

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121421AL\
 Data File : FG009238.D
 Signal(s) : FID1A.ch
 Acq On : 14 Dec 2021 16:42
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 14 17:07:22 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	2907959	19.199 ug/ml
Spiked Amount 50.000		Recovery =	38.40%
12) S 1-chlorooctadecane (S...	12.201	2302051	19.377 ug/ml
Spiked Amount 50.000		Recovery =	38.75%
Target Compounds			
1) T n-Nonane (C9)	2.611	2506590	19.655 ug/ml
2) T n-Decane (C10)	3.614	2499060	19.708 ug/ml
3) T A~Naphthalene (C11.7)	5.180	2517815	19.491 ug/ml
4) T n-Dodecane (C12)	5.604	2550104	19.853 ug/ml
5) T A~2-methylnaphthalene...	6.232	2567469	20.513 ug/ml
6) T n-Tetradecane (C14)	7.399	2531548	19.662 ug/ml
7) T n-Hexadecane (C16)	9.001	2550912	19.391 ug/ml
8) T n-Octadecane (C18)	10.444	2666058	19.301 ug/ml
10) T n-Eicosane (C20)	11.755	2680629	19.262 ug/ml
11) T n-Heneicosane (C21)	12.368	2778926	19.247 ug/ml
13) T n-Docosane (C22)	12.954	2781870	19.306 ug/ml
14) T n-Tetracosane (C24)	14.059	2854455	19.350 ug/ml
15) T n-Hexacosane (C26)	15.081	2858560	19.367 ug/ml
16) T n-Octacosane (C28)	16.032	2872217	19.437 ug/ml
17) T n-Tricontane (C30)	16.920	2807908	19.468 ug/ml
18) T n-Dotriacontane (C32)	17.752	2661729	19.601 ug/ml
19) T n-Tetratriacontane (C34)	18.537	2533582	19.736 ug/mlm
20) T n-Hexatriacontane (C36)	19.277	2372571	19.526 ug/ml
21) T n-Octatriacontane (C38)	19.993	2274715	19.440 ug/ml
22) T n-Tetracontane (C40)	20.854	2236849	19.975 ug/ml

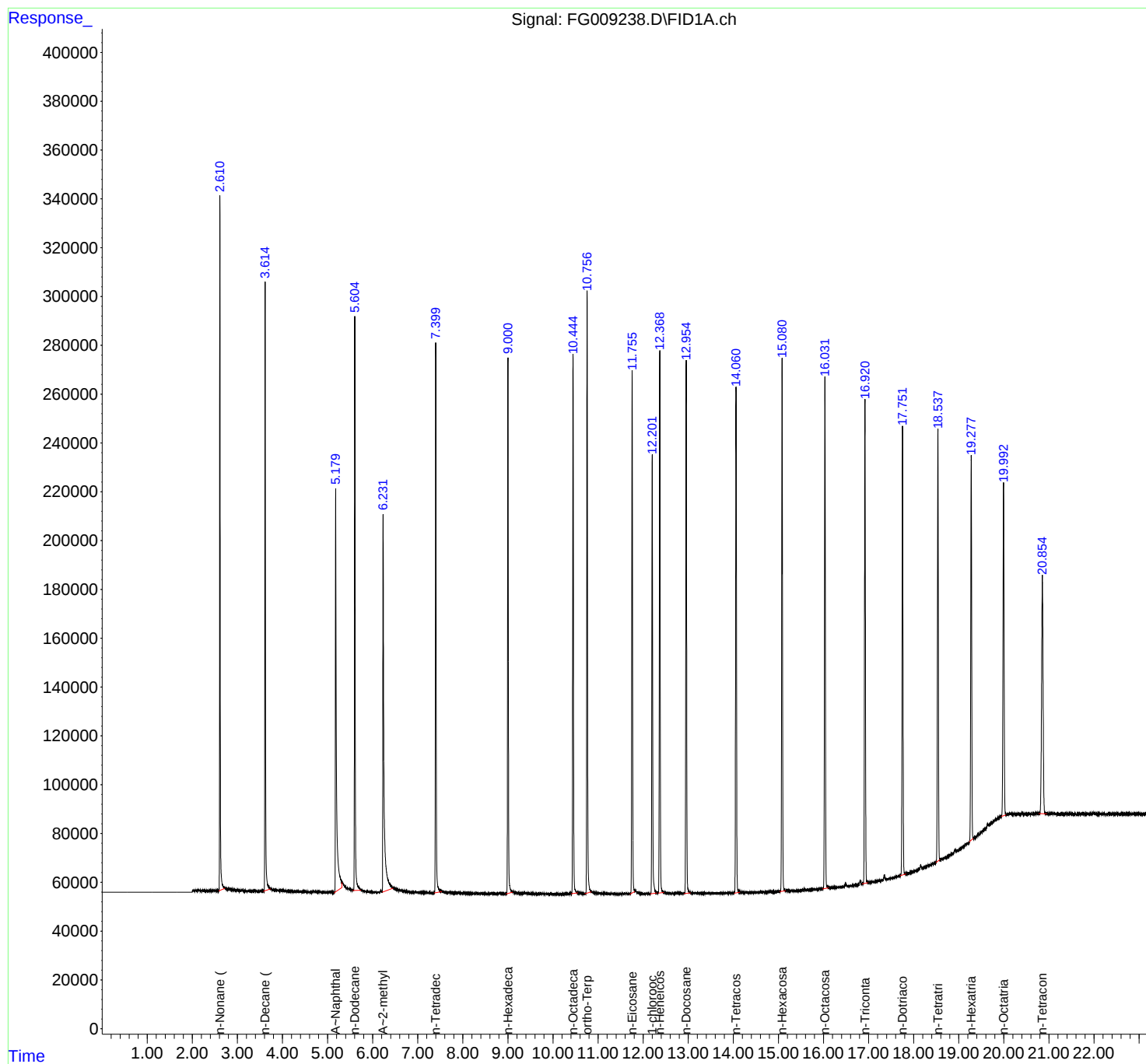
(f)=RT Delta > 1/2 Window

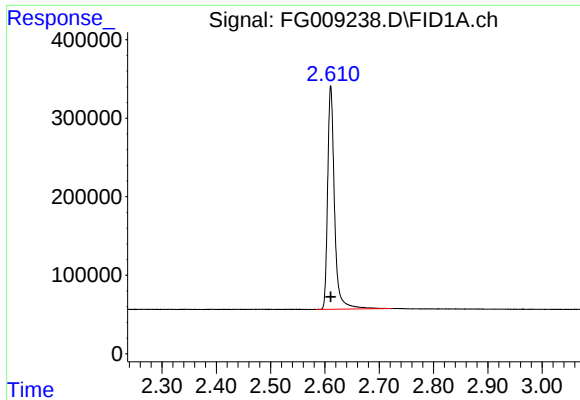
(m)=manual int.

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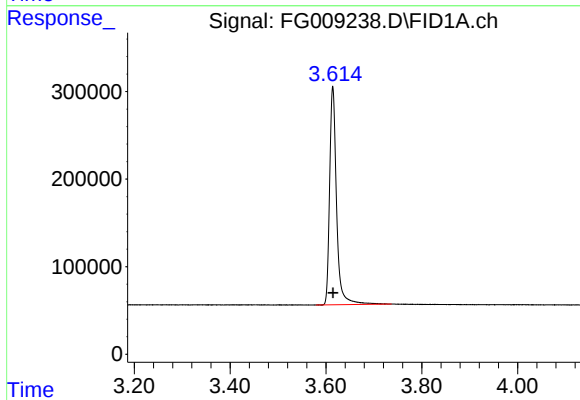
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





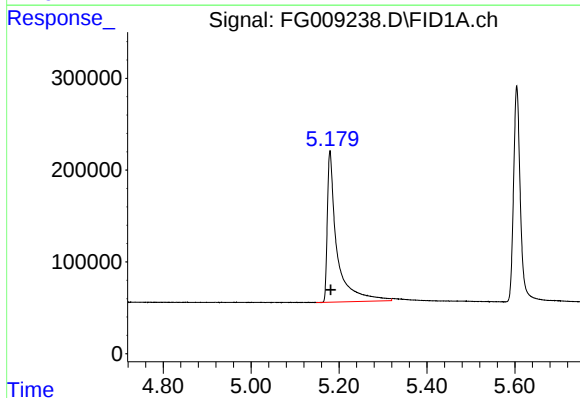
#1 n-Nonane (C9)

R.T.: 2.611 min
Delta R.T.: 0.000 min
Response: 2506590
Conc: 19.65 ug/ml



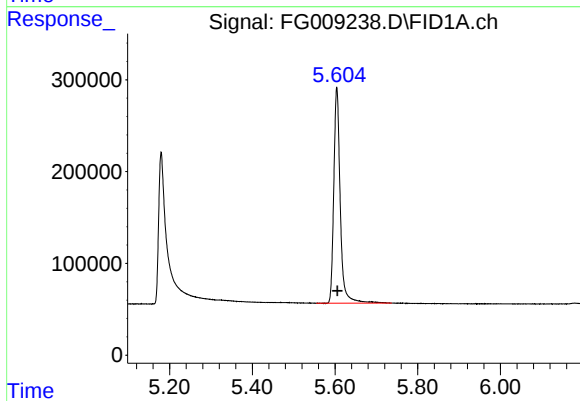
#2 n-Decane (C10)

R.T.: 3.614 min
Delta R.T.: 0.000 min
Response: 2499060
Conc: 19.71 ug/ml



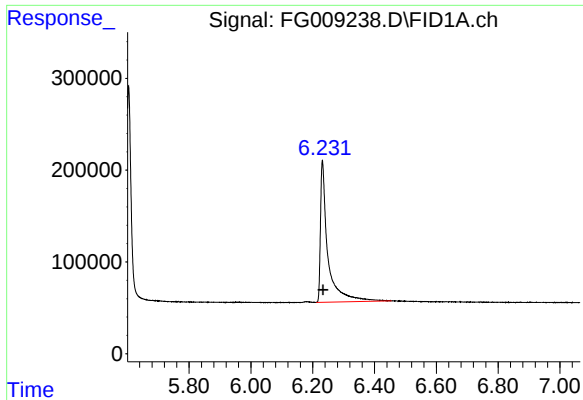
#3 A~Naphthalene (C11.7)

R.T.: 5.180 min
Delta R.T.: -0.002 min
Response: 2517815
Conc: 19.49 ug/ml



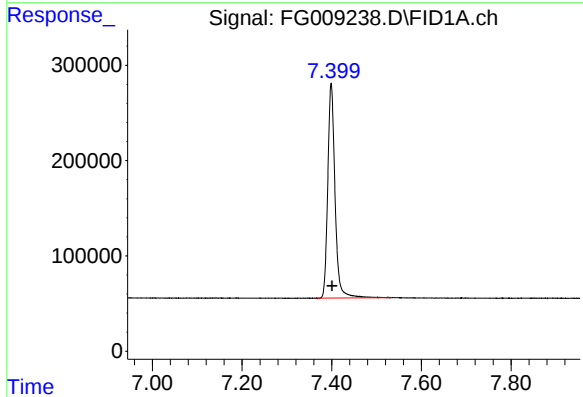
#4 n-Dodecane (C12)

R.T.: 5.604 min
Delta R.T.: -0.001 min
Response: 2550104
Conc: 19.85 ug/ml



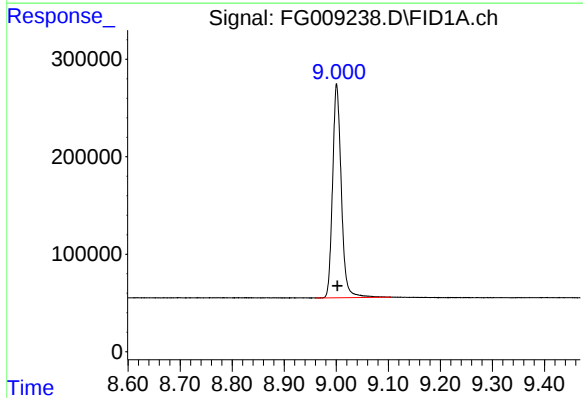
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.232 min
Delta R.T.: -0.002 min
Response: 2567469
Conc: 20.51 ug/ml



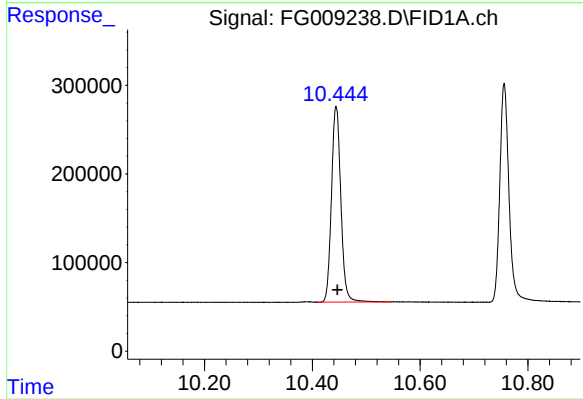
#6 n-Tetradecane (C14)

R.T.: 7.399 min
Delta R.T.: -0.002 min
Response: 2531548
Conc: 19.66 ug/ml



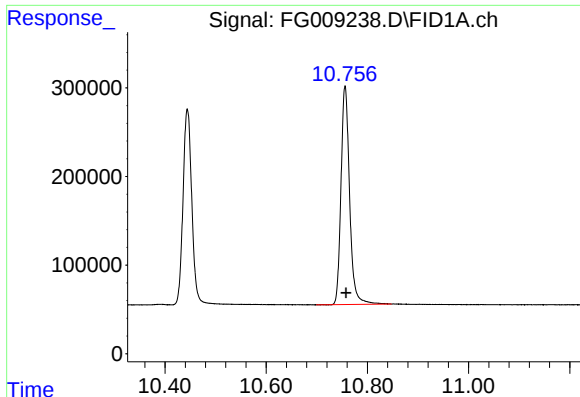
#7 n-Hexadecane (C16)

R.T.: 9.001 min
Delta R.T.: -0.002 min
Response: 2550912
Conc: 19.39 ug/ml



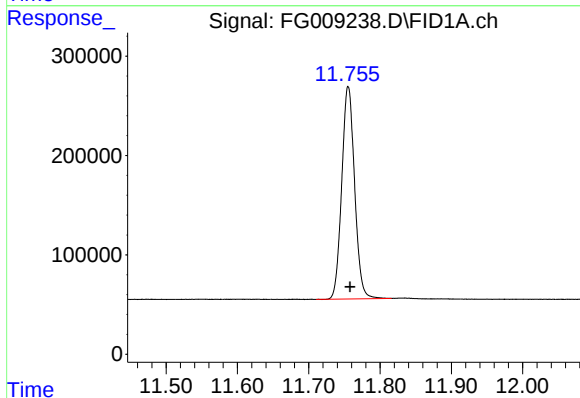
#8 n-Octadecane (C18)

R.T.: 10.444 min
Delta R.T.: -0.002 min
Response: 2666058
Conc: 19.30 ug/ml



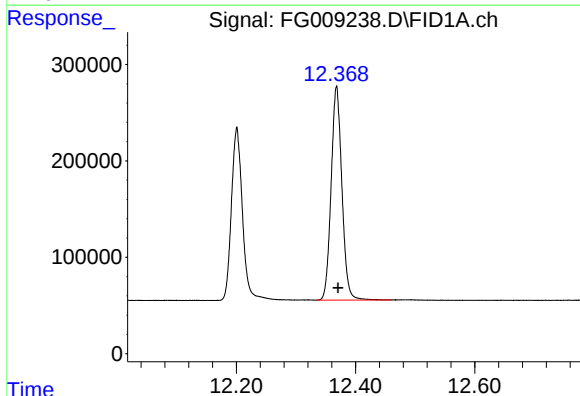
#9 ortho-Terphenyl (SURR)

R.T.: 10.756 min
Delta R.T.: -0.002 min
Response: 2907959
Conc: 19.20 ug/ml



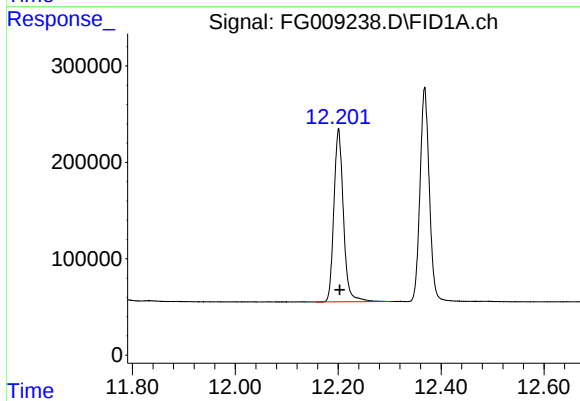
#10 n-Eicosane (C20)

R.T.: 11.755 min
Delta R.T.: -0.003 min
Response: 2680629
Conc: 19.26 ug/ml



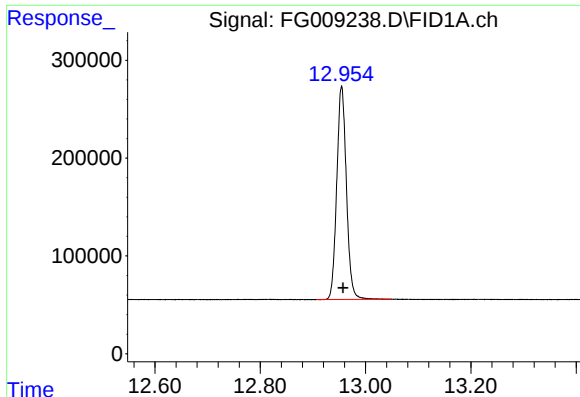
#11 n-Heneicosane (C21)

R.T.: 12.368 min
Delta R.T.: -0.003 min
Response: 2778926
Conc: 19.25 ug/ml



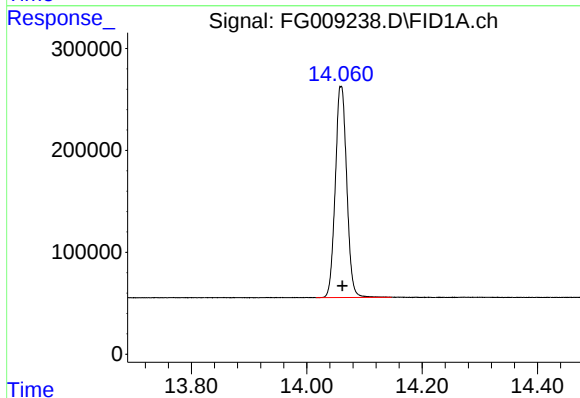
#12 1-chlorooctadecane (SURR)

R.T.: 12.201 min
Delta R.T.: -0.002 min
Response: 2302051
Conc: 19.38 ug/ml



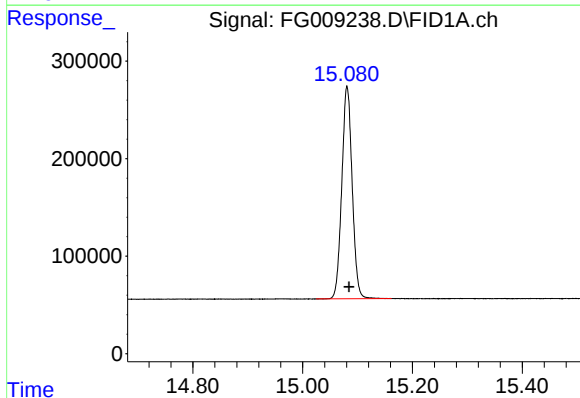
#13 n-Docosane (C22)

R.T.: 12.954 min
Delta R.T.: -0.003 min
Response: 2781870
Conc: 19.31 ug/ml



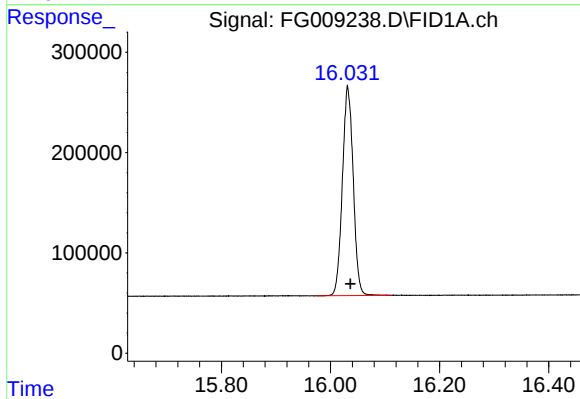
#14 n-Tetracosane (C24)

R.T.: 14.059 min
Delta R.T.: -0.002 min
Response: 2854455
Conc: 19.35 ug/ml



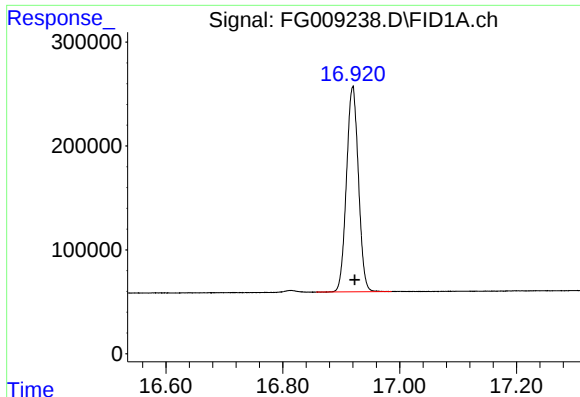
#15 n-Hexacosane (C26)

R.T.: 15.081 min
Delta R.T.: -0.004 min
Response: 2858560
Conc: 19.37 ug/ml



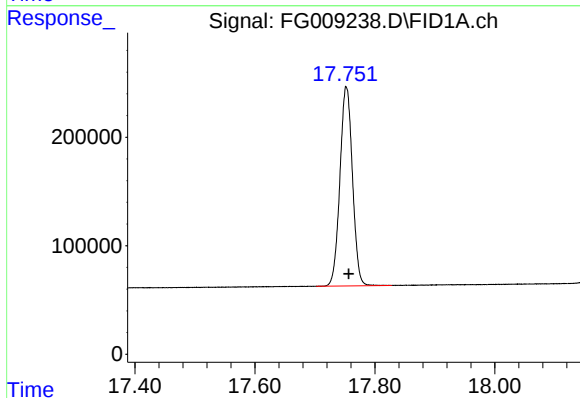
#16 n-Octacosane (C28)

R.T.: 16.032 min
Delta R.T.: -0.005 min
Response: 2872217
Conc: 19.44 ug/ml



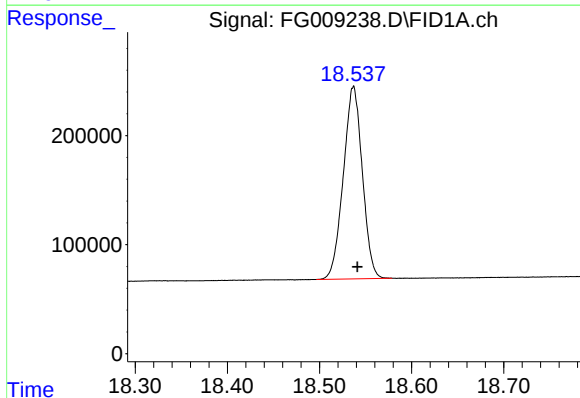
#17 n-Tricontane (C30)

R.T.: 16.920 min
Delta R.T.: -0.003 min
Response: 2807908
Conc: 19.47 ug/ml



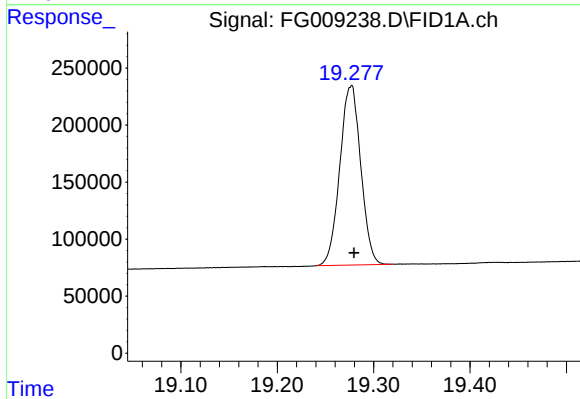
#18 n-Dotriacontane (C32)

R.T.: 17.752 min
Delta R.T.: -0.004 min
Response: 2661729
Conc: 19.60 ug/ml



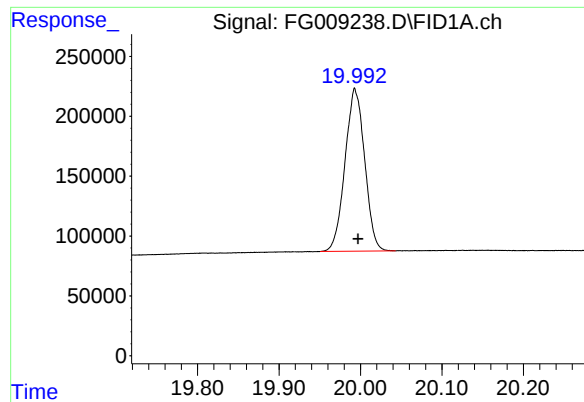
#19 n-Tetratriacontane (C34)

R.T.: 18.537 min
Delta R.T.: -0.004 min
Response: 2533582
Conc: 19.74 ug/ml m



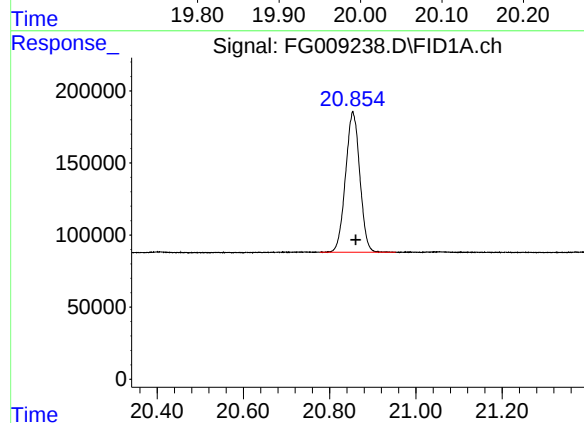
#20 n-Hexatriacontane (C36)

R.T.: 19.277 min
Delta R.T.: -0.003 min
Response: 2372571
Conc: 19.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.993 min
Delta R.T.: -0.004 min
Response: 2274715
Conc: 19.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.854 min
Delta R.T.: -0.007 min
Response: 2236849
Conc: 19.97 ug/ml