

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020624AL\
 Data File : FC065653.D
 Signal(s) : FID1A.ch
 Acq On : 06 Feb 2024 15:22
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 07 01:08:45 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)	11.490	3591764	19.751 ug/ml
Spiked Amount 50.000		Recovery =	39.50%
12) S 1-chlorooctadecane (S...	12.921	2669656	19.805 ug/ml
Spiked Amount 50.000		Recovery =	39.61%
Target Compounds			
1) T n-Nonane (C9)	3.282	3179517	20.354 ug/ml
2) T n-Decane (C10)	4.345	3241281	20.489 ug/ml
3) T A~Naphthalene (C11.7)	5.931	3265064	19.524 ug/ml
4) T n-Dodecane (C12)	6.358	3248203	20.245 ug/ml
5) T A~2-methylnaphthalene...	6.987	3116508	20.196 ug/ml
6) T n-Tetradecane (C14)	8.147	3159621	20.145 ug/ml
7) T n-Hexadecane (C16)	9.742	3196529	19.988 ug/ml
8) T n-Octadecane (C18)	11.177	3246603	19.822 ug/ml
10) T n-Eicosane (C20)	12.478	3163903	19.864 ug/ml
11) T n-Heneicosane (C21)	13.087	3124540	19.915 ug/ml
13) T n-Docosane (C22)	13.671	3110940	19.925 ug/ml
14) T n-Tetracosane (C24)	14.767	3113932	20.034 ug/ml
15) T n-Hexacosane (C26)	15.783	3088224	20.117 ug/ml
16) T n-Octacosane (C28)	16.729	3069232	20.363 ug/ml
17) T n-Tricontane (C30)	17.612	3139603	20.557 ug/ml
18) T n-Dotriacontane (C32)	18.440	3114400	20.684 ug/ml
19) T n-Tetratriacontane (C34)	19.221	3024841	21.067 ug/ml
20) T n-Hexatriacontane (C36)	19.958	2965978	21.531 ug/ml
21) T n-Octatriacontane (C38)	20.672	2951963	21.336 ug/ml
22) T n-Tetracontane (C40)	21.544	2870308	20.744 ug/ml

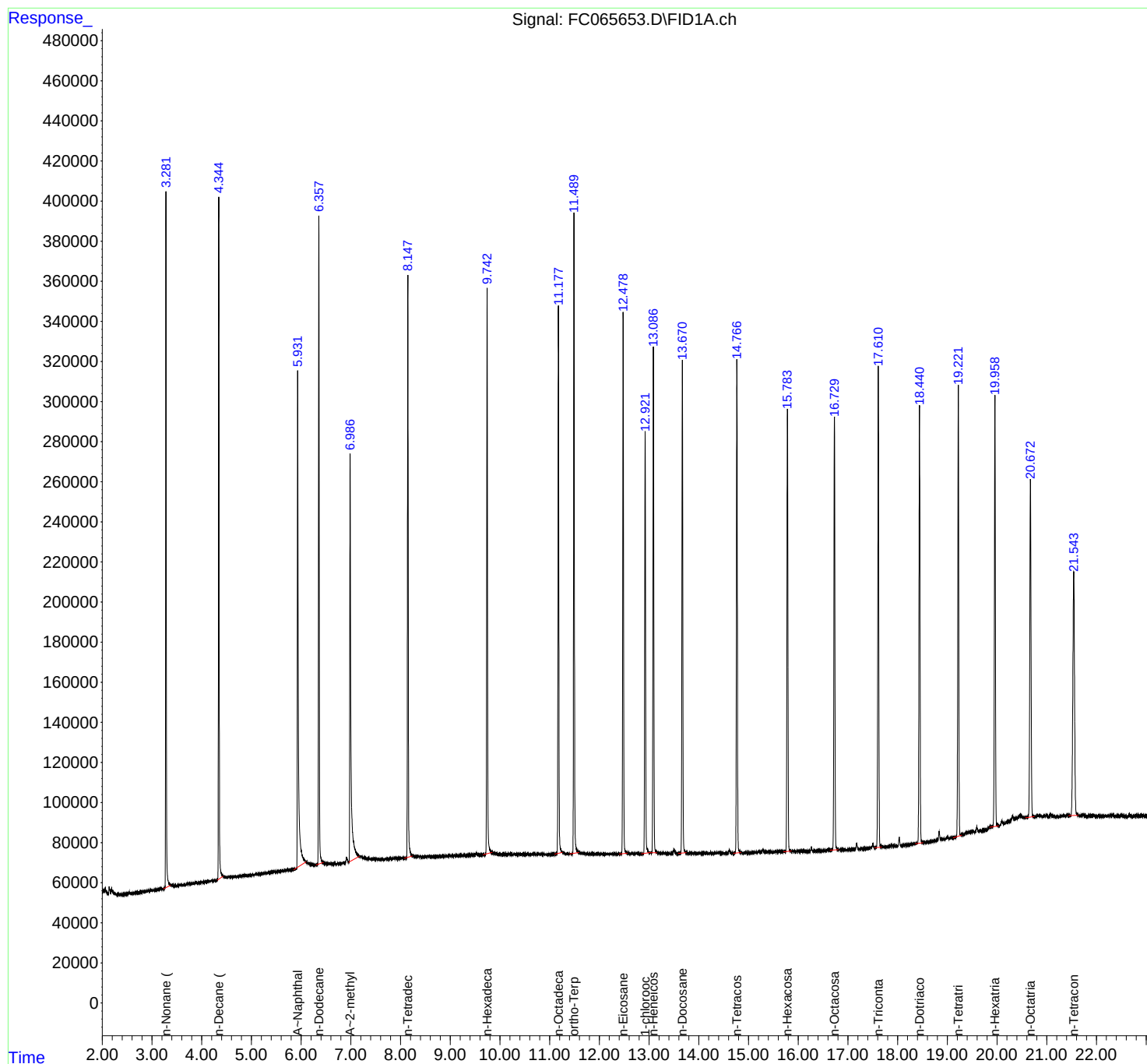
(f)=RT Delta > 1/2 Window

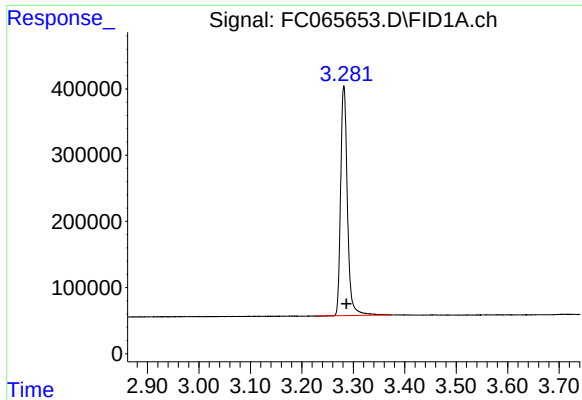
(m)=manual int.

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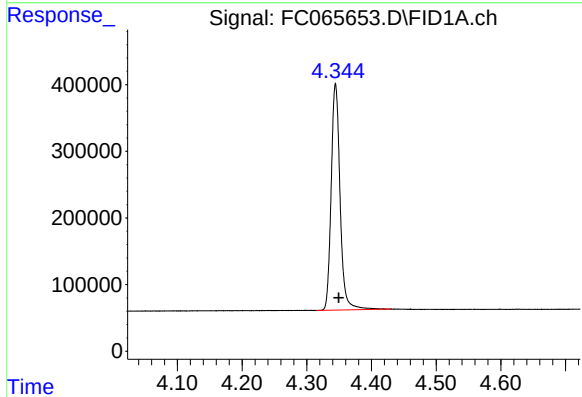
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Signal Info : 20M x 0.18mm x 0.18um





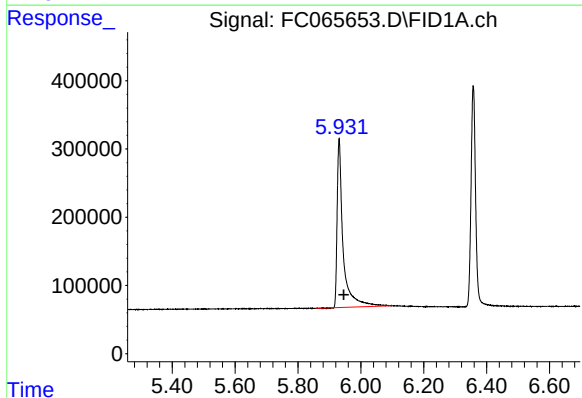
#1 n-Nonane (C9)

R.T.: 3.282 min
Delta R.T.: -0.005 min
Response: 3179517
Conc: 20.35 ug/ml



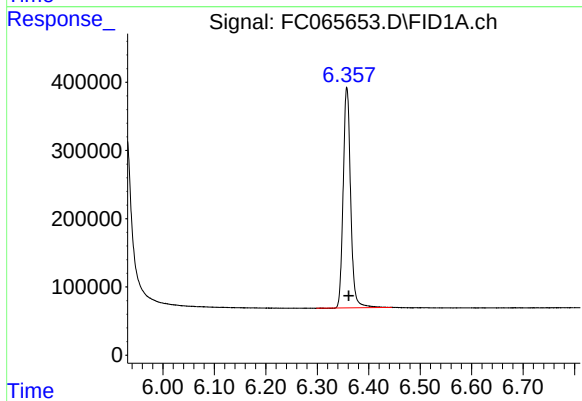
#2 n-Decane (C10)

R.T.: 4.345 min
Delta R.T.: -0.005 min
Response: 3241281
Conc: 20.49 ug/ml



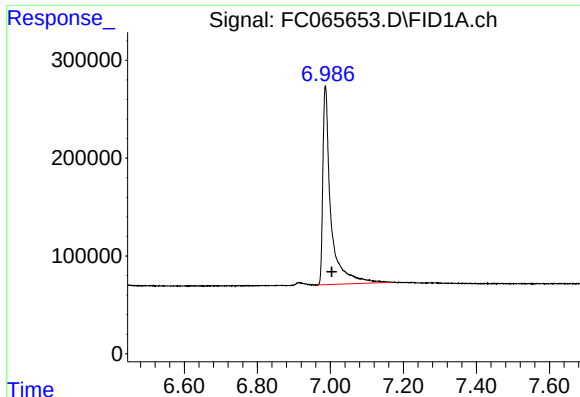
#3 A~Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: -0.014 min
Response: 3265064
Conc: 19.52 ug/ml



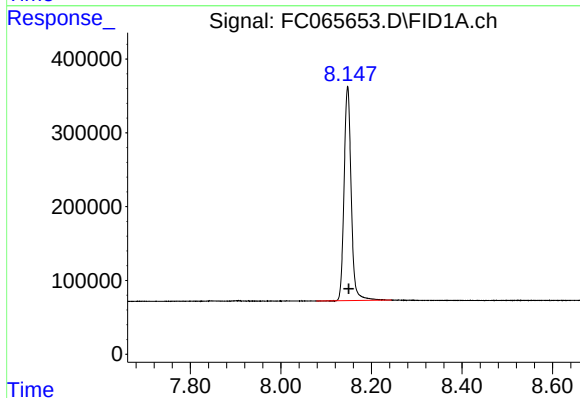
#4 n-Dodecane (C12)

R.T.: 6.358 min
Delta R.T.: -0.004 min
Response: 3248203
Conc: 20.25 ug/ml



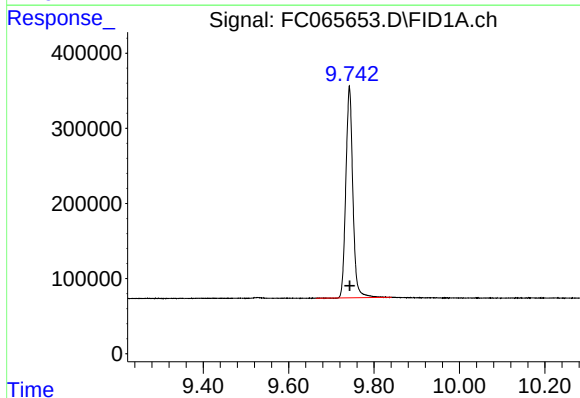
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.987 min
Delta R.T.: -0.017 min
Response: 3116508
Conc: 20.20 ug/ml



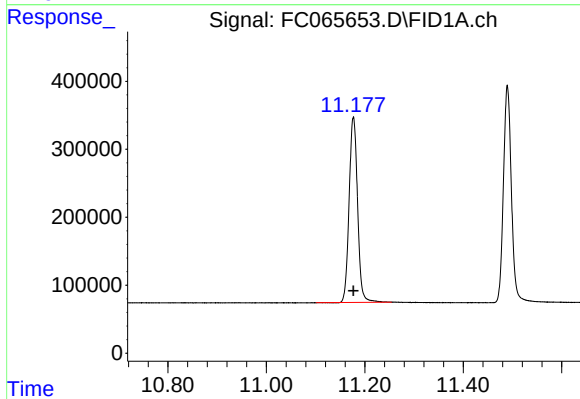
#6 n-Tetradecane (C14)

R.T.: 8.147 min
Delta R.T.: -0.003 min
Response: 3159621
Conc: 20.15 ug/ml



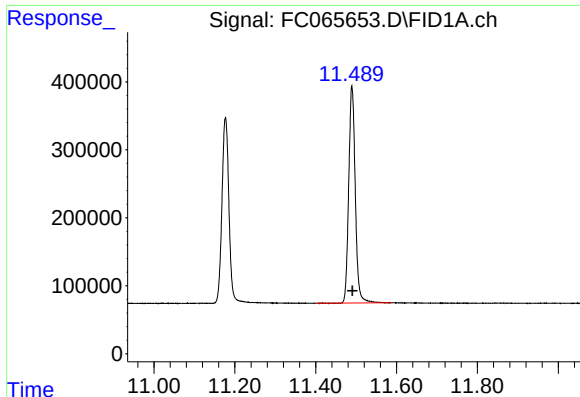
#7 n-Hexadecane (C16)

R.T.: 9.742 min
Delta R.T.: -0.001 min
Response: 3196529
Conc: 19.99 ug/ml



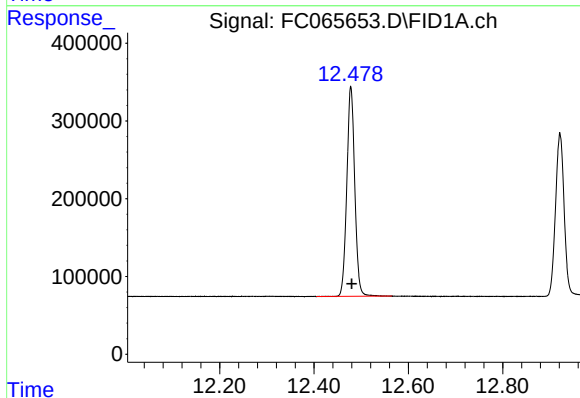
#8 n-Octadecane (C18)

R.T.: 11.177 min
Delta R.T.: 0.000 min
Response: 3246603
Conc: 19.82 ug/ml



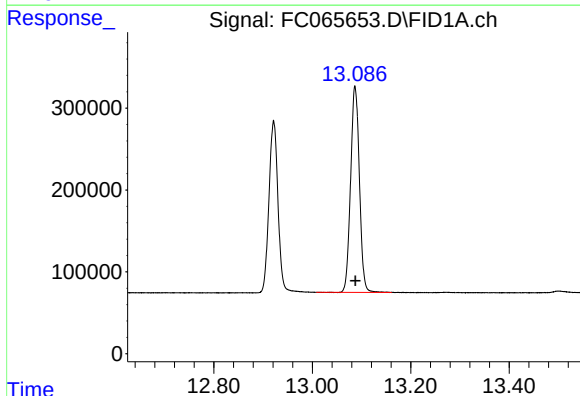
#9 ortho-Terphenyl (SURR)

R.T.: 11.490 min
Delta R.T.: 0.000 min
Response: 3591764
Conc: 19.75 ug/ml



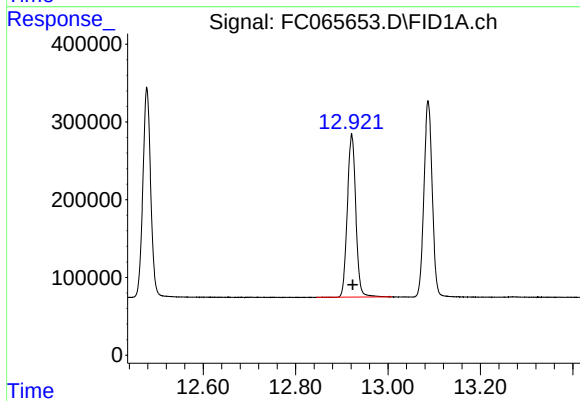
#10 n-Eicosane (C20)

R.T.: 12.478 min
Delta R.T.: -0.002 min
Response: 3163903
Conc: 19.86 ug/ml



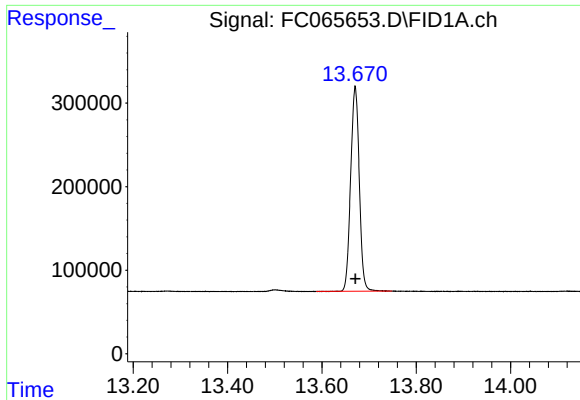
#11 n-Heneicosane (C21)

R.T.: 13.087 min
Delta R.T.: 0.000 min
Response: 3124540
Conc: 19.91 ug/ml



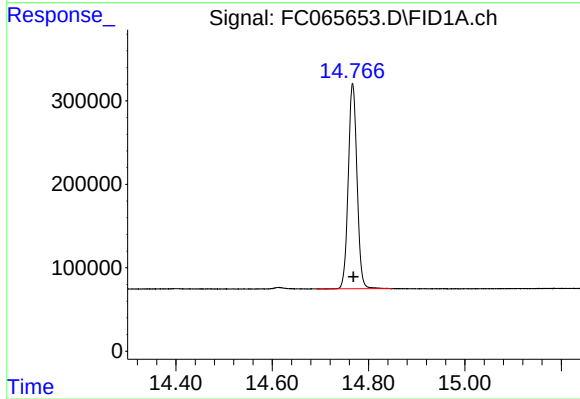
#12 1-chlorooctadecane (SURR)

R.T.: 12.921 min
Delta R.T.: -0.002 min
Response: 2669656
Conc: 19.81 ug/ml



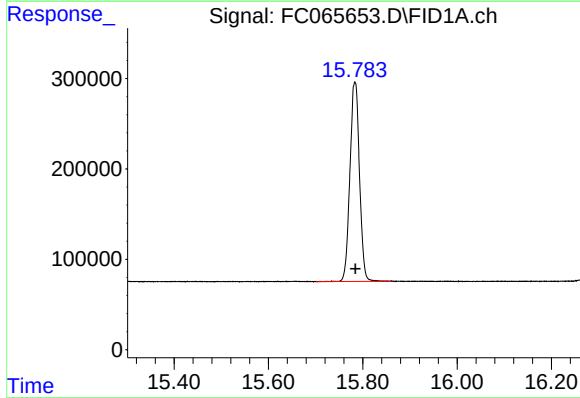
#13 n-Docosane (C22)

R.T.: 13.671 min
Delta R.T.: 0.000 min
Response: 3110940
Conc: 19.93 ug/ml



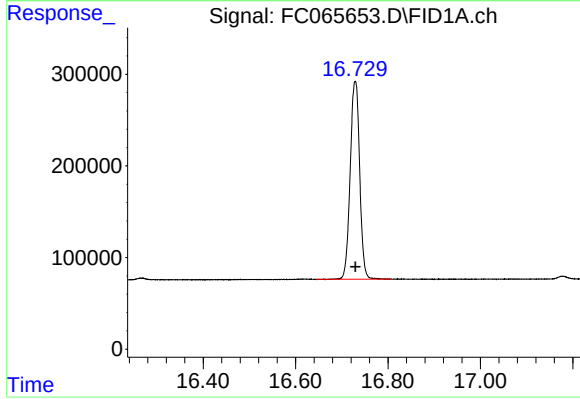
#14 n-Tetracosane (C24)

R.T.: 14.767 min
Delta R.T.: -0.002 min
Response: 3113932
Conc: 20.03 ug/ml



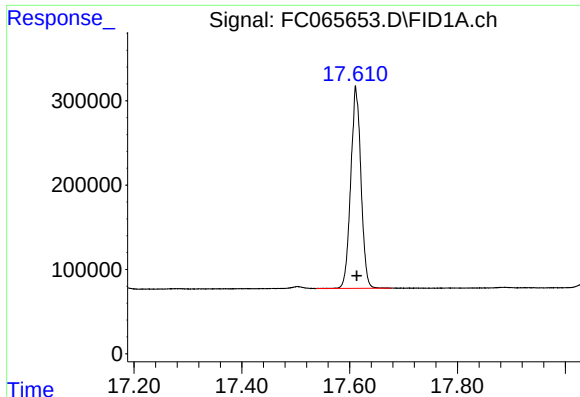
#15 n-Hexacosane (C26)

R.T.: 15.783 min
Delta R.T.: -0.001 min
Response: 3088224
Conc: 20.12 ug/ml



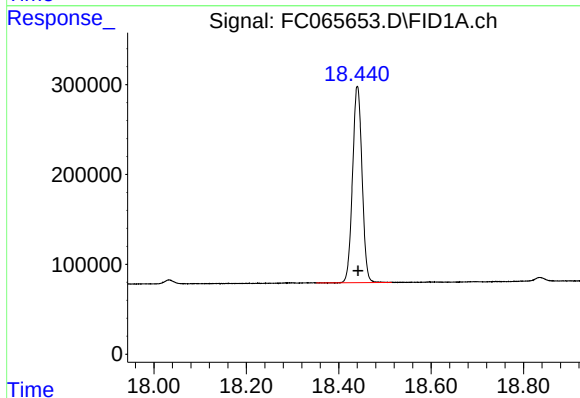
#16 n-Octacosane (C28)

R.T.: 16.729 min
Delta R.T.: 0.000 min
Response: 3069232
Conc: 20.36 ug/ml



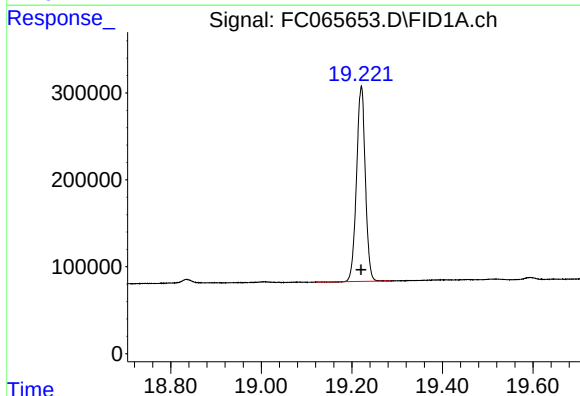
#17 n-Tricontane (C30)

R.T.: 17.612 min
Delta R.T.: 0.000 min
Response: 3139603
Conc: 20.56 ug/ml



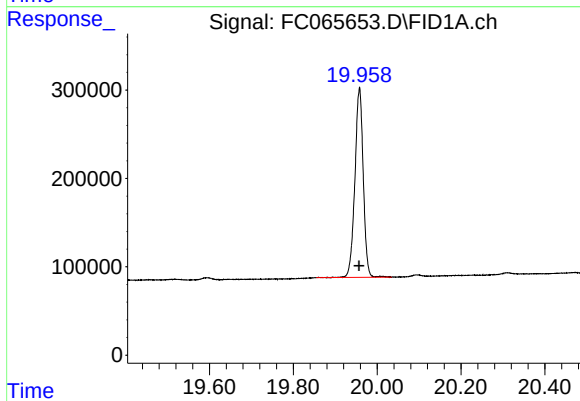
#18 n-Dotriacontane (C32)

R.T.: 18.440 min
Delta R.T.: -0.001 min
Response: 3114400
Conc: 20.68 ug/ml



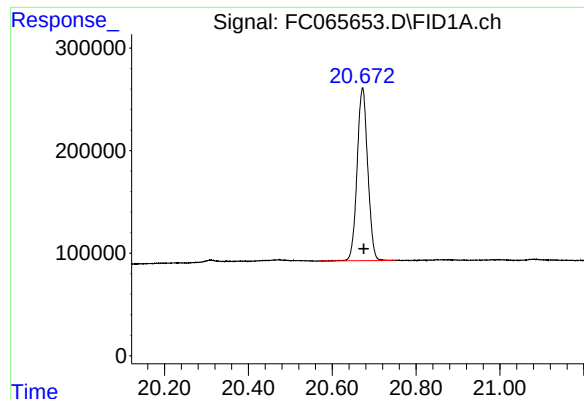
#19 n-Tetratriacontane (C34)

R.T.: 19.221 min
Delta R.T.: 0.000 min
Response: 3024841
Conc: 21.07 ug/ml



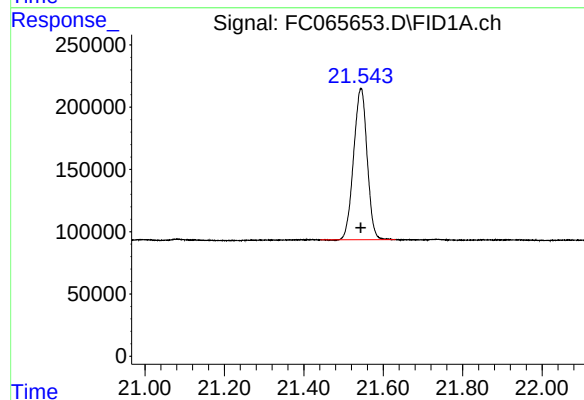
#20 n-Hexatriacontane (C36)

R.T.: 19.958 min
Delta R.T.: 0.000 min
Response: 2965978
Conc: 21.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.672 min
Delta R.T.: -0.003 min
Response: 2951963
Conc: 21.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.544 min
Delta R.T.: 0.000 min
Response: 2870308
Conc: 20.74 ug/ml