

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081122AL\
 Data File : FD043559.D
 Signal(s) : FID2B.ch
 Acq On : 12 Aug 2022 03:10
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 12 04:04:30 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			
9) S ortho-Terphenyl (SURR)	11.527	3144614	19.866 ug/ml
Spiked Amount 50.000		Recovery =	39.73%
12) S 1-chlorooctadecane (S...	12.964	2438456	19.896 ug/ml
Spiked Amount 50.000		Recovery =	39.79%
Target Compounds			
1) T n-Nonane (C9)	3.306	3028305	21.605 ug/ml
2) T n-Decane (C10)	4.371	3062581	21.781 ug/ml
3) T A~Naphthalene (C11.7)	5.948	3268286	21.510 ug/ml
4) T n-Dodecane (C12)	6.384	3076035	21.612 ug/ml
5) T A~2-methylnaphthalene...	7.003	3196165	21.361 ug/ml
6) T n-Tetradecane (C14)	8.176	3033920	21.388 ug/ml
7) T n-Hexadecane (C16)	9.774	3026482	21.339 ug/ml
8) T n-Octadecane (C18)	11.214	2997459	20.963 ug/ml
10) T n-Eicosane (C20)	12.521	2929566	20.233 ug/ml
11) T n-Heneicosane (C21)	13.132	2893247	19.920 ug/ml
13) T n-Docosane (C22)	13.718	2852148	19.659 ug/ml
14) T n-Tetracosane (C24)	14.818	2743047	18.934 ug/ml
15) T n-Hexacosane (C26)	15.837	2657445	18.475 ug/ml
16) T n-Octacosane (C28)	16.783	2594565	18.341 ug/ml
17) T n-Tricontane (C30)	17.669	2630452	18.637 ug/mlm
18) T n-Dotriacontane (C32)	18.499	2706179	19.569 ug/ml
19) T n-Tetratriacontane (C34)	19.280	2627314	20.417 ug/ml
20) T n-Hexatriacontane (C36)	20.017	2623690	21.271 ug/ml
21) T n-Octatriacontane (C38)	20.738	2759367	23.335 ug/mlm
22) T n-Tetracontane (C40)	21.618	2749967	24.320 ug/mlm

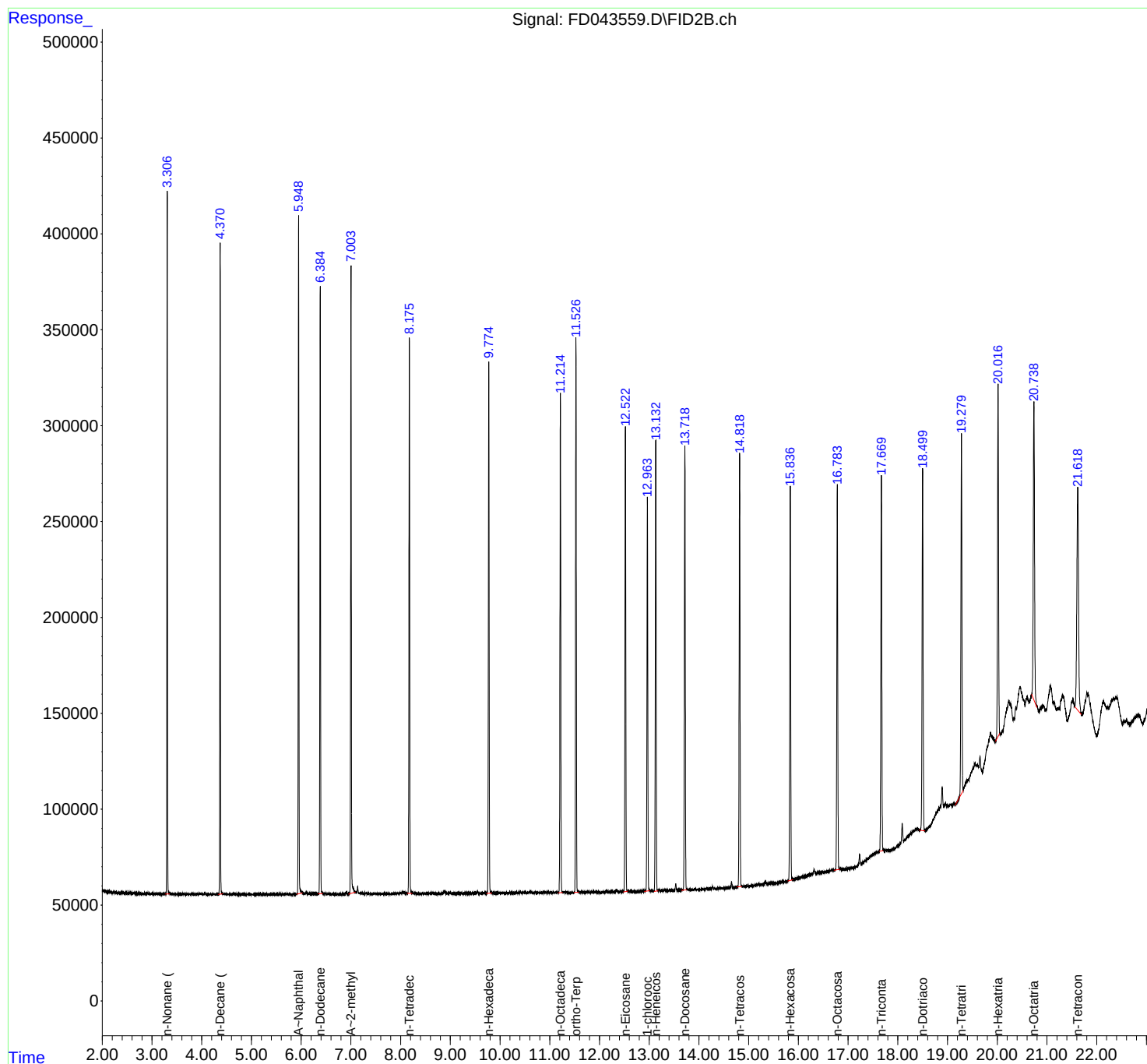
(f)=RT Delta > 1/2 Window

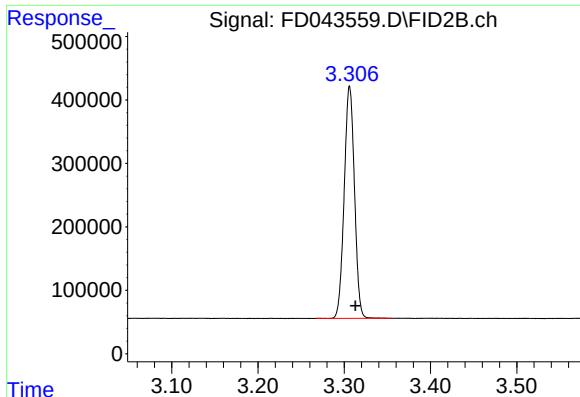
(m)=manual int.

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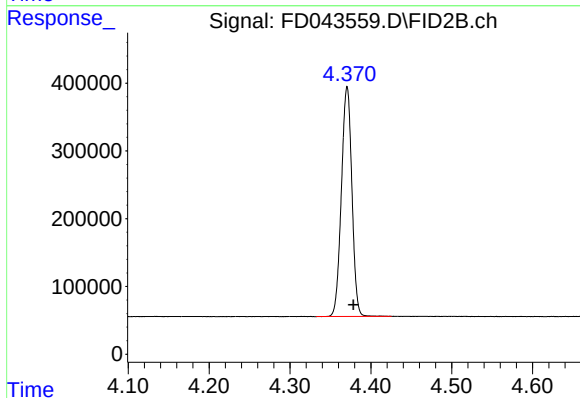
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





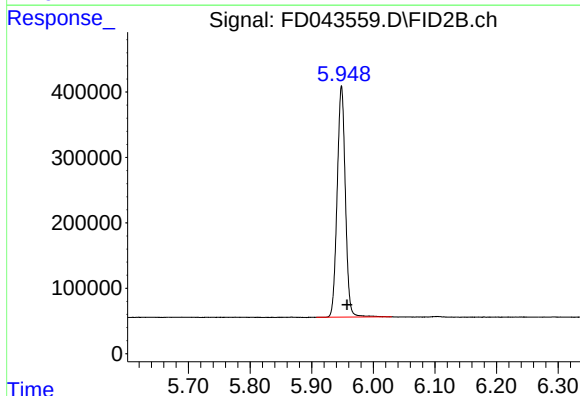
#1 n-Nonane (C9)

R.T.: 3.306 min
Delta R.T.: -0.007 min
Response: 3028305
Conc: 21.61 ug/ml



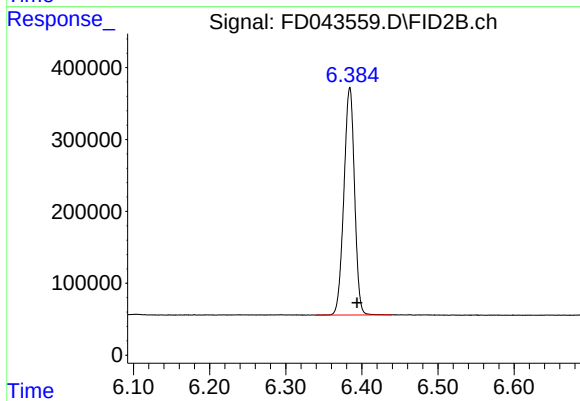
#2 n-Decane (C10)

R.T.: 4.371 min
Delta R.T.: -0.008 min
Response: 3062581
Conc: 21.78 ug/ml



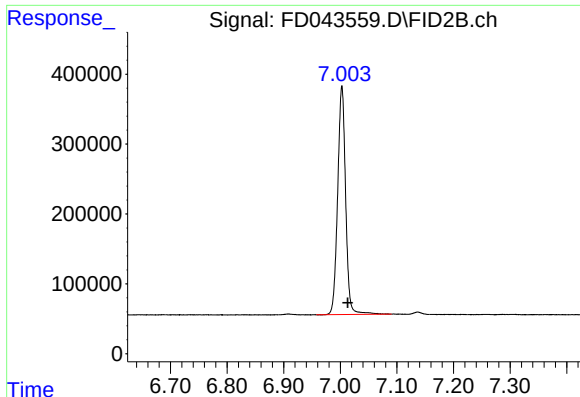
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.009 min
Response: 3268286
Conc: 21.51 ug/ml



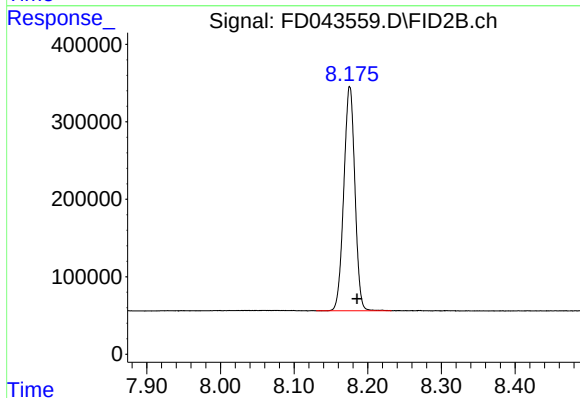
#4 n-Dodecane (C12)

R.T.: 6.384 min
Delta R.T.: -0.010 min
Response: 3076035
Conc: 21.61 ug/ml



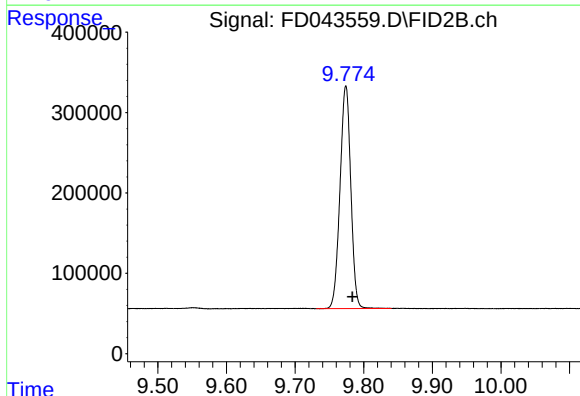
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.003 min
Delta R.T.: -0.010 min
Response: 3196165
Conc: 21.36 ug/ml



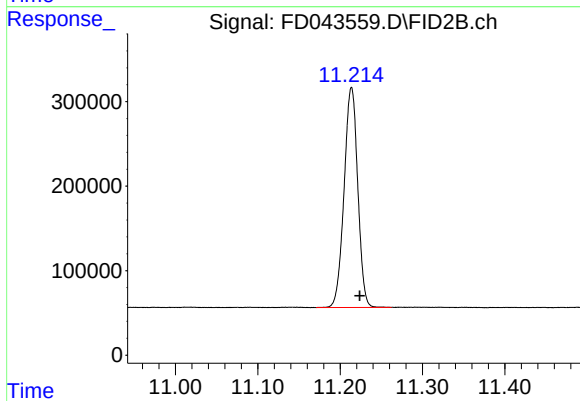
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: -0.010 min
Response: 3033920
Conc: 21.39 ug/ml



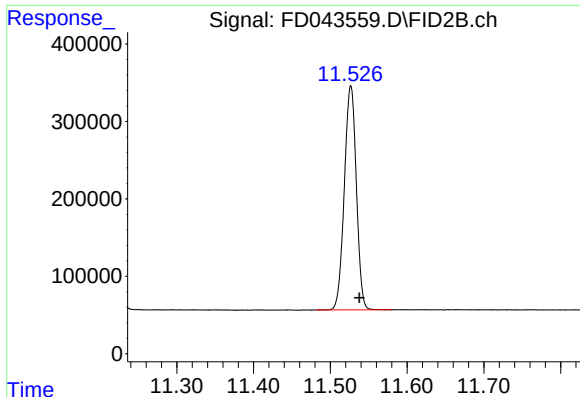
#7 n-Hexadecane (C16)

R.T.: 9.774 min
Delta R.T.: -0.009 min
Response: 3026482
Conc: 21.34 ug/ml



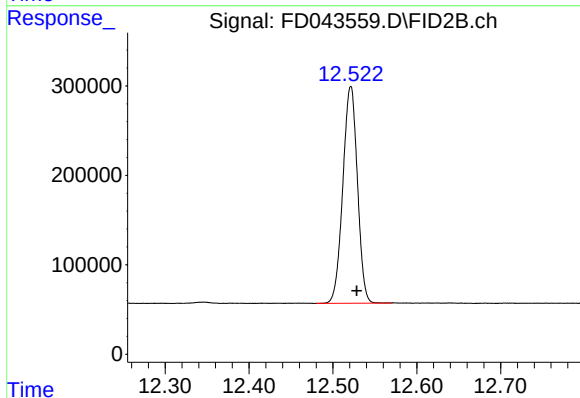
#8 n-Octadecane (C18)

R.T.: 11.214 min
Delta R.T.: -0.010 min
Response: 2997459
Conc: 20.96 ug/ml



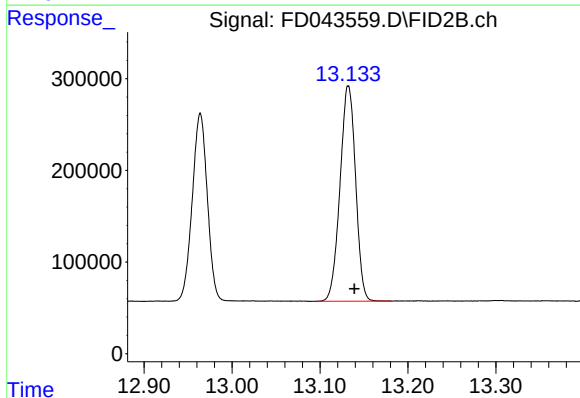
#9 ortho-Terphenyl (SURR)

R.T.: 11.527 min
Delta R.T.: -0.011 min
Response: 3144614
Conc: 19.87 ug/ml



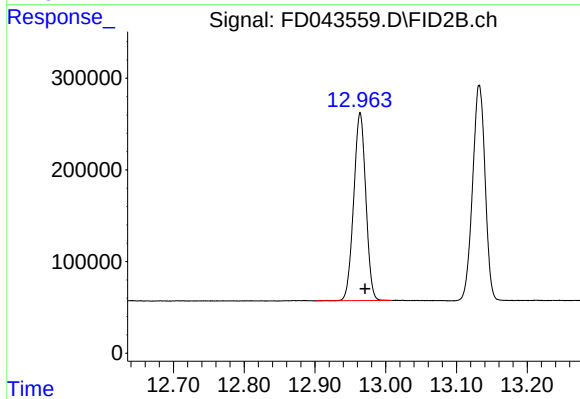
#10 n-Eicosane (C20)

R.T.: 12.521 min
Delta R.T.: -0.007 min
Response: 2929566
Conc: 20.23 ug/ml



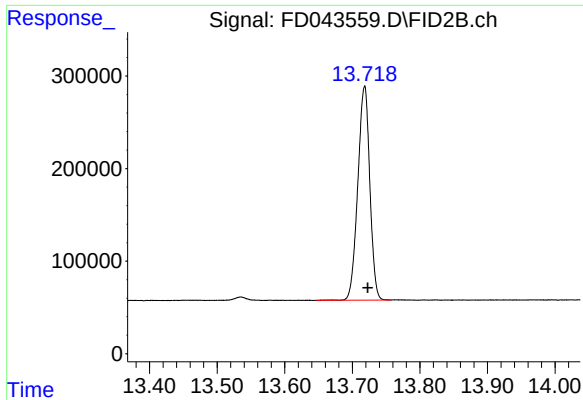
#11 n-Heneicosane (C21)

R.T.: 13.132 min
Delta R.T.: -0.007 min
Response: 2893247
Conc: 19.92 ug/ml



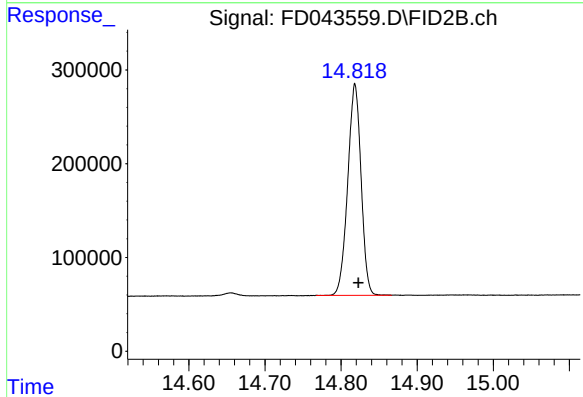
#12 1-chlorooctadecane (SURR)

R.T.: 12.964 min
Delta R.T.: -0.007 min
Response: 2438456
Conc: 19.90 ug/ml



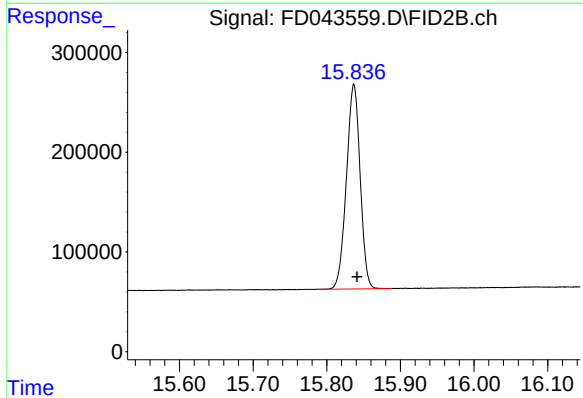
#13 n-Docosane (C22)

R.T.: 13.718 min
Delta R.T.: -0.005 min
Response: 2852148
Conc: 19.66 ug/ml



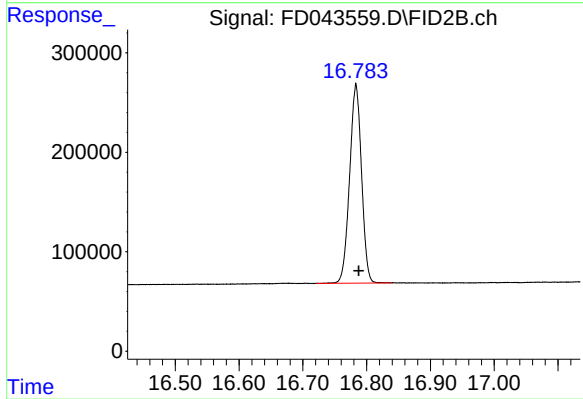
#14 n-Tetracosane (C24)

R.T.: 14.818 min
Delta R.T.: -0.005 min
Response: 2743047
Conc: 18.93 ug/ml



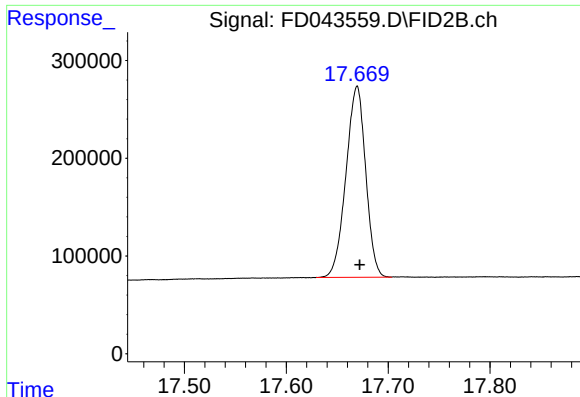
#15 n-Hexacosane (C26)

R.T.: 15.837 min
Delta R.T.: -0.004 min
Response: 2657445
Conc: 18.48 ug/ml



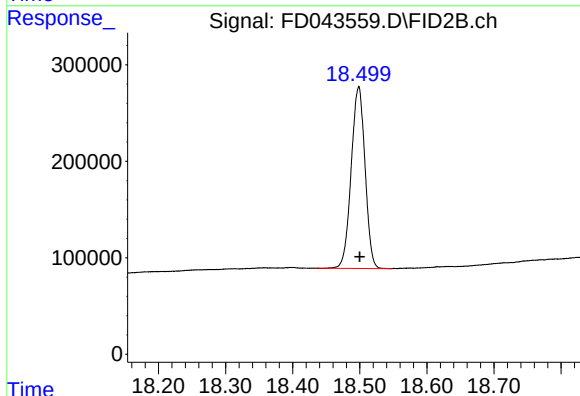
#16 n-Octacosane (C28)

R.T.: 16.783 min
Delta R.T.: -0.005 min
Response: 2594565
Conc: 18.34 ug/ml



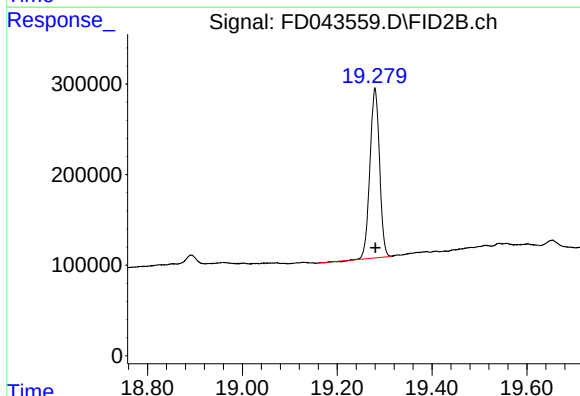
#17 n-Tricontane (C30)

R.T.: 17.669 min
Delta R.T.: -0.003 min
Response: 2630452
Conc: 18.64 ug/ml m



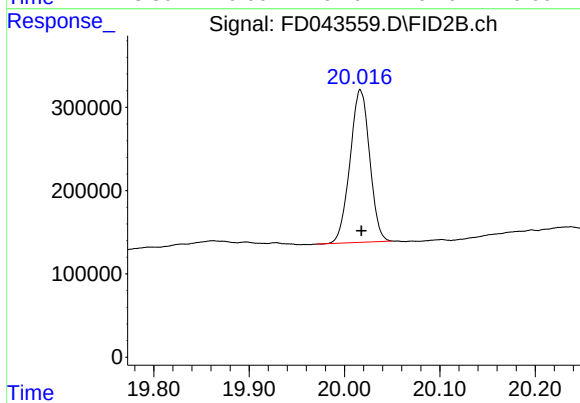
#18 n-Dotriacontane (C32)

R.T.: 18.499 min
Delta R.T.: -0.002 min
Response: 2706179
Conc: 19.57 ug/ml



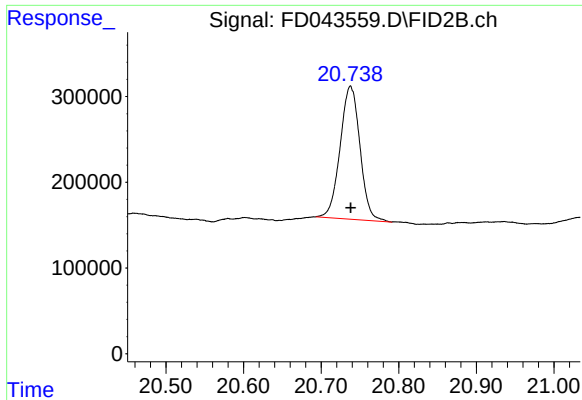
#19 n-Tetratriacontane (C34)

R.T.: 19.280 min
Delta R.T.: 0.000 min
Response: 2627314
Conc: 20.42 ug/ml



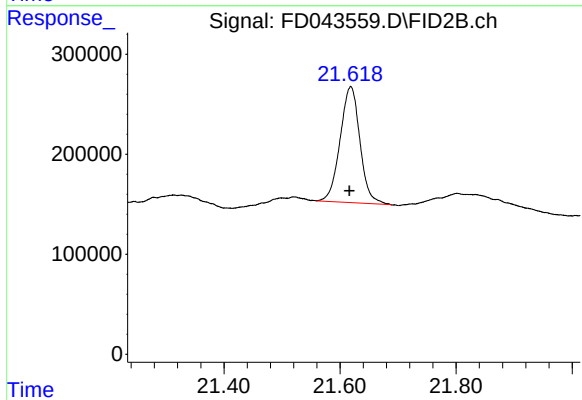
#20 n-Hexatriacontane (C36)

R.T.: 20.017 min
Delta R.T.: -0.001 min
Response: 2623690
Conc: 21.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.738 min
Delta R.T.: 0.000 min
Response: 2759367
Conc: 23.34 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.618 min
Delta R.T.: 0.001 min
Response: 2749967
Conc: 24.32 ug/ml m