

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022723AL\
 Data File : FG011490.D
 Signal(s) : FID1A.ch
 Acq On : 27 Feb 2023 21:44
 Operator : YP\AJ
 Sample : 01627-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 68 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 04:15:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 022723.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:30:17 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)	10.967	699593	4.944 ug/ml
Spiked Amount 50.000		Recovery =	9.89%
12) S 1-chlorooctadecane (S...	12.412	5539984	49.629 ug/ml
Spiked Amount 50.000		Recovery =	99.26%
Target Compounds			
1) T n-Nonane (C9)	2.791	328432	2.907 ug/ml
2) T n-Decane (C10)	3.806	407041	3.624 ug/ml
4) T n-Dodecane (C12)	5.801	524129	4.523 ug/ml
6) T n-Tetradecane (C14)	7.598	504798	4.202 ug/ml
7) T n-Hexadecane (C16)	9.203	562875	4.424 ug/ml
8) T n-Octadecane (C18)	10.647	638977	4.869 ug/ml
10) T n-Eicosane (C20)	11.960	662647	5.122 ug/ml
11) T n-Heneicosane (C21)	12.574	627600	4.858 ug/ml
13) T n-Docosane (C22)	13.162	666444	5.135 ug/ml
14) T n-Tetracosane (C24)	14.268	691041	5.278 ug/ml
15) T n-Hexacosane (C26)	15.291	618611	4.819 ug/ml
16) T n-Octacosane (C28)	16.244	596109	4.723 ug/ml
17) T n-Tricontane (C30)	17.135	587873	4.722 ug/ml
18) T n-Dotriacontane (C32)	17.970	588961	4.832 ug/ml
19) T n-Tetratriacontane (C34)	18.754	584378	4.866 ug/ml
20) T n-Hexatriacontane (C36)	19.496	542238	5.061 ug/ml
21) T n-Octatriacontane (C38)	20.249	543654	5.161 ug/ml
22) T n-Tetracontane (C40)	21.188	513945	4.805 ug/ml

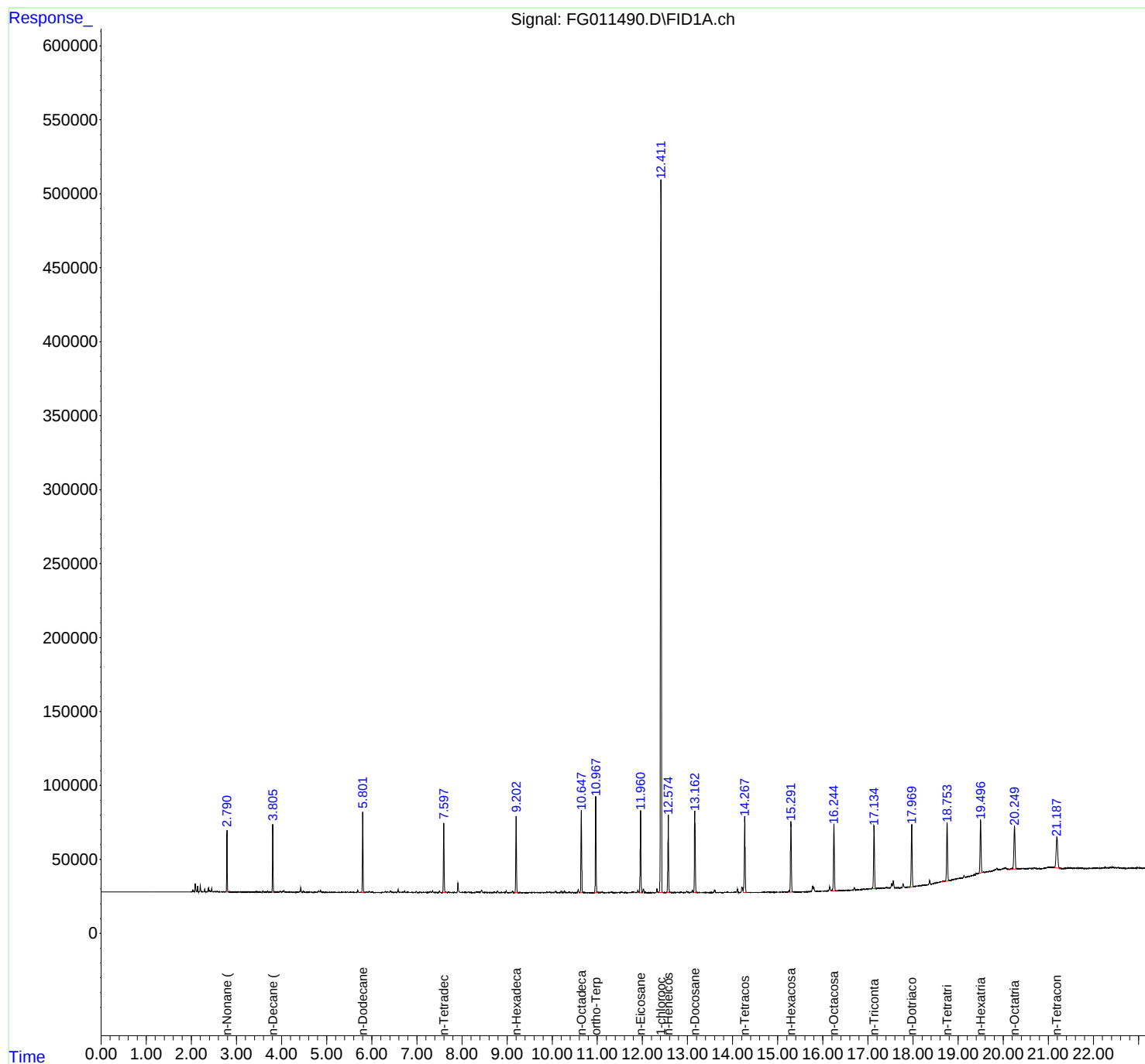
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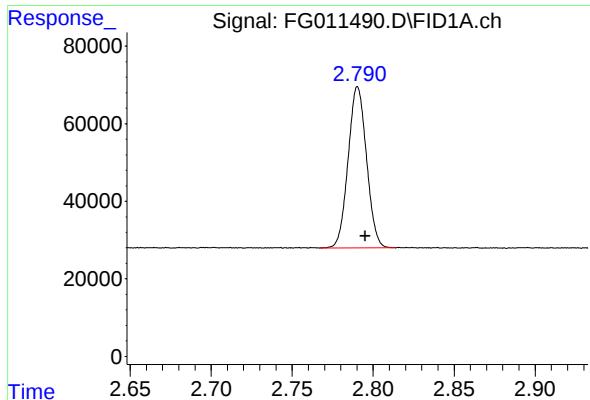
(m)=manual int.

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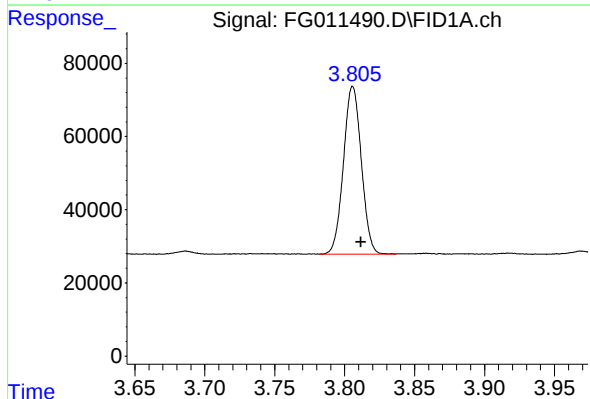
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Signal Info : 20M x 0.18mm x 0.18um





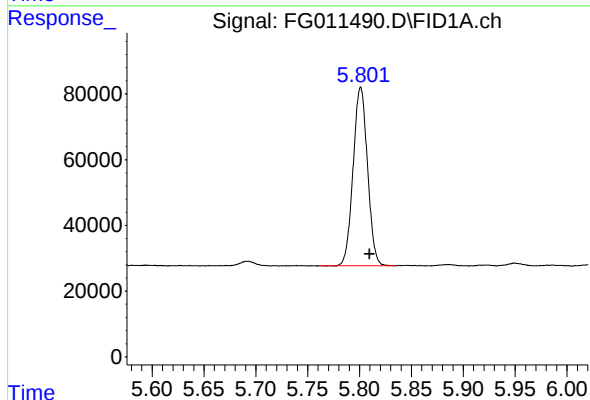
#1 n-Nonane (C9)

R.T.: 2.791 min
Delta R.T.: -0.004 min
Response: 328432
Conc: 2.91 ug/ml



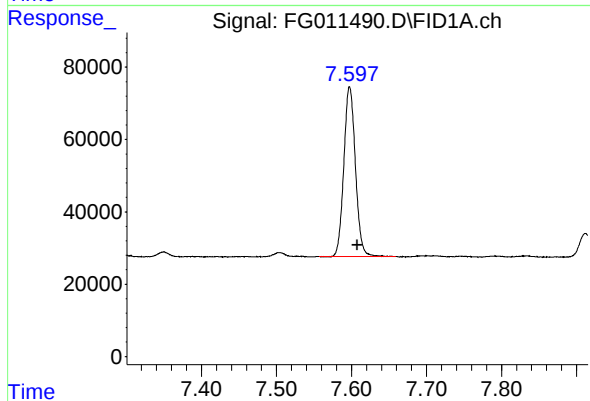
#2 n-Decane (C10)

R.T.: 3.806 min
Delta R.T.: -0.006 min
Response: 407041
Conc: 3.62 ug/ml



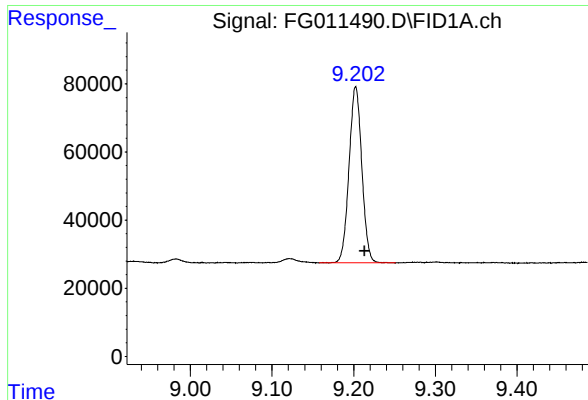
#4 n-Dodecane (C12)

R.T.: 5.801 min
Delta R.T.: -0.009 min
Response: 524129
Conc: 4.52 ug/ml



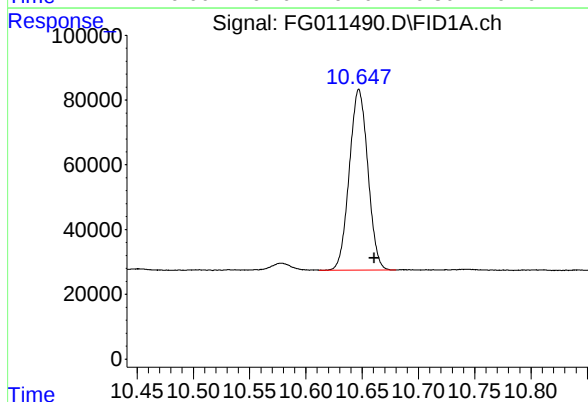
#6 n-Tetradecane (C14)

R.T.: 7.598 min
Delta R.T.: -0.010 min
Response: 504798
Conc: 4.20 ug/ml



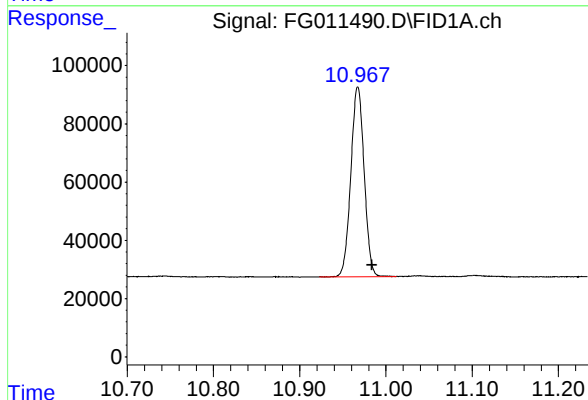
#7 n-Hexadecane (C16)

R.T.: 9.203 min
Delta R.T.: -0.011 min
Response: 562875
Conc: 4.42 ug/ml



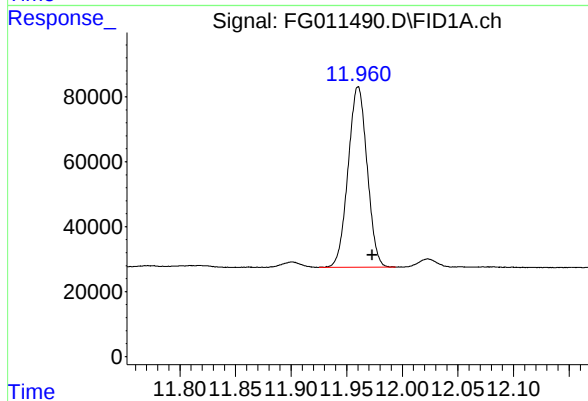
#8 n-Octadecane (C18)

R.T.: 10.647 min
Delta R.T.: -0.014 min
Response: 638977
Conc: 4.87 ug/ml



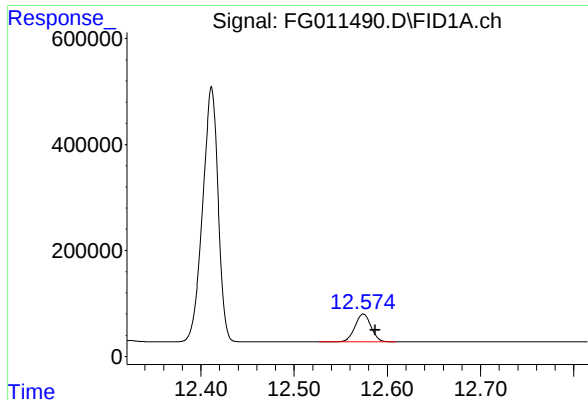
#9 ortho-Terphenyl (SURR)

R.T.: 10.967 min
Delta R.T.: -0.016 min
Response: 699593
Conc: 4.94 ug/ml



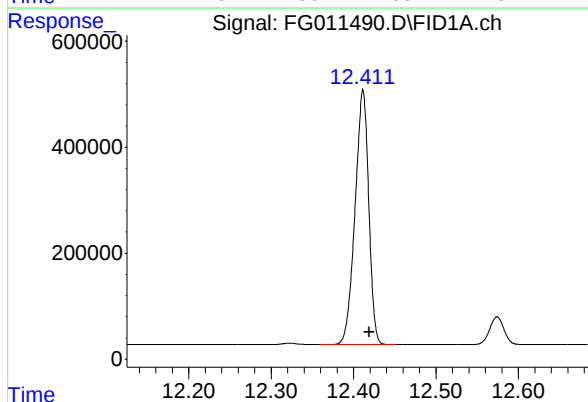
#10 n-Eicosane (C20)

R.T.: 11.960 min
Delta R.T.: -0.013 min
Response: 662647
Conc: 5.12 ug/ml



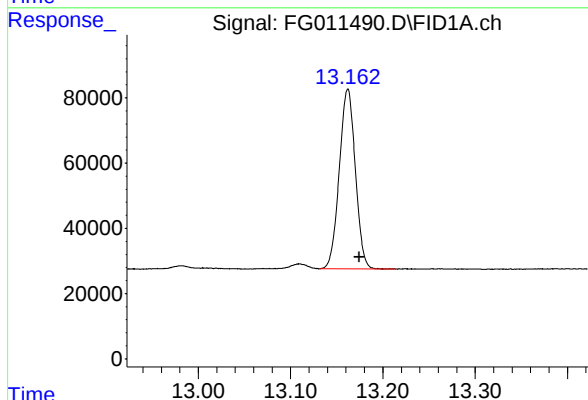
#11 n-Heneicosane (C21)

R.T.: 12.574 min
Delta R.T.: -0.013 min
Response: 627600
Conc: 4.86 ug/ml



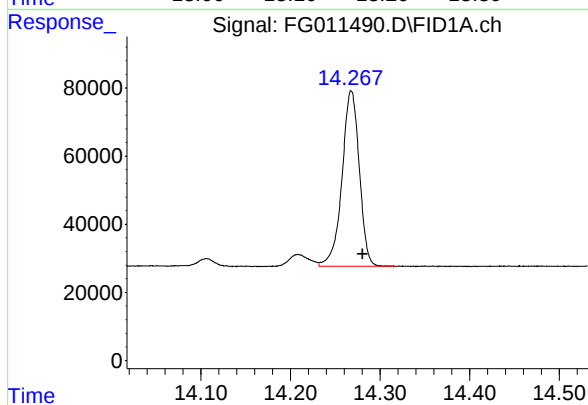
#12 1-chlorooctadecane (SURR)

R.T.: 12.412 min
Delta R.T.: -0.008 min
Response: 5539984
Conc: 49.63 ug/ml



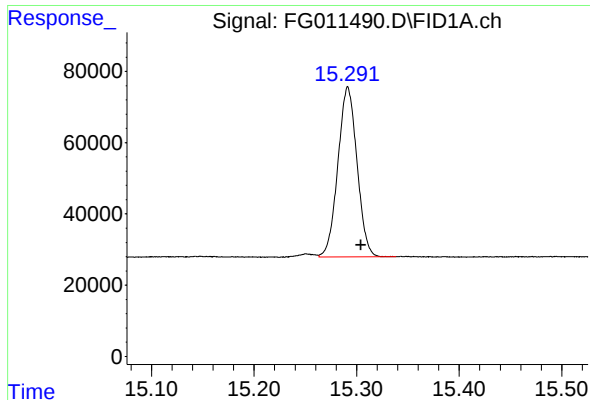
#13 n-Docosane (C22)

R.T.: 13.162 min
Delta R.T.: -0.013 min
Response: 666444
Conc: 5.13 ug/ml



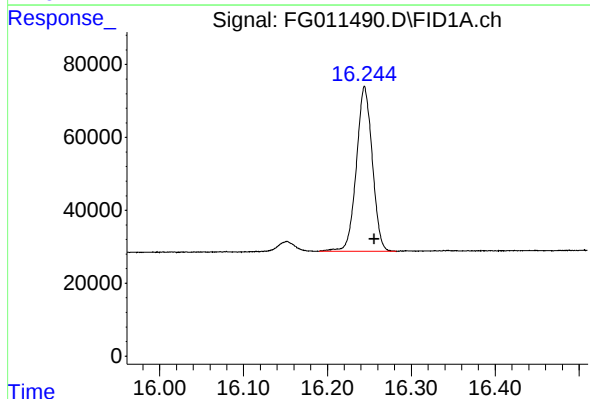
#14 n-Tetracosane (C24)

R.T.: 14.268 min
Delta R.T.: -0.013 min
Response: 691041
Conc: 5.28 ug/ml



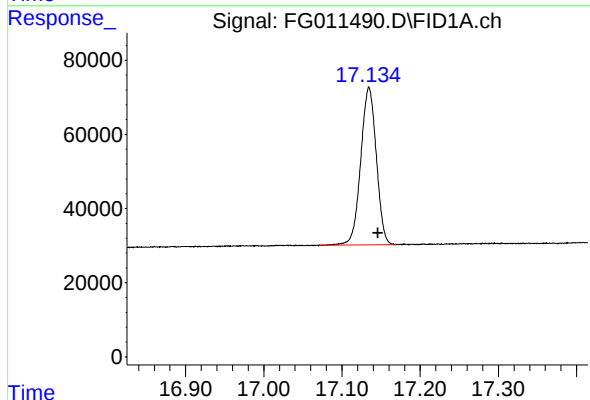
#15 n-Hexacosane (C26)

R.T.: 15.291 min
Delta R.T.: -0.013 min
Response: 618611
Conc: 4.82 ug/ml



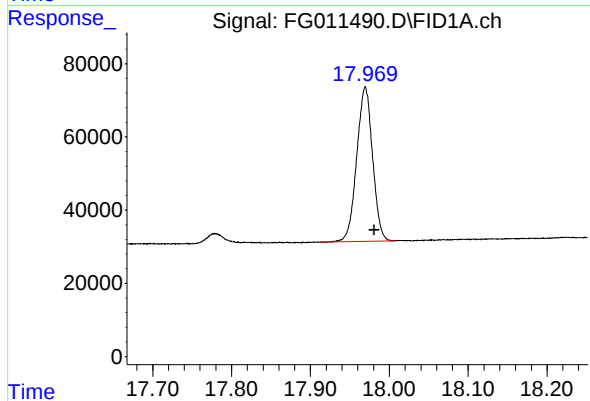
#16 n-Octacosane (C28)

R.T.: 16.244 min
Delta R.T.: -0.012 min
Response: 596109
Conc: 4.72 ug/ml



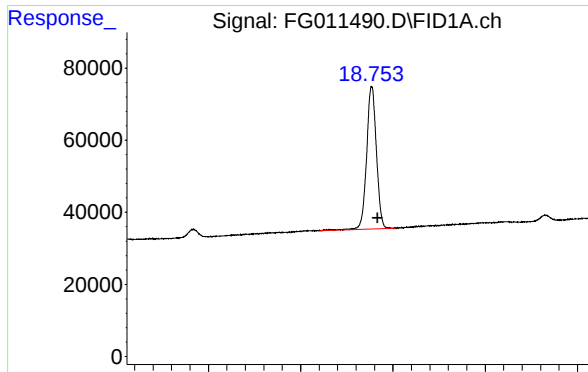
#17 n-Tricontane (C30)

R.T.: 17.135 min
Delta R.T.: -0.012 min
Response: 587873
Conc: 4.72 ug/ml



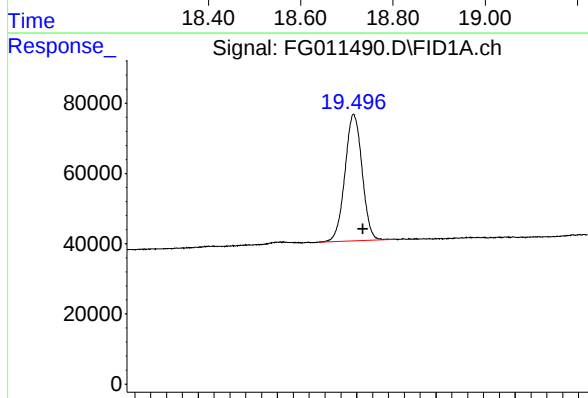
#18 n-Dotriacontane (C32)

R.T.: 17.970 min
Delta R.T.: -0.012 min
Response: 588961
Conc: 4.83 ug/ml



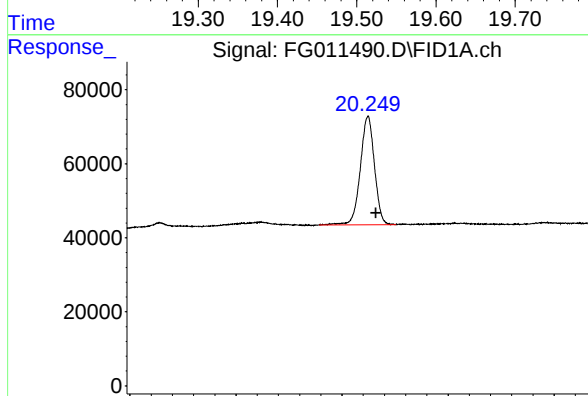
#19 n-Tetratriacontane (C34)

R.T.: 18.754 min
Delta R.T.: -0.013 min
Response: 584378
Conc: 4.87 ug/ml



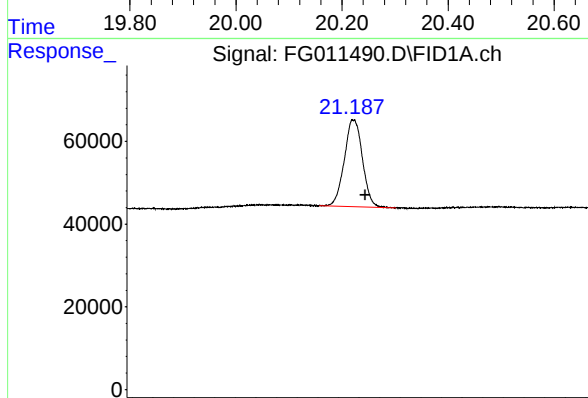
#20 n-Hexatriacontane (C36)

R.T.: 19.496 min
Delta R.T.: -0.012 min
Response: 542238
Conc: 5.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.249 min
Delta R.T.: -0.015 min
Response: 543654
Conc: 5.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.188 min
Delta R.T.: -0.025 min
Response: 513945
Conc: 4.80 ug/ml