

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021524AL\
 Data File : FC065768.D
 Signal(s) : FID1A.ch
 Acq On : 15 Feb 2024 21:59
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 16 03:43:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:26:08 2024
 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)	11.502	3495570	20.378 ug/ml
Spiked Amount 50.000		Recovery =	40.76%
12) S 1-chlorooctadecane (S...	12.934	2623590	20.847 ug/ml
Spiked Amount 50.000		Recovery =	41.69%
Target Compounds			
1) T n-Nonane (C9)	3.292	3079653	20.499 ug/ml
2) T n-Decane (C10)	4.355	3187048	20.962 ug/ml
3) T A~Naphthalene (C11.7)	5.941	3425293	22.212 ug/ml
4) T n-Dodecane (C12)	6.369	3198639	20.899 ug/ml
5) T A~2-methylnaphthalene...	6.996	3142449	22.068 ug/ml
6) T n-Tetradecane (C14)	8.158	3092206	20.828 ug/ml
7) T n-Hexadecane (C16)	9.753	3176385	21.181 ug/ml
8) T n-Octadecane (C18)	11.188	3204126	20.772 ug/ml
10) T n-Eicosane (C20)	12.491	3101176	20.622 ug/ml
11) T n-Heneicosane (C21)	13.101	3066231	20.502 ug/ml
13) T n-Docosane (C22)	13.684	3061811	20.642 ug/ml
14) T n-Tetracosane (C24)	14.781	3094981	20.816 ug/ml
15) T n-Hexacosane (C26)	15.796	3095479	20.889 ug/ml
16) T n-Octacosane (C28)	16.742	3132184	21.346 ug/ml
17) T n-Tricontane (C30)	17.626	3313715	22.074 ug/ml
18) T n-Dotriacontane (C32)	18.455	3398704	22.982 ug/ml
19) T n-Tetratriacontane (C34)	19.234	3220331	22.218 ug/mlm
20) T n-Hexatriacontane (C36)	19.971	3099106	21.833 ug/mlm
21) T n-Octatriacontane (C38)	20.691	3237376	22.871 ug/mlm
22) T n-Tetracontane (C40)	21.565	3099872	22.223 ug/mlm

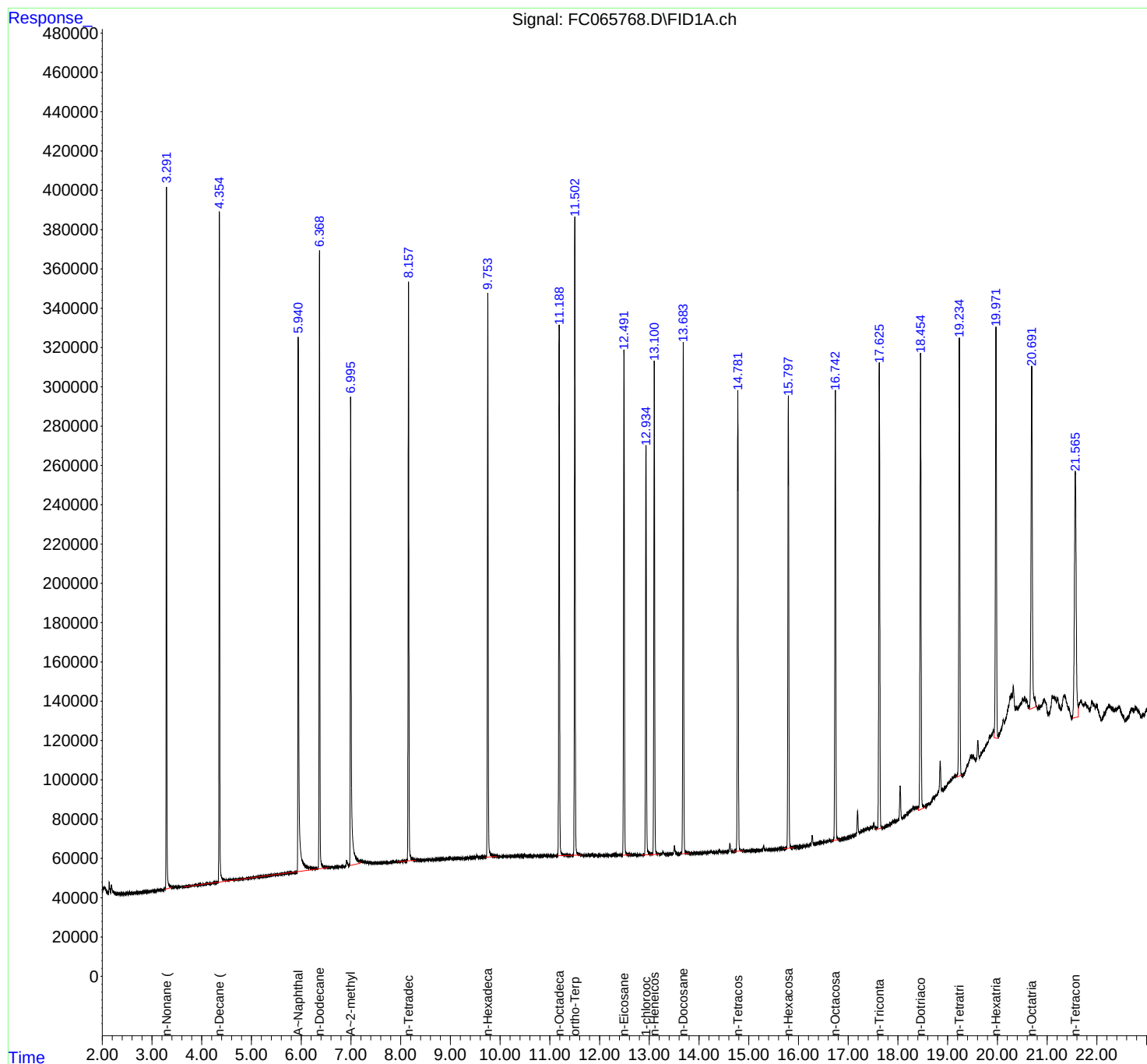
(f)=RT Delta > 1/2 Window

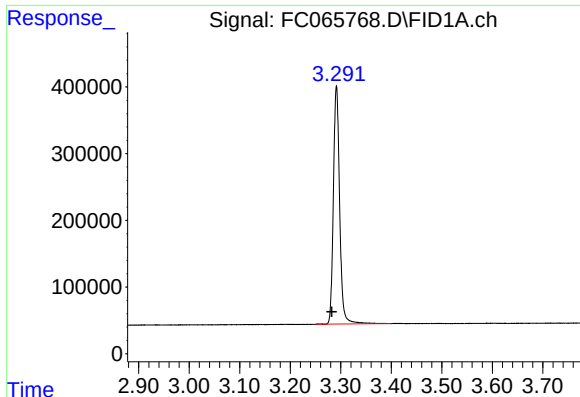
(m)=manual int.

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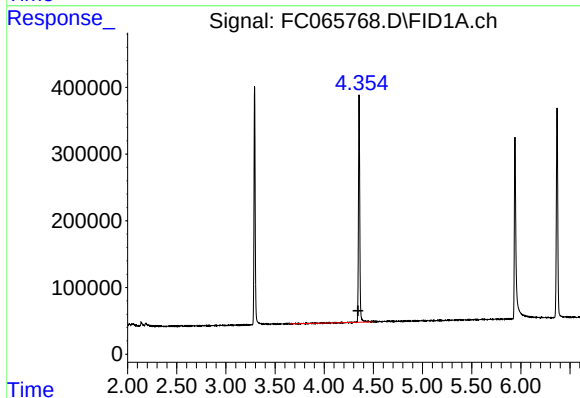
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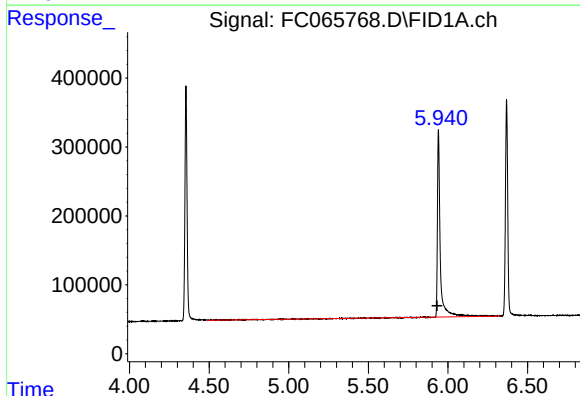
#1 n-Nonane (C9)

R.T.: 3.292 min
Delta R.T.: 0.010 min
Response: 3079653
Conc: 20.50 ug/ml



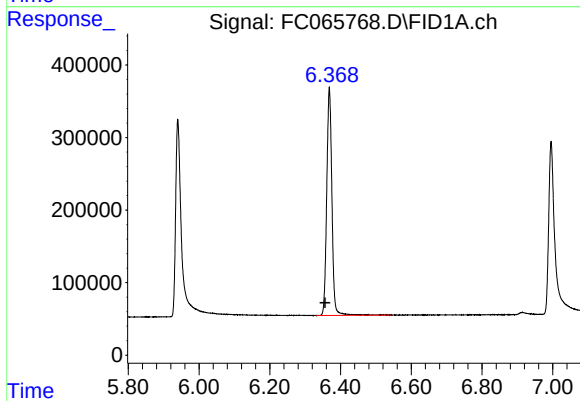
#2 n-Decane (C10)

R.T.: 4.355 min
Delta R.T.: 0.011 min
Response: 3187048
Conc: 20.96 ug/ml



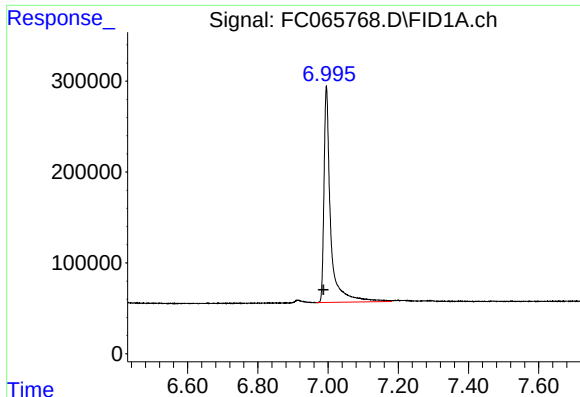
#3 A~Naphthalene (C11.7)

R.T.: 5.941 min
Delta R.T.: 0.009 min
Response: 3425293
Conc: 22.21 ug/ml



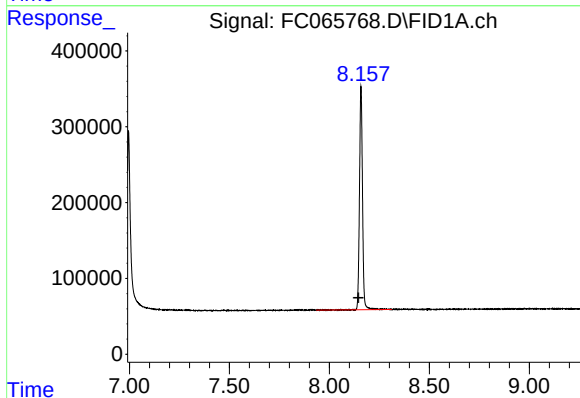
#4 n-Dodecane (C12)

R.T.: 6.369 min
Delta R.T.: 0.012 min
Response: 3198639
Conc: 20.90 ug/ml



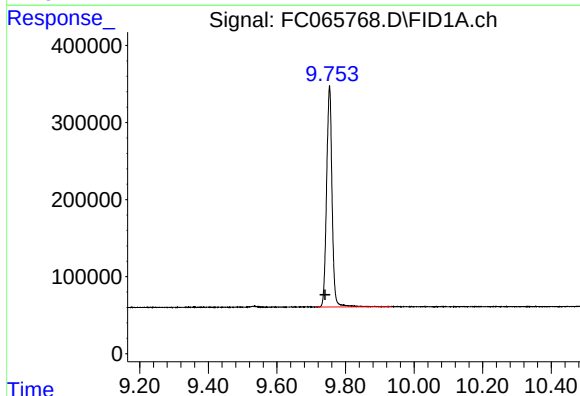
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.996 min
Delta R.T.: 0.009 min
Response: 3142449
Conc: 22.07 ug/ml



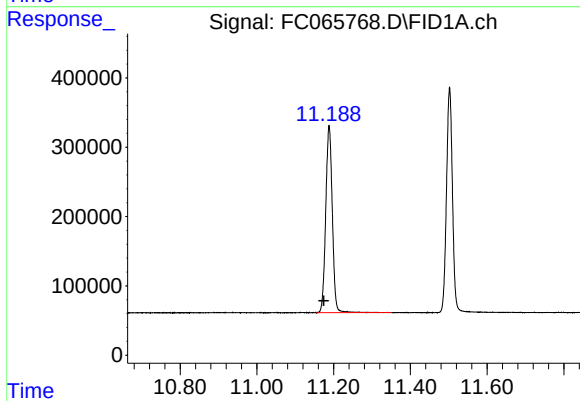
#6 n-Tetradecane (C14)

R.T.: 8.158 min
Delta R.T.: 0.013 min
Response: 3092206
Conc: 20.83 ug/ml



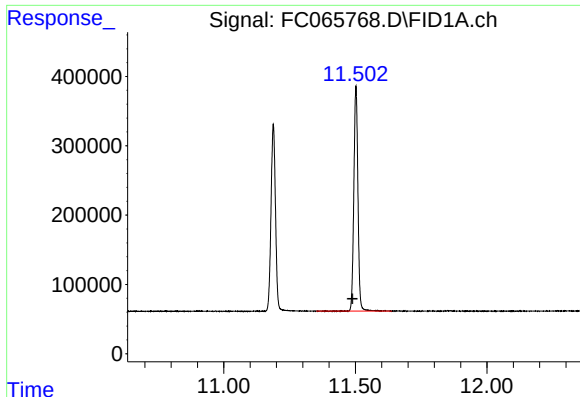
#7 n-Hexadecane (C16)

R.T.: 9.753 min
Delta R.T.: 0.013 min
Response: 3176385
Conc: 21.18 ug/ml



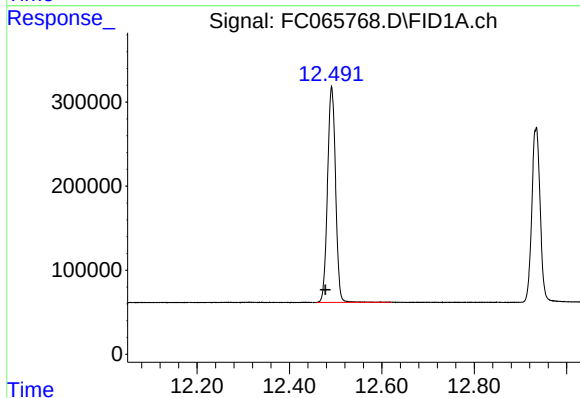
#8 n-Octadecane (C18)

R.T.: 11.188 min
Delta R.T.: 0.014 min
Response: 3204126
Conc: 20.77 ug/ml



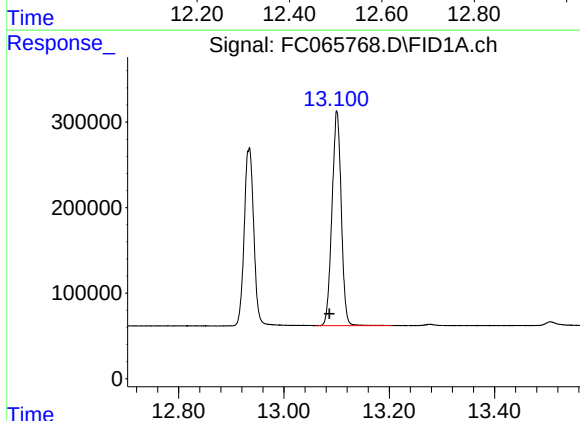
#9 ortho-Terphenyl (SURR)

R.T.: 11.502 min
Delta R.T.: 0.014 min
Response: 3495570
Conc: 20.38 ug/ml



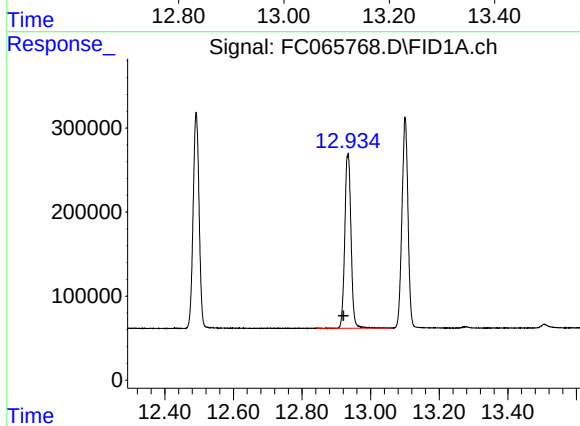
#10 n-Eicosane (C20)

R.T.: 12.491 min
Delta R.T.: 0.013 min
Response: 3101176
Conc: 20.62 ug/ml



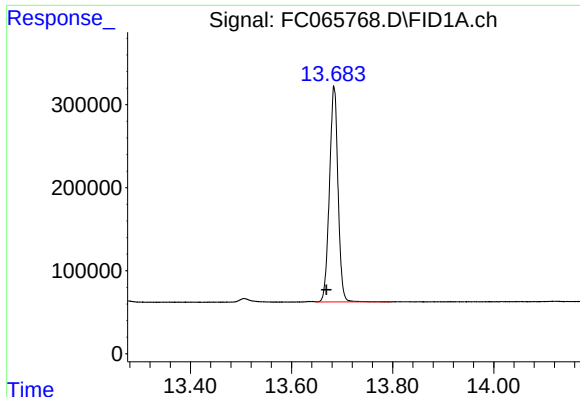
#11 n-Heneicosane (C21)

R.T.: 13.101 min
Delta R.T.: 0.014 min
Response: 3066231
Conc: 20.50 ug/ml



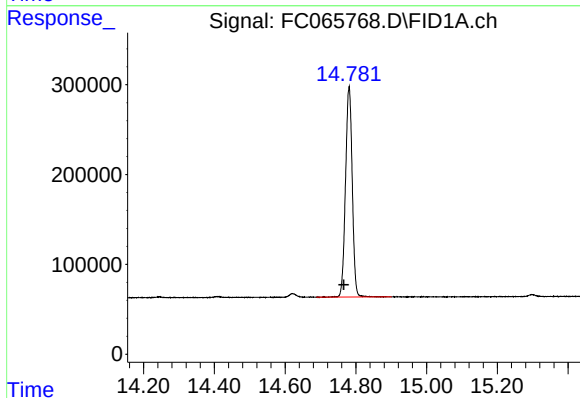
#12 1-chlorooctadecane (SURR)

R.T.: 12.934 min
Delta R.T.: 0.014 min
Response: 2623590
Conc: 20.85 ug/ml



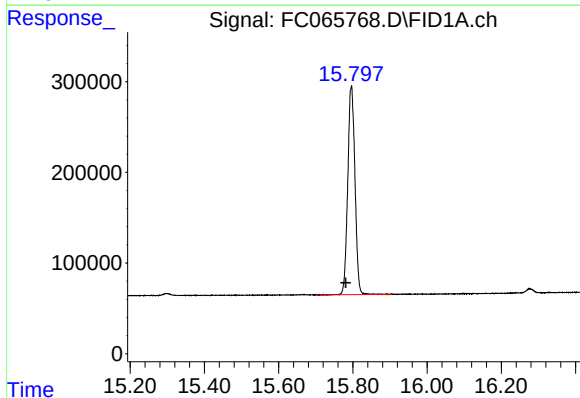
#13 n-Docosane (C22)

R.T.: 13.684 min
Delta R.T.: 0.015 min
Response: 3061811
Conc: 20.64 ug/ml



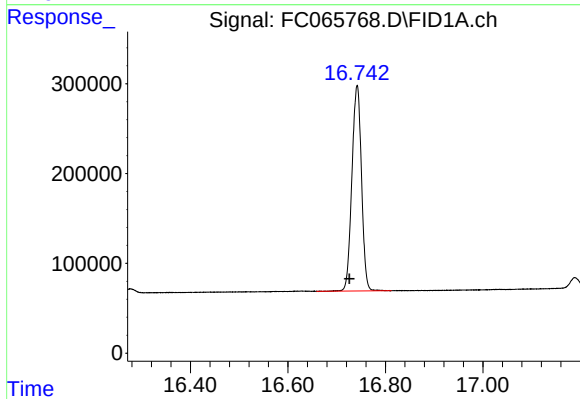
#14 n-Tetracosane (C24)

R.T.: 14.781 min
Delta R.T.: 0.015 min
Response: 3094981
Conc: 20.82 ug/ml



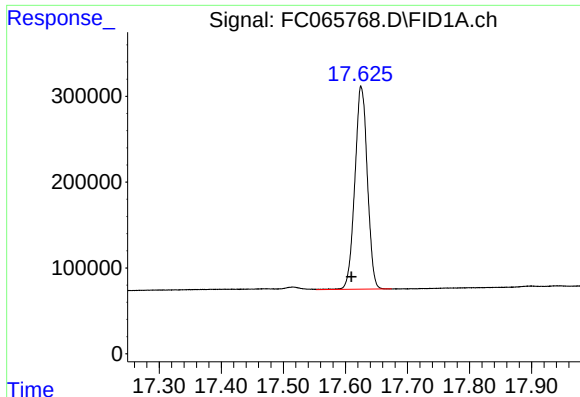
#15 n-Hexacosane (C26)

R.T.: 15.796 min
Delta R.T.: 0.015 min
Response: 3095479
Conc: 20.89 ug/ml



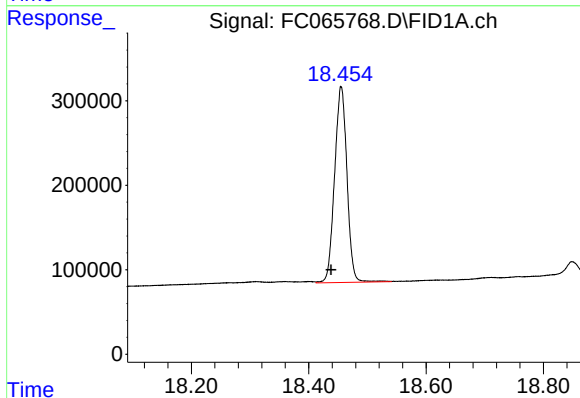
#16 n-Octacosane (C28)

R.T.: 16.742 min
Delta R.T.: 0.016 min
Response: 3132184
Conc: 21.35 ug/ml



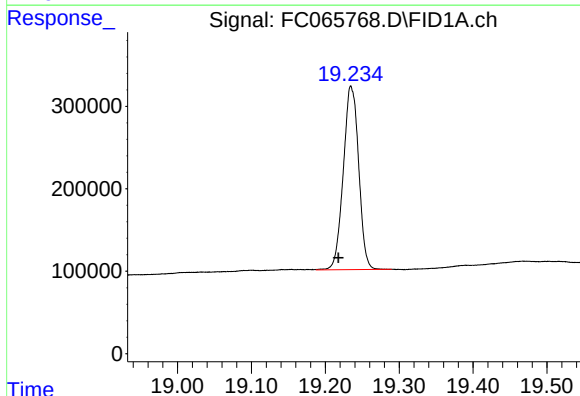
#17 n-Tricontane (C30)

R.T.: 17.626 min
Delta R.T.: 0.016 min
Response: 3313715
Conc: 22.07 ug/ml



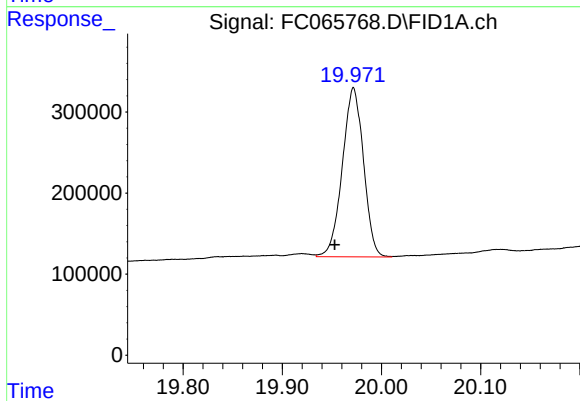
#18 n-Dotriacontane (C32)

R.T.: 18.455 min
Delta R.T.: 0.017 min
Response: 3398704
Conc: 22.98 ug/ml



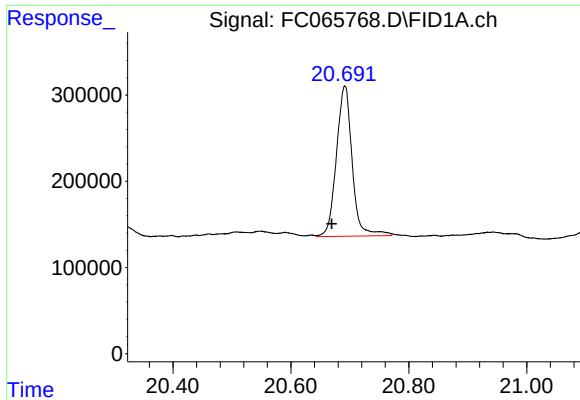
#19 n-Tetratriacontane (C34)

R.T.: 19.234 min
Delta R.T.: 0.017 min
Response: 3220331
Conc: 22.22 ug/ml m



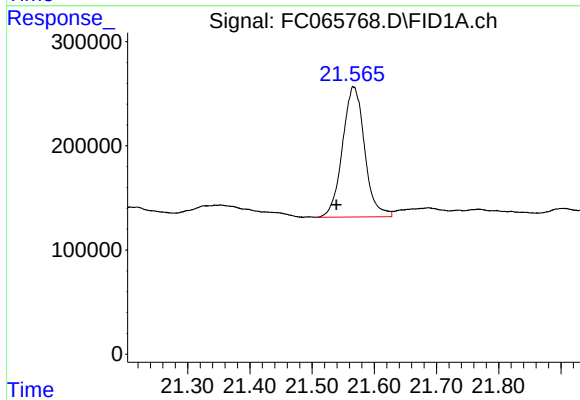
#20 n-Hexatriacontane (C36)

R.T.: 19.971 min
Delta R.T.: 0.019 min
Response: 3099106
Conc: 21.83 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.691 min
Delta R.T.: 0.022 min
Response: 3237376
Conc: 22.87 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.565 min
Delta R.T.: 0.026 min
Response: 3099872
Conc: 22.22 ug/ml m