

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102723AL\
 Data File : FD046804.D
 Signal(s) : FID2B.ch
 Acq On : 28 Oct 2023 01:20
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 28 05:20:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 05:17:55 2023
 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)	11.388	19754067	94.966 ug/ml
Spiked Amount 50.000		Recovery =	189.93%
12) S 1-chlorooctadecane (S...	12.820	14780417	95.682 ug/ml
Spiked Amount 50.000		Recovery =	191.36%
Target Compounds			
1) T n-Nonane (C9)	3.218	14947082	94.970 ug/ml
2) T n-Decane (C10)	4.271	15174080	94.892 ug/ml
3) T A~Naphthalene (C11.7)	5.830	16875804	94.935 ug/ml
4) T n-Dodecane (C12)	6.273	15434530	94.895 ug/ml
5) T A~2-methylnaphthalene...	6.880	16838233	95.489 ug/ml
6) T n-Tetradecane (C14)	8.057	15470756	95.071 ug/ml
7) T n-Hexadecane (C16)	9.648	16020902	95.226 ug/ml
8) T n-Octadecane (C18)	11.083	16454195	94.999 ug/ml
10) T n-Eicosane (C20)	12.382	16319065	94.951 ug/ml
11) T n-Heneicosane (C21)	12.989	16234443	94.997 ug/ml
13) T n-Docosane (C22)	13.571	16171011	94.667 ug/ml
14) T n-Tetracosane (C24)	14.666	16011090	93.740 ug/ml
15) T n-Hexacosane (C26)	15.678	15474972	93.906 ug/ml
16) T n-Octacosane (C28)	16.620	14742226	93.226 ug/ml
17) T n-Tricontane (C30)	17.500	14315335	92.621 ug/ml
18) T n-Dotriacontane (C32)	18.325	13648359	92.394 ug/ml
19) T n-Tetratriacontane (C34)	19.101	12867862	92.207 ug/ml
20) T n-Hexatriacontane (C36)	19.835	12305470	94.356 ug/ml
21) T n-Octatriacontane (C38)	20.533	11638745	94.308 ug/ml
22) T n-Tetracontane (C40)	21.345	10803886	94.347 ug/ml

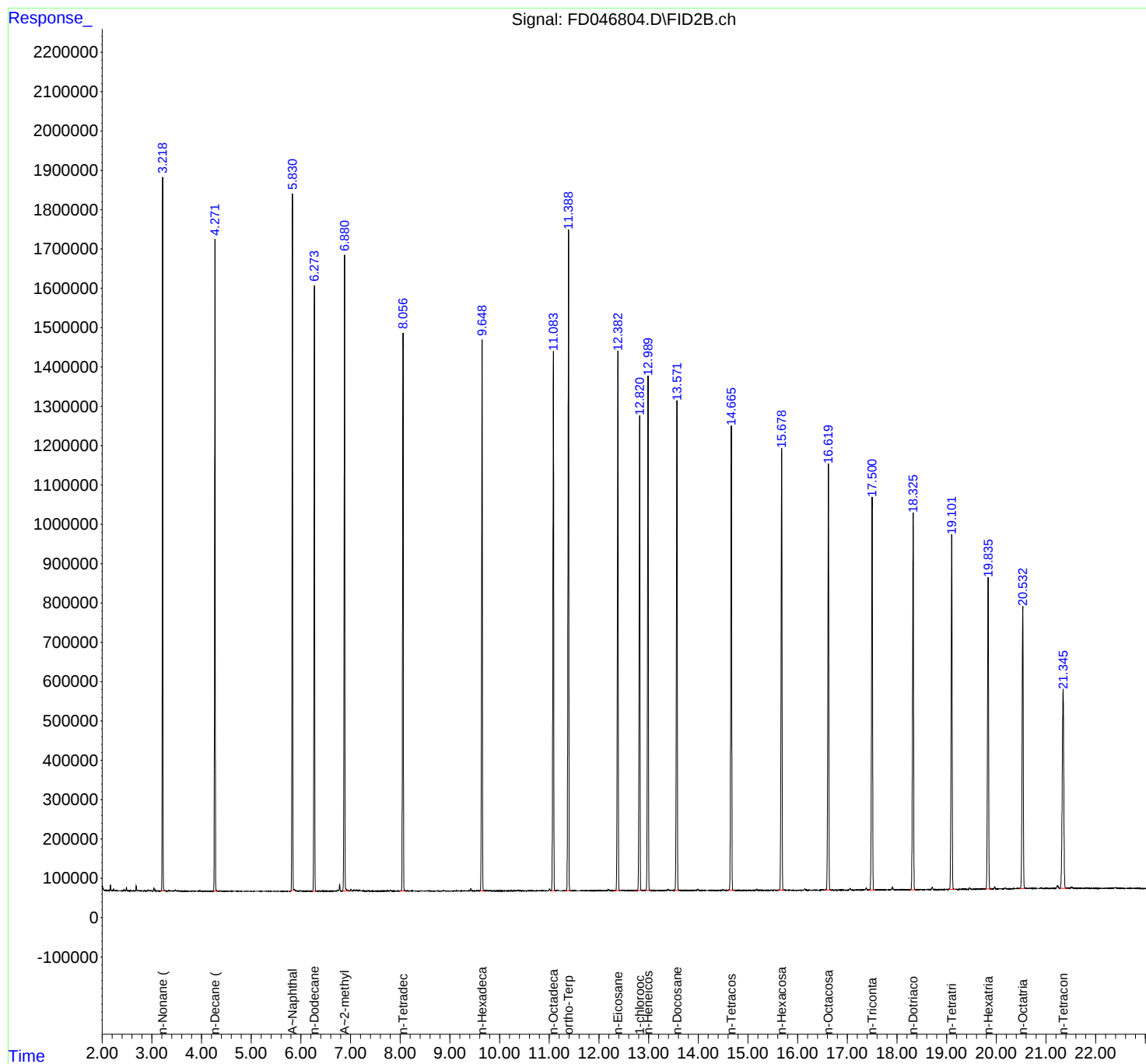
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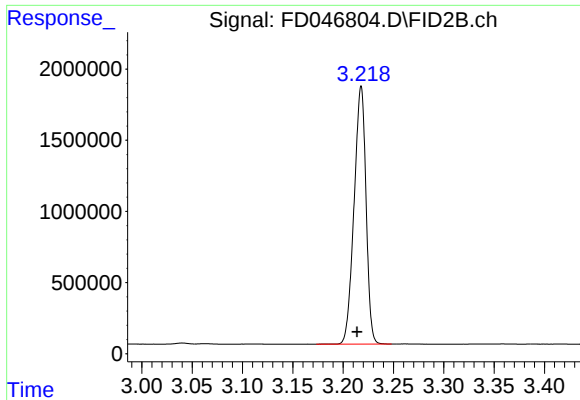
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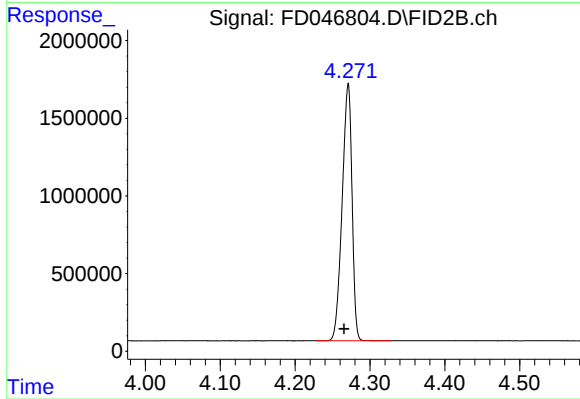
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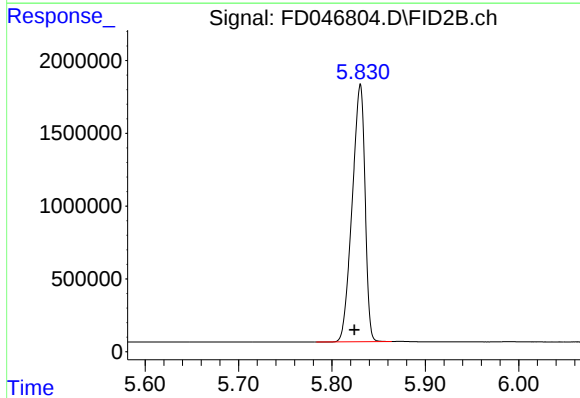
#1 n-Nonane (C9)

R.T.: 3.218 min
Delta R.T.: 0.004 min
Response: 14947082
Conc: 94.97 ug/ml



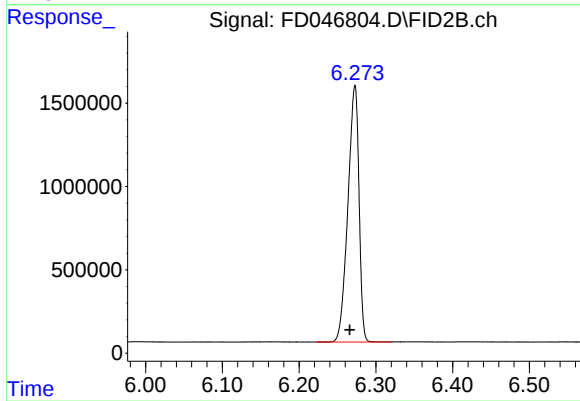
#2 n-Decane (C10)

R.T.: 4.271 min
Delta R.T.: 0.005 min
Response: 15174080
Conc: 94.89 ug/ml



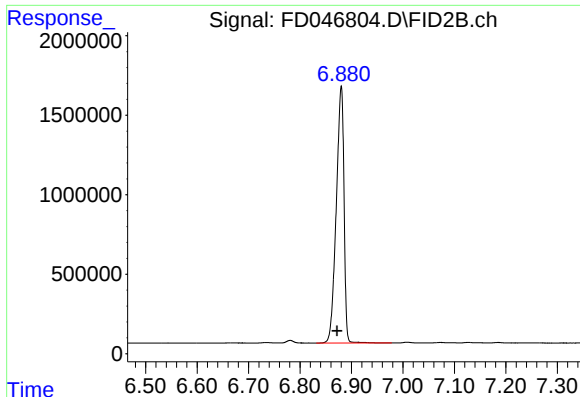
#3 A~Naphthalene (C11.7)

R.T.: 5.830 min
Delta R.T.: 0.006 min
Response: 16875804
Conc: 94.94 ug/ml



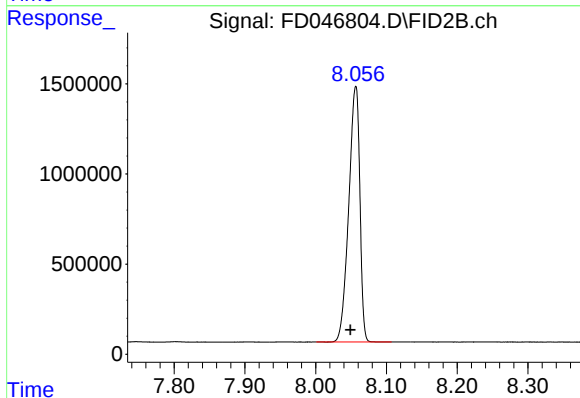
#4 n-Dodecane (C12)

R.T.: 6.273 min
Delta R.T.: 0.007 min
Response: 15434530
Conc: 94.90 ug/ml



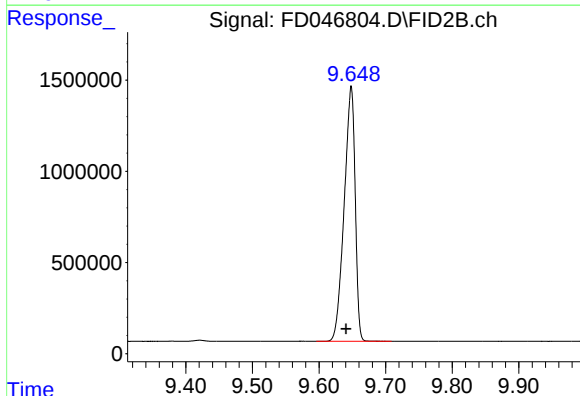
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.880 min
Delta R.T.: 0.008 min
Response: 16838233
Conc: 95.49 ug/ml



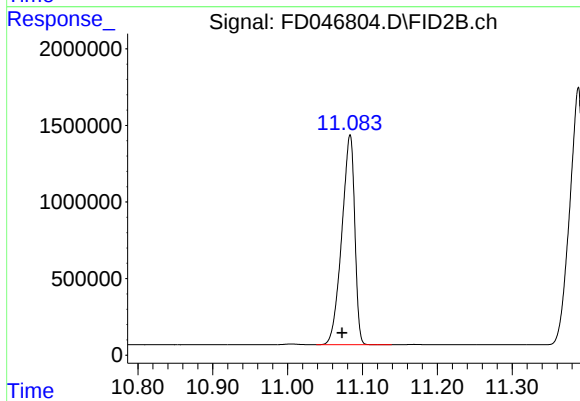
#6 n-Tetradecane (C14)

R.T.: 8.057 min
Delta R.T.: 0.007 min
Response: 15470756
Conc: 95.07 ug/ml



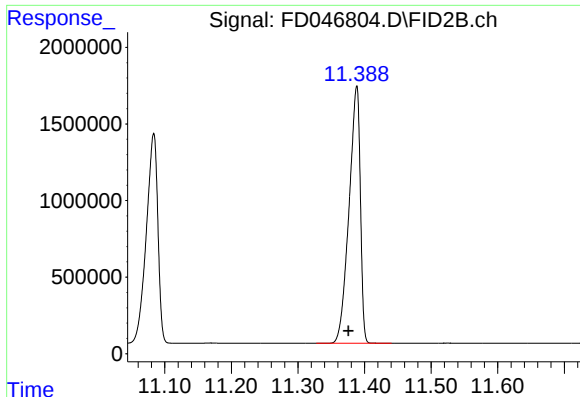
#7 n-Hexadecane (C16)

R.T.: 9.648 min
Delta R.T.: 0.008 min
Response: 16020902
Conc: 95.23 ug/ml



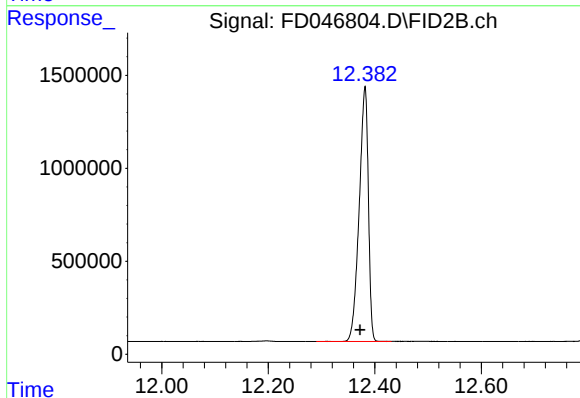
#8 n-Octadecane (C18)

R.T.: 11.083 min
Delta R.T.: 0.011 min
Response: 16454195
Conc: 95.00 ug/ml



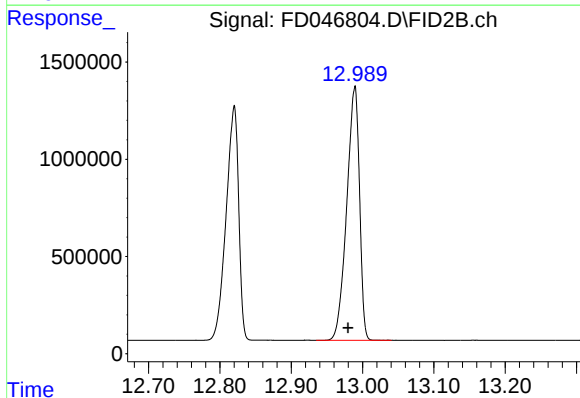
#9 ortho-Terphenyl (SURR)

R.T.: 11.388 min
Delta R.T.: 0.013 min
Response: 19754067
Conc: 94.97 ug/ml



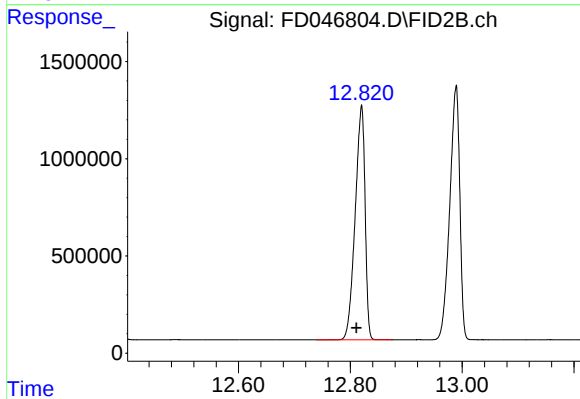
#10 n-Eicosane (C20)

R.T.: 12.382 min
Delta R.T.: 0.009 min
Response: 16319065
Conc: 94.95 ug/ml



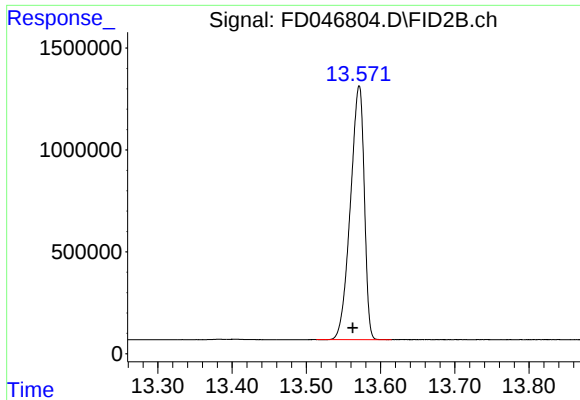
#11 n-Heneicosane (C21)

R.T.: 12.989 min
Delta R.T.: 0.009 min
Response: 16234443
Conc: 95.00 ug/ml



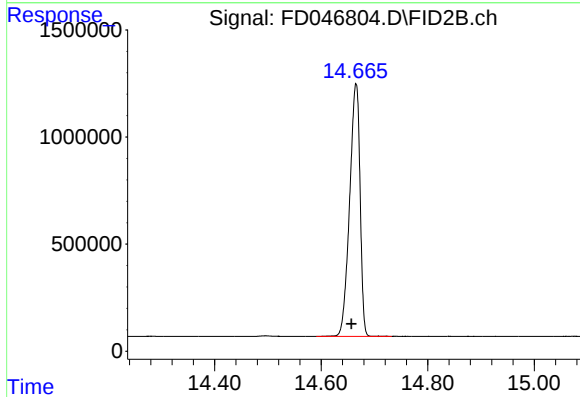
#12 1-chlorooctadecane (SURR)

R.T.: 12.820 min
Delta R.T.: 0.009 min
Response: 14780417
Conc: 95.68 ug/ml



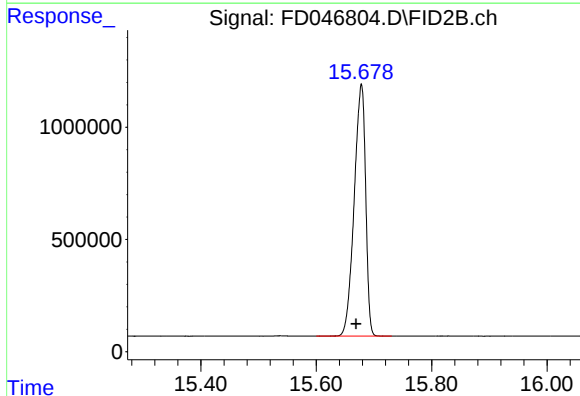
#13 n-Docosane (C22)

R.T.: 13.571 min
Delta R.T.: 0.009 min
Response: 16171011
Conc: 94.67 ug/ml



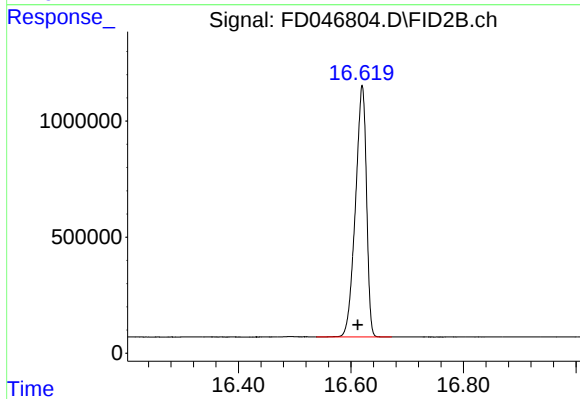
#14 n-Tetracosane (C24)

R.T.: 14.666 min
Delta R.T.: 0.009 min
Response: 16011090
Conc: 93.74 ug/ml



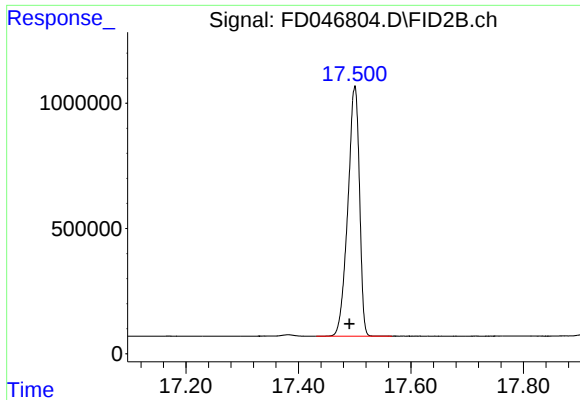
#15 n-Hexacosane (C26)

R.T.: 15.678 min
Delta R.T.: 0.009 min
Response: 15474972
Conc: 93.91 ug/ml



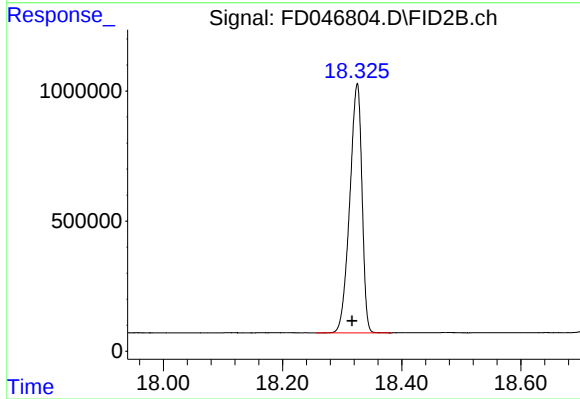
#16 n-Octacosane (C28)

R.T.: 16.620 min
Delta R.T.: 0.008 min
Response: 14742226
Conc: 93.23 ug/ml



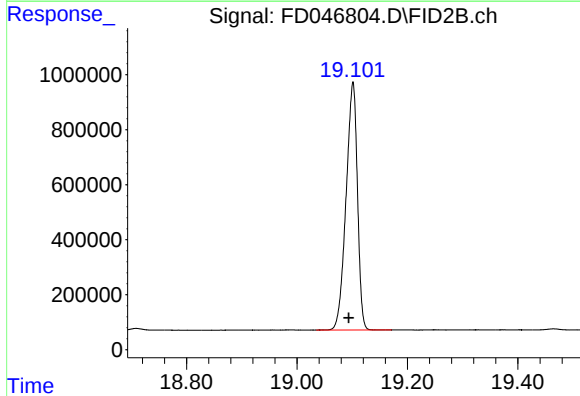
#17 n-Tricontane (C30)

R.T.: 17.500 min
Delta R.T.: 0.009 min
Response: 14315335
Conc: 92.62 ug/ml



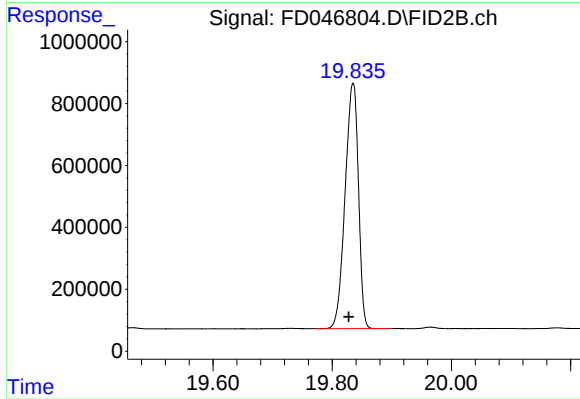
#18 n-Dotriacontane (C32)

R.T.: 18.325 min
Delta R.T.: 0.009 min
Response: 13648359
Conc: 92.39 ug/ml



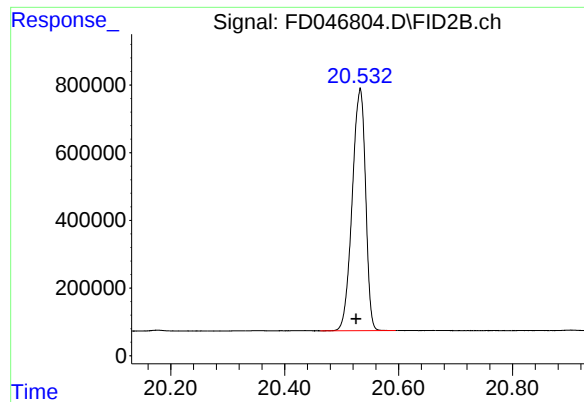
#19 n-Tetratriacontane (C34)

R.T.: 19.101 min
Delta R.T.: 0.008 min
Response: 12867862
Conc: 92.21 ug/ml



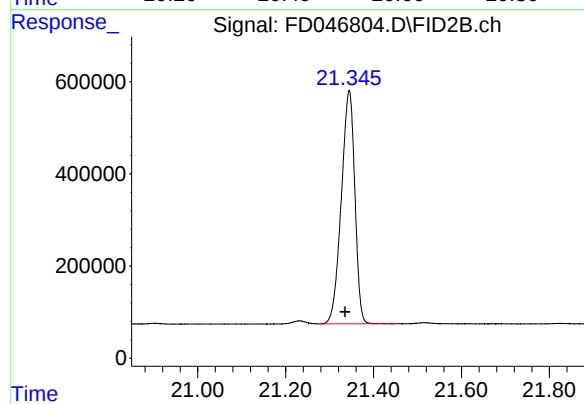
#20 n-Hexatriacontane (C36)

R.T.: 19.835 min
Delta R.T.: 0.008 min
Response: 12305470
Conc: 94.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.533 min
Delta R.T.: 0.008 min
Response: 11638745
Conc: 94.31 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.345 min
Delta R.T.: 0.009 min
Response: 10803886
Conc: 94.35 ug/ml