

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021524AL\
 Data File : FC065758.D
 Signal(s) : FID1A.ch
 Acq On : 15 Feb 2024 10:48
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 16 03:34:52 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)	11.498	3510280	20.464 ug/ml
Spiked Amount 50.000		Recovery =	40.93%
12) S 1-chlorooctadecane (S...	12.928	2627757	20.880 ug/ml
Spiked Amount 50.000		Recovery =	41.76%
Target Compounds			
1) T n-Nonane (C9)	3.290	3075598	20.472 ug/ml
2) T n-Decane (C10)	4.353	3096310	20.365 ug/ml
3) T A~Naphthalene (C11.7)	5.940	3417494	22.161 ug/ml
4) T n-Dodecane (C12)	6.366	3229639	21.102 ug/ml
5) T A~2-methylnaphthalene...	6.994	3134186	22.010 ug/ml
6) T n-Tetradecane (C14)	8.155	3132270	21.098 ug/ml
7) T n-Hexadecane (C16)	9.749	3186276	21.247 ug/ml
8) T n-Octadecane (C18)	11.184	3208338	20.799 ug/ml
10) T n-Eicosane (C20)	12.486	3101952	20.628 ug/ml
11) T n-Heneicosane (C21)	13.095	3074653	20.558 ug/ml
13) T n-Docosane (C22)	13.678	3070001	20.697 ug/ml
14) T n-Tetracosane (C24)	14.775	3083030	20.735 ug/ml
15) T n-Hexacosane (C26)	15.790	3060683	20.654 ug/ml
16) T n-Octacosane (C28)	16.736	3101086	21.135 ug/ml
17) T n-Tricontane (C30)	17.618	3261823	21.729 ug/ml
18) T n-Dotriacontane (C32)	18.446	3275199	22.147 ug/ml
19) T n-Tetratriacontane (C34)	19.226	3156253	21.776 ug/ml
20) T n-Hexatriacontane (C36)	19.962	3032161	21.362 ug/ml
21) T n-Octatriacontane (C38)	20.678	2951750	20.853 ug/ml
22) T n-Tetracontane (C40)	21.547	2865586	20.544 ug/ml

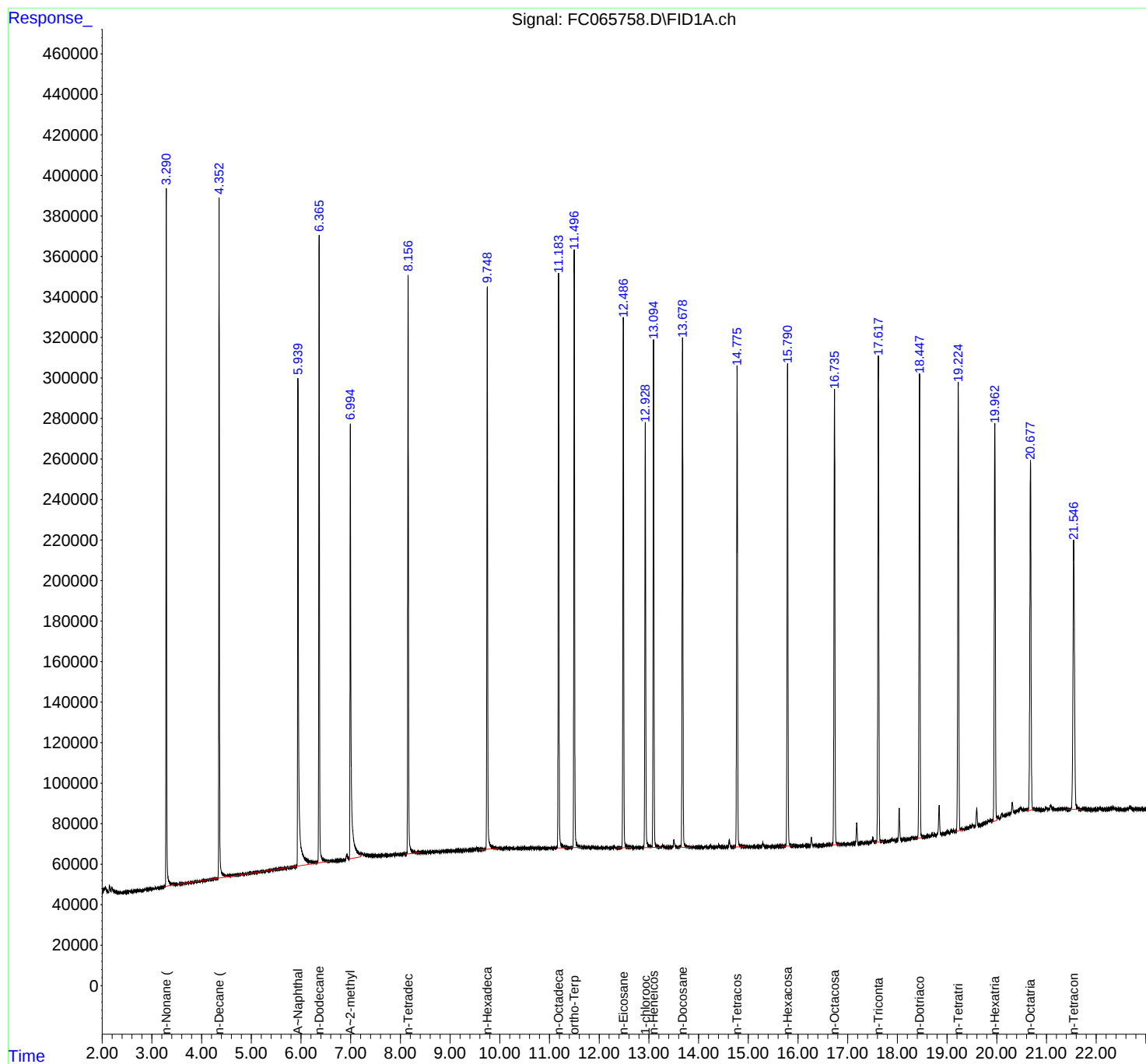
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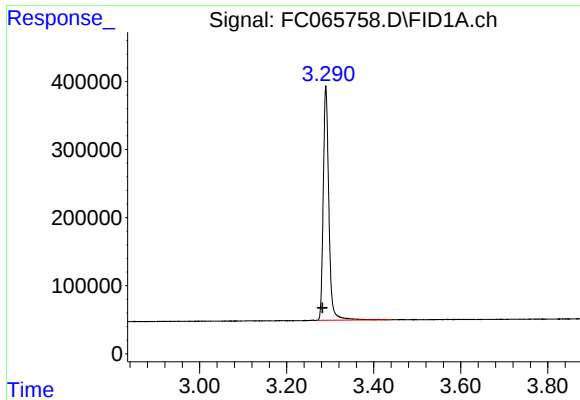
(m)=manual int.

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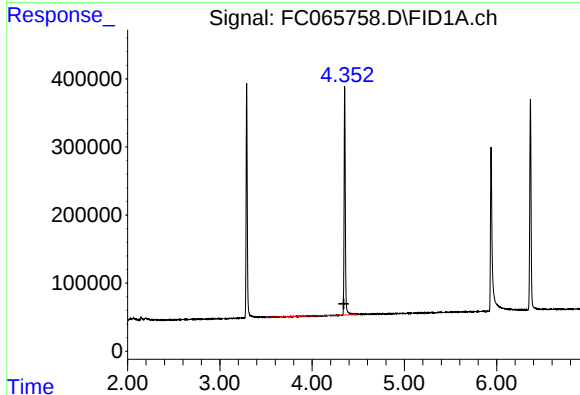
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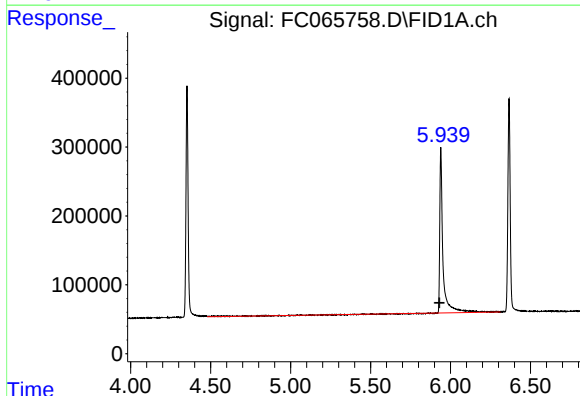
#1 n-Nonane (C9)

R.T.: 3.290 min
Delta R.T.: 0.008 min
Response: 3075598
Conc: 20.47 ug/ml



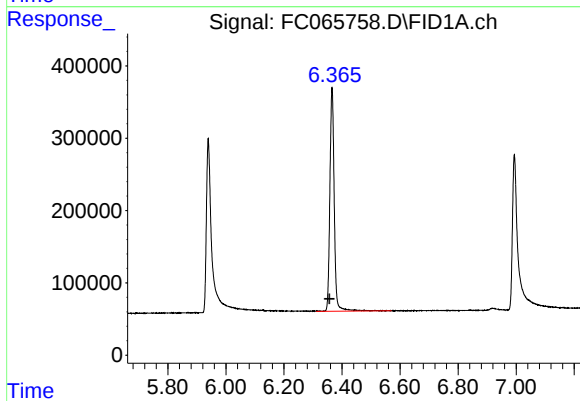
#2 n-Decane (C10)

R.T.: 4.353 min
Delta R.T.: 0.009 min
Response: 3096310
Conc: 20.36 ug/ml



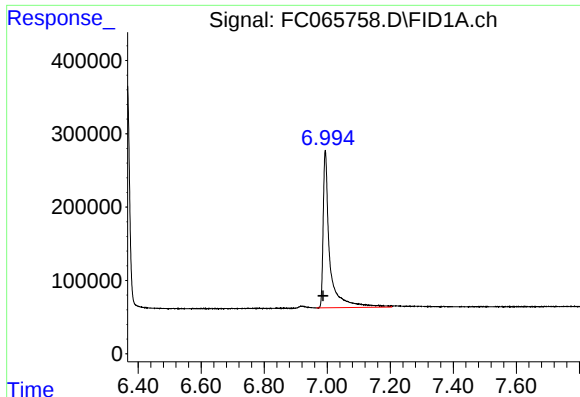
#3 A~Naphthalene (C11.7)

R.T.: 5.940 min
Delta R.T.: 0.008 min
Response: 3417494
Conc: 22.16 ug/ml



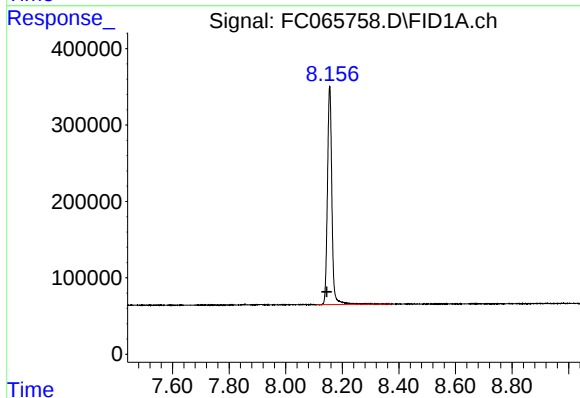
#4 n-Dodecane (C12)

R.T.: 6.366 min
Delta R.T.: 0.009 min
Response: 3229639
Conc: 21.10 ug/ml



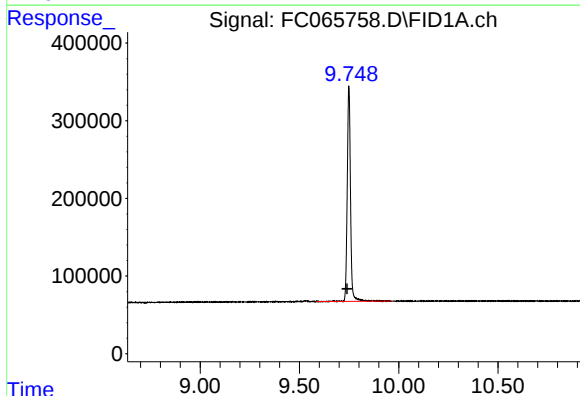
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.994 min
Delta R.T.: 0.007 min
Response: 3134186
Conc: 22.01 ug/ml



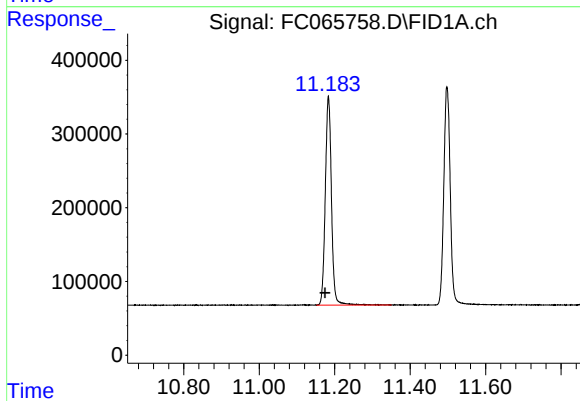
#6 n-Tetradecane (C14)

R.T.: 8.155 min
Delta R.T.: 0.010 min
Response: 3132270
Conc: 21.10 ug/ml



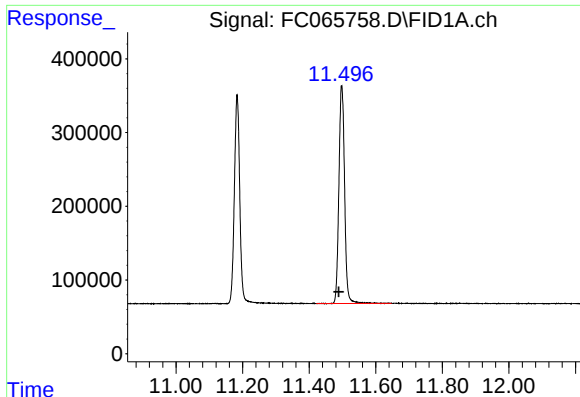
#7 n-Hexadecane (C16)

R.T.: 9.749 min
Delta R.T.: 0.009 min
Response: 3186276
Conc: 21.25 ug/ml



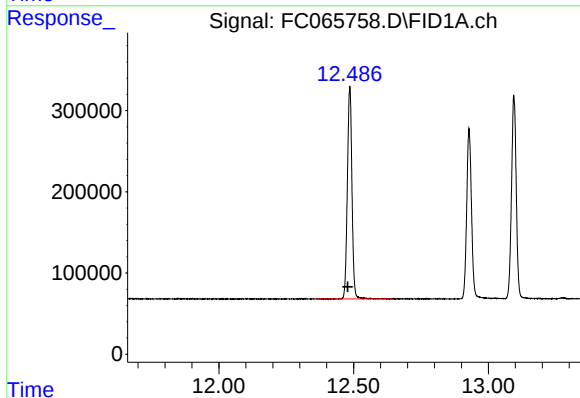
#8 n-Octadecane (C18)

R.T.: 11.184 min
Delta R.T.: 0.009 min
Response: 3208338
Conc: 20.80 ug/ml



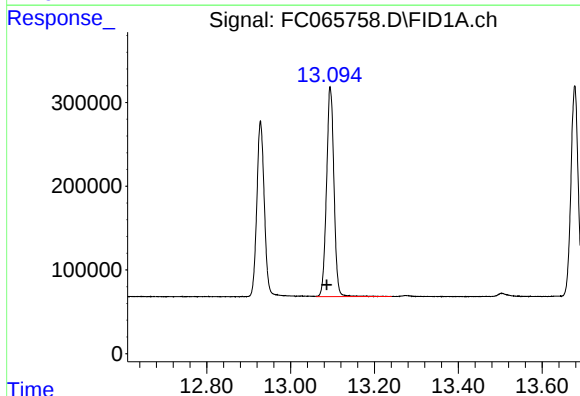
#9 ortho-Terphenyl (SURR)

R.T.: 11.498 min
Delta R.T.: 0.009 min
Response: 3510280
Conc: 20.46 ug/ml



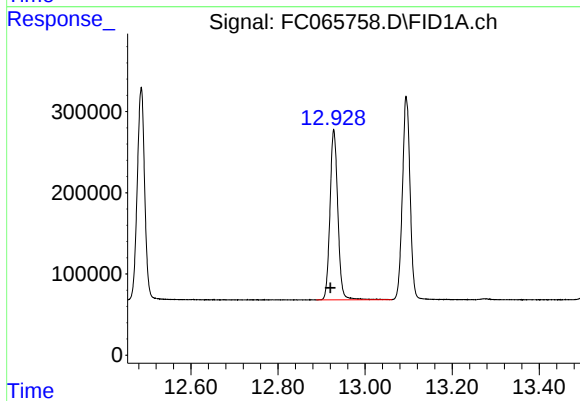
#10 n-Eicosane (C20)

R.T.: 12.486 min
Delta R.T.: 0.008 min
Response: 3101952
Conc: 20.63 ug/ml



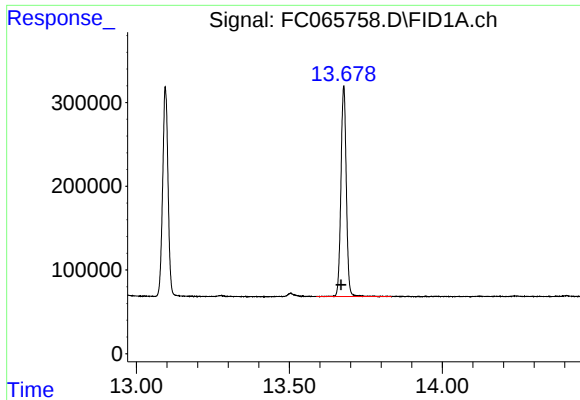
#11 n-Heneicosane (C21)

R.T.: 13.095 min
Delta R.T.: 0.009 min
Response: 3074653
Conc: 20.56 ug/ml



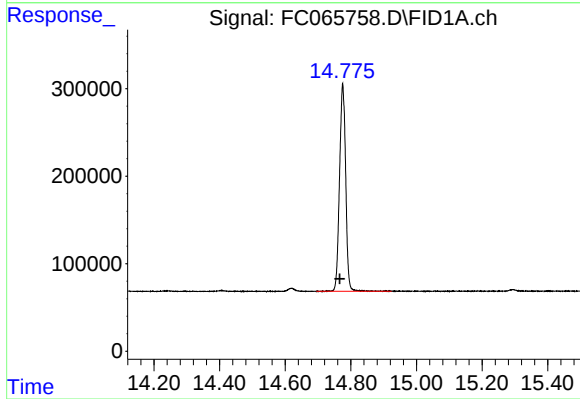
#12 1-chlorooctadecane (SURR)

R.T.: 12.928 min
Delta R.T.: 0.008 min
Response: 2627757
Conc: 20.88 ug/ml



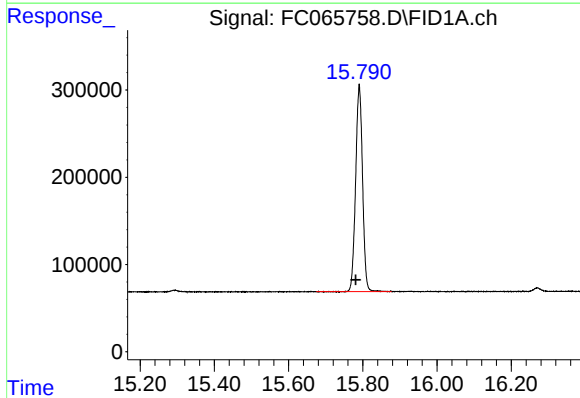
#13 n-Docosane (C22)

R.T.: 13.678 min
Delta R.T.: 0.009 min
Response: 3070001
Conc: 20.70 ug/ml



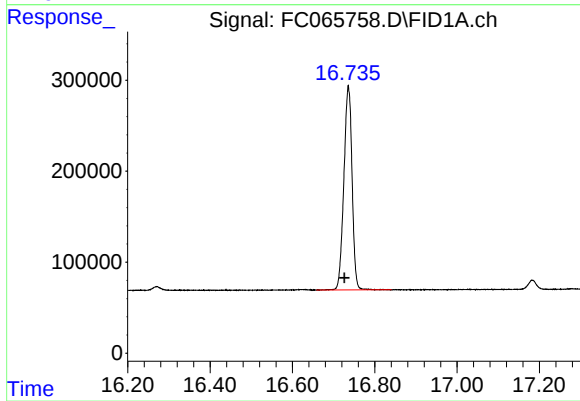
#14 n-Tetracosane (C24)

R.T.: 14.775 min
Delta R.T.: 0.010 min
Response: 3083030
Conc: 20.74 ug/ml



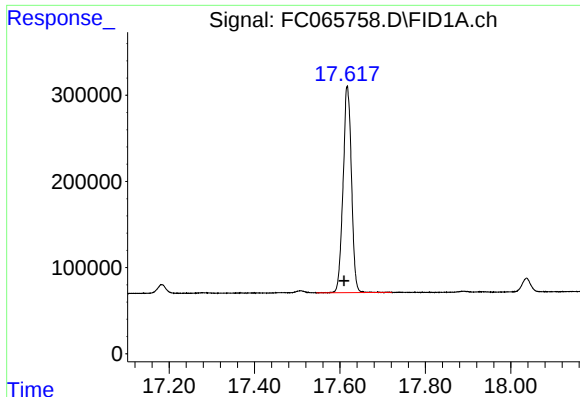
#15 n-Hexacosane (C26)

R.T.: 15.790 min
Delta R.T.: 0.009 min
Response: 3060683
Conc: 20.65 ug/ml



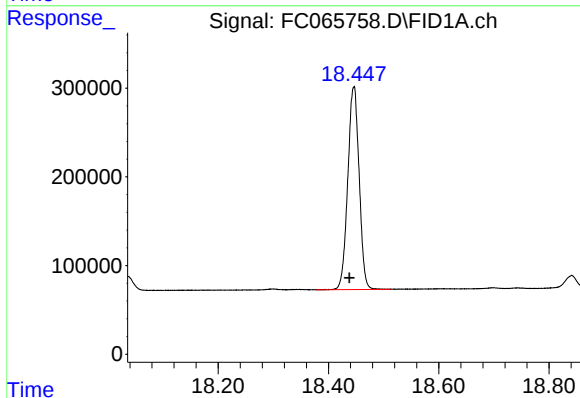
#16 n-Octacosane (C28)

R.T.: 16.736 min
Delta R.T.: 0.010 min
Response: 3101086
Conc: 21.13 ug/ml



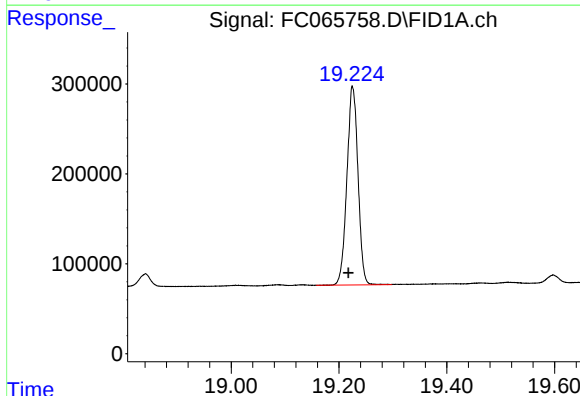
#17 n-Tricontane (C30)

R.T.: 17.618 min
Delta R.T.: 0.008 min
Response: 3261823
Conc: 21.73 ug/ml



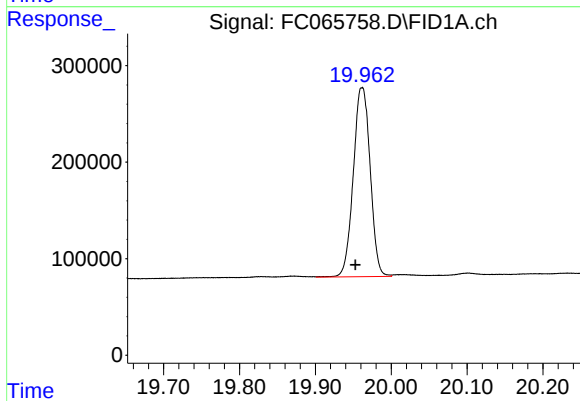
#18 n-Dotriacontane (C32)

R.T.: 18.446 min
Delta R.T.: 0.008 min
Response: 3275199
Conc: 22.15 ug/ml



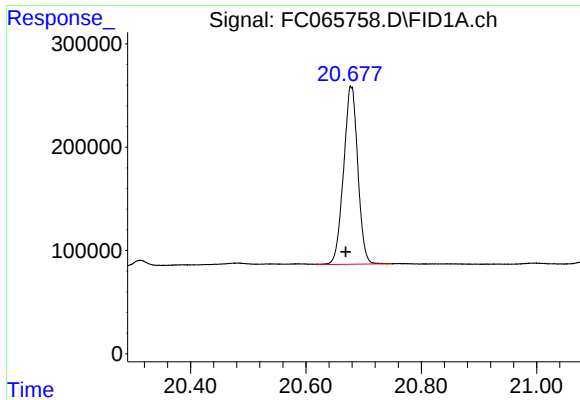
#19 n-Tetratriacontane (C34)

R.T.: 19.226 min
Delta R.T.: 0.008 min
Response: 3156253
Conc: 21.78 ug/ml



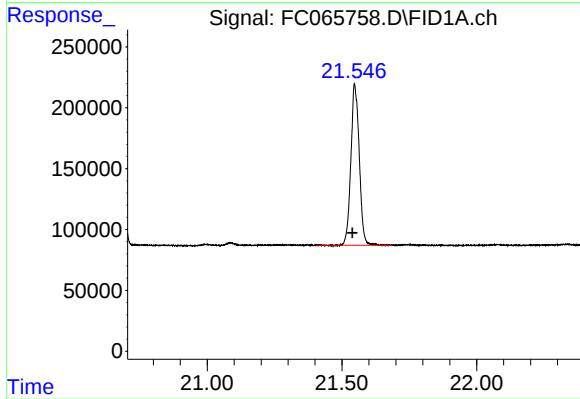
#20 n-Hexatriacontane (C36)

R.T.: 19.962 min
Delta R.T.: 0.009 min
Response: 3032161
Conc: 21.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.678 min
Delta R.T.: 0.009 min
Response: 2951750
Conc: 20.85 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.547 min
Delta R.T.: 0.008 min
Response: 2865586
Conc: 20.54 ug/ml