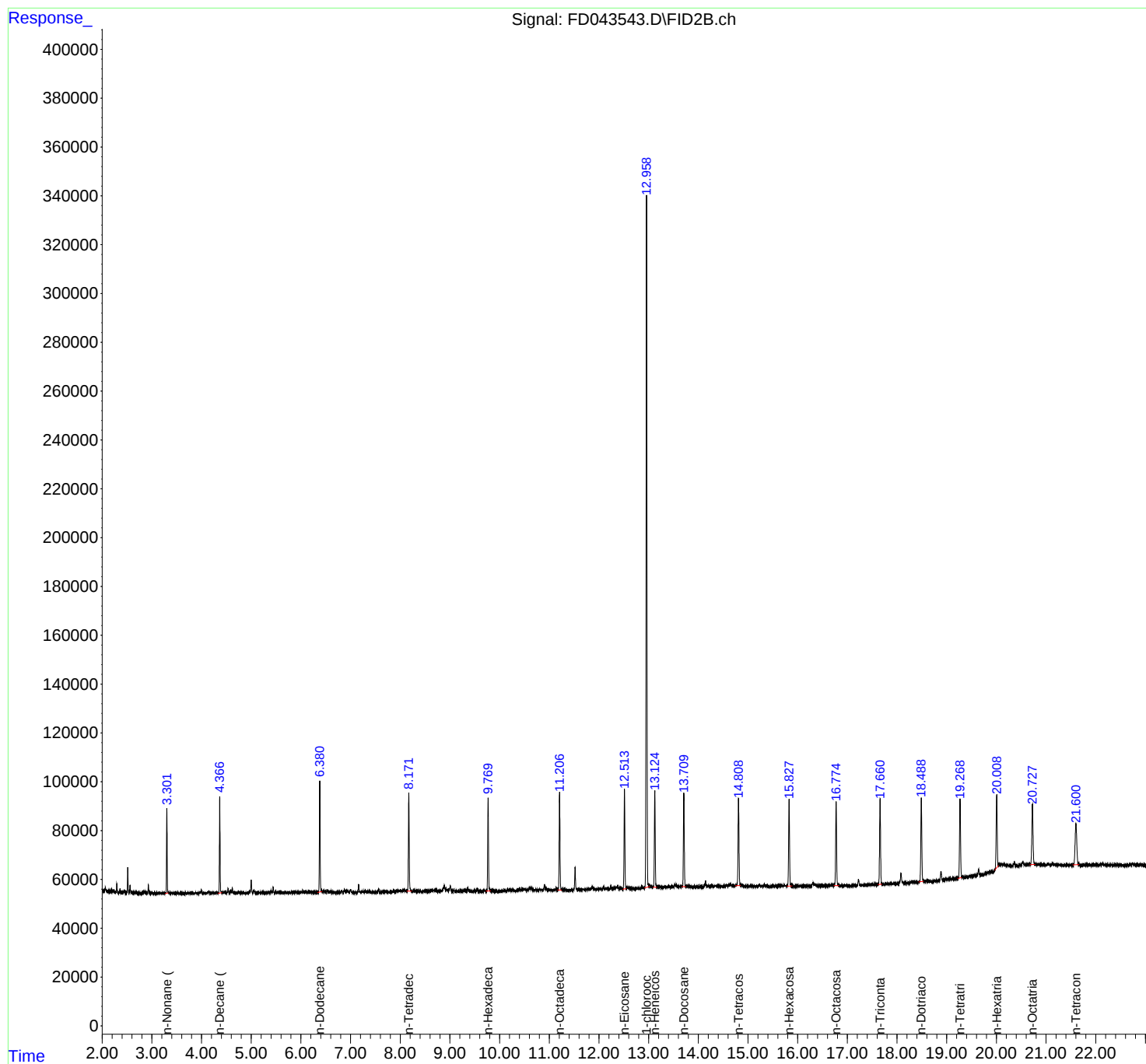
(f)=RT Delta > 1/2 Window

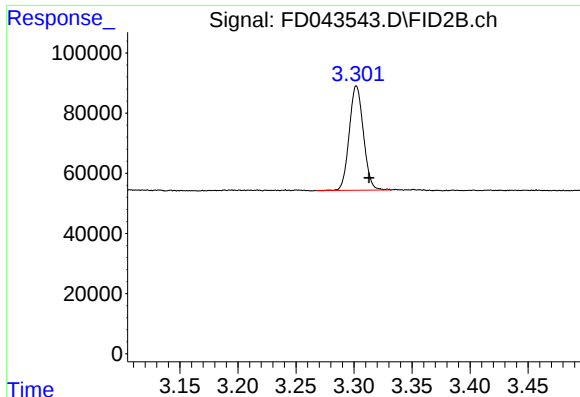
(m)=manual int.

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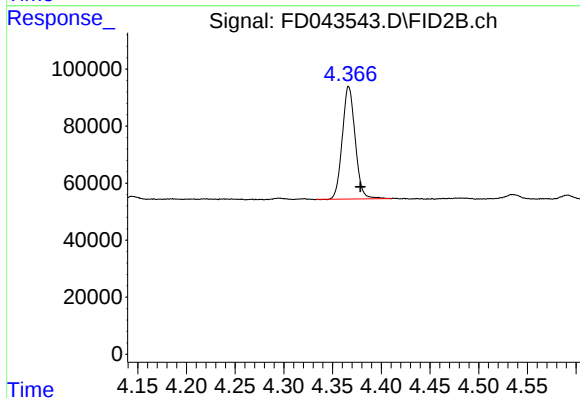
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Signal Info : 20M x 0.18mm x 0.18um





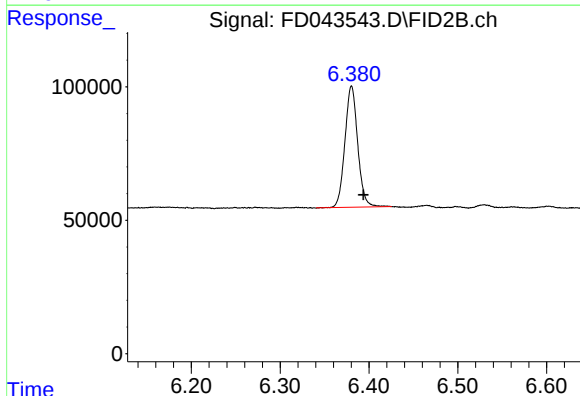
#1 n-Nonane (C9)

R.T.: 3.302 min
Delta R.T.: -0.011 min
Response: 295215
Conc: 2.11 ug/ml



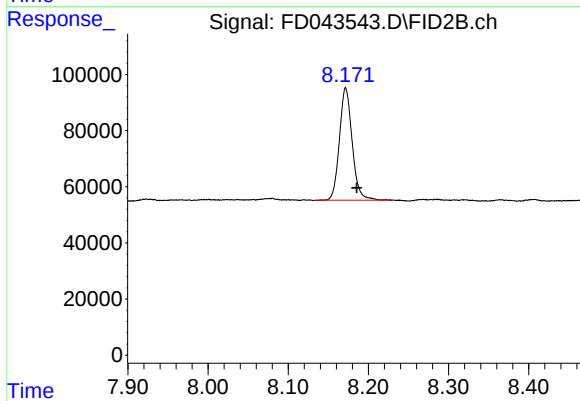
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.012 min
Response: 364185
Conc: 2.59 ug/ml



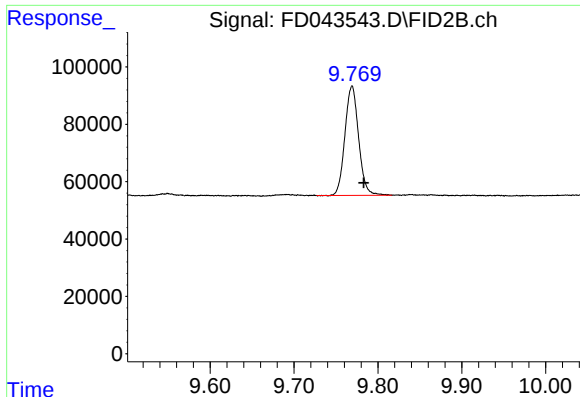
#4 n-Dodecane (C12)

R.T.: 6.380 min
Delta R.T.: -0.013 min
Response: 455418
Conc: 3.20 ug/ml



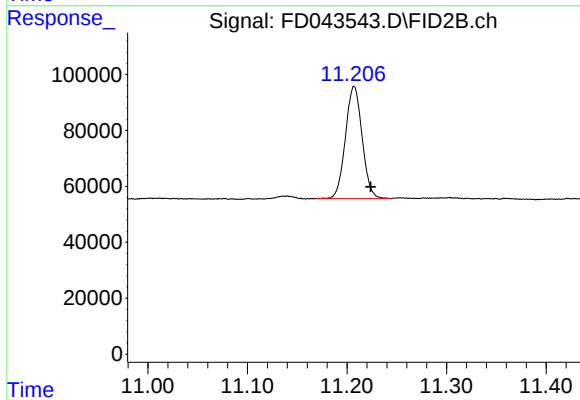
#6 n-Tetradecane (C14)

R.T.: 8.172 min
Delta R.T.: -0.014 min
Response: 443059
Conc: 3.12 ug/ml



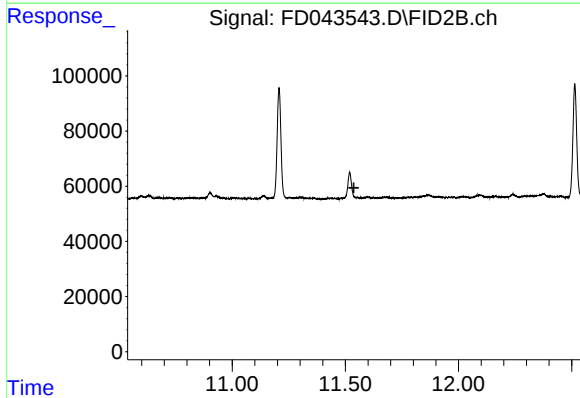
#7 n-Hexadecane (C16)

R.T.: 9.769 min
Delta R.T.: -0.014 min
Response: 432087
Conc: 3.05 ug/ml



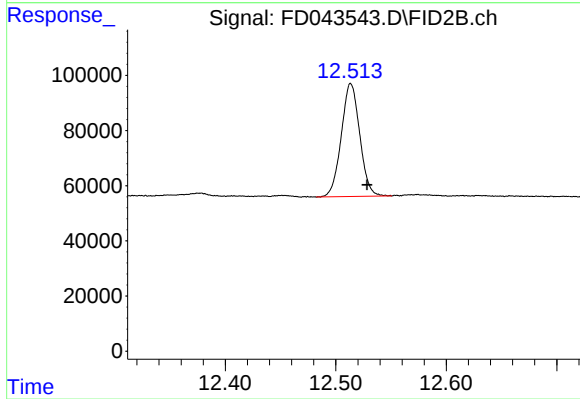
#8 n-Octadecane (C18)

R.T.: 11.207 min
Delta R.T.: -0.017 min
Response: 467929
Conc: 3.27 ug/ml



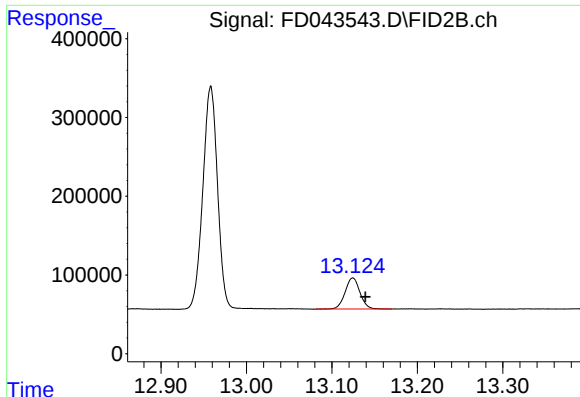
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.538 min
Response: 0
Conc: N.D.



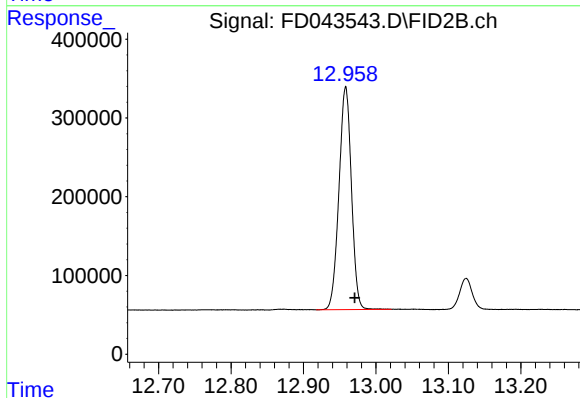
#10 n-Eicosane (C20)

R.T.: 12.514 min
Delta R.T.: -0.015 min
Response: 476703
Conc: 3.29 ug/ml



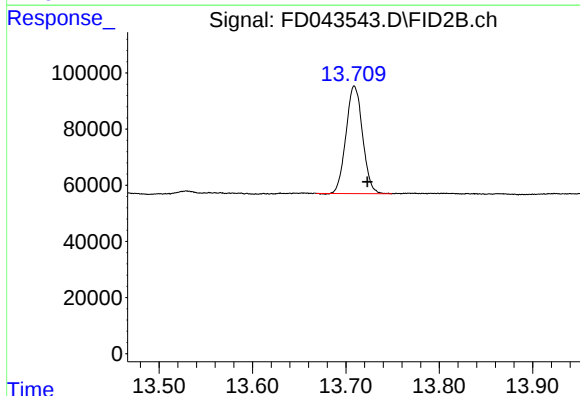
#11 n-Heneicosane (C21)

R.T.: 13.124 min
Delta R.T.: -0.015 min
Response: 478445
Conc: 3.29 ug/ml



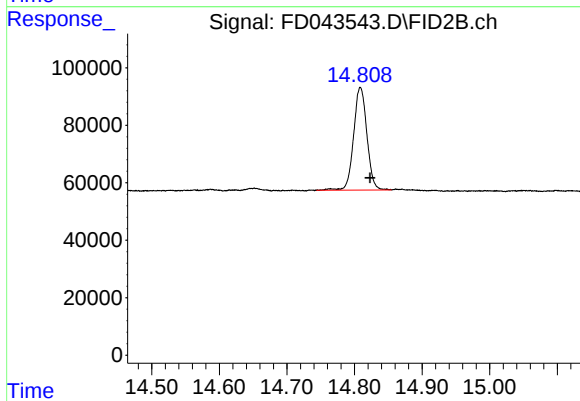
#12 1-chlorooctadecane (SURR)

R.T.: 12.958 min
Delta R.T.: -0.012 min
Response: 3376610
Conc: 27.55 ug/ml



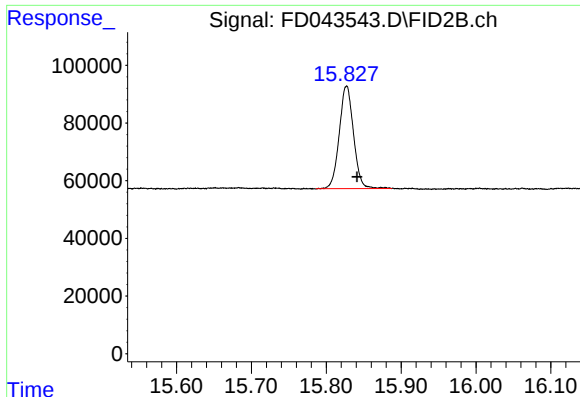
#13 n-Docosane (C22)

R.T.: 13.709 min
Delta R.T.: -0.014 min
Response: 473540
Conc: 3.26 ug/ml



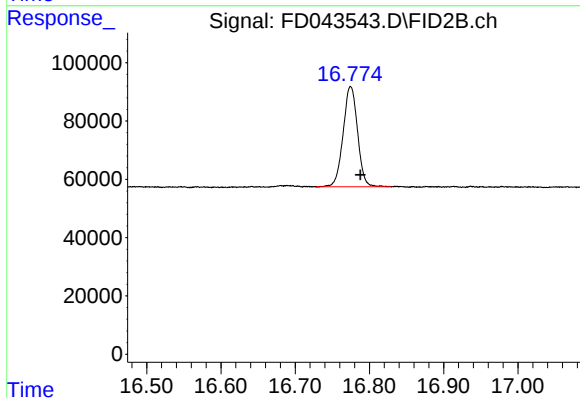
#14 n-Tetracosane (C24)

R.T.: 14.809 min
Delta R.T.: -0.014 min
Response: 487143
Conc: 3.36 ug/ml



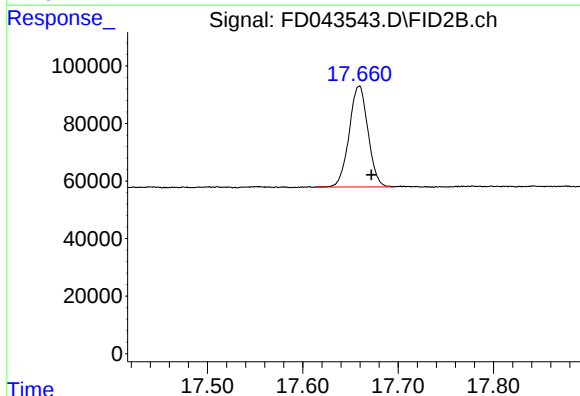
#15 n-Hexacosane (C26)

R.T.: 15.827 min
Delta R.T.: -0.014 min
Response: 472076
Conc: 3.28 ug/ml



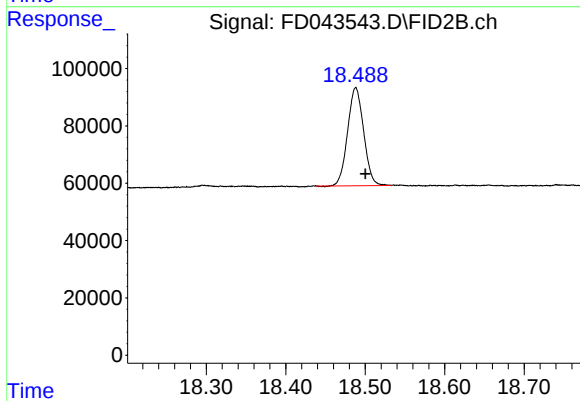
#16 n-Octacosane (C28)

R.T.: 16.775 min
Delta R.T.: -0.013 min
Response: 464048
Conc: 3.28 ug/ml



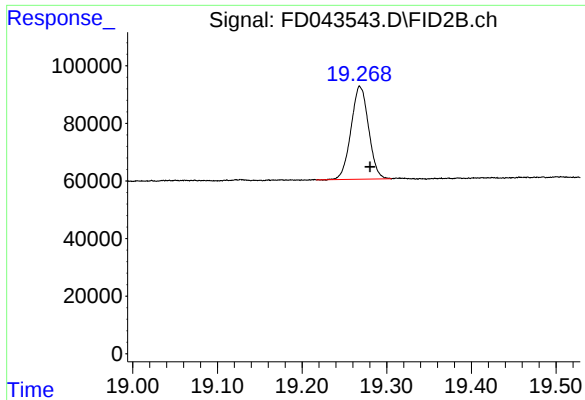
#17 n-Tricontane (C30)

R.T.: 17.659 min
Delta R.T.: -0.013 min
Response: 480700
Conc: 3.41 ug/ml



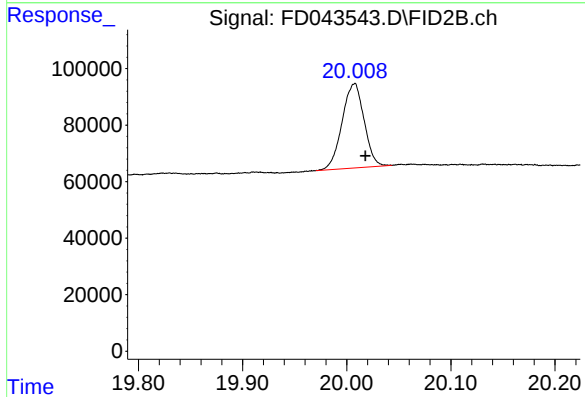
#18 n-Dotriacontane (C32)

R.T.: 18.488 min
Delta R.T.: -0.012 min
Response: 481885
Conc: 3.48 ug/ml



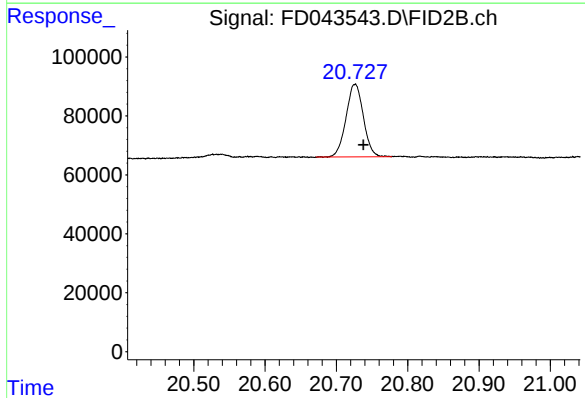
#19 n-Tetratriacontane (C34)

R.T.: 19.268 min
Delta R.T.: -0.012 min
Response: 464870
Conc: 3.61 ug/ml



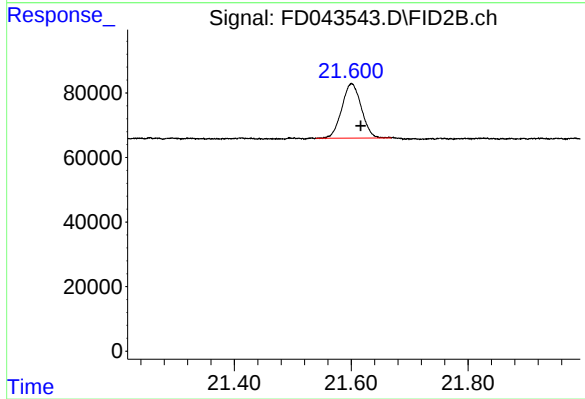
#20 n-Hexatriacontane (C36)

R.T.: 20.008 min
Delta R.T.: -0.010 min
Response: 437131
Conc: 3.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.726 min
Delta R.T.: -0.012 min
Response: 415948
Conc: 3.52 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.601 min
Delta R.T.: -0.016 min
Response: 391429
Conc: 3.46 ug/ml