

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120623AL\
 Data File : FC065352.D
 Signal(s) : FID1A.ch
 Acq On : 06 Dec 2023 12:46
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 07 00:05:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 112423.M
 Quant Title : GC Extractables
 Qlast Update : Fri Nov 24 13:28:29 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)	11.508	4288113	18.483 ug/ml
Spiked Amount 50.000		Recovery =	36.97%
12) S 1-chlorooctadecane (S...	12.940	3101066	18.728 ug/ml
Spiked Amount 50.000		Recovery =	37.46%
Target Compounds			
1) T n-Nonane (C9)	3.304	3700453	18.480 ug/ml
2) T n-Decane (C10)	4.364	3839010	19.100 ug/ml
3) T A~Naphthalene (C11.7)	5.946	3927770	19.346 ug/ml
4) T n-Dodecane (C12)	6.375	3873053	19.045 ug/ml
5) T A~2-methylnaphthalene...	7.000	3781473	19.456 ug/ml
6) T n-Tetradecane (C14)	8.163	3757648	18.908 ug/ml
7) T n-Hexadecane (C16)	9.757	3714806	18.753 ug/ml
8) T n-Octadecane (C18)	11.194	3674247	18.551 ug/ml
10) T n-Eicosane (C20)	12.498	3516158	18.581 ug/ml
11) T n-Heneicosane (C21)	13.108	3421089	18.515 ug/ml
13) T n-Docosane (C22)	13.691	3420633	18.960 ug/ml
14) T n-Tetracosane (C24)	14.789	3397252	19.595 ug/ml
15) T n-Hexacosane (C26)	15.806	3344264	20.084 ug/ml
16) T n-Octacosane (C28)	16.751	3351755	20.956 ug/ml
17) T n-Tricontane (C30)	17.635	3495713	21.954 ug/ml
18) T n-Dotriacontane (C32)	18.464	3412729	21.709 ug/ml
19) T n-Tetratriacontane (C34)	19.245	3233571	20.954 ug/ml
20) T n-Hexatriacontane (C36)	19.981	2902644	18.936 ug/ml
21) T n-Octatriacontane (C38)	20.702	3320270	21.835 ug/mlm
22) T n-Tetracontane (C40)	21.579	3614088	24.109 ug/mlm

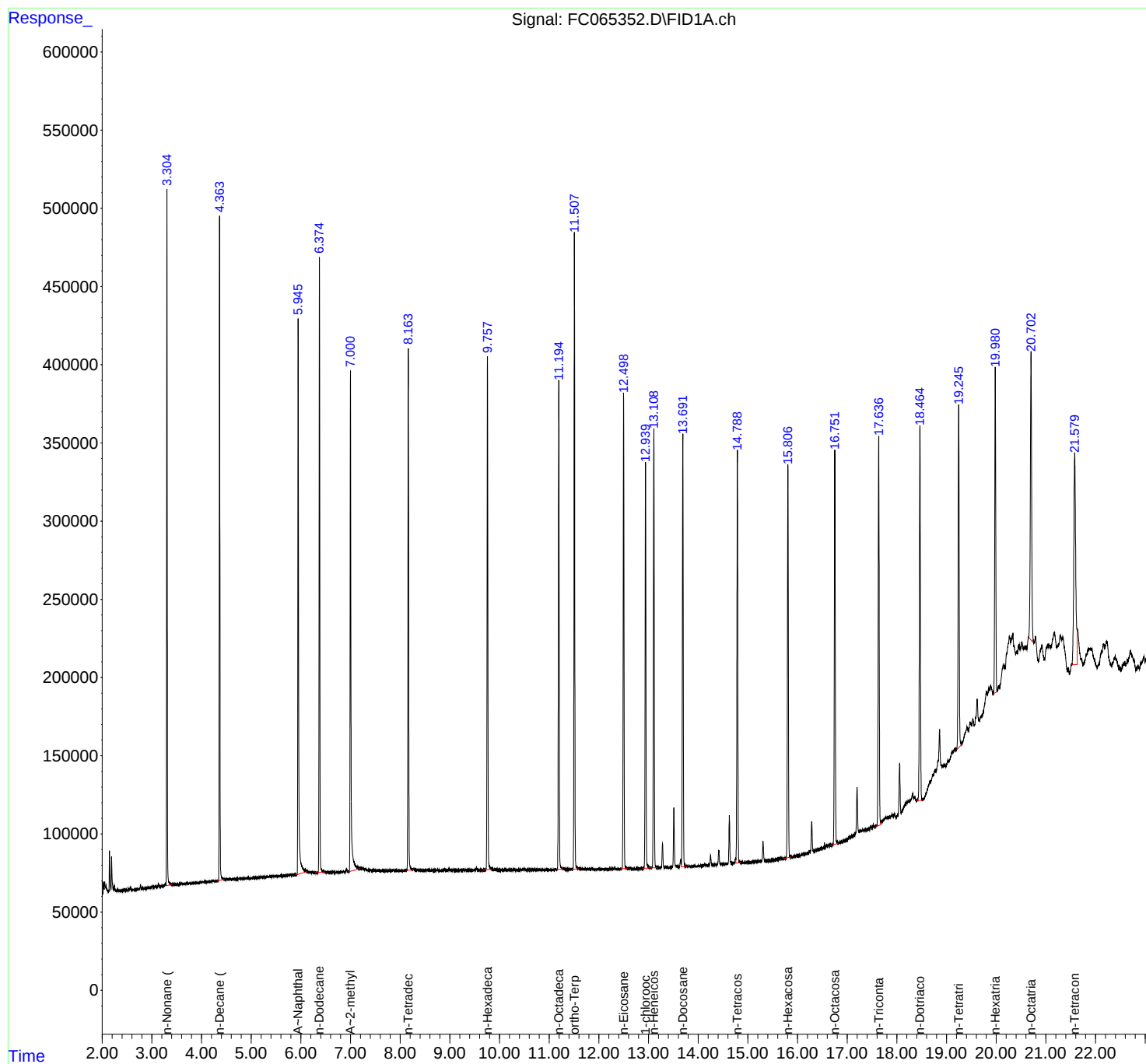
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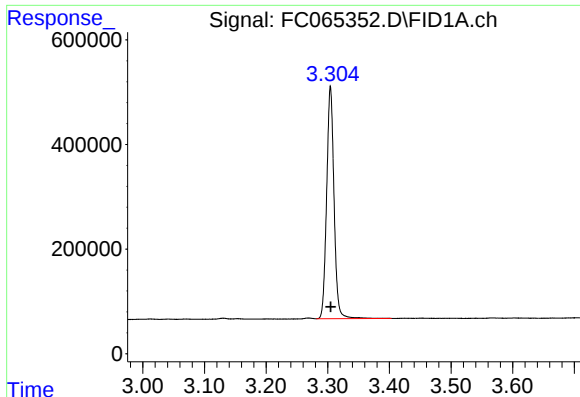
(m)=manual int.

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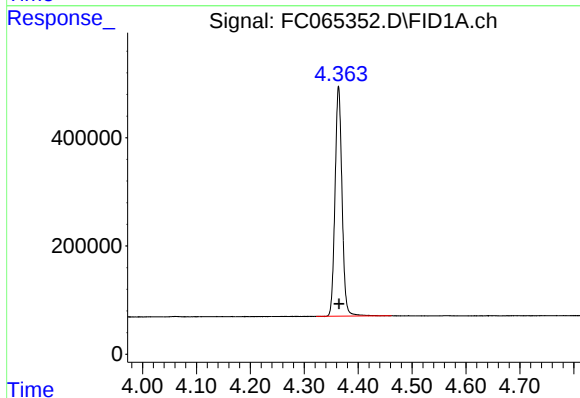
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Signal Info : 20M x 0.18mm x 0.18um





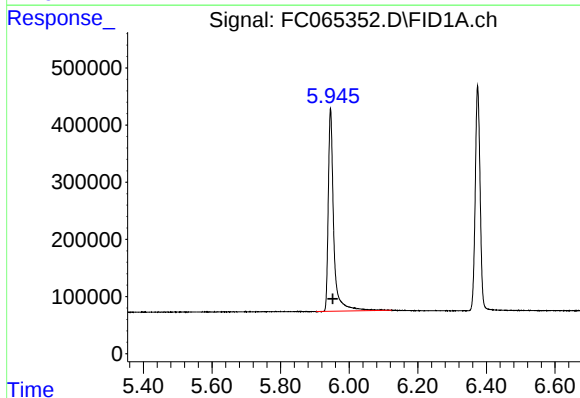
#1 n-Nonane (C9)

R.T.: 3.304 min
Delta R.T.: 0.000 min
Response: 3700453
Conc: 18.48 ug/ml



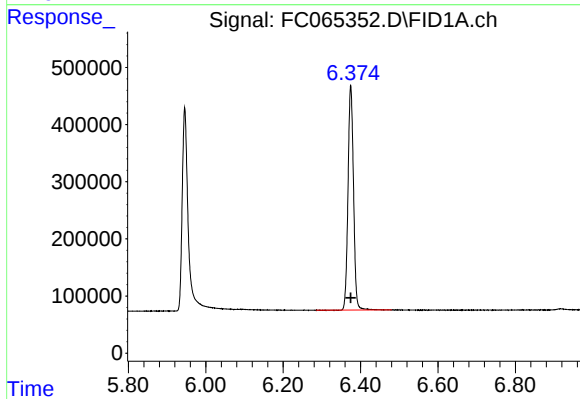
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: -0.001 min
Response: 3839010
Conc: 19.10 ug/ml



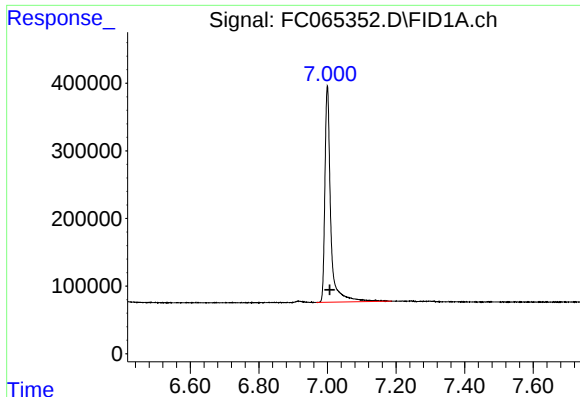
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: -0.006 min
Response: 3927770
Conc: 19.35 ug/ml



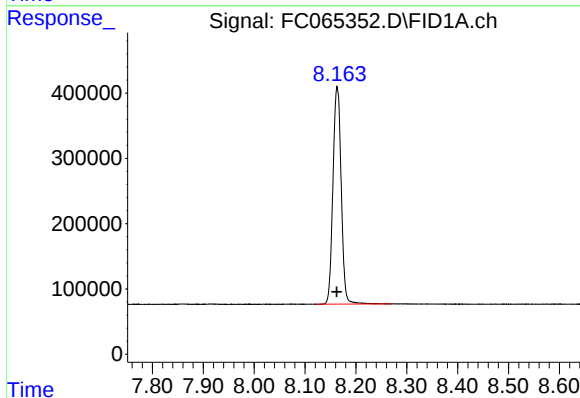
#4 n-Dodecane (C12)

R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 3873053
Conc: 19.05 ug/ml



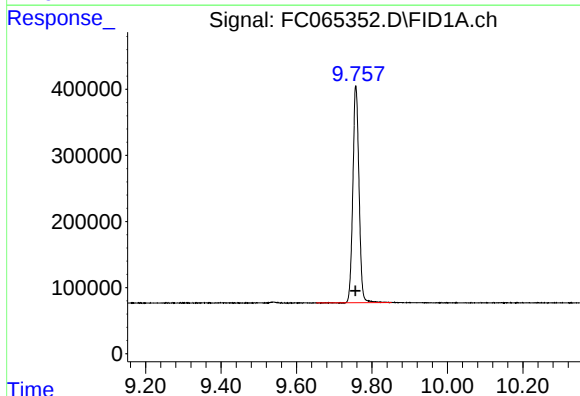
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.000 min
Delta R.T.: -0.007 min
Response: 3781473
Conc: 19.46 ug/ml



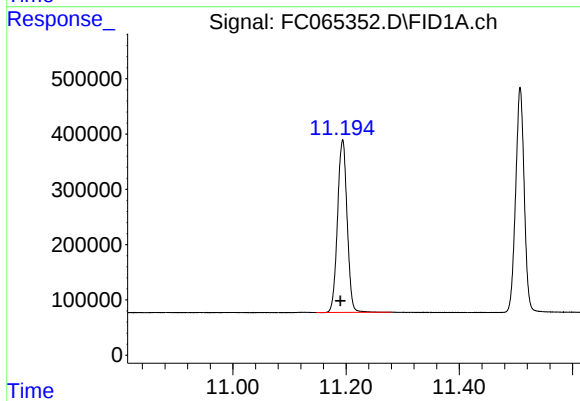
#6 n-Tetradecane (C14)

R.T.: 8.163 min
Delta R.T.: 0.000 min
Response: 3757648
Conc: 18.91 ug/ml



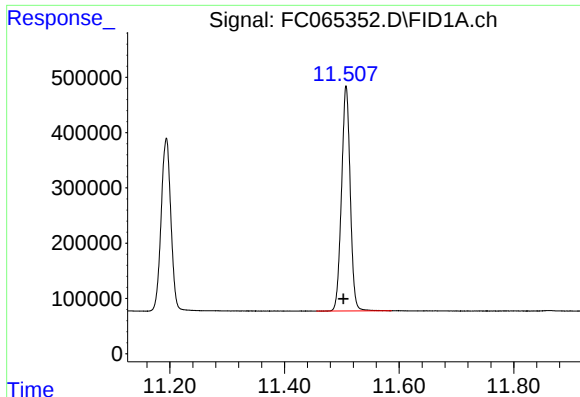
#7 n-Hexadecane (C16)

R.T.: 9.757 min
Delta R.T.: 0.001 min
Response: 3714806
Conc: 18.75 ug/ml



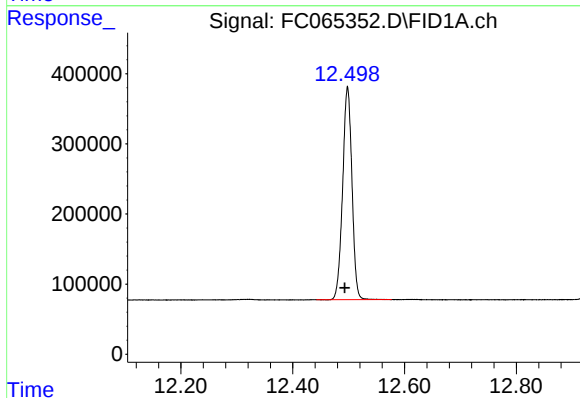
#8 n-Octadecane (C18)

R.T.: 11.194 min
Delta R.T.: 0.004 min
Response: 3674247
Conc: 18.55 ug/ml



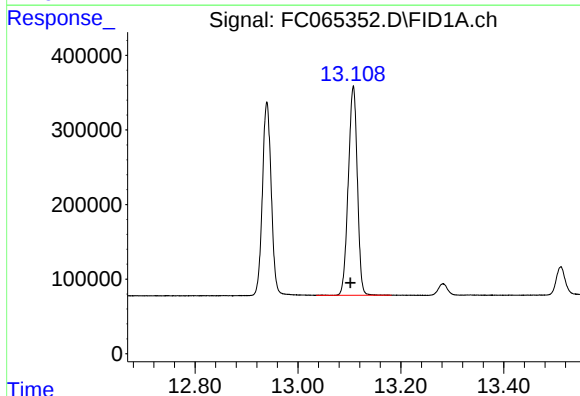
#9 ortho-Terphenyl (SURR)

R.T.: 11.508 min
Delta R.T.: 0.005 min
Response: 4288113
Conc: 18.48 ug/ml



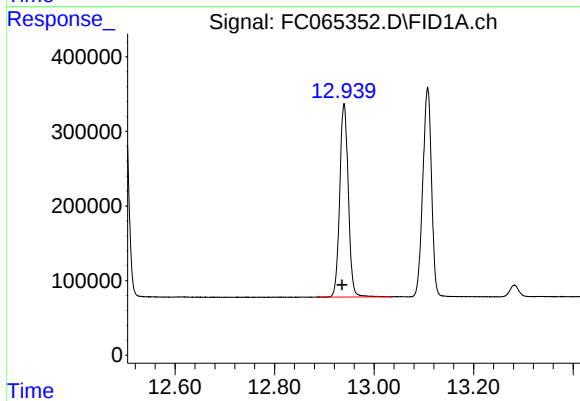
#10 n-Eicosane (C20)

R.T.: 12.498 min
Delta R.T.: 0.005 min
Response: 3516158
Conc: 18.58 ug/ml



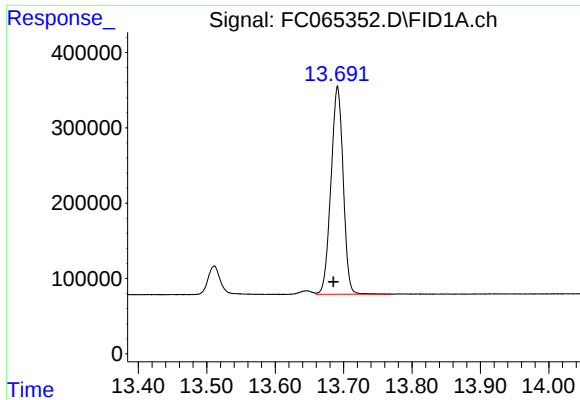
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: 0.006 min
Response: 3421089
Conc: 18.52 ug/ml



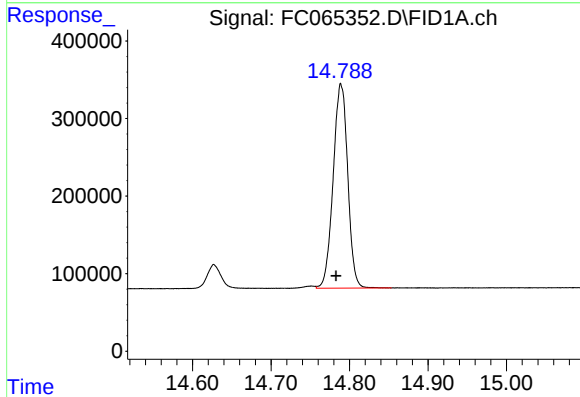
#12 1-chlorooctadecane (SURR)

R.T.: 12.940 min
Delta R.T.: 0.004 min
Response: 3101066
Conc: 18.73 ug/ml



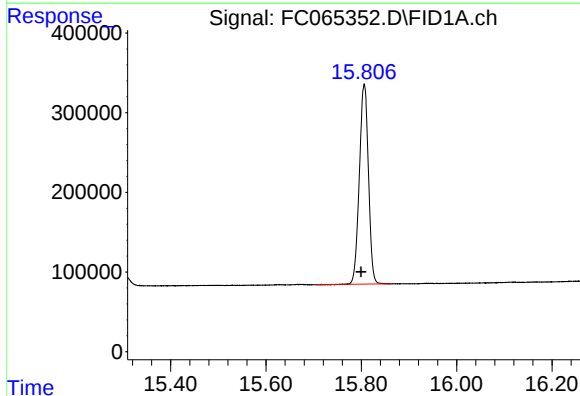
#13 n-Docosane (C22)

R.T.: 13.691 min
Delta R.T.: 0.006 min
Response: 3420633
Conc: 18.96 ug/ml



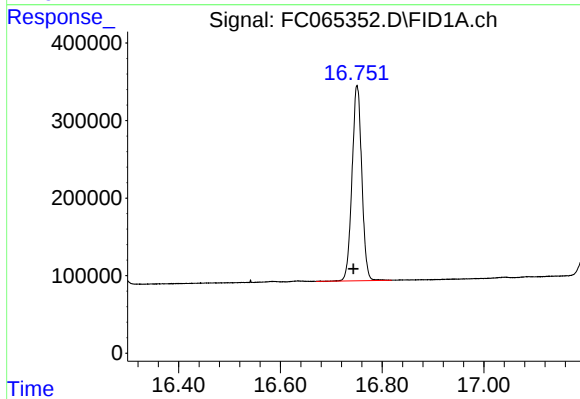
#14 n-Tetracosane (C24)

R.T.: 14.789 min
Delta R.T.: 0.006 min
Response: 3397252
Conc: 19.59 ug/ml



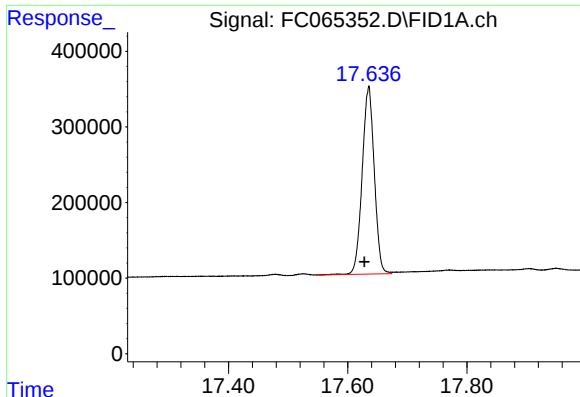
#15 n-Hexacosane (C26)

R.T.: 15.806 min
Delta R.T.: 0.007 min
Response: 3344264
Conc: 20.08 ug/ml



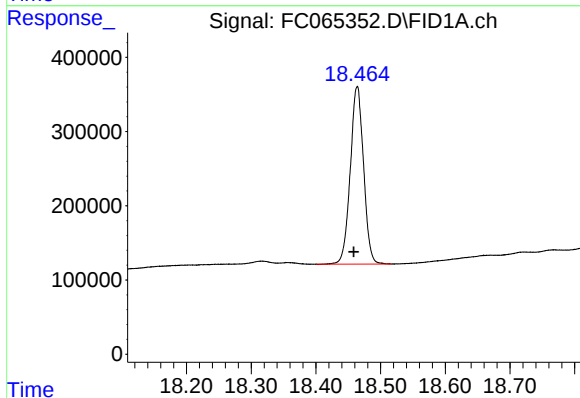
#16 n-Octacosane (C28)

R.T.: 16.751 min
Delta R.T.: 0.007 min
Response: 3351755
Conc: 20.96 ug/ml



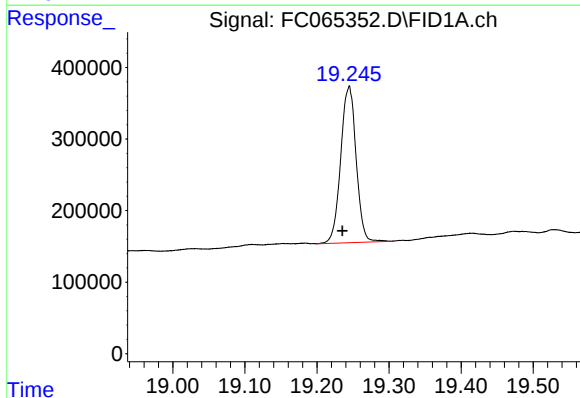
#17 n-Tricontane (C30)

R.T.: 17.635 min
Delta R.T.: 0.007 min
Response: 3495713
Conc: 21.95 ug/ml



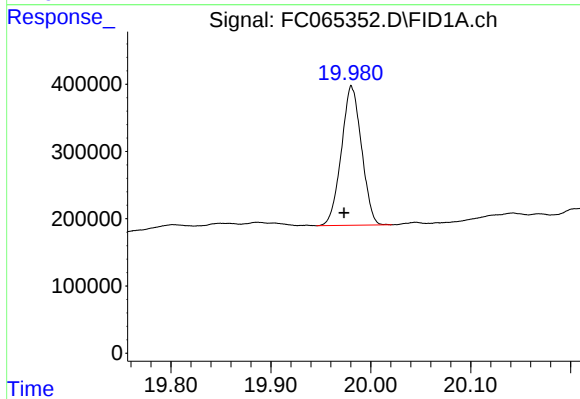
#18 n-Dotriacontane (C32)

R.T.: 18.464 min
Delta R.T.: 0.005 min
Response: 3412729
Conc: 21.71 ug/ml



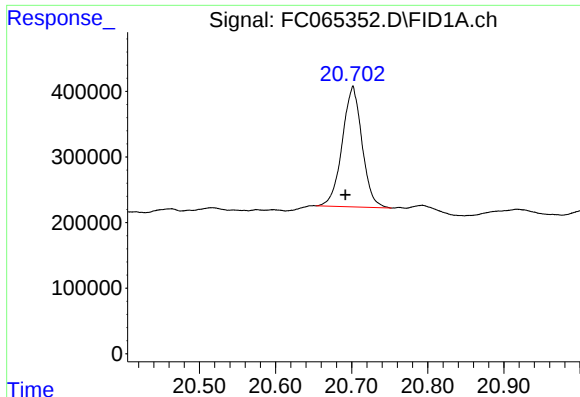
#19 n-Tetratriacontane (C34)

R.T.: 19.245 min
Delta R.T.: 0.009 min
Response: 3233571
Conc: 20.95 ug/ml



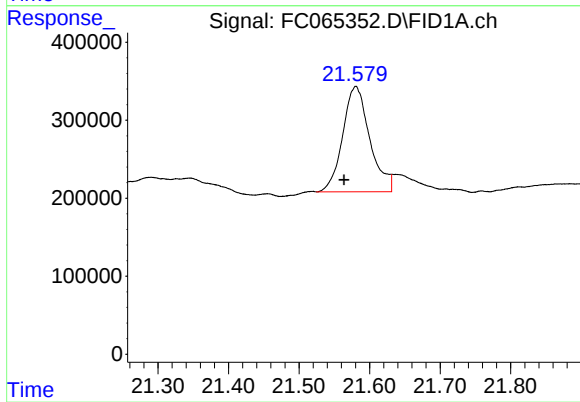
#20 n-Hexatriacontane (C36)

R.T.: 19.981 min
Delta R.T.: 0.007 min
Response: 2902644
Conc: 18.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.702 min
Delta R.T.: 0.010 min
Response: 3320270
Conc: 21.84 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.579 min
Delta R.T.: 0.015 min
Response: 3614088
Conc: 24.11 ug/ml m