

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020724AL\
 Data File : FC065656.D
 Signal(s) : FID1A.ch
 Acq On : 07 Feb 2024 08:40
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 07 12:14:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:12:33 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)	11.488	3592531	19.755 ug/ml
Spiked Amount 50.000		Recovery =	39.51%
12) S 1-chlorooctadecane (S...	12.921	2653065	19.682 ug/ml
Spiked Amount 50.000		Recovery =	39.36%
Target Compounds			
1) T n-Nonane (C9)	3.281	3178533	20.347 ug/ml
2) T n-Decane (C10)	4.345	3234293	20.445 ug/ml
3) T A~Naphthalene (C11.7)	5.931	3295394	19.706 ug/ml
4) T n-Dodecane (C12)	6.358	3276900	20.424 ug/ml
5) T A~2-methylnaphthalene...	6.986	3118821	20.211 ug/ml
6) T n-Tetradecane (C14)	8.146	3172897	20.230 ug/ml
7) T n-Hexadecane (C16)	9.741	3204272	20.036 ug/ml
8) T n-Octadecane (C18)	11.176	3262373	19.918 ug/ml
10) T n-Eicosane (C20)	12.478	3160403	19.842 ug/ml
11) T n-Heneicosane (C21)	13.087	3117419	19.869 ug/ml
13) T n-Docosane (C22)	13.670	3102354	19.870 ug/ml
14) T n-Tetracosane (C24)	14.765	3100787	19.950 ug/ml
15) T n-Hexacosane (C26)	15.782	3082428	20.079 ug/ml
16) T n-Octacosane (C28)	16.727	3065798	20.340 ug/ml
17) T n-Tricontane (C30)	17.610	3144543	20.589 ug/ml
18) T n-Dotriacontane (C32)	18.439	3109547	20.651 ug/ml
19) T n-Tetratriacontane (C34)	19.218	3035316	21.140 ug/ml
20) T n-Hexatriacontane (C36)	19.955	2939751	21.340 ug/ml
21) T n-Octatriacontane (C38)	20.671	2924104	21.135 ug/ml
22) T n-Tetracontane (C40)	21.538	2909638	21.028 ug/ml

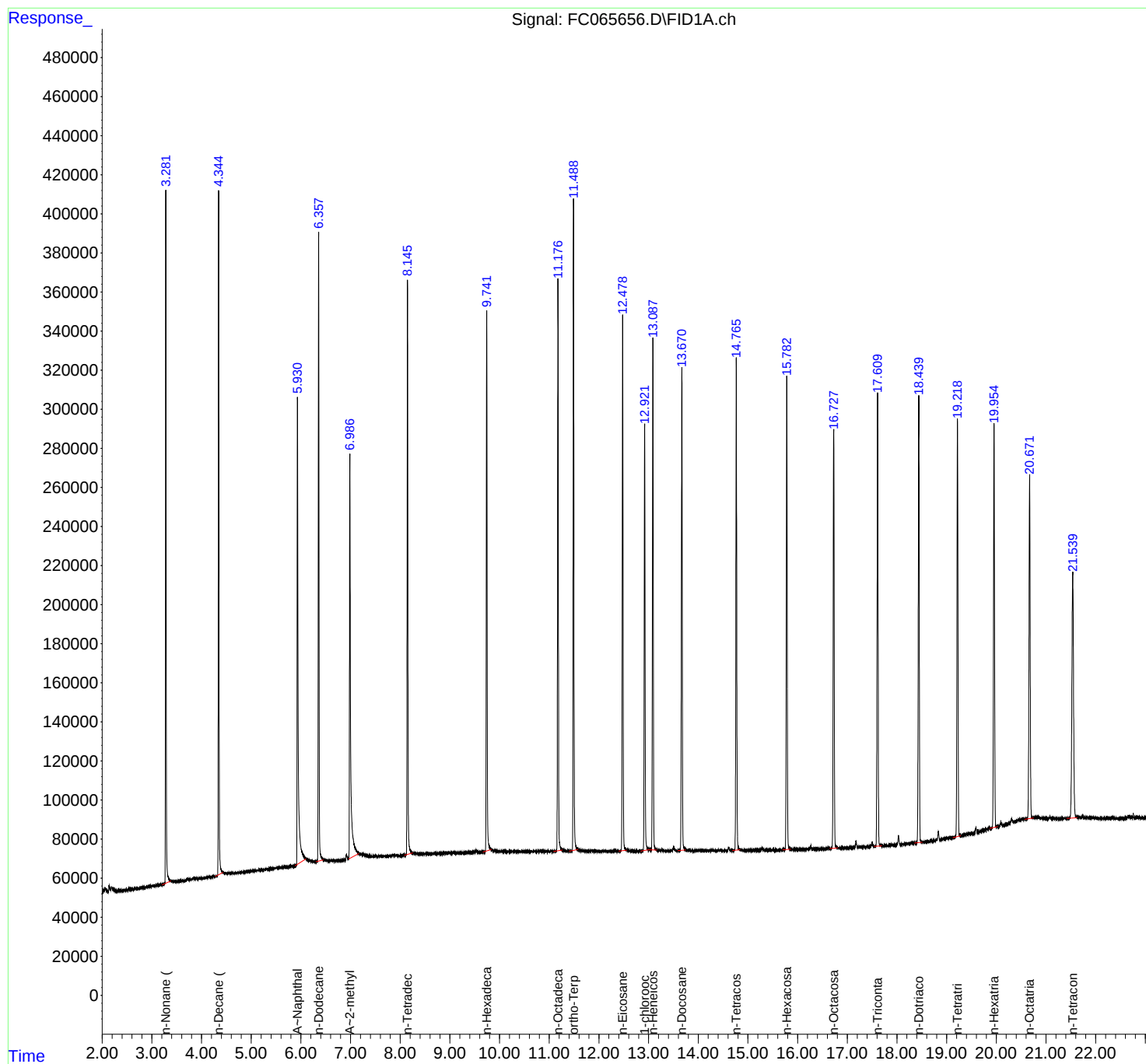
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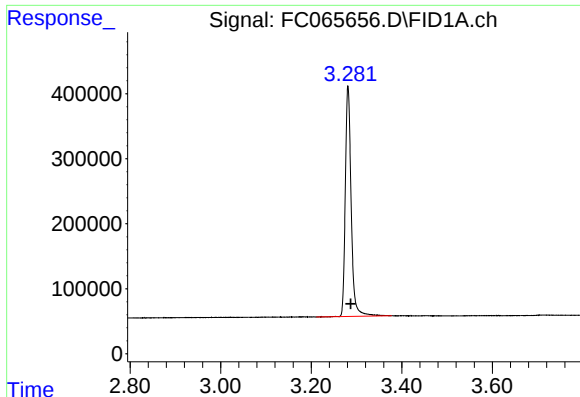
(m)=manual int.

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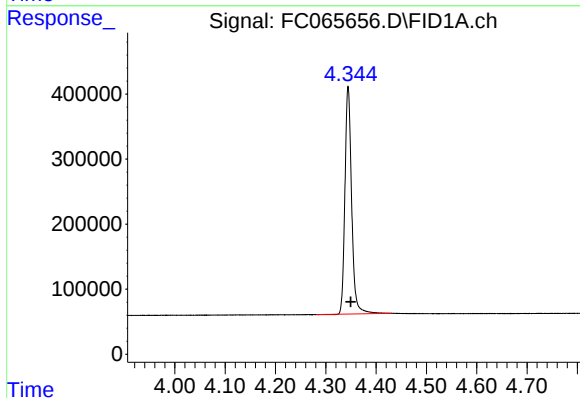
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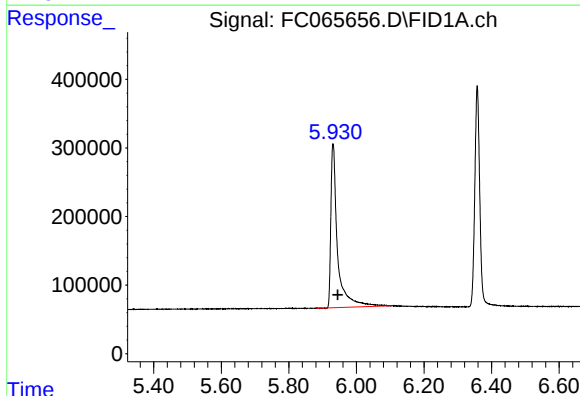
#1 n-Nonane (C9)

R.T.: 3.281 min
Delta R.T.: -0.006 min
Response: 3178533
Conc: 20.35 ug/ml



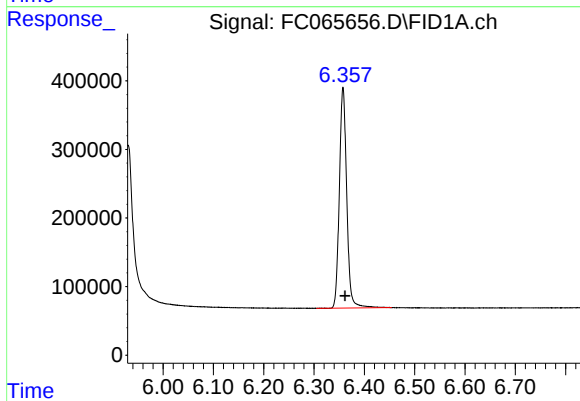
#2 n-Decane (C10)

R.T.: 4.345 min
Delta R.T.: -0.005 min
Response: 3234293
Conc: 20.44 ug/ml



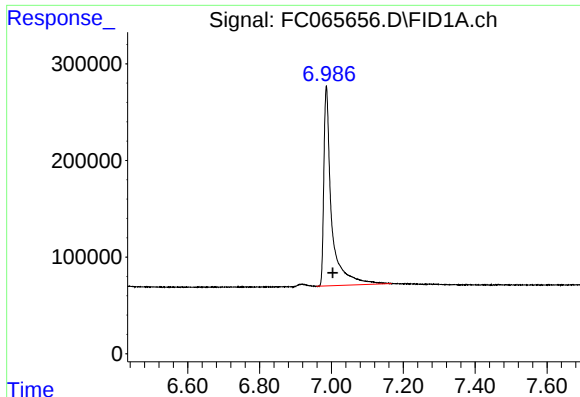
#3 A~Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: -0.014 min
Response: 3295394
Conc: 19.71 ug/ml



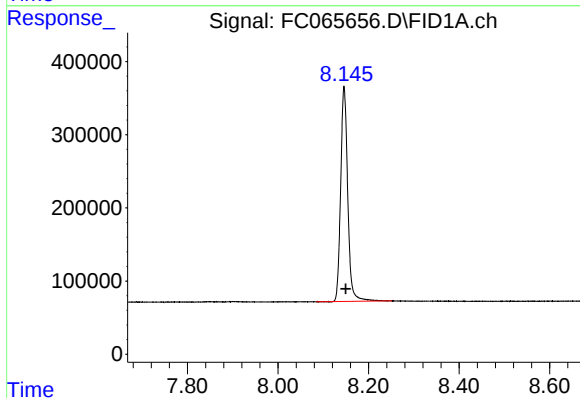
#4 n-Dodecane (C12)

R.T.: 6.358 min
Delta R.T.: -0.004 min
Response: 3276900
Conc: 20.42 ug/ml



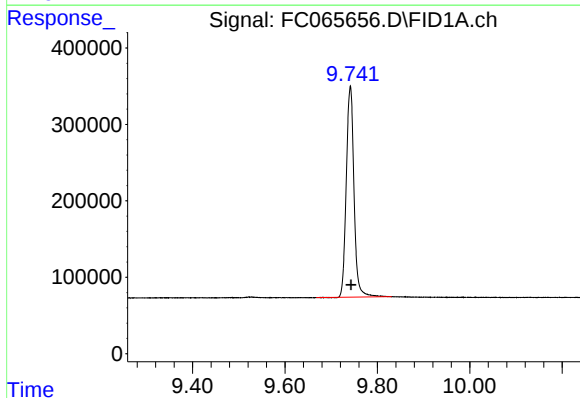
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.986 min
Delta R.T.: -0.017 min
Response: 3118821
Conc: 20.21 ug/ml



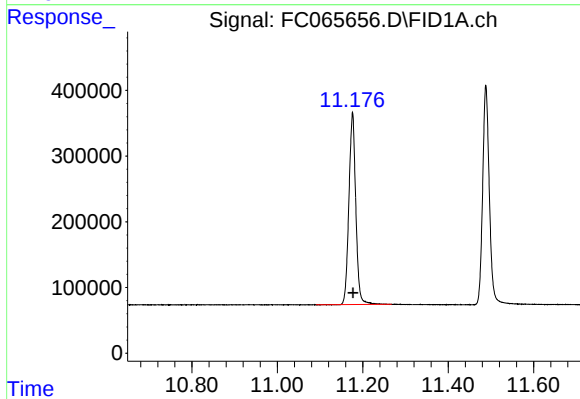
#6 n-Tetradecane (C14)

R.T.: 8.146 min
Delta R.T.: -0.004 min
Response: 3172897
Conc: 20.23 ug/ml



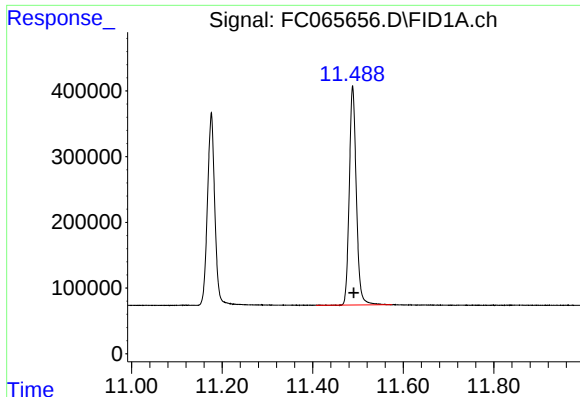
#7 n-Hexadecane (C16)

R.T.: 9.741 min
Delta R.T.: -0.002 min
Response: 3204272
Conc: 20.04 ug/ml



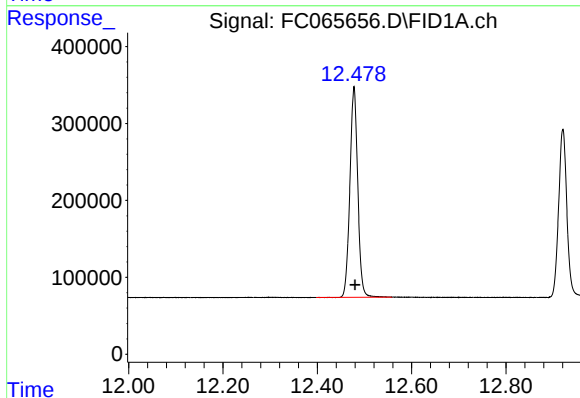
#8 n-Octadecane (C18)

R.T.: 11.176 min
Delta R.T.: -0.001 min
Response: 3262373
Conc: 19.92 ug/ml



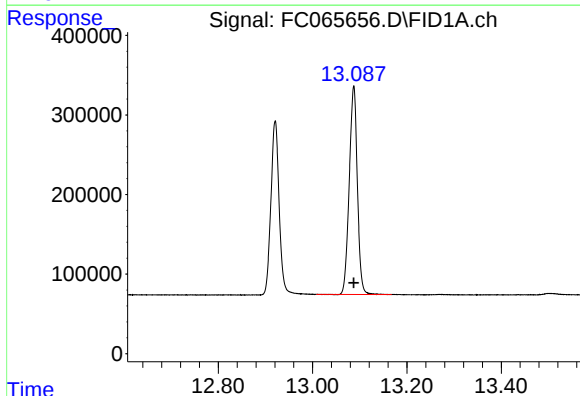
#9 ortho-Terphenyl (SURR)

R.T.: 11.488 min
Delta R.T.: -0.002 min
Response: 3592531
Conc: 19.76 ug/ml



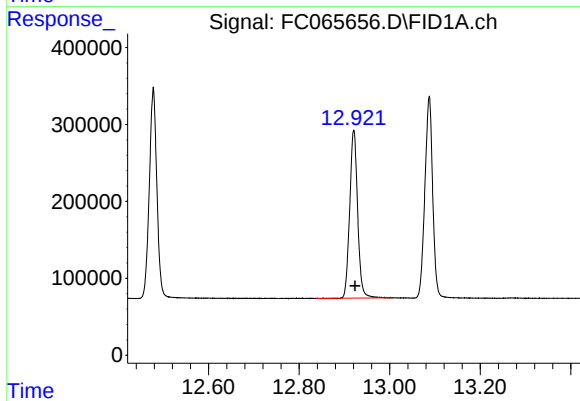
#10 n-Eicosane (C20)

R.T.: 12.478 min
Delta R.T.: -0.002 min
Response: 3160403
Conc: 19.84 ug/ml



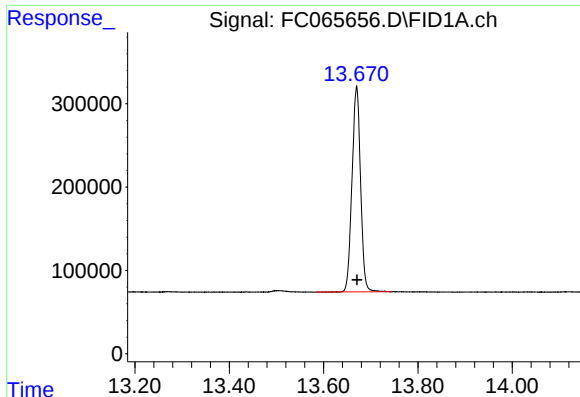
#11 n-Heneicosane (C21)

R.T.: 13.087 min
Delta R.T.: 0.000 min
Response: 3117419
Conc: 19.87 ug/ml



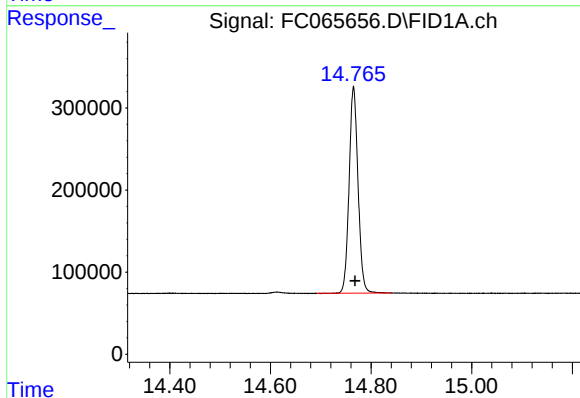
#12 1-chlorooctadecane (SURR)

R.T.: 12.921 min
Delta R.T.: -0.003 min
Response: 2653065
Conc: 19.68 ug/ml



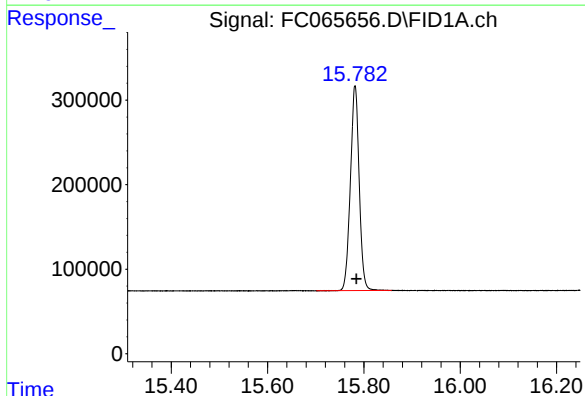
#13 n-Docosane (C22)

R.T.: 13.670 min
Delta R.T.: -0.001 min
Response: 3102354
Conc: 19.87 ug/ml



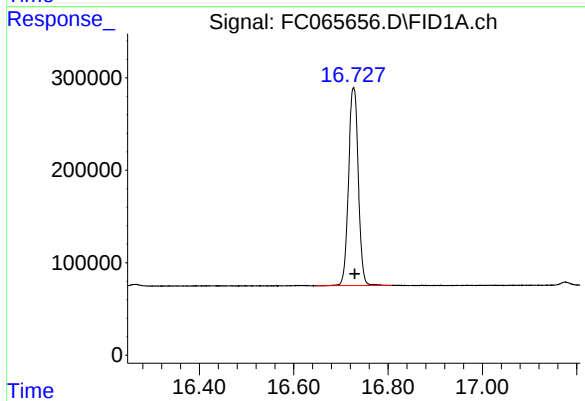
#14 n-Tetracosane (C24)

R.T.: 14.765 min
Delta R.T.: -0.003 min
Response: 3100787
Conc: 19.95 ug/ml



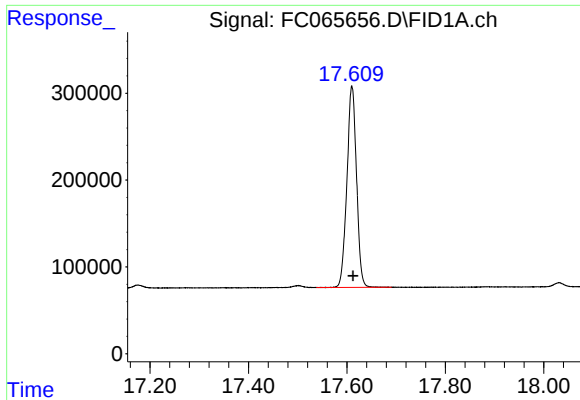
#15 n-Hexacosane (C26)

R.T.: 15.782 min
Delta R.T.: -0.003 min
Response: 3082428
Conc: 20.08 ug/ml



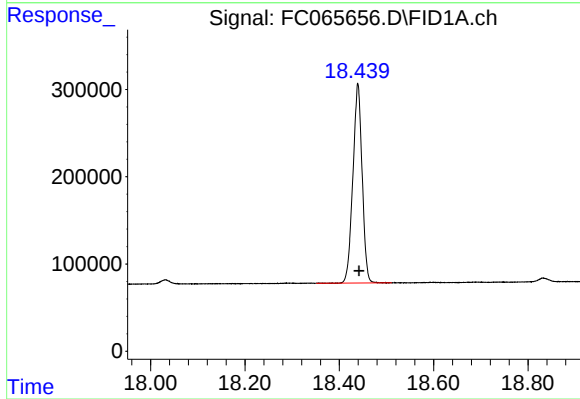
#16 n-Octacosane (C28)

R.T.: 16.727 min
Delta R.T.: -0.002 min
Response: 3065798
Conc: 20.34 ug/ml



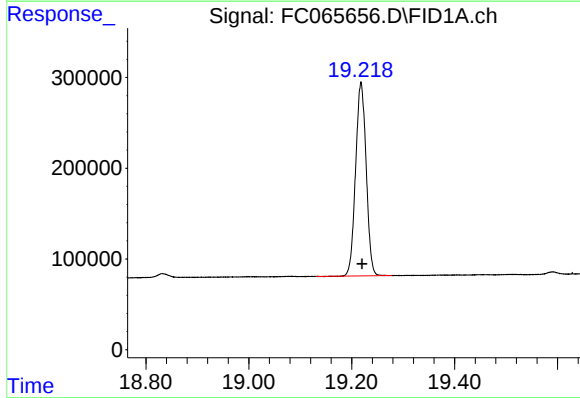
#17 n-Tricontane (C30)

R.T.: 17.610 min
Delta R.T.: -0.002 min
Response: 3144543
Conc: 20.59 ug/ml



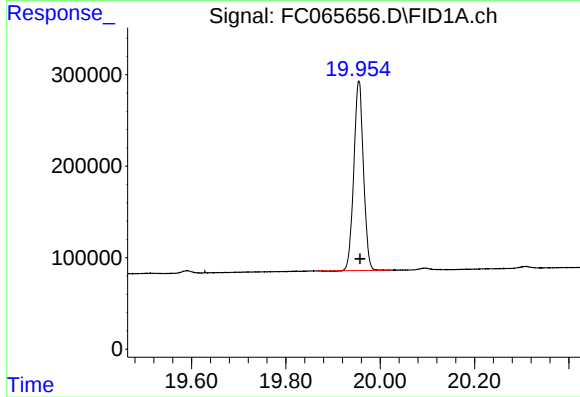
#18 n-Dotriacontane (C32)

R.T.: 18.439 min
Delta R.T.: -0.002 min
Response: 3109547
Conc: 20.65 ug/ml



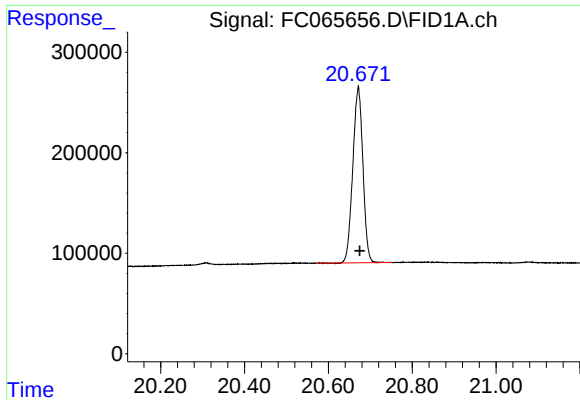
#19 n-Tetratriacontane (C34)

R.T.: 19.218 min
Delta R.T.: -0.002 min
Response: 3035316
Conc: 21.14 ug/ml



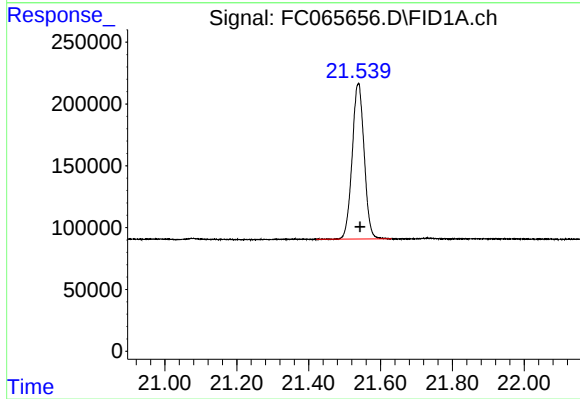
#20 n-Hexatriacontane (C36)

R.T.: 19.955 min
Delta R.T.: -0.003 min
Response: 2939751
Conc: 21.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.671 min
Delta R.T.: -0.004 min
Response: 2924104
Conc: 21.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.538 min
Delta R.T.: -0.005 min
Response: 2909638
Conc: 21.03 ug/ml