

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121421AL\
 Data File : FG009271.D
 Signal(s) : FID1A.ch
 Acq On : 15 Dec 2021 11:26
 Operator : AJ\MA
 Sample : M5022-59MS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 15 14:30:57 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 16:39:19 2021
 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)	10.765	6596967	43.555 ug/mlm
Spiked Amount 50.000		Recovery =	87.11%
12) S 1-chlorooctadecane (S...	12.211	4412022	37.137 ug/mlm
Spiked Amount 50.000		Recovery =	74.27%
Target Compounds			
1) T n-Nonane (C9)	2.611	5435163	42.618 ug/ml
2) T n-Decane (C10)	3.613	6272780	49.469 ug/ml
3) T A~Naphthalene (C11.7)	5.169	7699846	59.608 ug/ml
4) T n-Dodecane (C12)	5.601	7521520	58.556 ug/ml
5) T A~2-methylnaphthalene...	6.221	8655795	69.157 ug/ml
6) T n-Tetradecane (C14)	7.400	8748152	67.945 ug/mlm
7) T n-Hexadecane (C16)	9.006	8991632	68.350 ug/mlm
8) T n-Octadecane (C18)	10.461	9638144	69.777 ug/mlm
10) T n-Eicosane (C20)	11.771	9887461	71.049 ug/mlm
11) T n-Heneicosane (C21)	12.380	9039957	62.612 ug/mlm
13) T n-Docosane (C22)	12.966	9418427	65.364 ug/mlm
14) T n-Tetracosane (C24)	14.053	17732054	120.202 ug/mlm
15) T n-Hexacosane (C26)	15.086	8891767	60.242 ug/mlm
16) T n-Octacosane (C28)	16.031	8664561	58.634 ug/mlm
17) T n-Tricontane (C30)	16.922	8349782	57.890 ug/ml
18) T n-Dotriacontane (C32)	17.752	7624706	56.148 ug/ml
19) T n-Tetratriacontane (C34)	18.535	7231856	56.336 ug/ml
20) T n-Hexatriacontane (C36)	19.274	6577090	54.130 ug/mlm
21) T n-Octatriacontane (C38)	19.988	6244196	53.363 ug/mlm
22) T n-Tetracontane (C40)	20.851	6251793	55.827 ug/ml

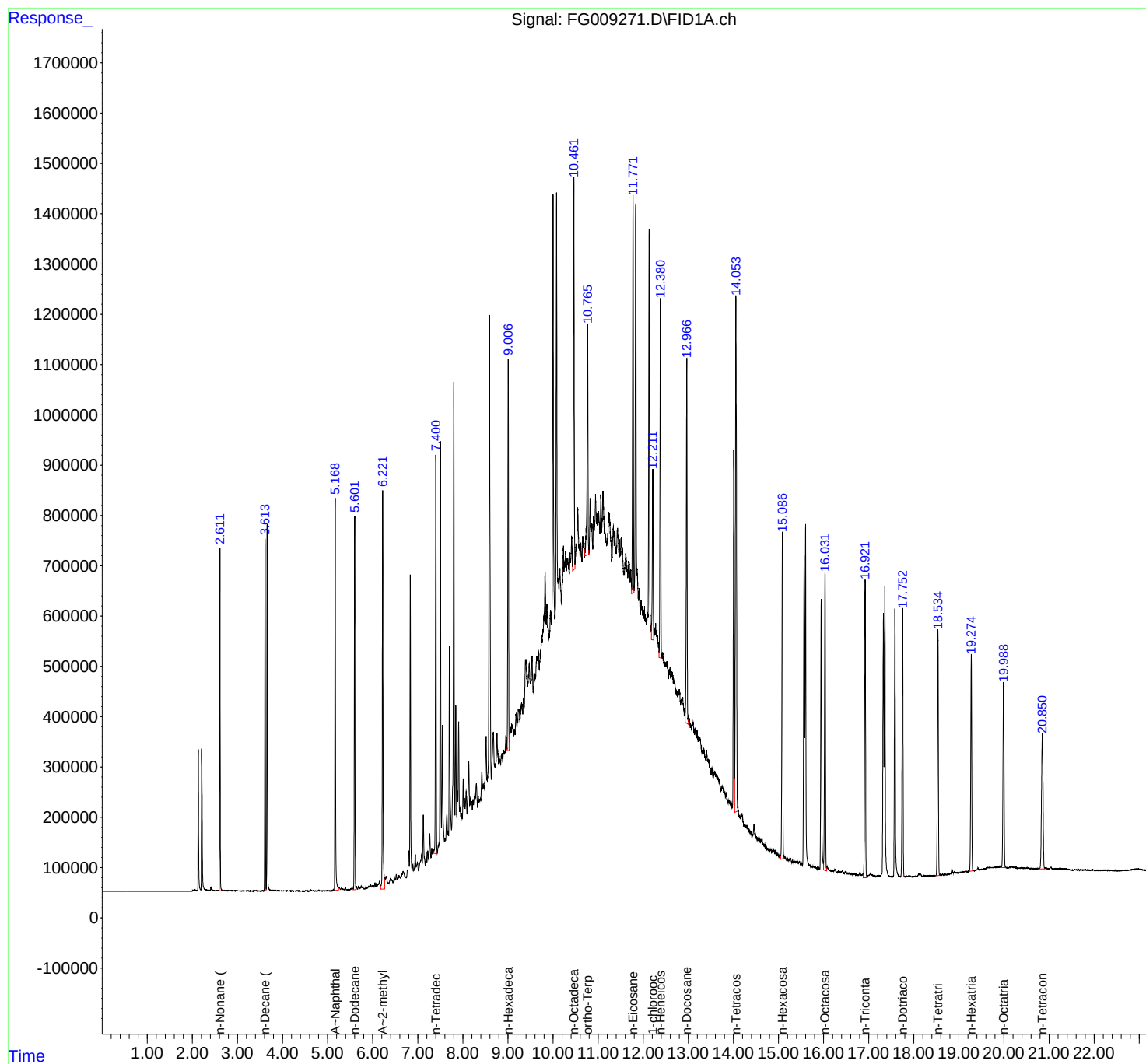
(f)=RT Delta > 1/2 Window

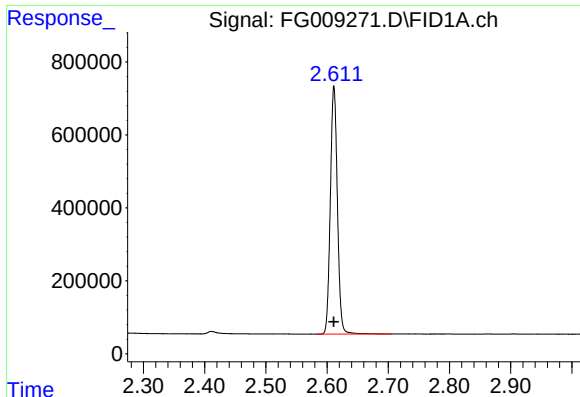
(m)=manual int.

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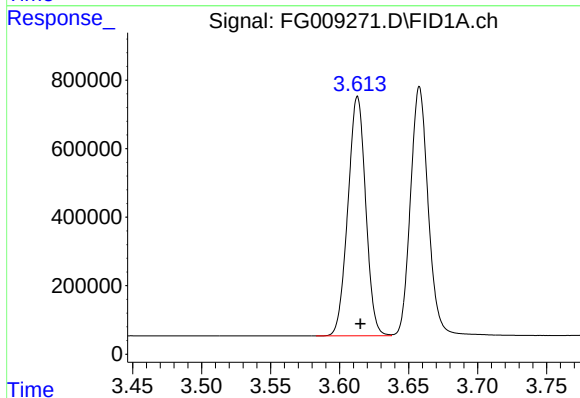
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Signal Info : 20M x 0.18mm x 0.18um





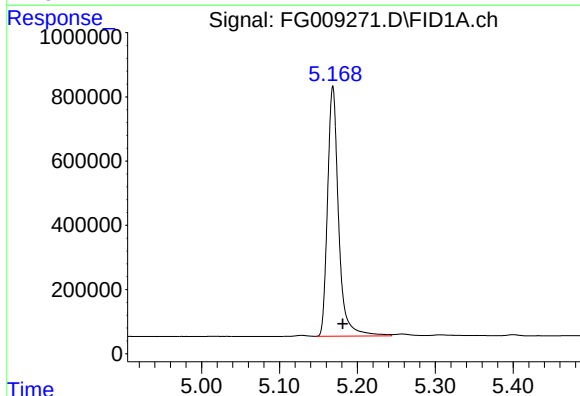
#1 n-Nonane (C9)

R.T.: 2.611 min
Delta R.T.: 0.000 min
Response: 5435163
Conc: 42.62 ug/ml



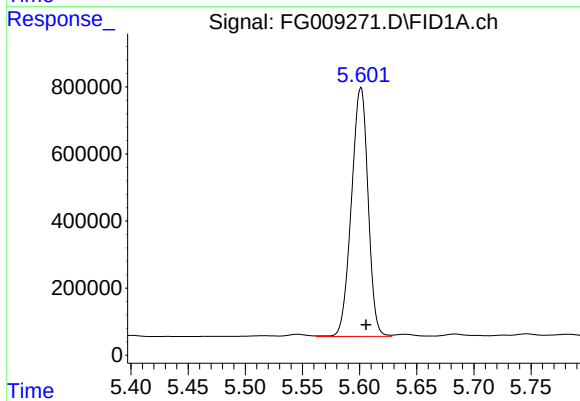
#2 n-Decane (C10)

R.T.: 3.613 min
Delta R.T.: -0.002 min
Response: 6272780
Conc: 49.47 ug/ml



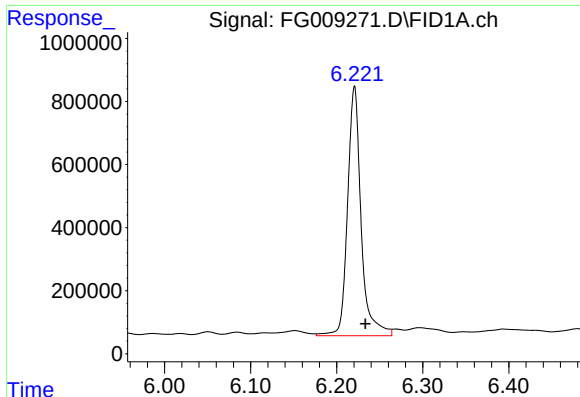
#3 A~Naphthalene (C11.7)

R.T.: 5.169 min
Delta R.T.: -0.013 min
Response: 7699846
Conc: 59.61 ug/ml



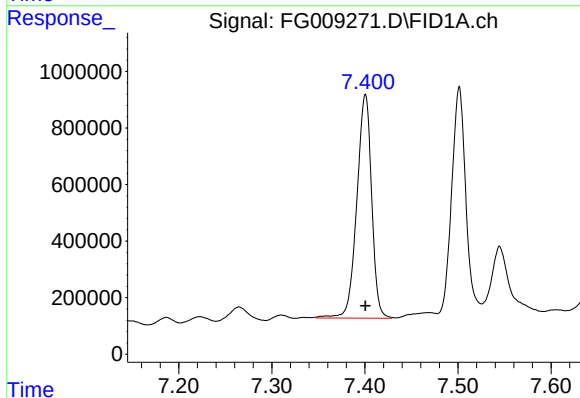
#4 n-Dodecane (C12)

R.T.: 5.601 min
Delta R.T.: -0.004 min
Response: 7521520
Conc: 58.56 ug/ml



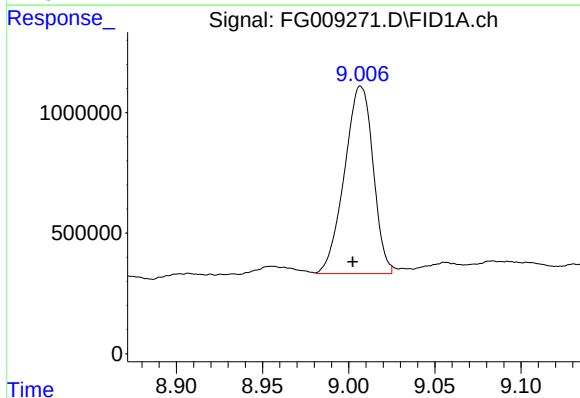
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.221 min
Delta R.T.: -0.013 min
Response: 8655795
Conc: 69.16 ug/ml



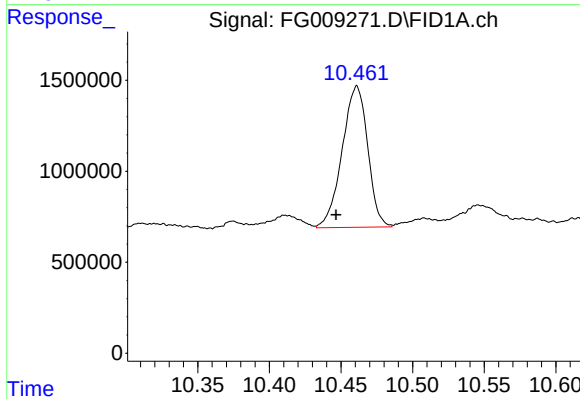
#6 n-Tetradecane (C14)

R.T.: 7.400 min
Delta R.T.: 0.000 min
Response: 8748152
Conc: 67.94 ug/ml m



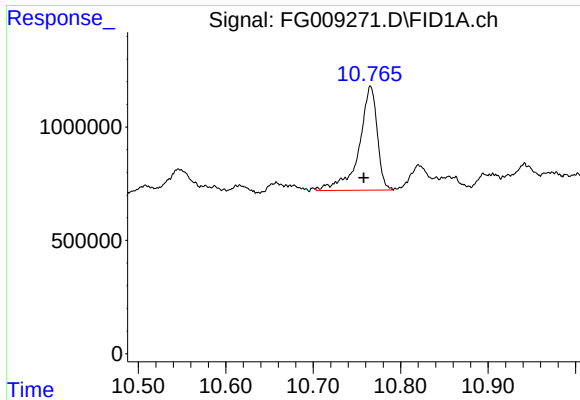
#7 n-Hexadecane (C16)

R.T.: 9.006 min
Delta R.T.: 0.004 min
Response: 8991632
Conc: 68.35 ug/ml m



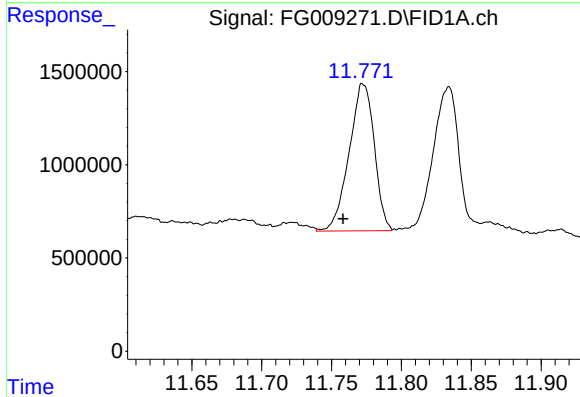
#8 n-Octadecane (C18)

R.T.: 10.461 min
Delta R.T.: 0.014 min
Response: 9638144
Conc: 69.78 ug/ml m



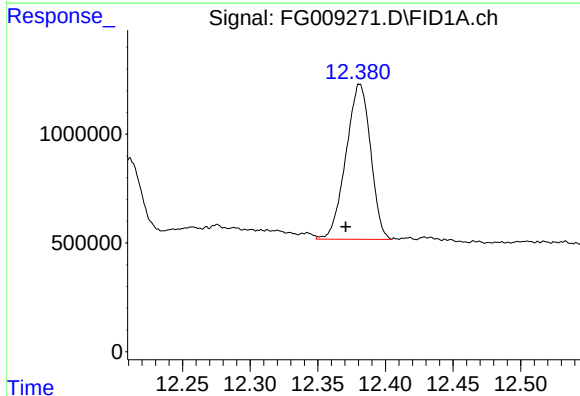
#9 ortho-Terphenyl (SURR)

R.T.: 10.765 min
Delta R.T.: 0.007 min
Response: 6596967
Conc: 43.56 ug/ml m



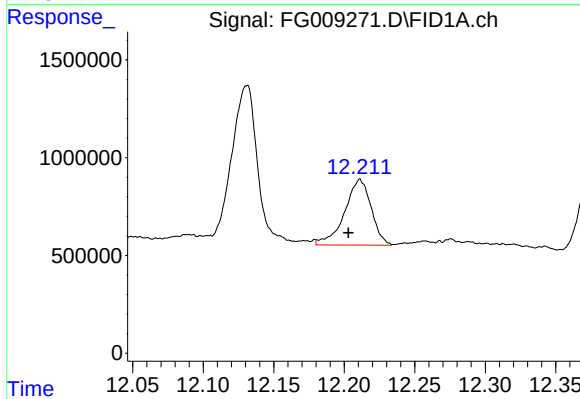
#10 n-Eicosane (C20)

R.T.: 11.771 min
Delta R.T.: 0.013 min
Response: 9887461
Conc: 71.05 ug/ml m



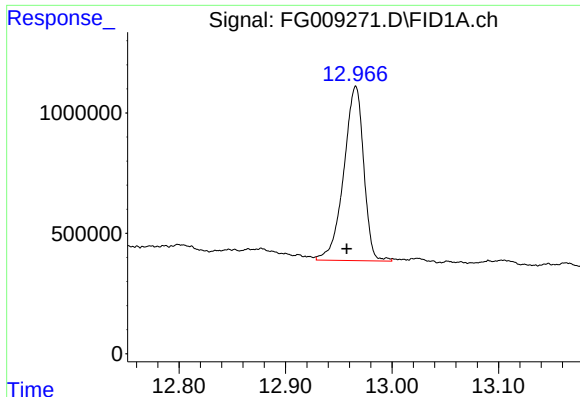
#11 n-Heneicosane (C21)

R.T.: 12.380 min
Delta R.T.: 0.009 min
Response: 9039957
Conc: 62.61 ug/ml m



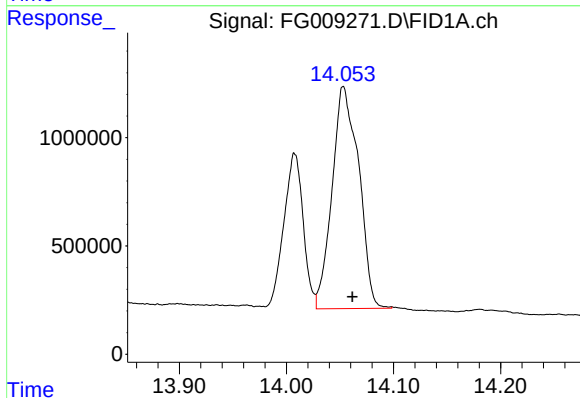
#12 1-chlorooctadecane (SURR)

R.T.: 12.211 min
Delta R.T.: 0.008 min
Response: 4412022
Conc: 37.14 ug/ml m



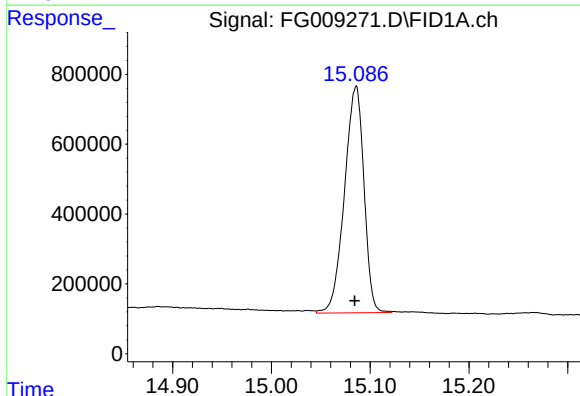
#13 n-Docosane (C22)

R.T.: 12.966 min
Delta R.T.: 0.008 min
Response: 9418427
Conc: 65.36 ug/ml m



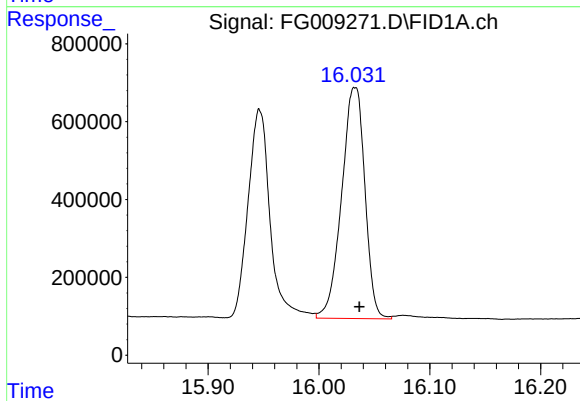
#14 n-Tetracosane (C24)

R.T.: 14.053 min
Delta R.T.: -0.009 min
Response: 17732054
Conc: 120.20 ug/ml m



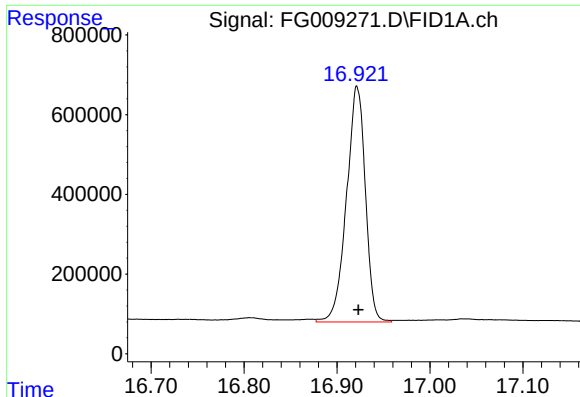
#15 n-Hexacosane (C26)

R.T.: 15.086 min
Delta R.T.: 0.001 min
Response: 8891767
Conc: 60.24 ug/ml m



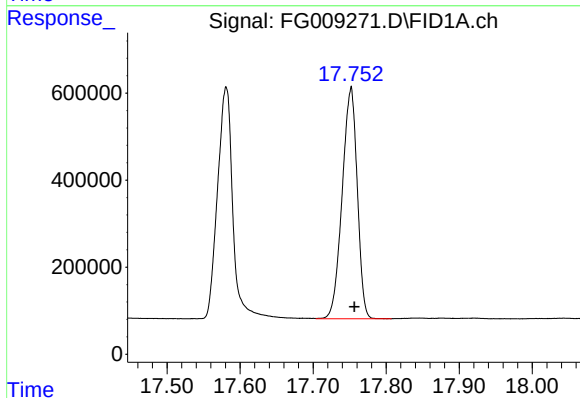
#16 n-Octacosane (C28)

R.T.: 16.031 min
Delta R.T.: -0.005 min
Response: 8664561
Conc: 58.63 ug/ml m



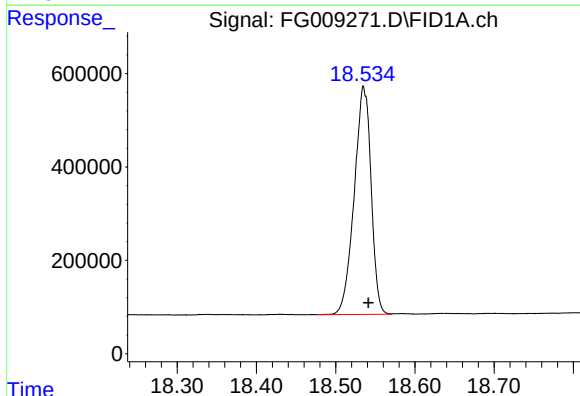
#17 n-Tricontane (C30)

R.T.: 16.922 min
Delta R.T.: -0.002 min
Response: 8349782
Conc: 57.89 ug/ml



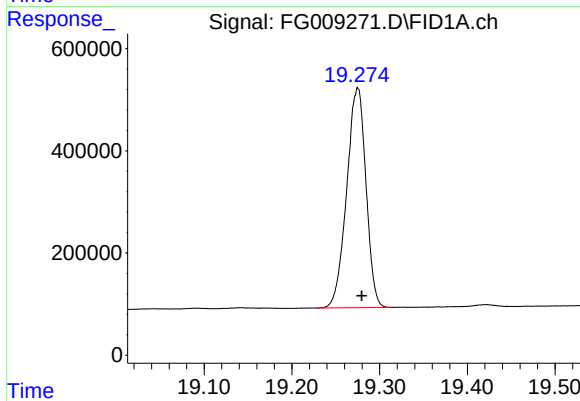
#18 n-Dotriacontane (C32)

R.T.: 17.752 min
Delta R.T.: -0.005 min
Response: 7624706
Conc: 56.15 ug/ml



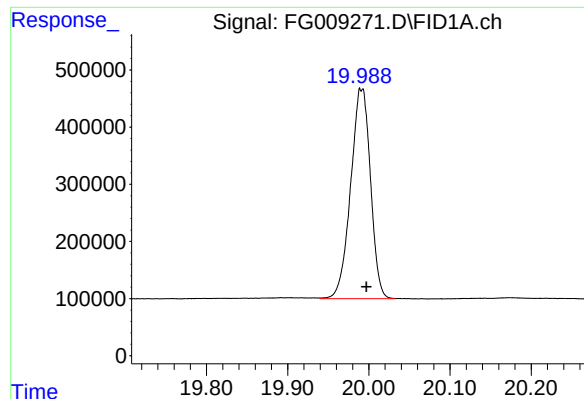
#19 n-Tetratriacontane (C34)

R.T.: 18.535 min
Delta R.T.: -0.006 min
Response: 7231856
Conc: 56.34 ug/ml



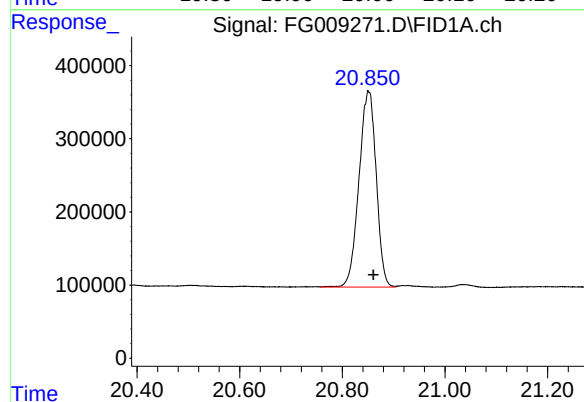
#20 n-Hexatriacontane (C36)

R.T.: 19.274 min
Delta R.T.: -0.005 min
Response: 6577090
Conc: 54.13 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.988 min
Delta R.T.: -0.009 min
Response: 6244196
Conc: 53.36 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.851 min
Delta R.T.: -0.009 min
Response: 6251793
Conc: 55.83 ug/ml