

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121421AL\
 Data File : FG009261.D
 Signal(s) : FID1A.ch
 Acq On : 15 Dec 2021 06:36
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 15 09:05:33 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)	10.750	3033686	20.029 ug/ml
Spiked Amount 50.000		Recovery =	40.06%
12) S 1-chlorooctadecane (S...	12.194	2442346	20.558 ug/ml
Spiked Amount 50.000		Recovery =	41.12%
Target Compounds			
1) T n-Nonane (C9)	2.606	2609115	20.459 ug/ml
2) T n-Decane (C10)	3.609	2630470	20.745 ug/ml
3) T A~Naphthalene (C11.7)	5.169	2816754	21.806 ug/ml
4) T n-Dodecane (C12)	5.599	2631989	20.490 ug/ml
5) T A~2-methylnaphthalene...	6.220	2841612	22.703 ug/ml
6) T n-Tetradecane (C14)	7.393	2655080	20.621 ug/ml
7) T n-Hexadecane (C16)	8.996	2696620	20.498 ug/ml
8) T n-Octadecane (C18)	10.439	2807188	20.323 ug/ml
10) T n-Eicosane (C20)	11.750	2840563	20.412 ug/ml
11) T n-Heneicosane (C21)	12.362	2898021	20.072 ug/ml
13) T n-Docosane (C22)	12.950	2896777	20.104 ug/ml
14) T n-Tetracosane (C24)	14.054	2957513	20.048 ug/ml
15) T n-Hexacosane (C26)	15.076	2953699	20.011 ug/ml
16) T n-Octacosane (C28)	16.026	2994506	20.264 ug/ml
17) T n-Tricontane (C30)	16.914	2997680	20.783 ug/ml
18) T n-Dotriacontane (C32)	17.747	2914615	21.463 ug/ml
19) T n-Tetratriacontane (C34)	18.530	2824034	21.999 ug/mlm
20) T n-Hexatriacontane (C36)	19.270	2617613	21.543 ug/mlm
21) T n-Octatriacontane (C38)	19.984	2438188	20.837 ug/mlm
22) T n-Tetracontane (C40)	20.846	2393681	21.375 ug/mlm

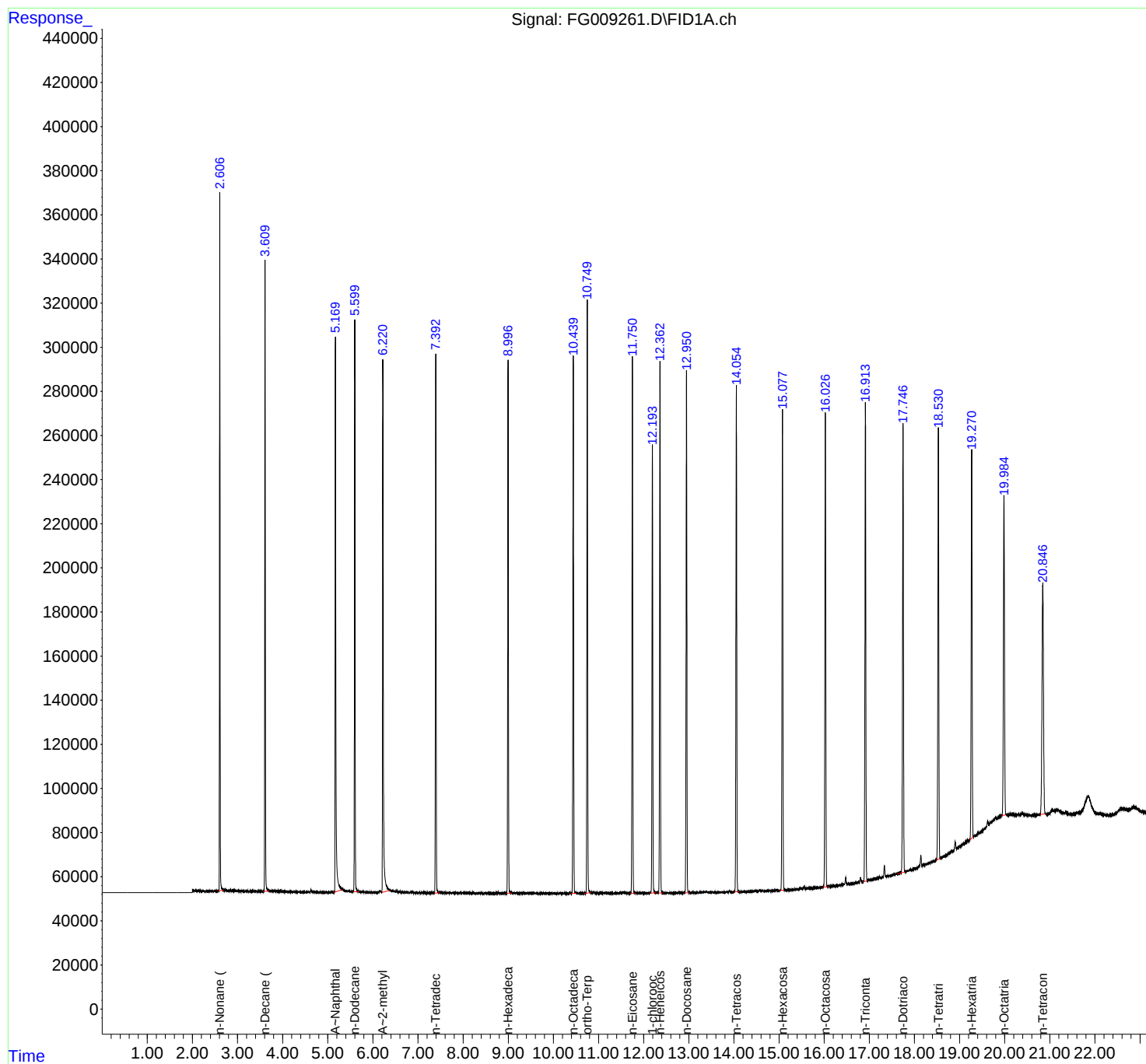
(f)=RT Delta > 1/2 Window

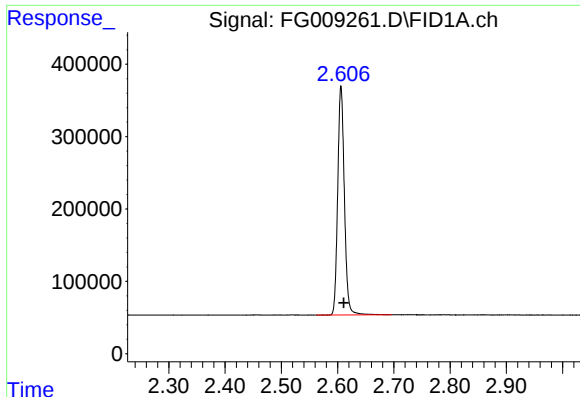
(m)=manual int.

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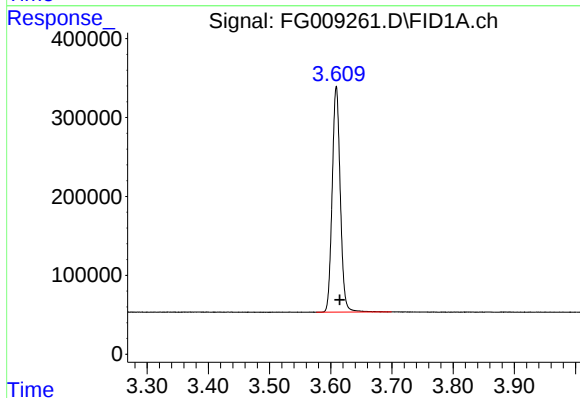
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





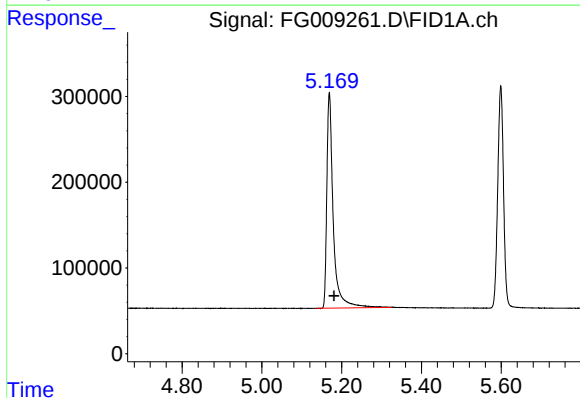
#1 n-Nonane (C9)

R.T.: 2.606 min
Delta R.T.: -0.005 min
Response: 2609115
Conc: 20.46 ug/ml



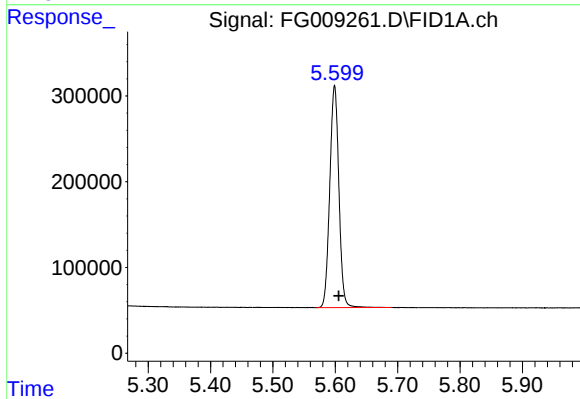
#2 n-Decane (C10)

R.T.: 3.609 min
Delta R.T.: -0.006 min
Response: 2630470
Conc: 20.74 ug/ml



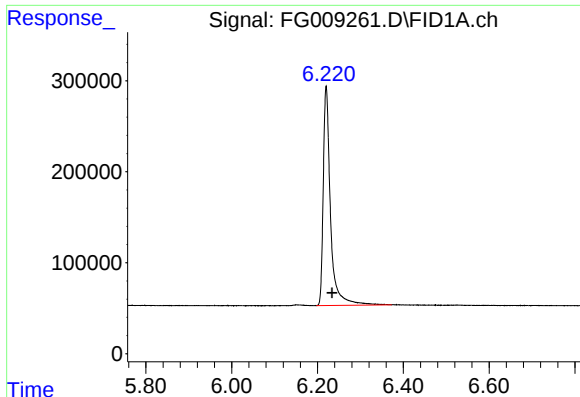
#3 A~Naphthalene (C11.7)

R.T.: 5.169 min
Delta R.T.: -0.012 min
Response: 2816754
Conc: 21.81 ug/ml



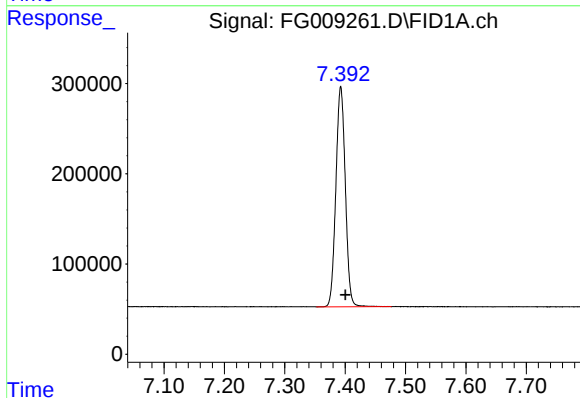
#4 n-Dodecane (C12)

R.T.: 5.599 min
Delta R.T.: -0.007 min
Response: 2631989
Conc: 20.49 ug/ml



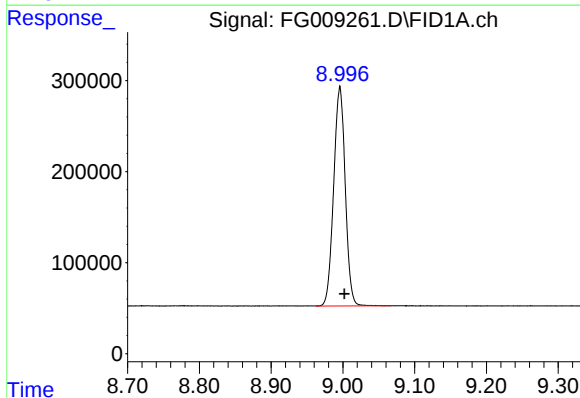
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.220 min
Delta R.T.: -0.013 min
Response: 2841612
Conc: 22.70 ug/ml



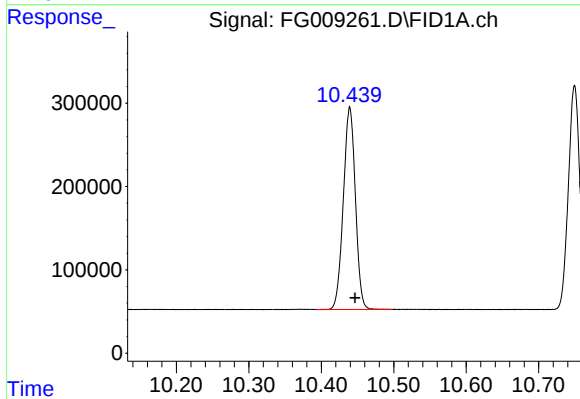
#6 n-Tetradecane (C14)

R.T.: 7.393 min
Delta R.T.: -0.008 min
Response: 2655080
Conc: 20.62 ug/ml



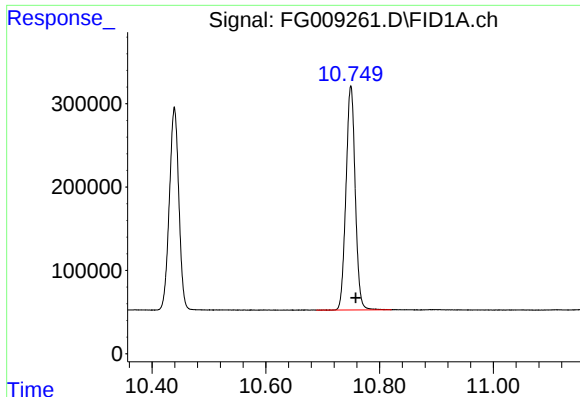
#7 n-Hexadecane (C16)

R.T.: 8.996 min
Delta R.T.: -0.006 min
Response: 2696620
Conc: 20.50 ug/ml



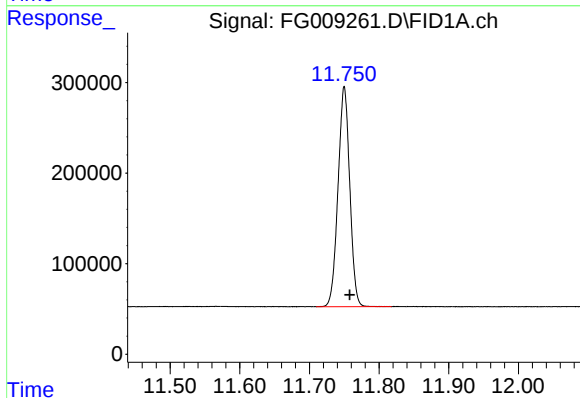
#8 n-Octadecane (C18)

R.T.: 10.439 min
Delta R.T.: -0.007 min
Response: 2807188
Conc: 20.32 ug/ml



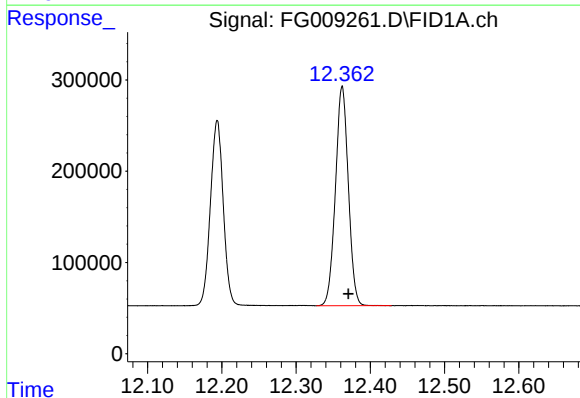
#9 ortho-Terphenyl (SURR)

R.T.: 10.750 min
Delta R.T.: -0.008 min
Response: 3033686
Conc: 20.03 ug/ml



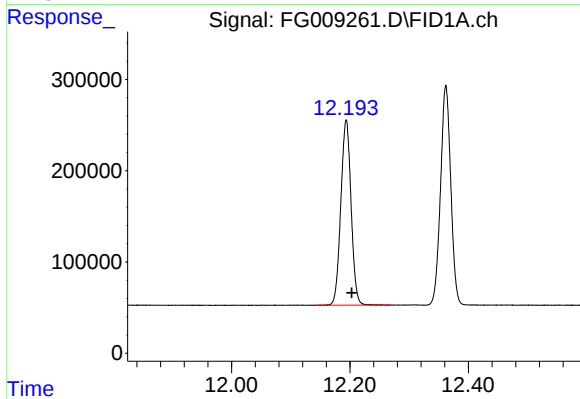
#10 n-Eicosane (C20)

R.T.: 11.750 min
Delta R.T.: -0.008 min
Response: 2840563
Conc: 20.41 ug/ml



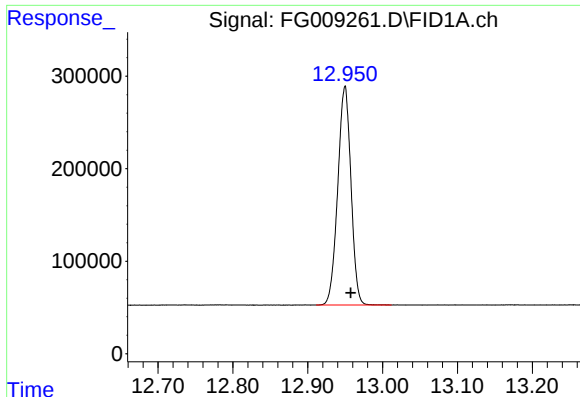
#11 n-Heneicosane (C21)

R.T.: 12.362 min
Delta R.T.: -0.008 min
Response: 2898021
Conc: 20.07 ug/ml



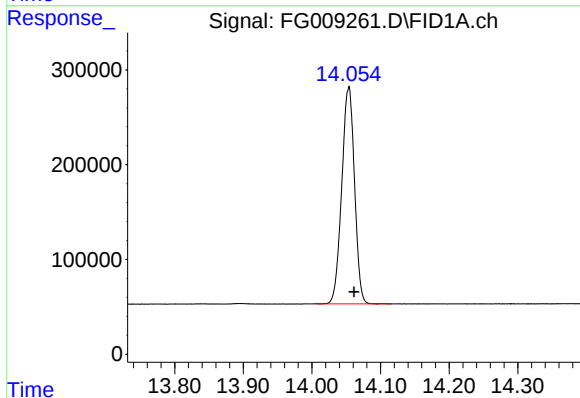
#12 1-chlorooctadecane (SURR)

R.T.: 12.194 min
Delta R.T.: -0.009 min
Response: 2442346
Conc: 20.56 ug/ml



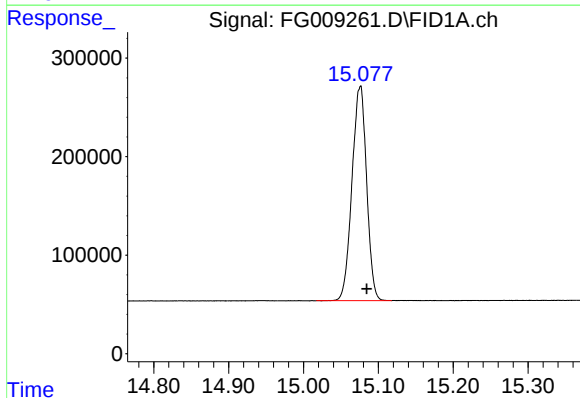
#13 n-Docosane (C22)

R.T.: 12.950 min
Delta R.T.: -0.008 min
Response: 2896777
Conc: 20.10 ug/ml



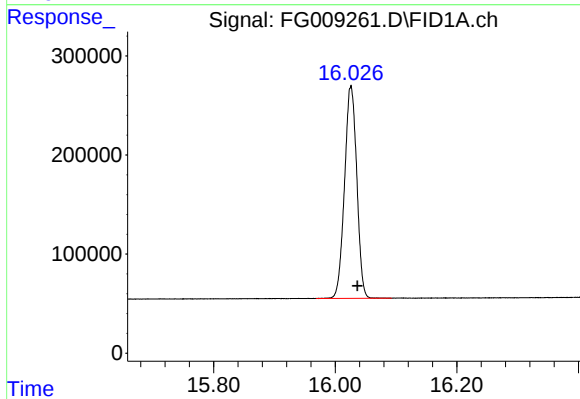
#14 n-Tetracosane (C24)

R.T.: 14.054 min
Delta R.T.: -0.008 min
Response: 2957513
Conc: 20.05 ug/ml



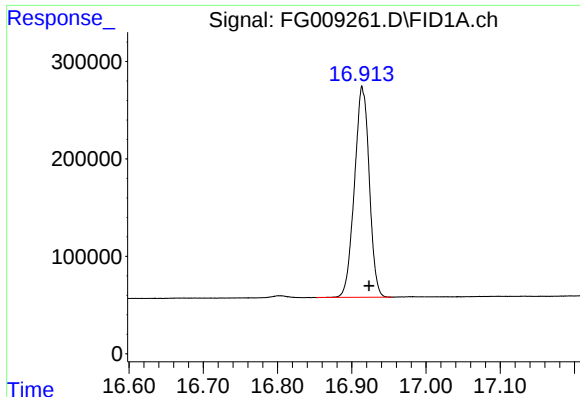
#15 n-Hexacosane (C26)

R.T.: 15.076 min
Delta R.T.: -0.009 min
Response: 2953699
Conc: 20.01 ug/ml



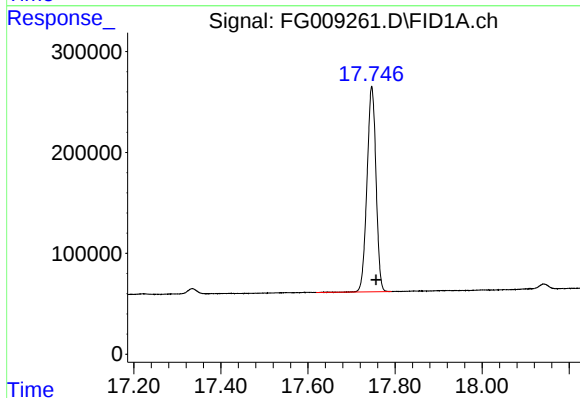
#16 n-Octacosane (C28)

R.T.: 16.026 min
Delta R.T.: -0.011 min
Response: 2994506
Conc: 20.26 ug/ml



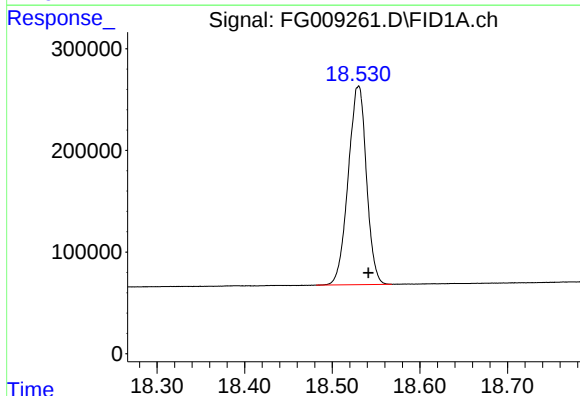
#17 n-Tricontane (C30)

R.T.: 16.914 min
Delta R.T.: -0.009 min
Response: 2997680
Conc: 20.78 ug/ml



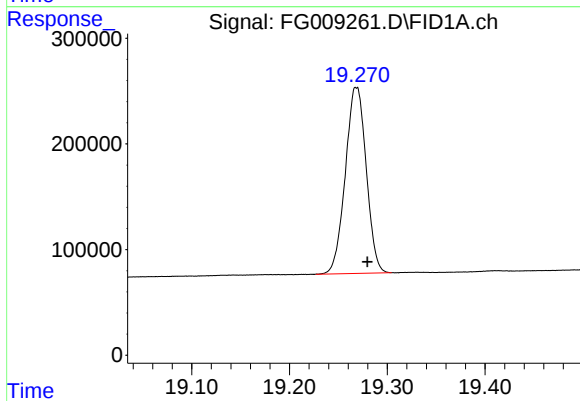
#18 n-Dotriacontane (C32)

R.T.: 17.747 min
Delta R.T.: -0.010 min
Response: 2914615
Conc: 21.46 ug/ml



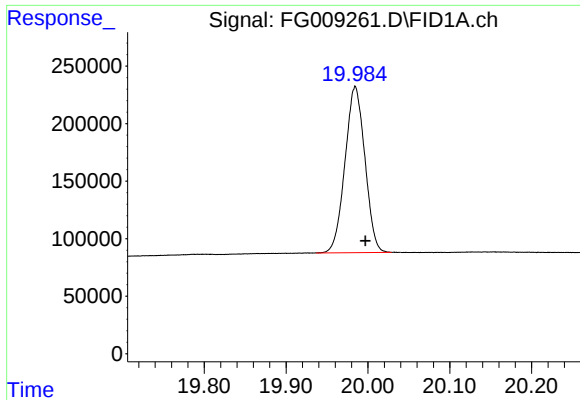
#19 n-Tetratriacontane (C34)

R.T.: 18.530 min
Delta R.T.: -0.011 min
Response: 2824034
Conc: 22.00 ug/ml m



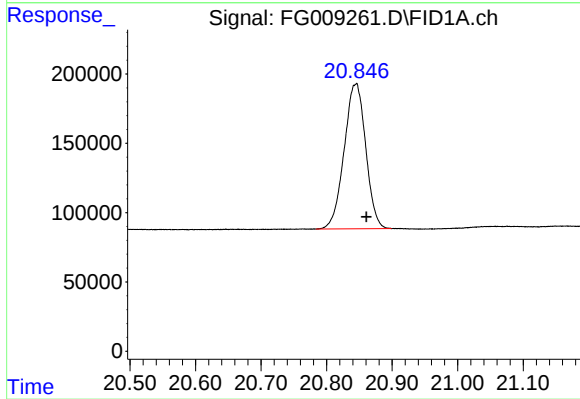
#20 n-Hexatriacontane (C36)

R.T.: 19.270 min
Delta R.T.: -0.010 min
Response: 2617613
Conc: 21.54 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.984 min
Delta R.T.: -0.013 min
Response: 2438188
Conc: 20.84 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.846 min
Delta R.T.: -0.015 min
Response: 2393681
Conc: 21.38 ug/ml m