

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121421AL\
 Data File : FG009240.D
 Signal(s) : FID1A.ch
 Acq On : 14 Dec 2021 17:41
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 15 03:51:18 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)	10.756	2949944	19.477 ug/ml
Spiked Amount 50.000		Recovery =	38.95%
12) S 1-chlorooctadecane (S...	12.201	2313740	19.475 ug/ml
Spiked Amount 50.000		Recovery =	38.95%
Target Compounds			
1) T n-Nonane (C9)	2.611	2490531	19.529 ug/ml
2) T n-Decane (C10)	3.614	2501325	19.726 ug/ml
3) T A~Naphthalene (C11.7)	5.179	2662164	20.609 ug/ml
4) T n-Dodecane (C12)	5.604	2560194	19.931 ug/ml
5) T A~2-methylnaphthalene...	6.232	2588350	20.680 ug/ml
6) T n-Tetradecane (C14)	7.399	2531806	19.664 ug/ml
7) T n-Hexadecane (C16)	9.001	2555991	19.429 ug/ml
8) T n-Octadecane (C18)	10.444	2677057	19.381 ug/ml
10) T n-Eicosane (C20)	11.755	2686154	19.302 ug/ml
11) T n-Heneicosane (C21)	12.369	2796279	19.367 ug/ml
13) T n-Docosane (C22)	12.955	2796483	19.408 ug/ml
14) T n-Tetracosane (C24)	14.060	2867496	19.438 ug/ml
15) T n-Hexacosane (C26)	15.081	2885719	19.551 ug/ml
16) T n-Octacosane (C28)	16.031	2921115	19.767 ug/ml
17) T n-Tricontane (C30)	16.919	2873166	19.920 ug/ml
18) T n-Dotriacontane (C32)	17.752	2723426	20.055 ug/ml
19) T n-Tetratriacontane (C34)	18.537	2575695	20.064 ug/ml
20) T n-Hexatriacontane (C36)	19.276	2393163	19.696 ug/ml
21) T n-Octatriacontane (C38)	19.991	2285925	19.536 ug/ml
22) T n-Tetracontane (C40)	20.853	2228605	19.901 ug/ml

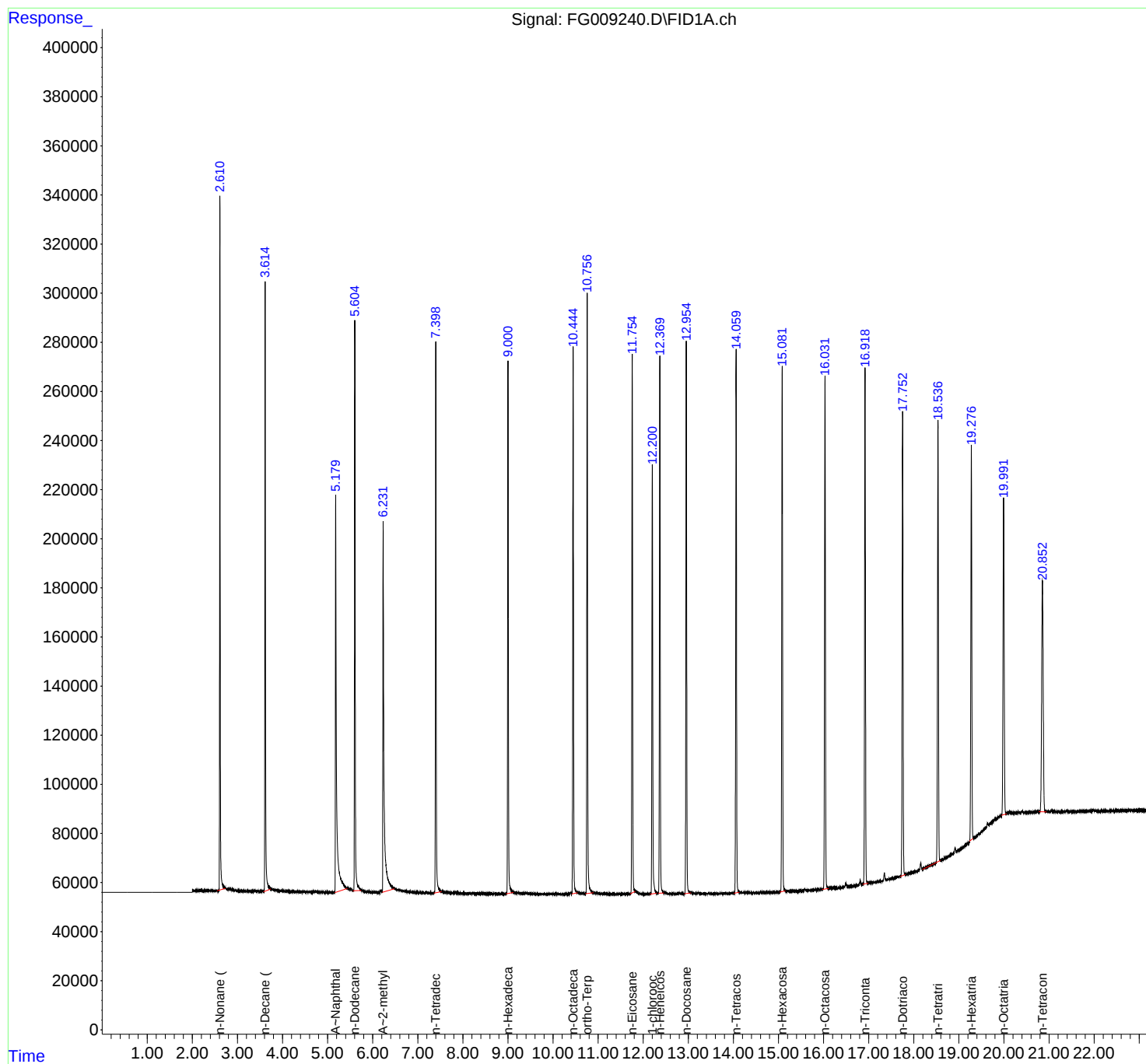
(f)=RT Delta > 1/2 Window

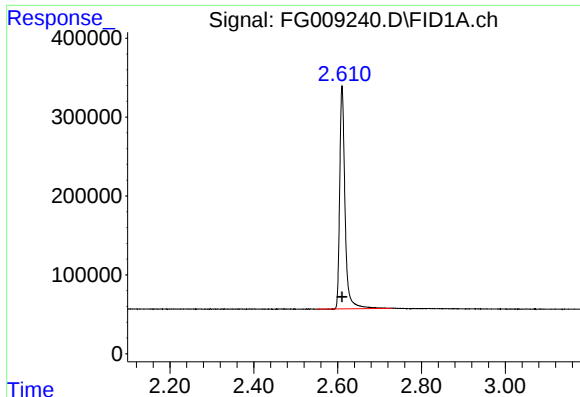
(m)=manual int.

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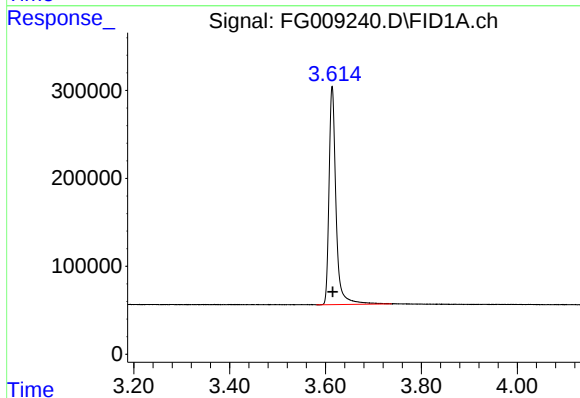
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





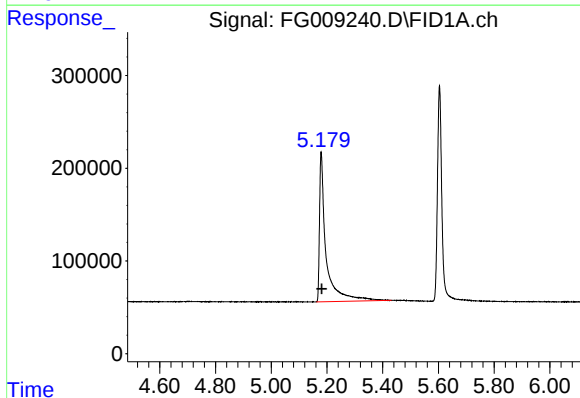
#1 n-Nonane (C9)

R.T.: 2.611 min
Delta R.T.: 0.000 min
Response: 2490531
Conc: 19.53 ug/ml



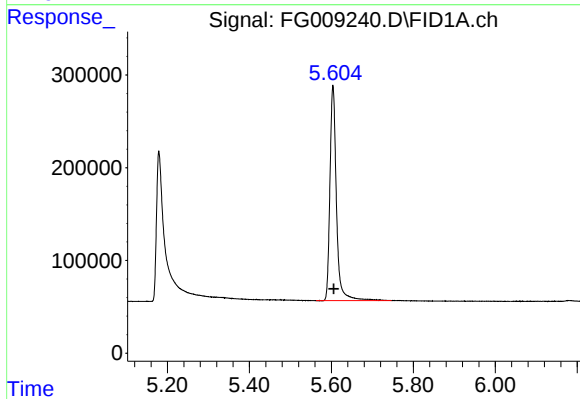
#2 n-Decane (C10)

R.T.: 3.614 min
Delta R.T.: 0.000 min
Response: 2501325
Conc: 19.73 ug/ml



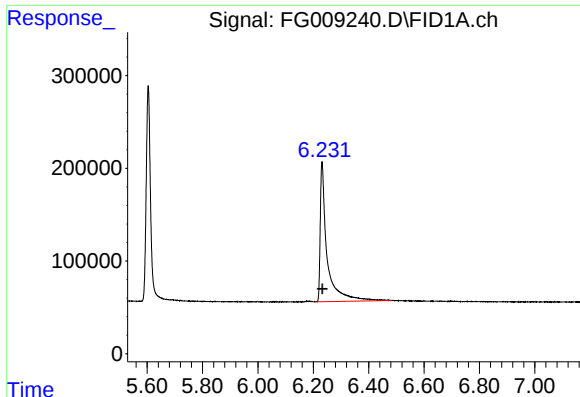
#3 A~Naphthalene (C11.7)

R.T.: 5.179 min
Delta R.T.: -0.002 min
Response: 2662164
Conc: 20.61 ug/ml



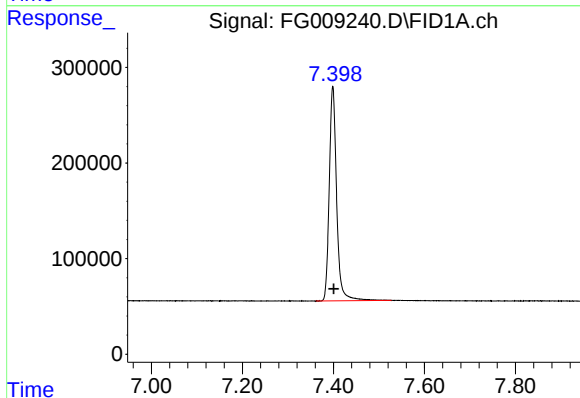
#4 n-Dodecane (C12)

R.T.: 5.604 min
Delta R.T.: -0.002 min
Response: 2560194
Conc: 19.93 ug/ml



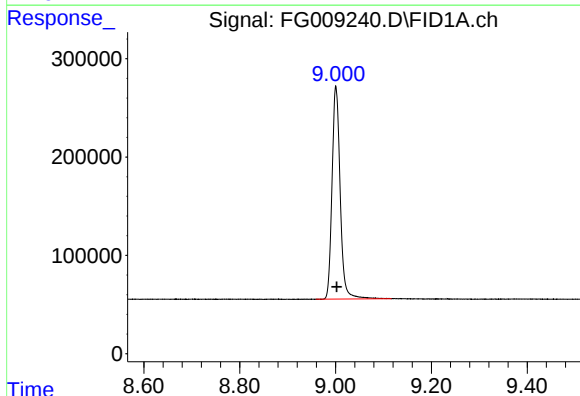
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.232 min
Delta R.T.: -0.002 min
Response: 2588350
Conc: 20.68 ug/ml



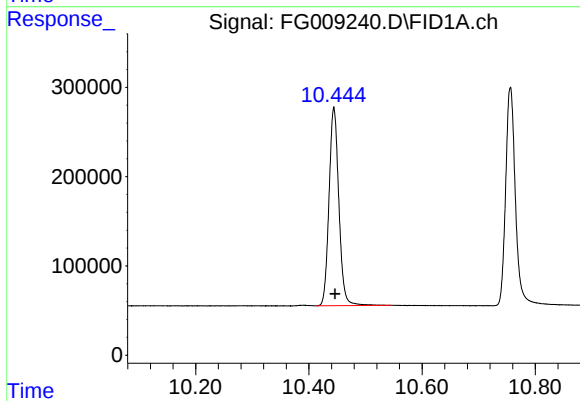
#6 n-Tetradecane (C14)

R.T.: 7.399 min
Delta R.T.: -0.002 min
Response: 2531806
Conc: 19.66 ug/ml



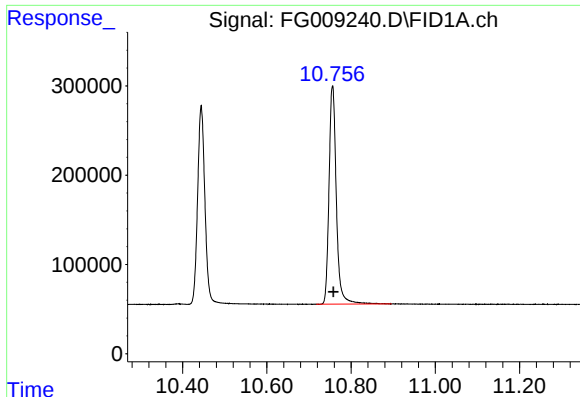
#7 n-Hexadecane (C16)

R.T.: 9.001 min
Delta R.T.: -0.002 min
Response: 2555991
Conc: 19.43 ug/ml



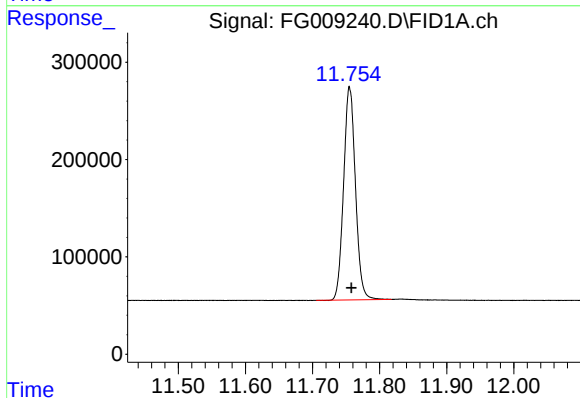
#8 n-Octadecane (C18)

R.T.: 10.444 min
Delta R.T.: -0.002 min
Response: 2677057
Conc: 19.38 ug/ml



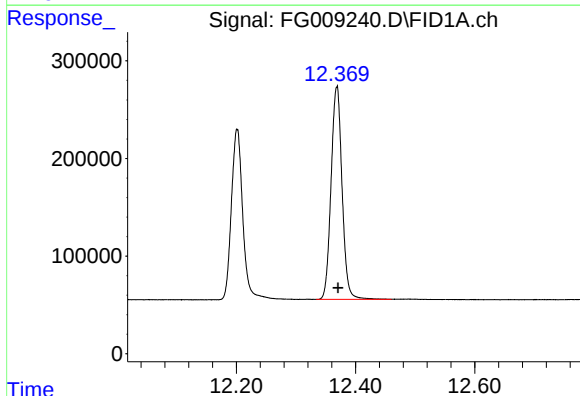
#9 ortho-Terphenyl (SURR)

R.T.: 10.756 min
Delta R.T.: -0.002 min
Response: 2949944
Conc: 19.48 ug/ml



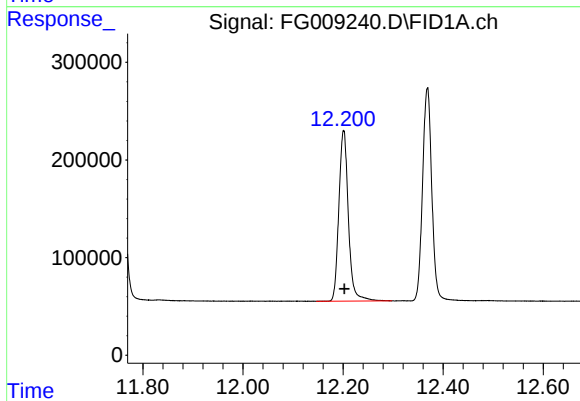
#10 n-Eicosane (C20)

R.T.: 11.755 min
Delta R.T.: -0.003 min
Response: 2686154
Conc: 19.30 ug/ml



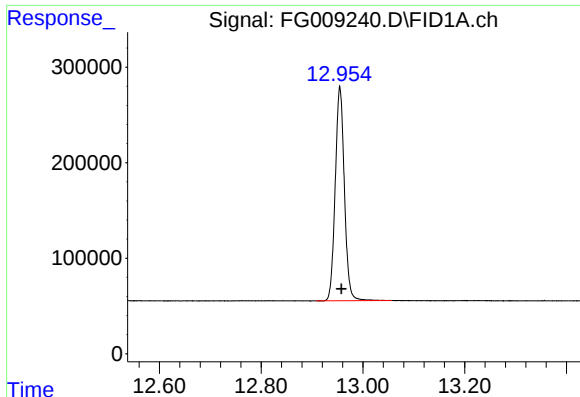
#11 n-Heneicosane (C21)

R.T.: 12.369 min
Delta R.T.: -0.001 min
Response: 2796279
Conc: 19.37 ug/ml



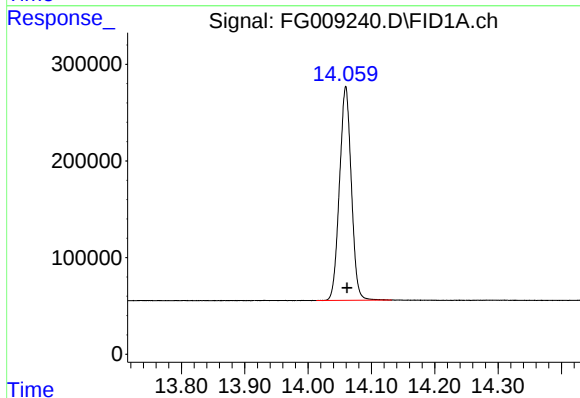
#12 1-chlorooctadecane (SURR)

R.T.: 12.201 min
Delta R.T.: -0.002 min
Response: 2313740
Conc: 19.48 ug/ml



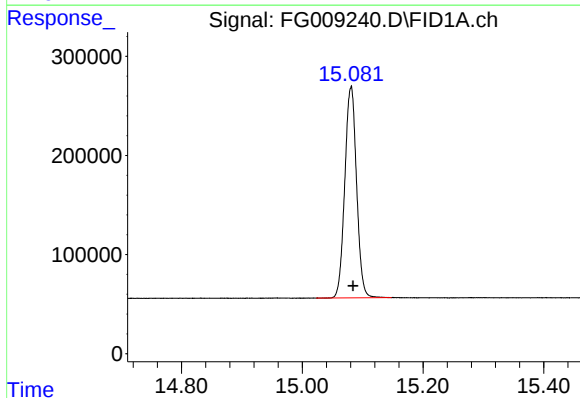
#13 n-Docosane (C22)

R.T.: 12.955 min
Delta R.T.: -0.003 min
Response: 2796483
Conc: 19.41 ug/ml



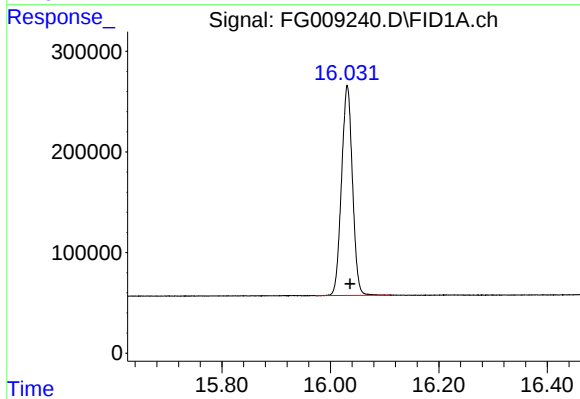
#14 n-Tetracosane (C24)

R.T.: 14.060 min
Delta R.T.: -0.002 min
Response: 2867496
Conc: 19.44 ug/ml



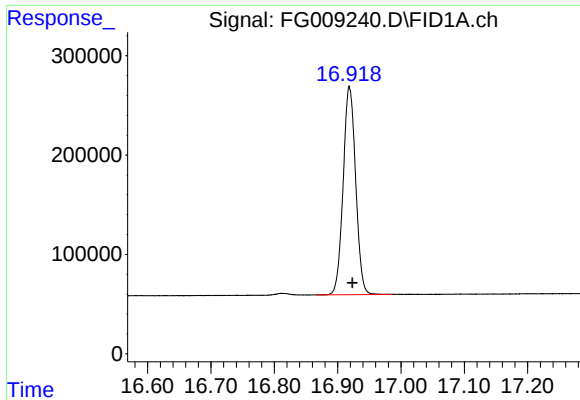
#15 n-Hexacosane (C26)

R.T.: 15.081 min
Delta R.T.: -0.003 min
Response: 2885719
Conc: 19.55 ug/ml



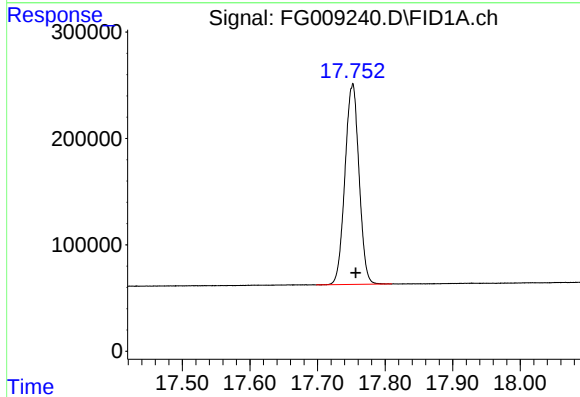
#16 n-Octacosane (C28)

R.T.: 16.031 min
Delta R.T.: -0.005 min
Response: 2921115
Conc: 19.77 ug/ml



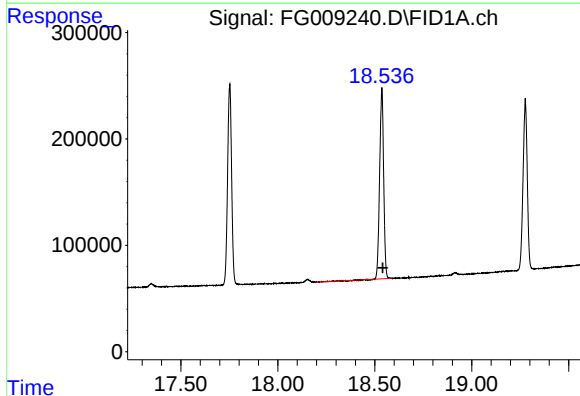
#17 n-Tricontane (C30)

R.T.: 16.919 min
Delta R.T.: -0.005 min
Response: 2873166
Conc: 19.92 ug/ml



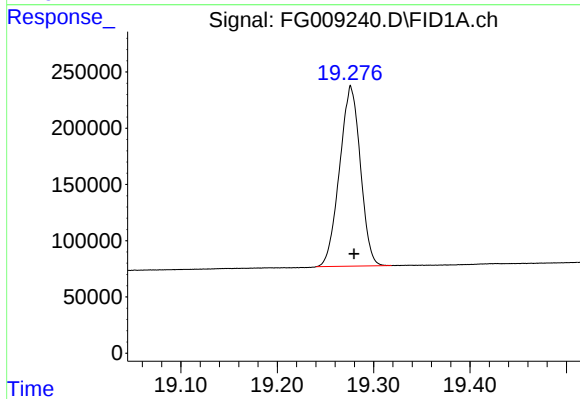
#18 n-Dotriacontane (C32)

R.T.: 17.752 min
Delta R.T.: -0.004 min
Response: 2723426
Conc: 20.06 ug/ml



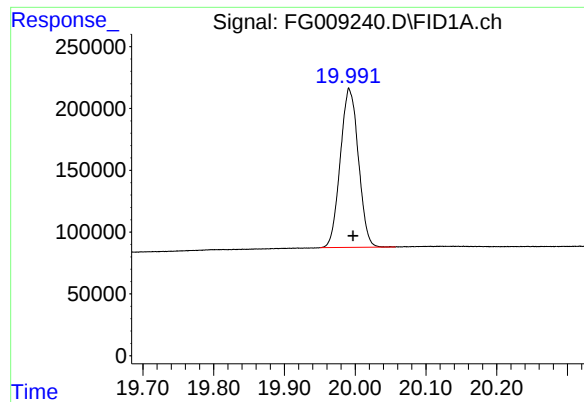
#19 n-Tetratriacontane (C34)

R.T.: 18.537 min
Delta R.T.: -0.005 min
Response: 2575695
Conc: 20.06 ug/ml



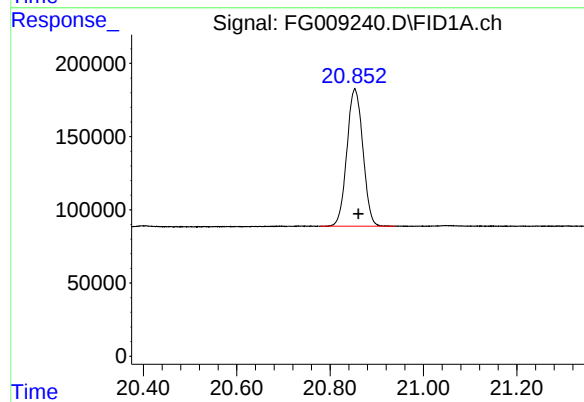
#20 n-Hexatriacontane (C36)

R.T.: 19.276 min
Delta R.T.: -0.003 min
Response: 2393163
Conc: 19.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.991 min
Delta R.T.: -0.006 min
Response: 2285925
Conc: 19.54 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.853 min
Delta R.T.: -0.008 min
Response: 2228605
Conc: 19.90 ug/ml