

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102323AL\
 Data File : FC064909.D
 Signal(s) : FID1A.ch
 Acq On : 23 Oct 2023 15:37
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 24 00:55:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 10 12:17:45 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)	11.521	4155873	19.464 ug/ml
Spiked Amount 50.000		Recovery =	38.93%
12) S 1-chlorooctadecane (S...	12.953	3006584	20.052 ug/ml
Spiked Amount 50.000		Recovery =	40.10%
Target Compounds			
1) T n-Nonane (C9)	3.320	3676838	20.019 ug/ml
2) T n-Decane (C10)	4.380	3702478	20.240 ug/ml
3) T A~Naphthalene (C11.7)	5.960	3852309	20.311 ug/ml
4) T n-Dodecane (C12)	6.389	3746990	20.103 ug/ml
5) T A~2-methylnaphthalene...	7.013	3677306	20.998 ug/ml
6) T n-Tetradecane (C14)	8.177	3666583	20.415 ug/ml
7) T n-Hexadecane (C16)	9.771	3638196	20.453 ug/ml
8) T n-Octadecane (C18)	11.207	3587207	19.991 ug/ml
10) T n-Eicosane (C20)	12.511	3396783	19.727 ug/ml
11) T n-Heneicosane (C21)	13.121	3311562	19.554 ug/ml
13) T n-Docosane (C22)	13.703	3232737	19.620 ug/ml
14) T n-Tetracosane (C24)	14.802	3116494	19.581 ug/ml
15) T n-Hexacosane (C26)	15.818	3005393	19.619 ug/ml
16) T n-Octacosane (C28)	16.765	2912716	19.765 ug/ml
17) T n-Tricontane (C30)	17.649	2913776	19.915 ug/ml
18) T n-Dotriacontane (C32)	18.477	2895625	20.054 ug/ml
19) T n-Tetratriacontane (C34)	19.258	2820590	20.046 ug/ml
20) T n-Hexatriacontane (C36)	19.995	2780845	20.100 ug/ml
21) T n-Octatriacontane (C38)	20.716	2802848	21.159 ug/ml
22) T n-Tetracontane (C40)	21.600	2783421	22.241 ug/ml

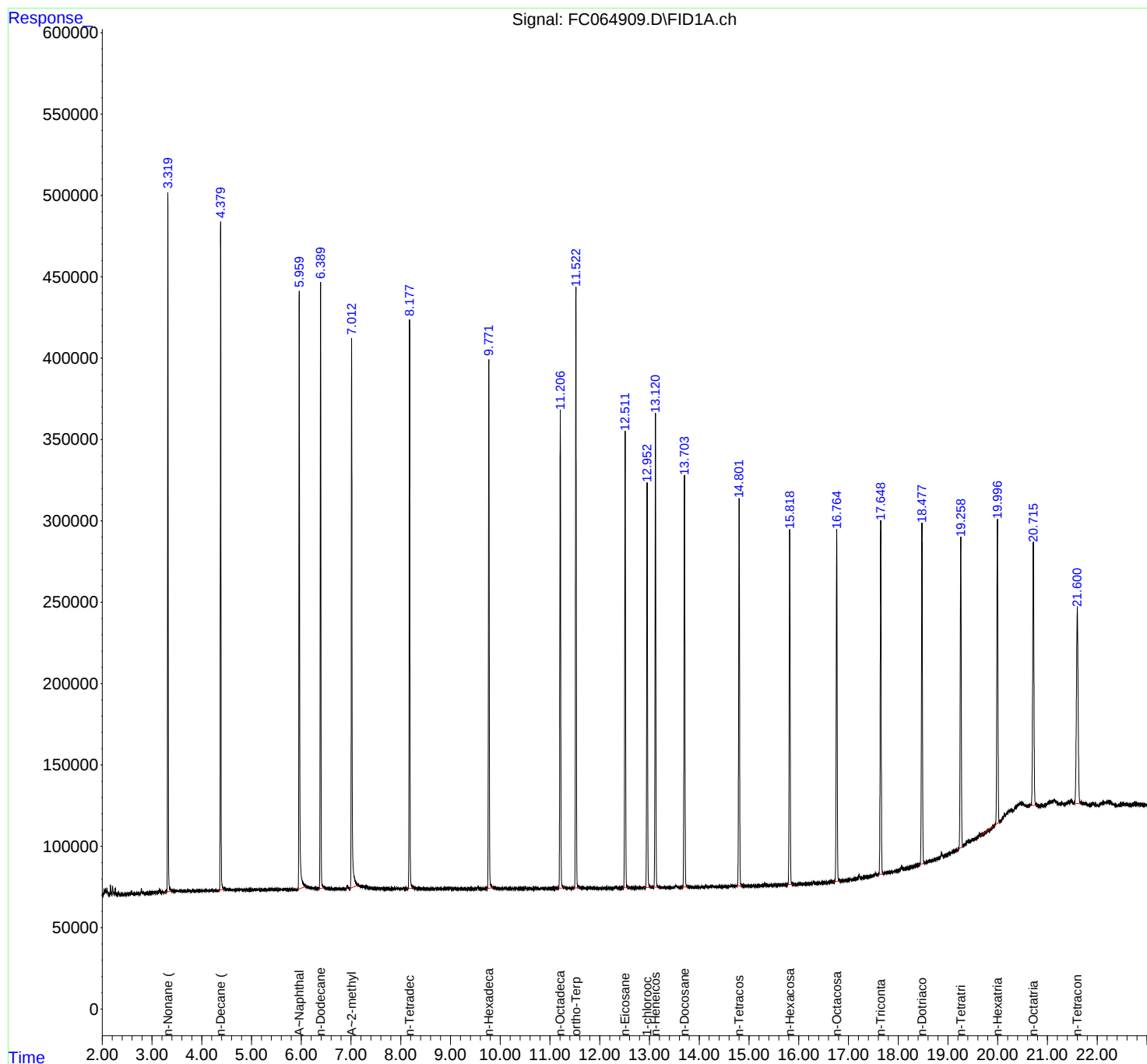
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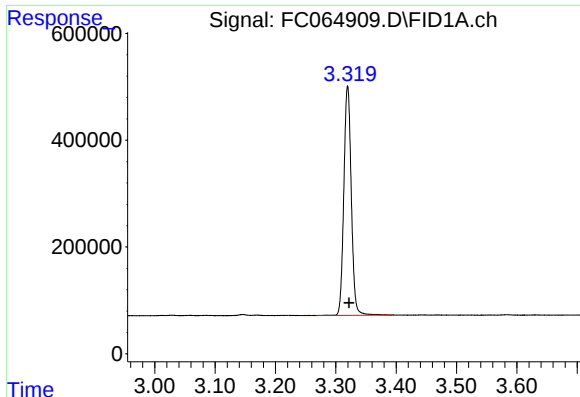
(m)=manual int.

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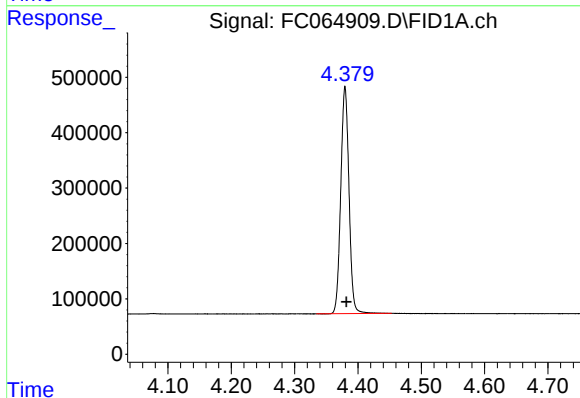
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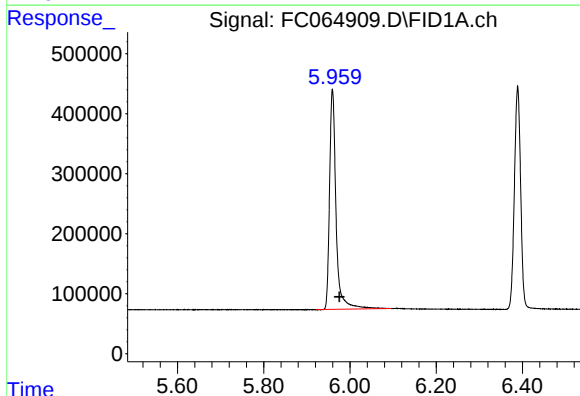
#1 n-Nonane (C9)

R.T.: 3.320 min
Delta R.T.: -0.002 min
Response: 3676838
Conc: 20.02 ug/ml



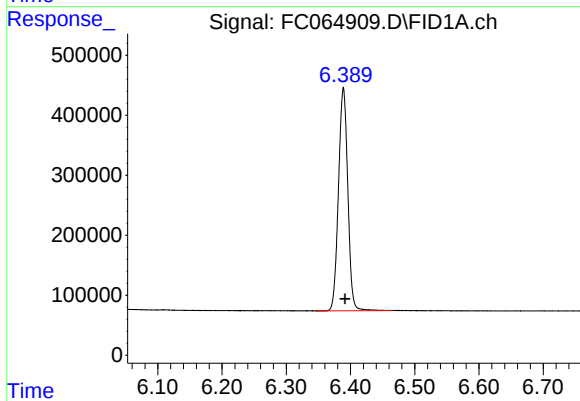
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: -0.002 min
Response: 3702478
Conc: 20.24 ug/ml



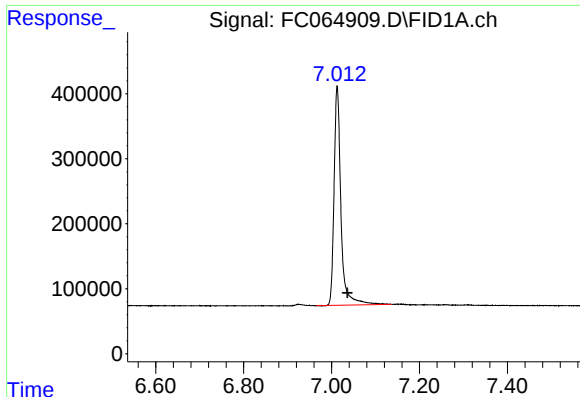
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min
Delta R.T.: -0.016 min
Response: 3852309
Conc: 20.31 ug/ml



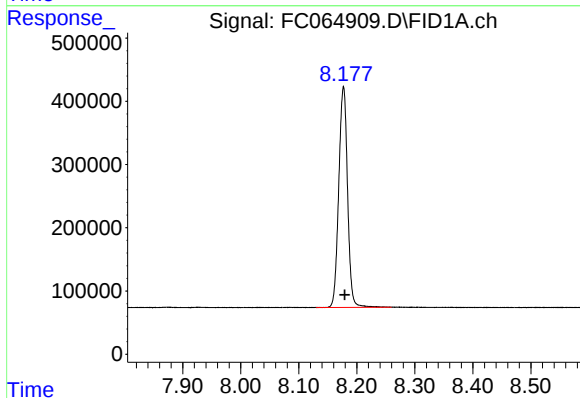
#4 n-Dodecane (C12)

R.T.: 6.389 min
Delta R.T.: -0.003 min
Response: 3746990
Conc: 20.10 ug/ml



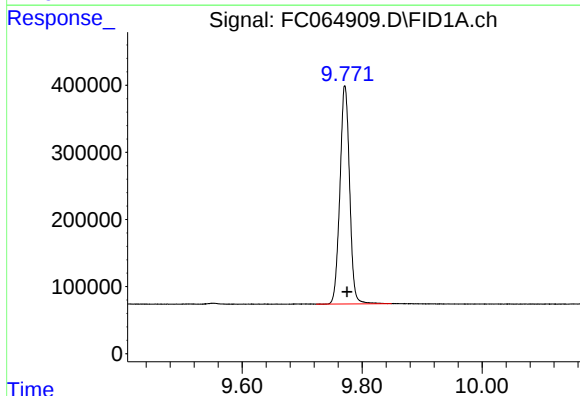
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.013 min
Delta R.T.: -0.023 min
Response: 3677306
Conc: 21.00 ug/ml



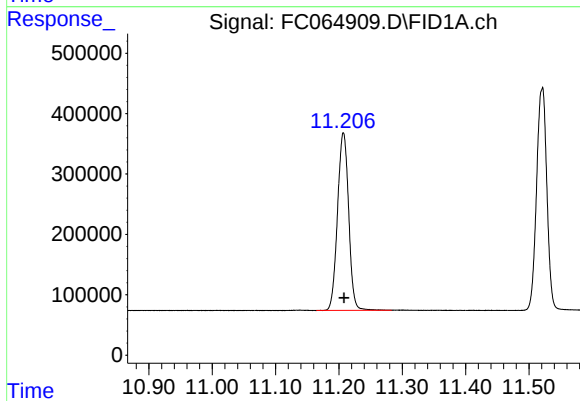
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: -0.002 min
Response: 3666583
Conc: 20.42 ug/ml



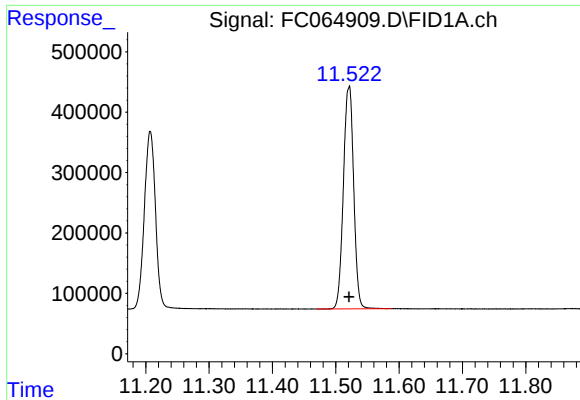
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: -0.003 min
Response: 3638196
Conc: 20.45 ug/ml



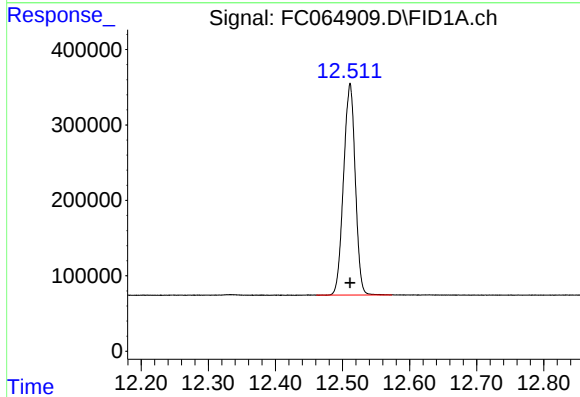
#8 n-Octadecane (C18)

R.T.: 11.207 min
Delta R.T.: 0.000 min
Response: 3587207
Conc: 19.99 ug/ml



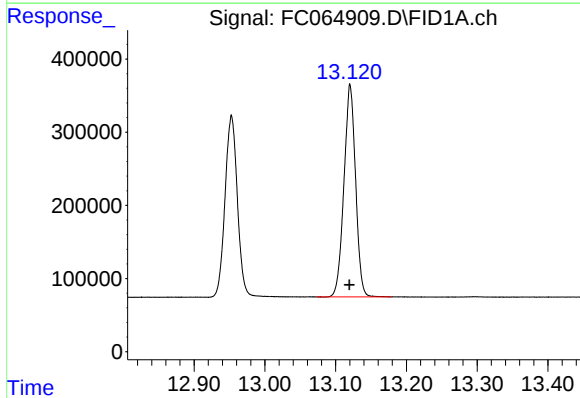
#9 ortho-Terphenyl (SURR)

R.T.: 11.521 min
Delta R.T.: 0.000 min
Response: 4155873
Conc: 19.46 ug/ml



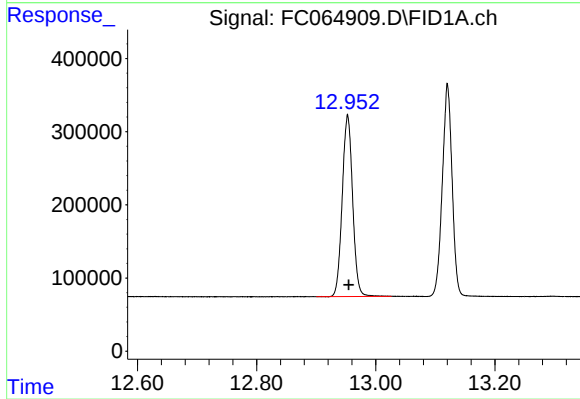
#10 n-Eicosane (C20)

R.T.: 12.511 min
Delta R.T.: 0.000 min
Response: 3396783
Conc: 19.73 ug/ml



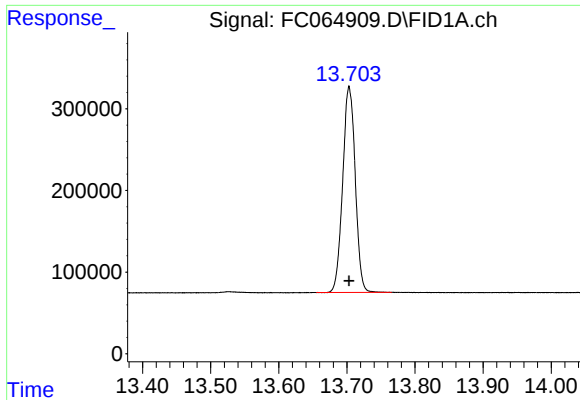
#11 n-Heneicosane (C21)

R.T.: 13.121 min
Delta R.T.: 0.000 min
Response: 3311562
Conc: 19.55 ug/ml



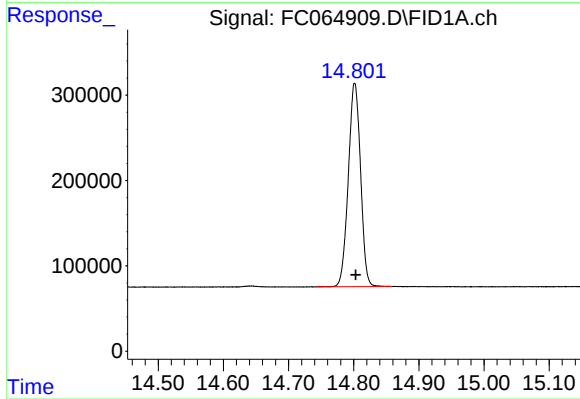
#12 1-chlorooctadecane (SURR)

R.T.: 12.953 min
Delta R.T.: -0.002 min
Response: 3006584
Conc: 20.05 ug/ml



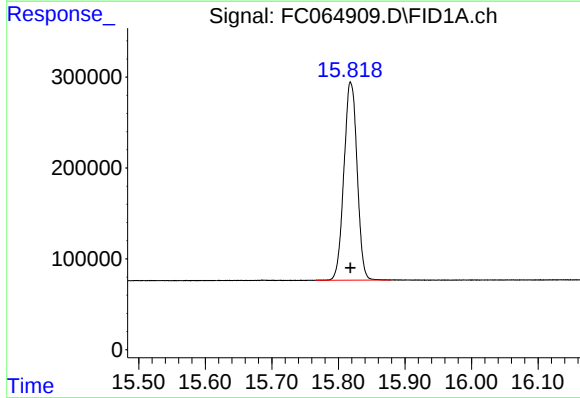
#13 n-Docosane (C22)

R.T.: 13.703 min
Delta R.T.: 0.000 min
Response: 3232737
Conc: 19.62 ug/ml



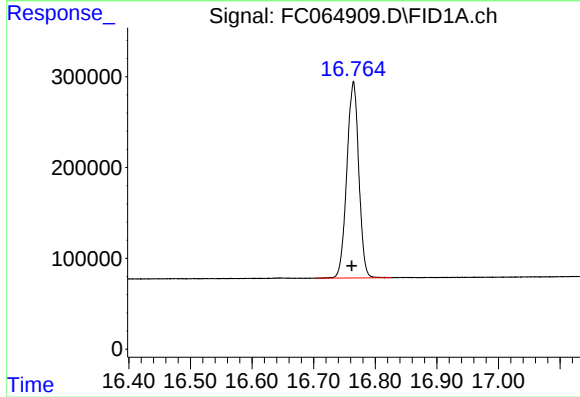
#14 n-Tetracosane (C24)

R.T.: 14.802 min
Delta R.T.: -0.002 min
Response: 3116494
Conc: 19.58 ug/ml



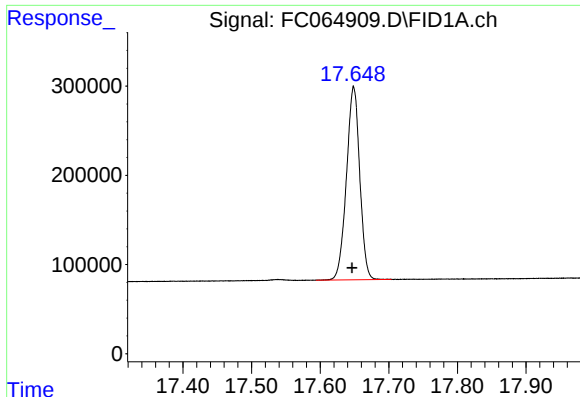
#15 n-Hexacosane (C26)

R.T.: 15.818 min
Delta R.T.: 0.000 min
Response: 3005393
Conc: 19.62 ug/ml



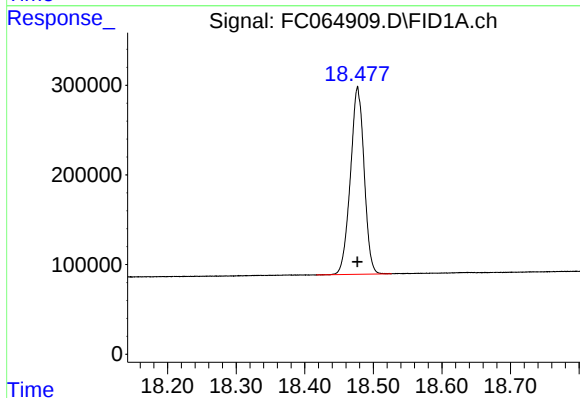
#16 n-Octacosane (C28)

R.T.: 16.765 min
Delta R.T.: 0.003 min
Response: 2912716
Conc: 19.77 ug/ml



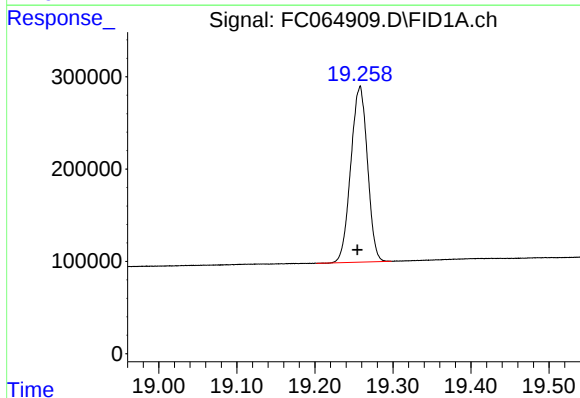
#17 n-Tricontane (C30)

R.T.: 17.649 min
Delta R.T.: 0.003 min
Response: 2913776
Conc: 19.91 ug/ml



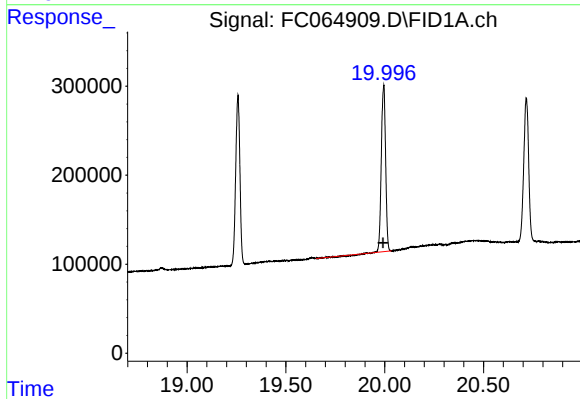
#18 n-Dotriacontane (C32)

R.T.: 18.477 min
Delta R.T.: 0.000 min
Response: 2895625
Conc: 20.05 ug/ml



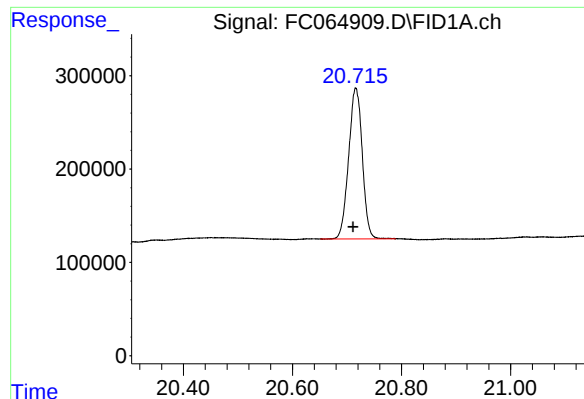
#19 n-Tetratriacontane (C34)

R.T.: 19.258 min
Delta R.T.: 0.003 min
Response: 2820590
Conc: 20.05 ug/ml



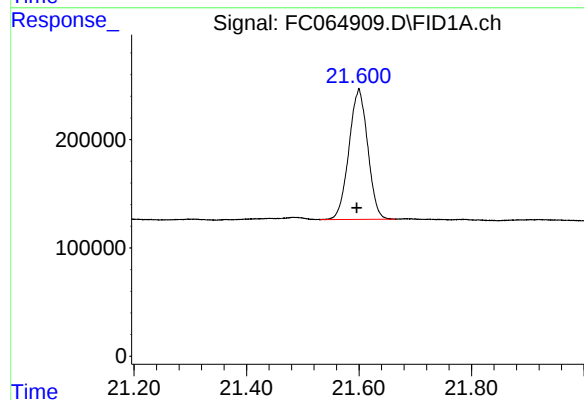
#20 n-Hexatriacontane (C36)

R.T.: 19.995 min
Delta R.T.: 0.003 min
Response: 2780845
Conc: 20.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.716 min
Delta R.T.: 0.005 min
Response: 2802848
Conc: 21.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.600 min
Delta R.T.: 0.004 min
Response: 2783421
Conc: 22.24 ug/ml