

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD063022AL\
 Data File : FD043123.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jun 2022 10:51
 Operator : YP/AJ
 Sample : N1645-09
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 01 03:46:57 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			
9) S ortho-Terphenyl (SURR)	11.533	554550	3.131 ug/ml
Spiked Amount 50.000		Recovery =	6.26%
12) S 1-chlorooctadecane (S...	12.970	3586488	25.904 ug/ml
Spiked Amount 50.000		Recovery =	51.81%
Target Compounds			
1) T n-Nonane (C9)	3.324	150674	1.005 ug/ml
2) T n-Decane (C10)	4.387	191414	1.282 ug/ml
4) T n-Dodecane (C12)	6.398	326483	2.136 ug/ml
6) T n-Tetradecane (C14)	8.188	257761	1.675 ug/ml
7) T n-Hexadecane (C16)	9.783	260180	1.665 ug/ml
8) T n-Octadecane (C18)	11.221	288678	1.822 ug/ml
10) T n-Eicosane (C20)	12.526	311888	1.965 ug/ml
11) T n-Heneicosane (C21)	13.135	294509	1.845 ug/ml
13) T n-Docosane (C22)	13.720	379480	2.375 ug/ml
14) T n-Tetracosane (C24)	14.819	488713	3.044 ug/ml
15) T n-Hexacosane (C26)	15.835	537823	3.385 ug/ml
16) T n-Octacosane (C28)	16.782	604512	3.858 ug/ml
17) T n-Tricontane (C30)	17.666	669012	4.408 ug/ml
18) T n-Dotriacontane (C32)	18.494	639122	4.539 ug/ml
19) T n-Tetratriacontane (C34)	19.274	471504	3.703 ug/ml
20) T n-Hexatriacontane (C36)	20.011	332804	2.891 ug/ml
21) T n-Octatriacontane (C38)	20.732	258248	2.397 ug/ml
22) T n-Tetracontane (C40)	21.607f	230794	2.171 ug/ml

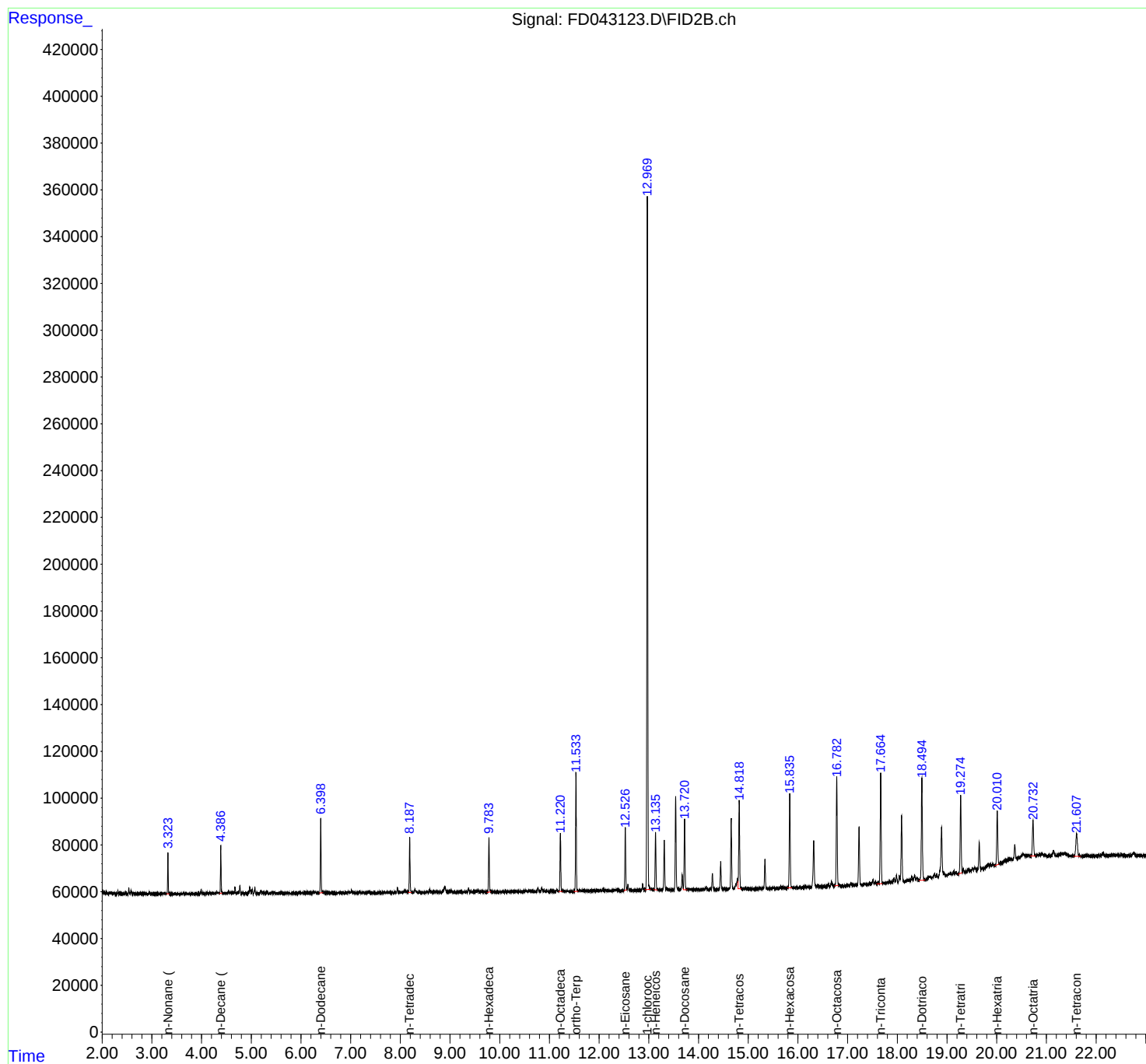
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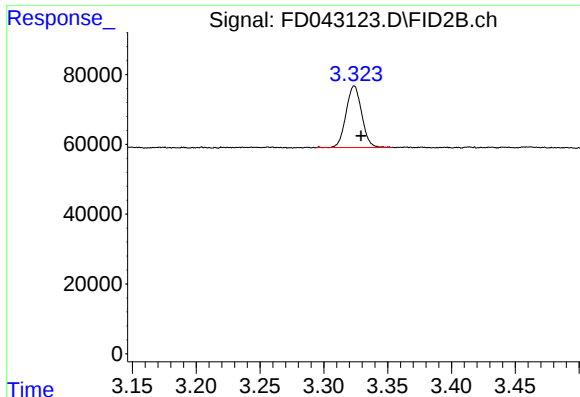
(m)=manual int.

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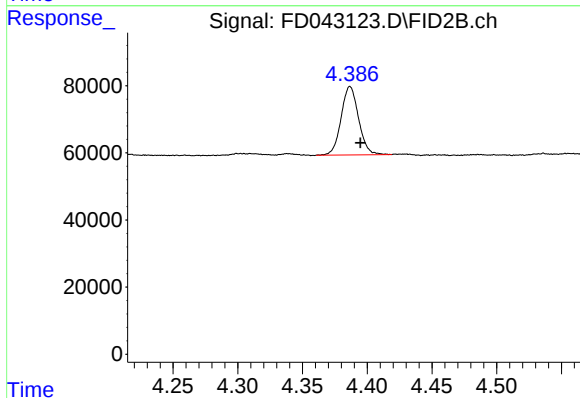
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





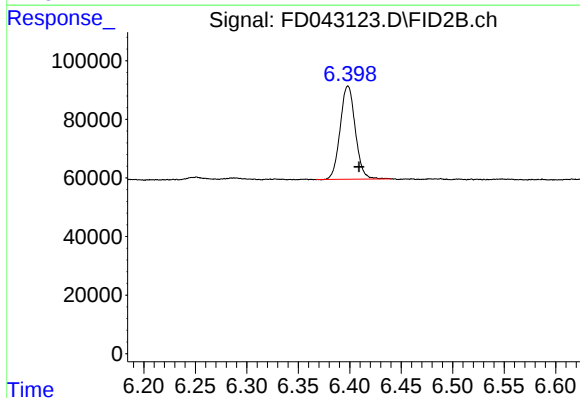
#1 n-Nonane (C9)

R.T.: 3.324 min
Delta R.T.: -0.005 min
Response: 150674
Conc: 1.00 ug/ml



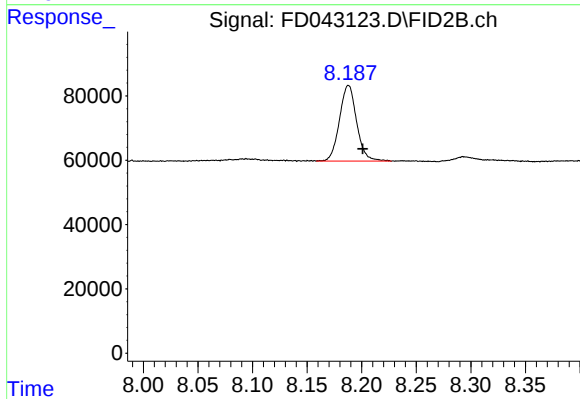
#2 n-Decane (C10)

R.T.: 4.387 min
Delta R.T.: -0.008 min
Response: 191414
Conc: 1.28 ug/ml



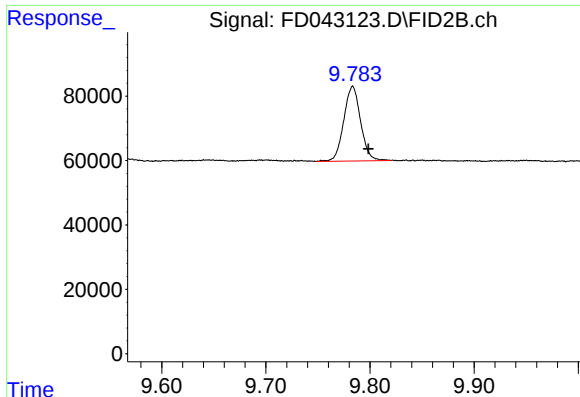
#4 n-Dodecane (C12)

R.T.: 6.398 min
Delta R.T.: -0.011 min
Response: 326483
Conc: 2.14 ug/ml



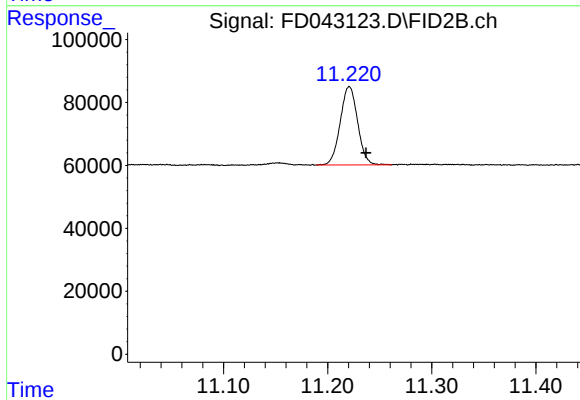
#6 n-Tetradecane (C14)

R.T.: 8.188 min
Delta R.T.: -0.013 min
Response: 257761
Conc: 1.68 ug/ml



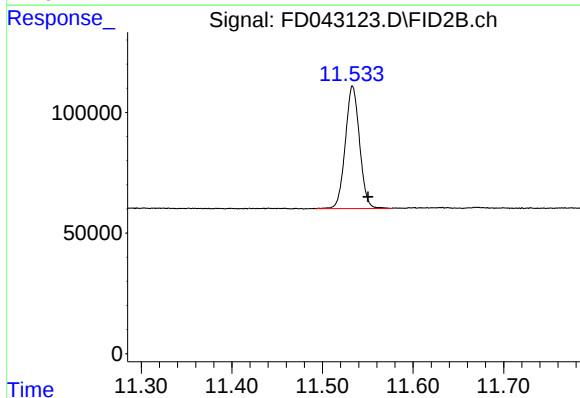
#7 n-Hexadecane (C16)

R.T.: 9.783 min
Delta R.T.: -0.015 min
Response: 260180
Conc: 1.66 ug/ml



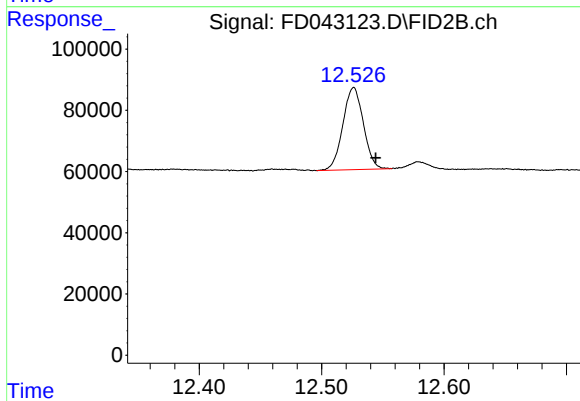
#8 n-Octadecane (C18)

R.T.: 11.221 min
Delta R.T.: -0.016 min
Response: 288678
Conc: 1.82 ug/ml



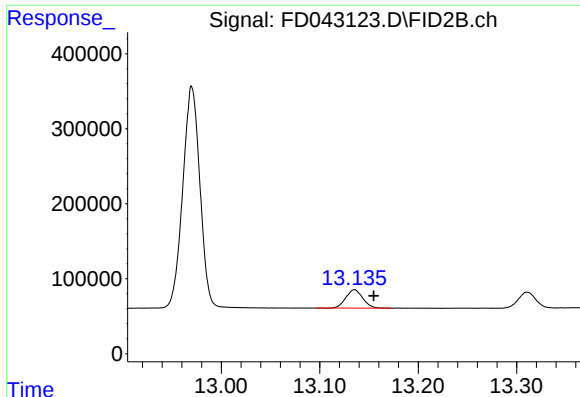
#9 ortho-Terphenyl (SURR)

R.T.: 11.533 min
Delta R.T.: -0.017 min
Response: 554550
Conc: 3.13 ug/ml



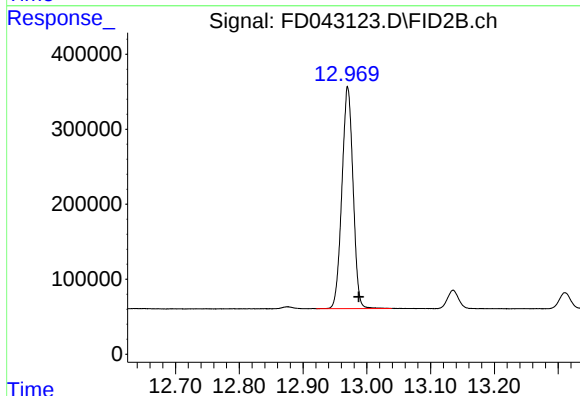
#10 n-Eicosane (C20)

R.T.: 12.526 min
Delta R.T.: -0.018 min
Response: 311888
Conc: 1.96 ug/ml



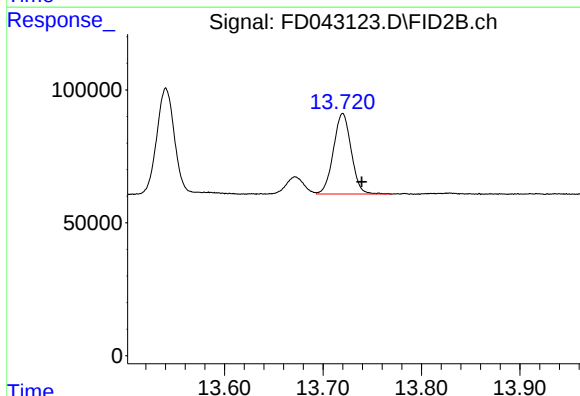
#11 n-Heneicosane (C21)

R.T.: 13.135 min
Delta R.T.: -0.020 min
Response: 294509
Conc: 1.84 ug/ml



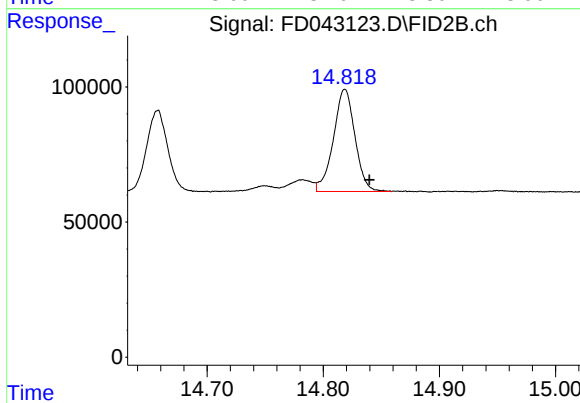
#12 1-chlorooctadecane (SURR)

R.T.: 12.970 min
Delta R.T.: -0.017 min
Response: 3586488
Conc: 25.90 ug/ml



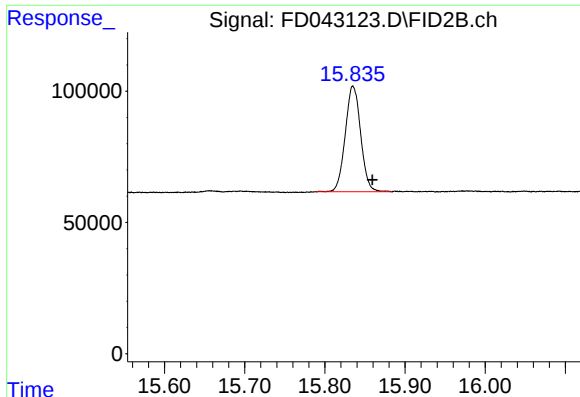
#13 n-Docosane (C22)

R.T.: 13.720 min
Delta R.T.: -0.019 min
Response: 379480
Conc: 2.38 ug/ml



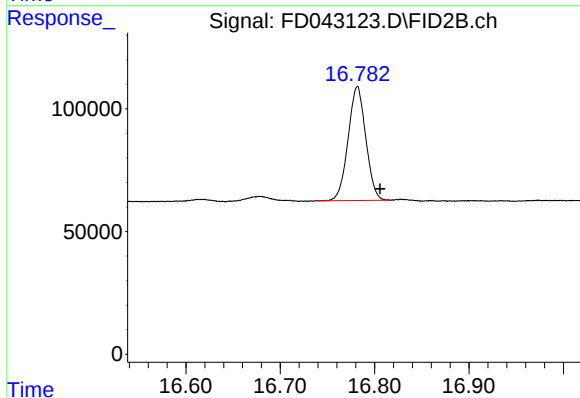
#14 n-Tetracosane (C24)

R.T.: 14.819 min
Delta R.T.: -0.021 min
Response: 488713
Conc: 3.04 ug/ml



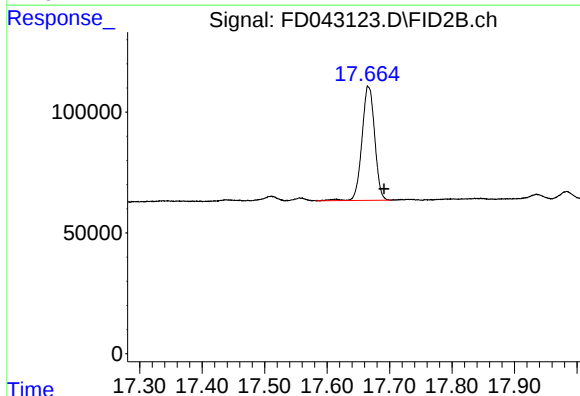
#15 n-Hexacosane (C26)

R.T.: 15.835 min
Delta R.T.: -0.024 min
Response: 537823
Conc: 3.39 ug/ml



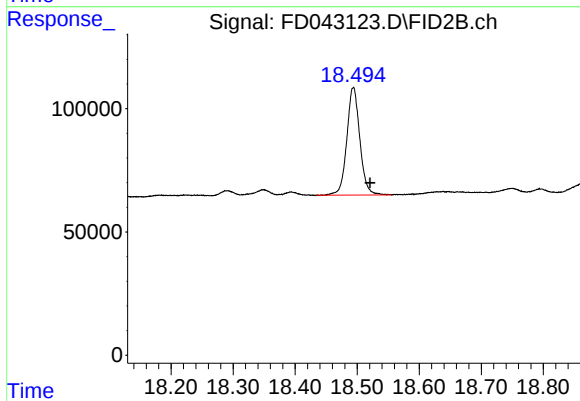
#16 n-Octacosane (C28)

R.T.: 16.782 min
Delta R.T.: -0.024 min
Response: 604512
Conc: 3.86 ug/ml



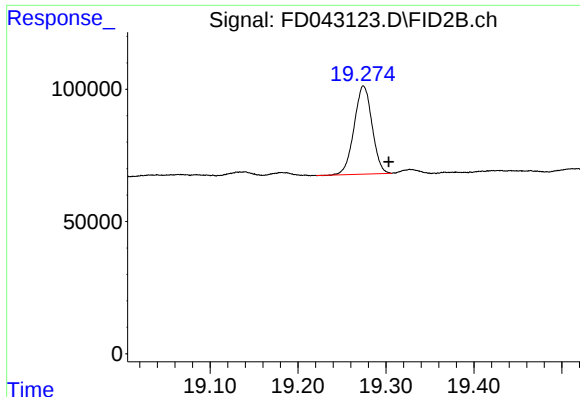
#17 n-Tricontane (C30)

R.T.: 17.666 min
Delta R.T.: -0.025 min
Response: 669012
Conc: 4.41 ug/ml



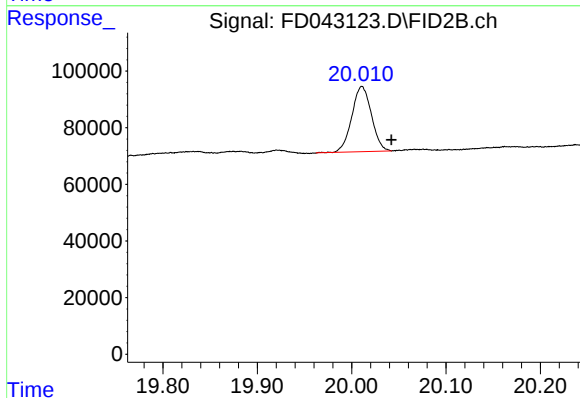
#18 n-Dotriacontane (C32)

R.T.: 18.494 min
Delta R.T.: -0.027 min
Response: 639122
Conc: 4.54 ug/ml



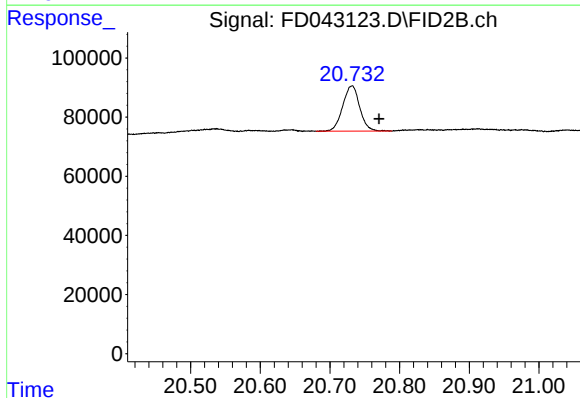
#19 n-Tetratriacontane (C34)

R.T.: 19.274 min
Delta R.T.: -0.029 min
Response: 471504
Conc: 3.70 ug/ml



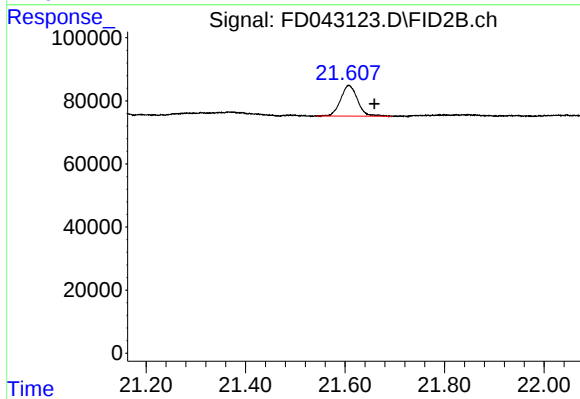
#20 n-Hexatriacontane (C36)

R.T.: 20.011 min
Delta R.T.: -0.031 min
Response: 332804
Conc: 2.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.732 min
Delta R.T.: -0.039 min
Response: 258248
Conc: 2.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.607 min
Delta R.T.: -0.051 min
Response: 230794
Conc: 2.17 ug/ml