

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022723AL\
 Data File : FG011492.D
 Signal(s) : FID1A.ch
 Acq On : 27 Feb 2023 22:43
 Operator : YP\AJ
 Sample : 01627-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 04:15:53 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	839521	5.933 ug/ml
Spiked Amount 50.000		Recovery =	11.87%
12) S 1-chlorooctadecane (S...	12.411	5542242	49.649 ug/ml
Spiked Amount 50.000		Recovery =	99.30%
Target Compounds			
1) T n-Nonane (C9)	2.791	252567	2.235 ug/ml
2) T n-Decane (C10)	3.805	312903	2.786 ug/ml
4) T n-Dodecane (C12)	5.801	395085	3.410 ug/ml
6) T n-Tetradecane (C14)	7.598	378815	3.154 ug/ml
7) T n-Hexadecane (C16)	9.202	424469	3.336 ug/ml
8) T n-Octadecane (C18)	10.647	479141	3.651 ug/ml
10) T n-Eicosane (C20)	11.960	494574	3.823 ug/ml
11) T n-Heneicosane (C21)	12.574	467390	3.618 ug/ml
13) T n-Docosane (C22)	13.161	523279	4.032 ug/ml
14) T n-Tetracosane (C24)	14.268	611400	4.669 ug/ml
15) T n-Hexacosane (C26)	15.291	618739	4.820 ug/ml
16) T n-Octacosane (C28)	16.244	660911	5.236 ug/ml
17) T n-Tricontane (C30)	17.134	737216	5.921 ug/ml
18) T n-Dotriacontane (C32)	17.968	735742	6.037 ug/ml
19) T n-Tetratriacontane (C34)	18.755	606047	5.046 ug/ml
20) T n-Hexatriacontane (C36)	19.497	496633	4.635 ug/ml
21) T n-Octatriacontane (C38)	20.248	433860	4.119 ug/ml
22) T n-Tetracontane (C40)	21.189	398494	3.726 ug/ml

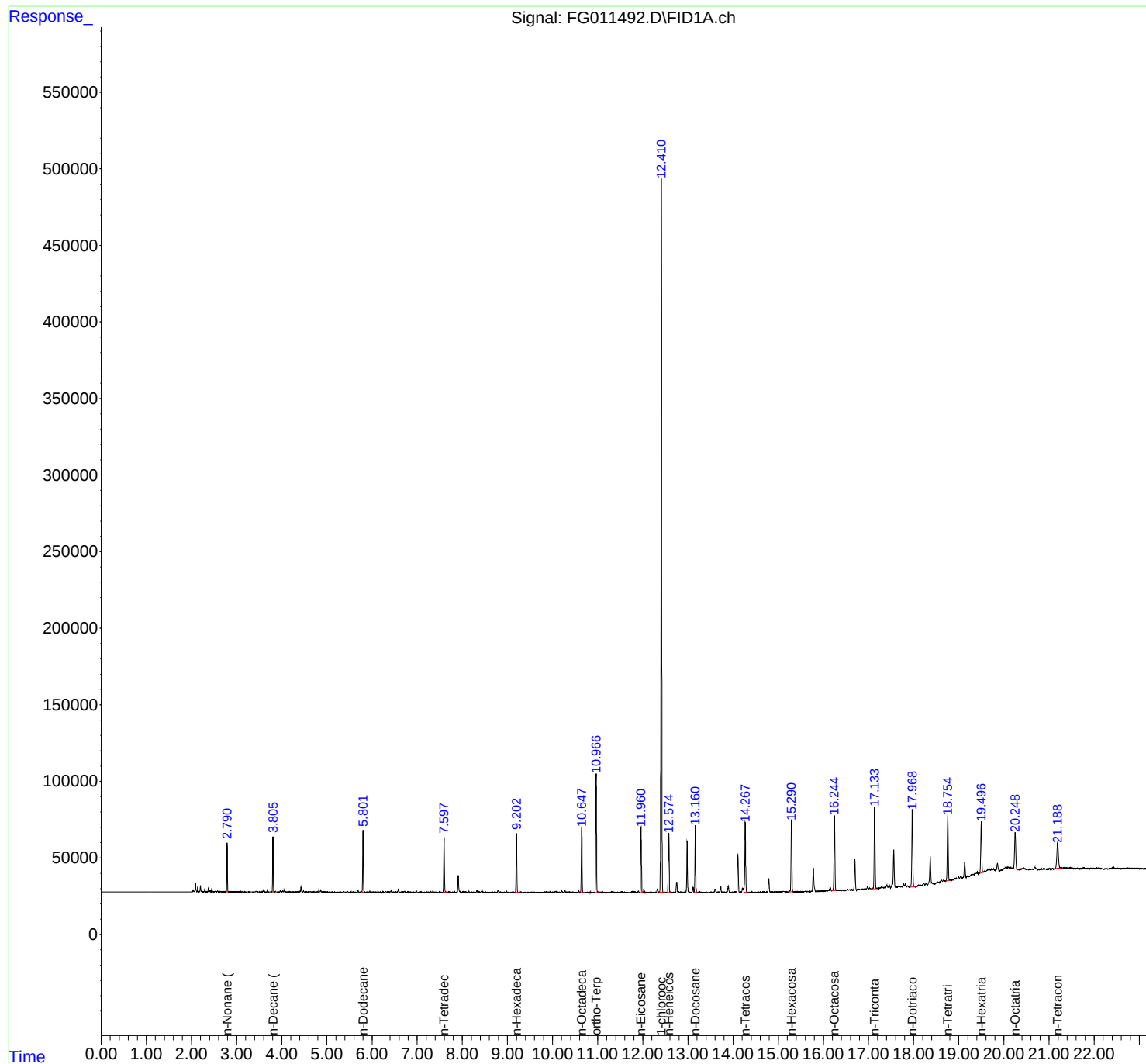
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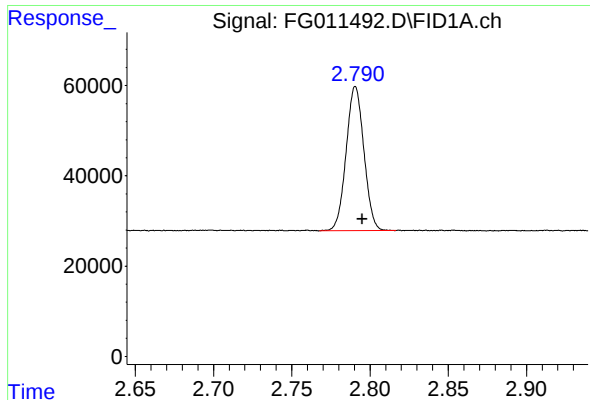
(m)=manual int.

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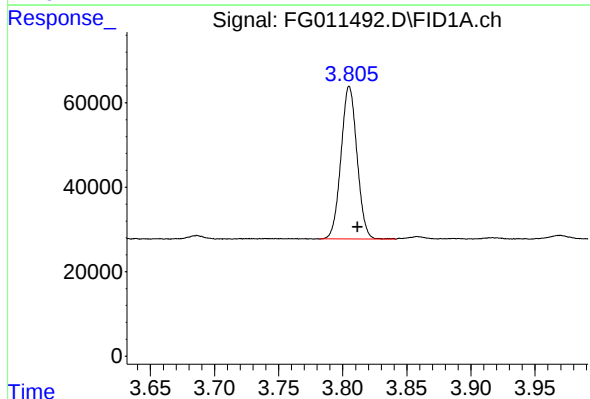
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Signal Info : 20M x 0.18mm x 0.18um





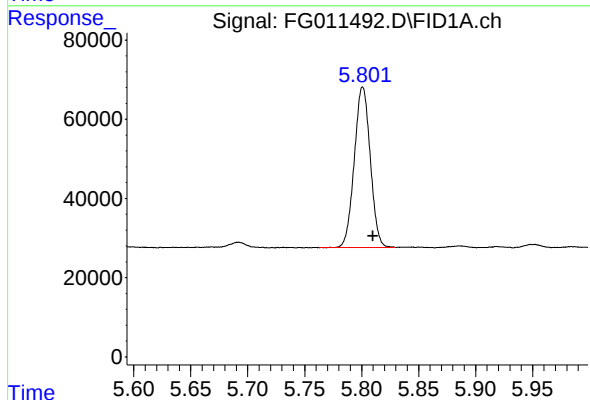
#1 n-Nonane (C9)

R.T.: 2.791 min
Delta R.T.: -0.004 min
Response: 252567
Conc: 2.24 ug/ml



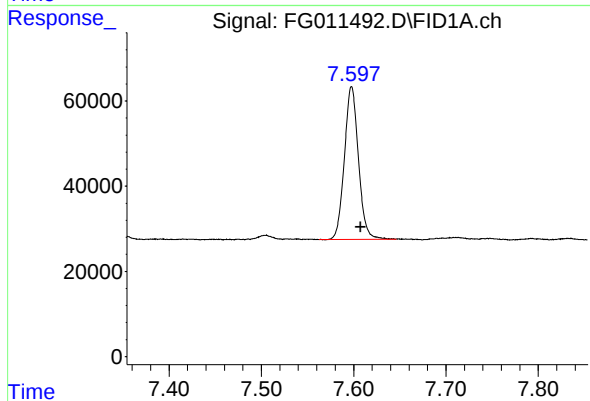
#2 n-Decane (C10)

R.T.: 3.805 min
Delta R.T.: -0.006 min
Response: 312903
Conc: 2.79 ug/ml



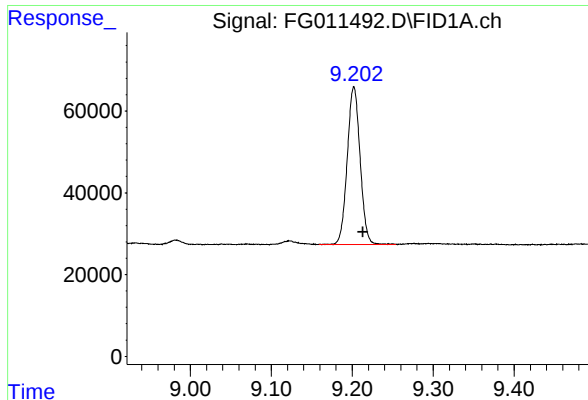
#4 n-Dodecane (C12)

R.T.: 5.801 min
Delta R.T.: -0.009 min
Response: 395085
Conc: 3.41 ug/ml



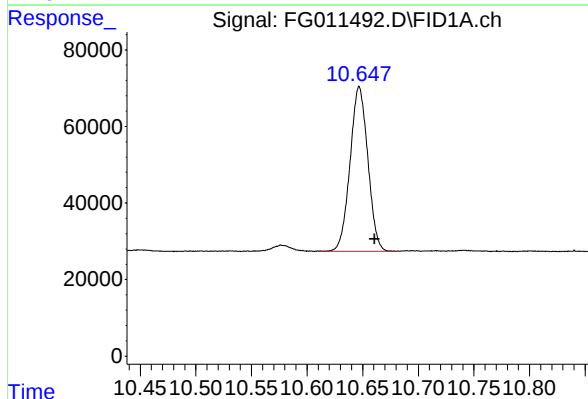
#6 n-Tetradecane (C14)

R.T.: 7.598 min
Delta R.T.: -0.010 min
Response: 378815
Conc: 3.15 ug/ml



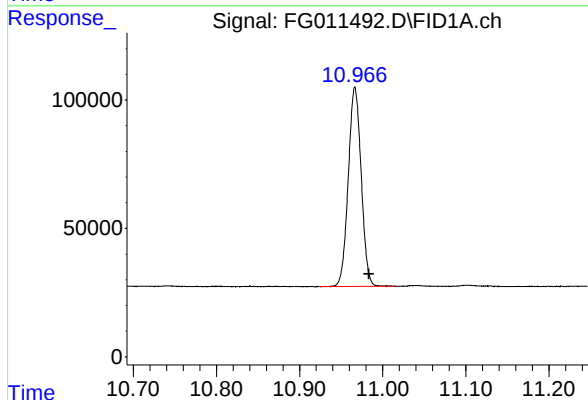
#7 n-Hexadecane (C16)

R.T.: 9.202 min
Delta R.T.: -0.011 min
Response: 424469
Conc: 3.34 ug/ml



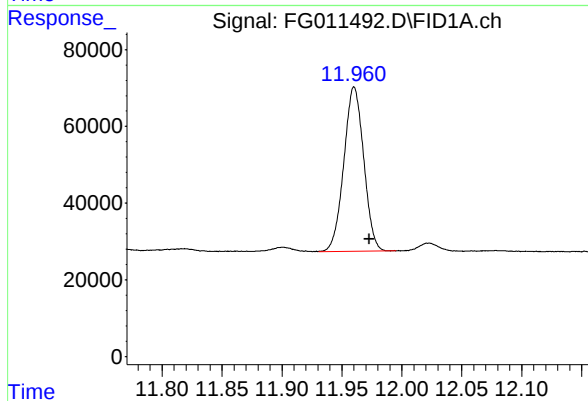
#8 n-Octadecane (C18)

R.T.: 10.647 min
Delta R.T.: -0.014 min
Response: 479141
Conc: 3.65 ug/ml



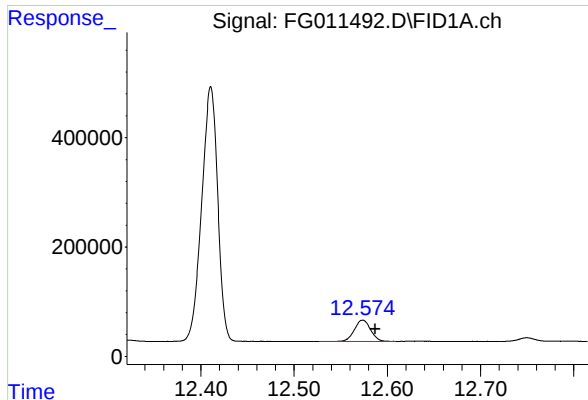
#9 ortho-Terphenyl (SURR)

R.T.: 10.967 min
Delta R.T.: -0.017 min
Response: 839521
Conc: 5.93 ug/ml



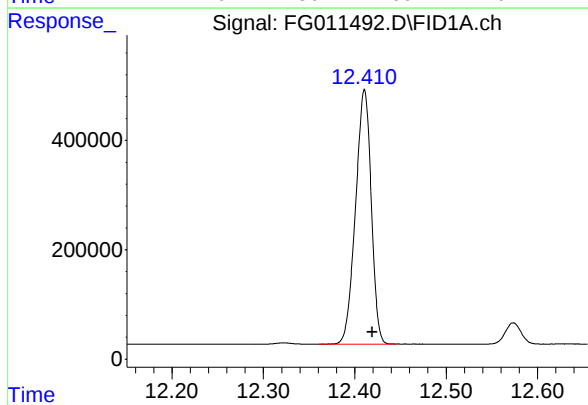
#10 n-Eicosane (C20)

R.T.: 11.960 min
Delta R.T.: -0.013 min
Response: 494574
Conc: 3.82 ug/ml



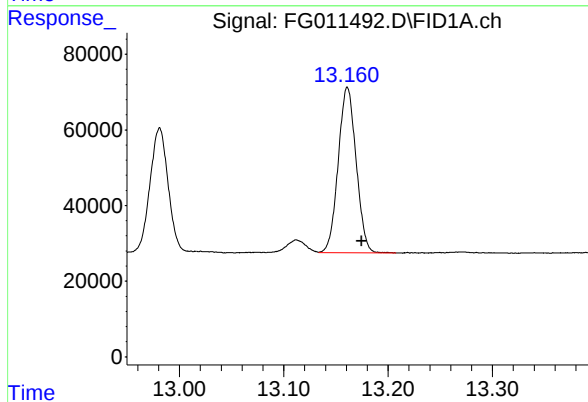
#11 n-Heneicosane (C21)

R.T.: 12.574 min
Delta R.T.: -0.013 min
Response: 467390
Conc: 3.62 ug/ml



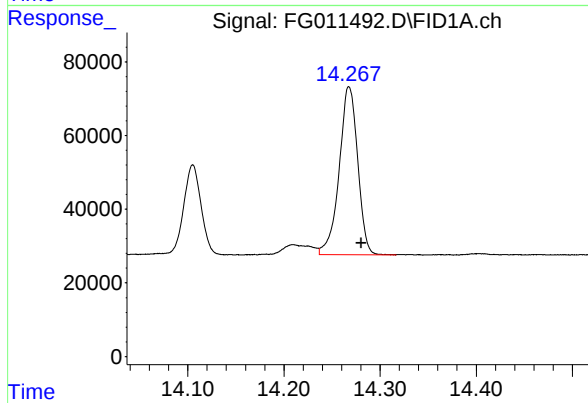
#12 1-chlorooctadecane (SURR)

R.T.: 12.411 min
Delta R.T.: -0.009 min
Response: 5542242
Conc: 49.65 ug/ml



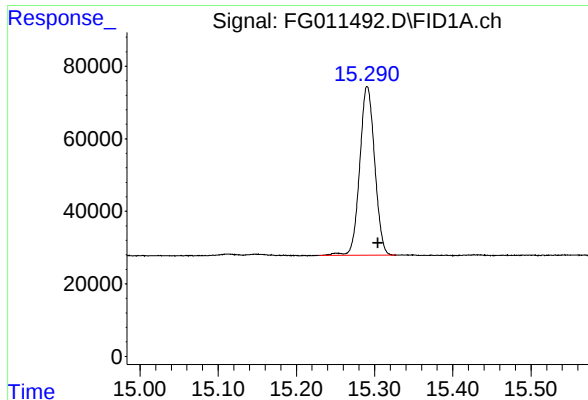
#13 n-Docosane (C22)

R.T.: 13.161 min
Delta R.T.: -0.014 min
Response: 523279
Conc: 4.03 ug/ml



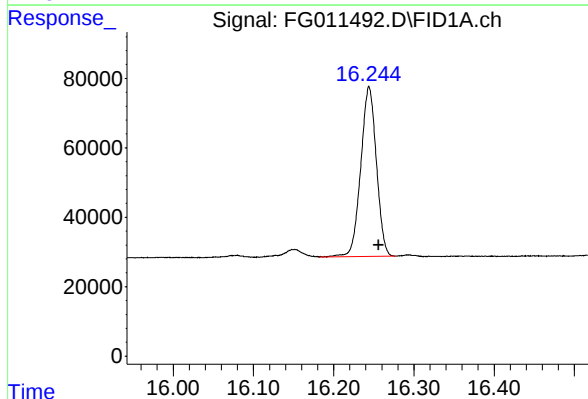
#14 n-Tetracosane (C24)

R.T.: 14.268 min
Delta R.T.: -0.013 min
Response: 611400
Conc: 4.67 ug/ml



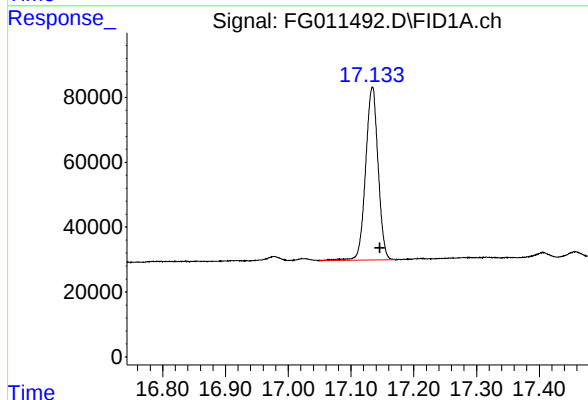
#15 n-Hexacosane (C26)

R.T.: 15.291 min
Delta R.T.: -0.014 min
Response: 618739
Conc: 4.82 ug/ml



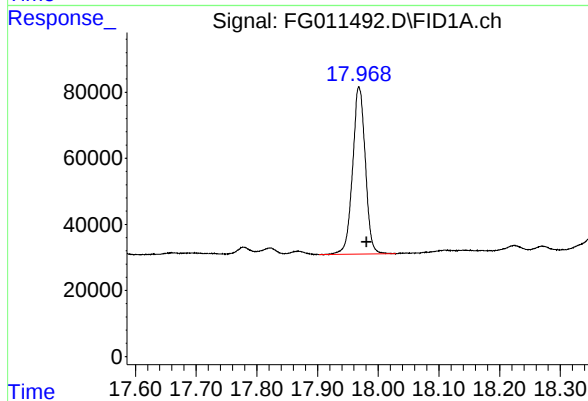
#16 n-Octacosane (C28)

R.T.: 16.244 min
Delta R.T.: -0.012 min
Response: 660911
Conc: 5.24 ug/ml



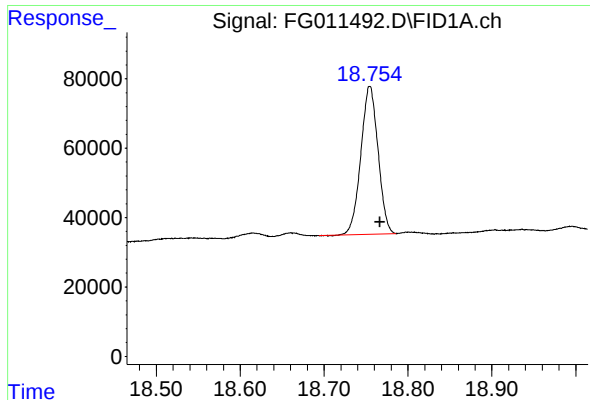
#17 n-Tricontane (C30)

R.T.: 17.134 min
Delta R.T.: -0.012 min
Response: 737216
Conc: 5.92 ug/ml



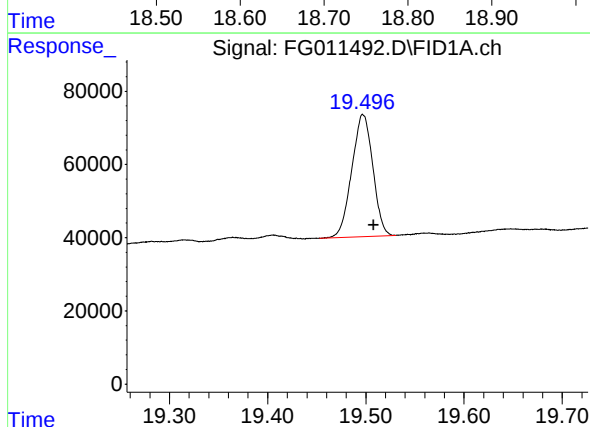
#18 n-Dotriacontane (C32)

R.T.: 17.968 min
Delta R.T.: -0.013 min
Response: 735742
Conc: 6.04 ug/ml



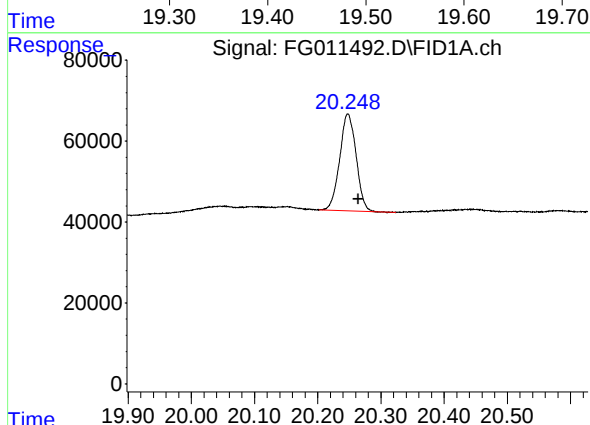
#19 n-Tetratriacontane (C34)

R.T.: 18.755 min
Delta R.T.: -0.012 min
Response: 606047
Conc: 5.05 ug/ml



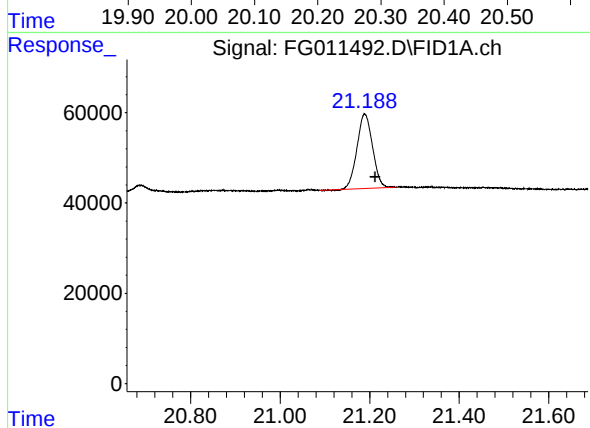
#20 n-Hexatriacontane (C36)

R.T.: 19.497 min
Delta R.T.: -0.011 min
Response: 496633
Conc: 4.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.248 min
Delta R.T.: -0.017 min
Response: 433860
Conc: 4.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.189 min
Delta R.T.: -0.024 min
Response: 398494
Conc: 3.73 ug/ml