

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010824AL\
 Data File : FC065558.D
 Signal(s) : FID1A.ch
 Acq On : 08 Jan 2024 16:28
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 08 17:04:58 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)	11.492	3595760	19.773 ug/ml
Spiked Amount 50.000		Recovery =	39.55%
12) S 1-chlorooctadecane (S...	12.921	2674328	19.840 ug/ml
Spiked Amount 50.000		Recovery =	39.68%
Target Compounds			
1) T n-Nonane (C9)	3.286	3103683	19.868 ug/ml
2) T n-Decane (C10)	4.349	3158081	19.963 ug/ml
3) T A~Naphthalene (C11.7)	5.933	3298809	19.726 ug/ml
4) T n-Dodecane (C12)	6.361	3200471	19.948 ug/ml
5) T A~2-methylnaphthalene...	6.988	3104615	20.119 ug/ml
6) T n-Tetradecane (C14)	8.149	3114554	19.858 ug/ml
7) T n-Hexadecane (C16)	9.743	3195046	19.978 ug/ml
8) T n-Octadecane (C18)	11.177	3244847	19.811 ug/ml
10) T n-Eicosane (C20)	12.480	3145396	19.748 ug/ml
11) T n-Heneicosane (C21)	13.089	3101765	19.770 ug/ml
13) T n-Docosane (C22)	13.672	3082356	19.742 ug/ml
14) T n-Tetracosane (C24)	14.770	3082625	19.833 ug/ml
15) T n-Hexacosane (C26)	15.785	3035590	19.774 ug/ml
16) T n-Octacosane (C28)	16.730	2986989	19.817 ug/ml
17) T n-Tricontane (C30)	17.612	3019349	19.769 ug/ml
18) T n-Dotriacontane (C32)	18.442	2994026	19.884 ug/ml
19) T n-Tetratriacontane (C34)	19.221	2845350	19.817 ug/ml
20) T n-Hexatriacontane (C36)	19.957	2766390	20.082 ug/ml
21) T n-Octatriacontane (C38)	20.674	2746432	19.851 ug/ml
22) T n-Tetracontane (C40)	21.547	2759951	19.946 ug/ml

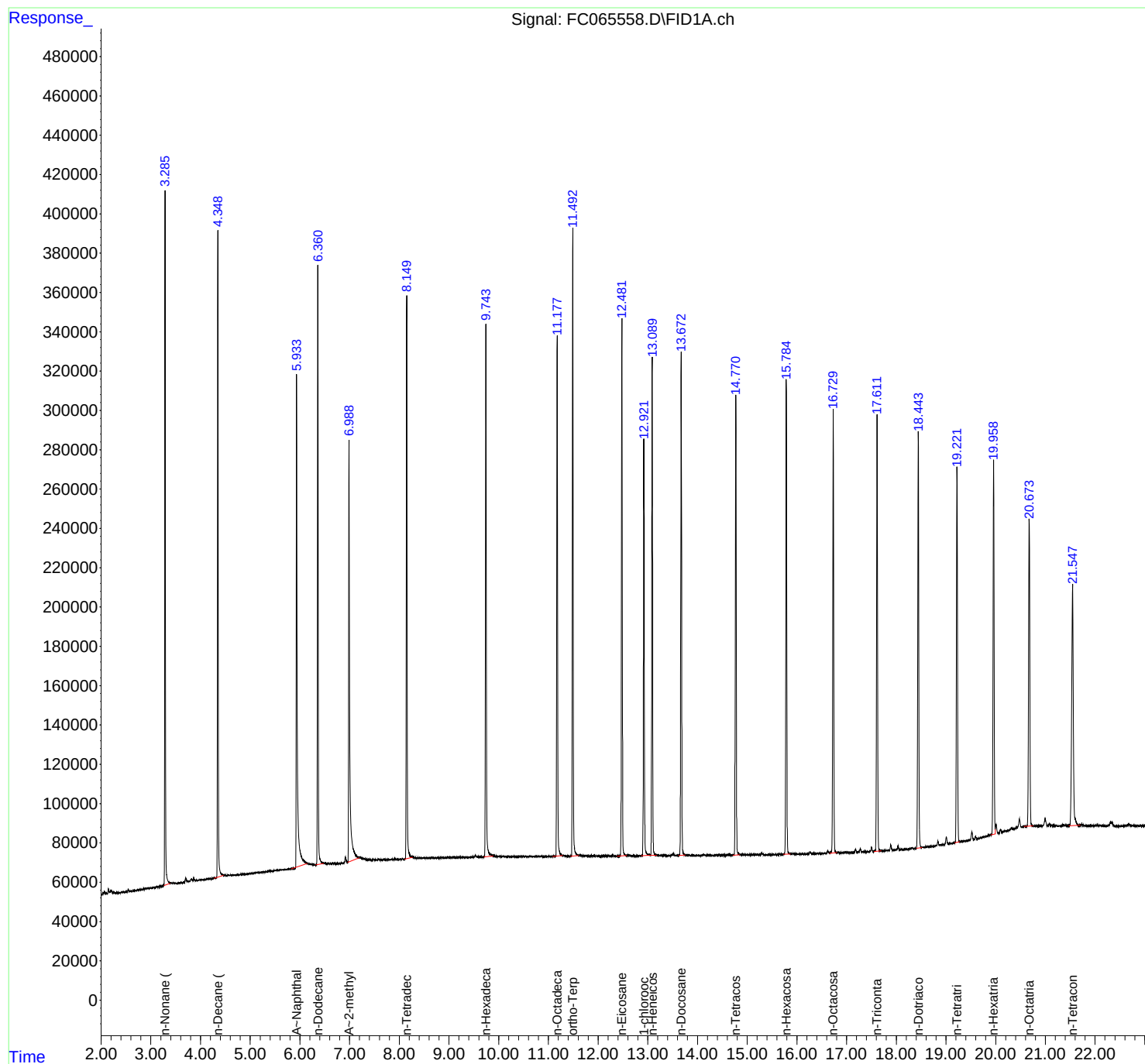
(f)=RT Delta > 1/2 Window

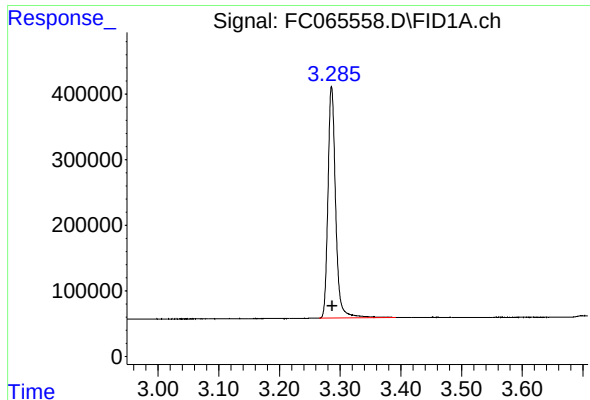
(m)=manual int.

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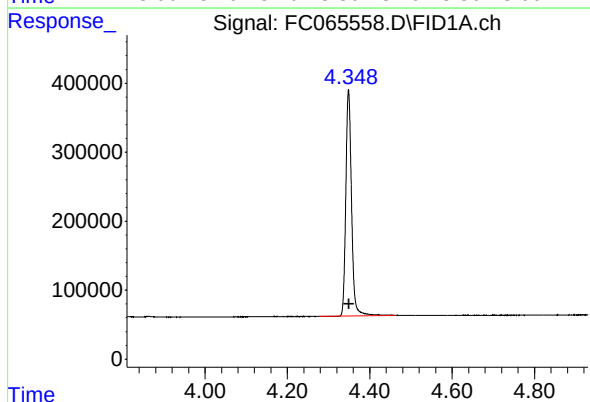
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Signal Info : 20M x 0.18mm x 0.18um





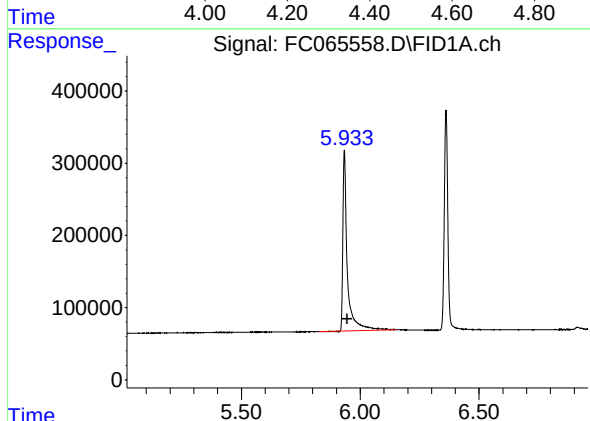
#1 n-Nonane (C9)

R.T.: 3.286 min
Delta R.T.: -0.001 min
Response: 3103683
Conc: 19.87 ug/ml



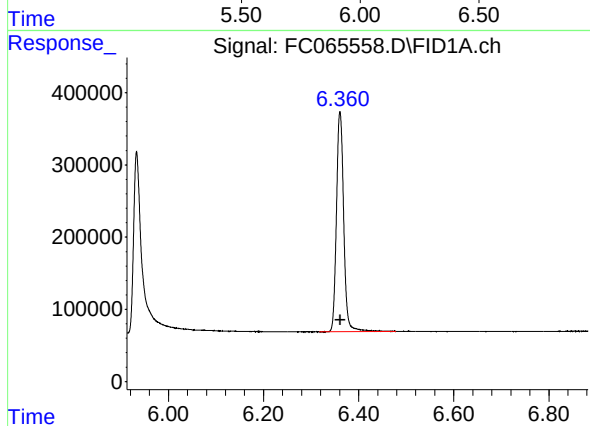
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 3158081
Conc: 19.96 ug/ml



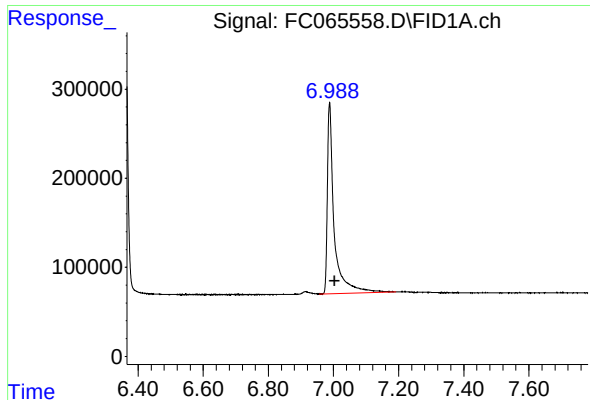
#3 A~Naphthalene (C11.7)

R.T.: 5.933 min
Delta R.T.: -0.012 min
Response: 3298809
Conc: 19.73 ug/ml



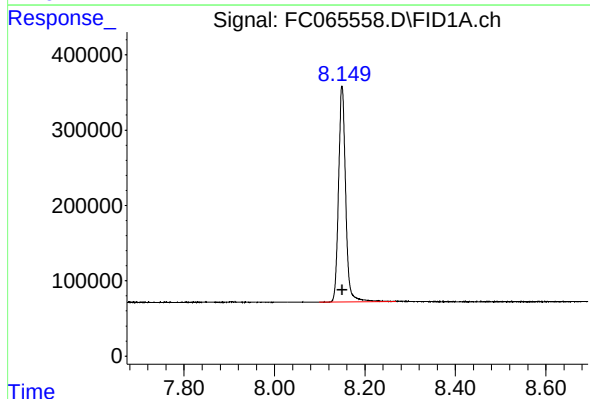
#4 n-Dodecane (C12)

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 3200471
Conc: 19.95 ug/ml



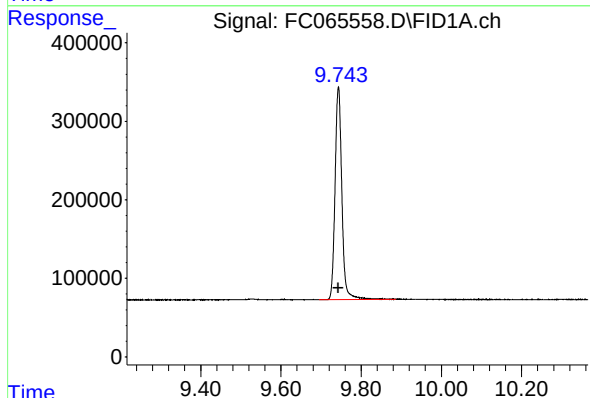
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.988 min
Delta R.T.: -0.016 min
Response: 3104615
Conc: 20.12 ug/ml



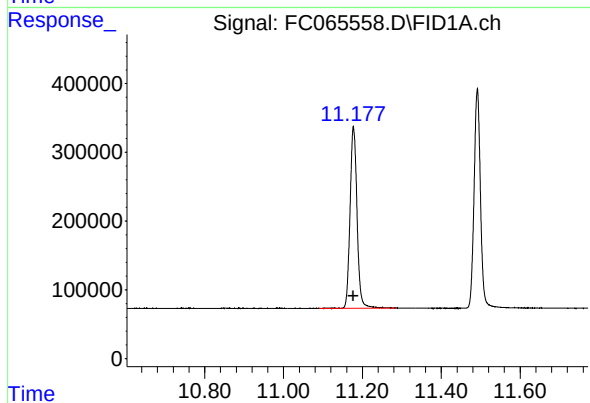
#6 n-Tetradecane (C14)

R.T.: 8.149 min
Delta R.T.: 0.000 min
Response: 3114554
Conc: 19.86 ug/ml



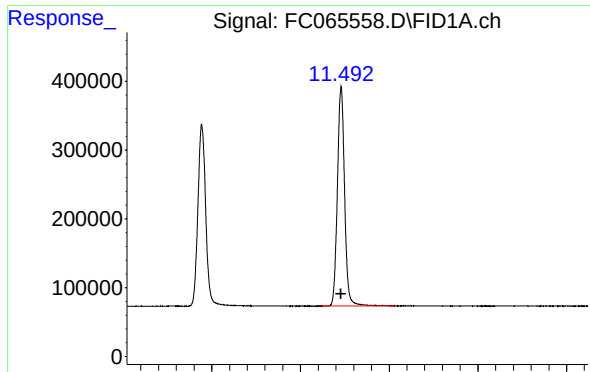
#7 n-Hexadecane (C16)

R.T.: 9.743 min
Delta R.T.: 0.000 min
Response: 3195046
Conc: 19.98 ug/ml



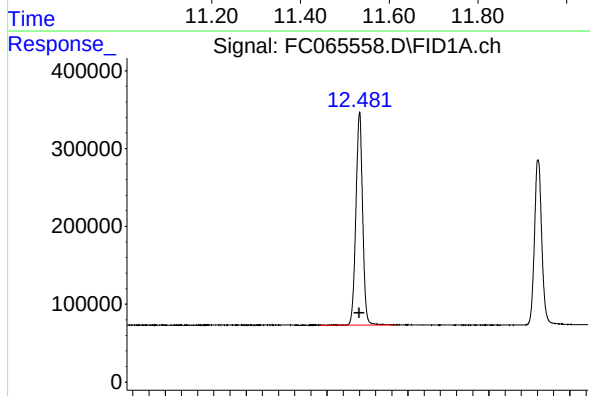
#8 n-Octadecane (C18)

R.T.: 11.177 min
Delta R.T.: 0.000 min
Response: 3244847
Conc: 19.81 ug/ml



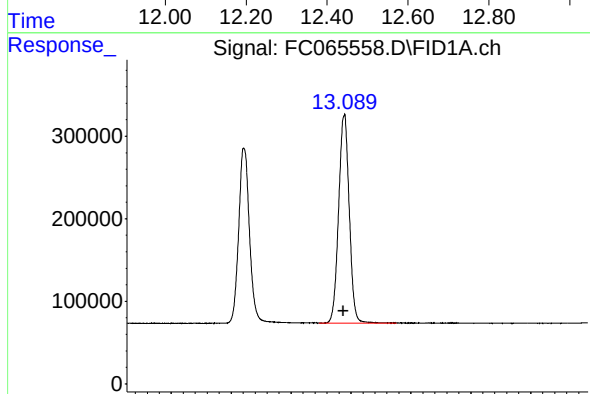
#9 ortho-Terphenyl (SURR)

R.T.: 11.492 min
Delta R.T.: 0.000 min
Response: 3595760
Conc: 19.77 ug/ml



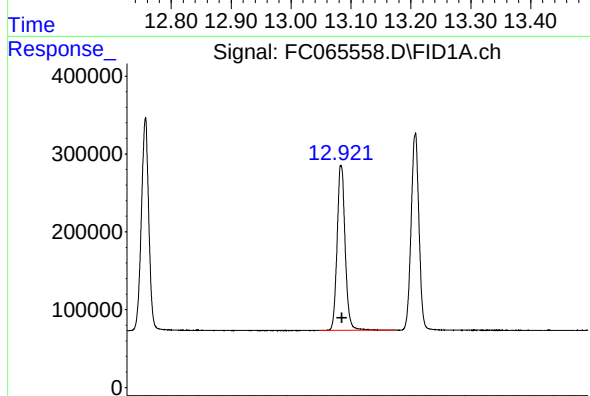
#10 n-Eicosane (C20)

R.T.: 12.480 min
Delta R.T.: 0.000 min
Response: 3145396
Conc: 19.75 ug/ml



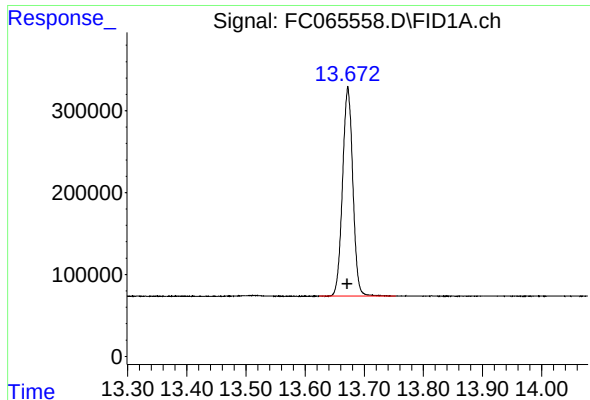
#11 n-Heneicosane (C21)

R.T.: 13.089 min
Delta R.T.: 0.002 min
Response: 3101765
Conc: 19.77 ug/ml



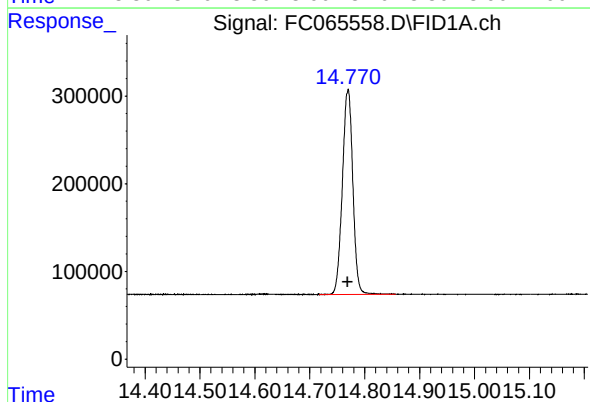
#12 1-chlorooctadecane (SURR)

R.T.: 12.921 min
Delta R.T.: -0.002 min
Response: 2674328
Conc: 19.84 ug/ml



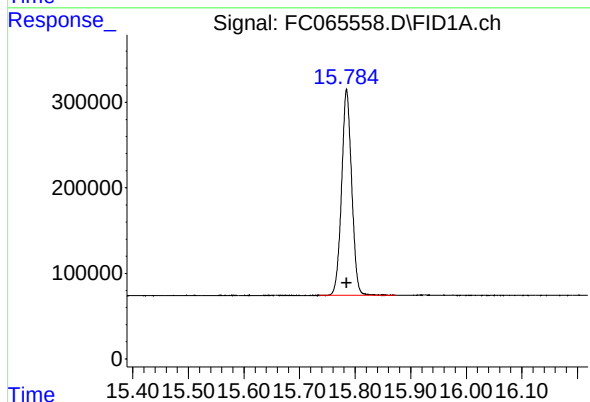
#13 n-Docosane (C22)

R.T.: 13.672 min
Delta R.T.: 0.001 min
Response: 3082356
Conc: 19.74 ug/ml



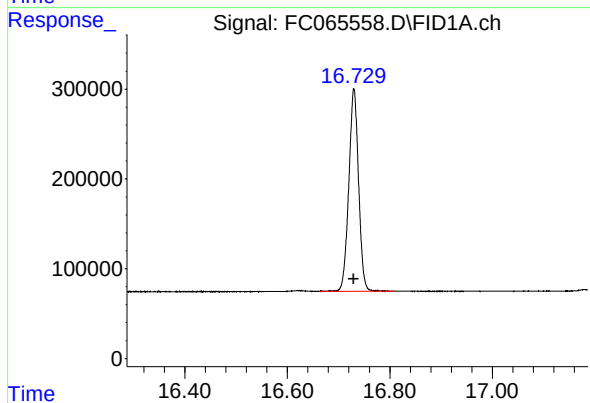
#14 n-Tetracosane (C24)

R.T.: 14.770 min
Delta R.T.: 0.001 min
Response: 3082625
Conc: 19.83 ug/ml



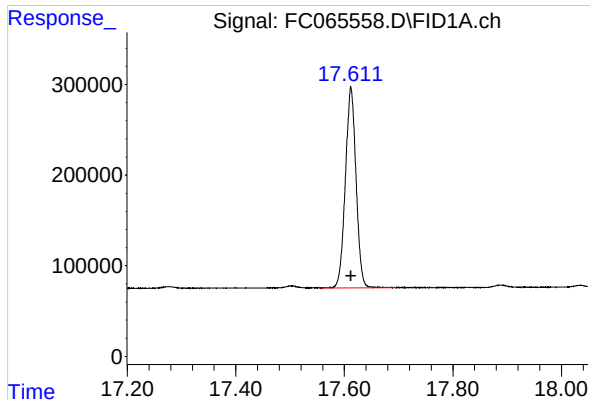
#15 n-Hexacosane (C26)

R.T.: 15.785 min
Delta R.T.: 0.000 min
Response: 3035590
Conc: 19.77 ug/ml



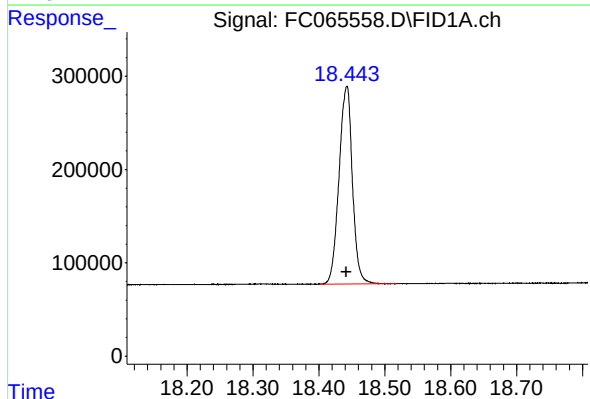
#16 n-Octacosane (C28)

R.T.: 16.730 min
Delta R.T.: 0.000 min
Response: 2986989
Conc: 19.82 ug/ml



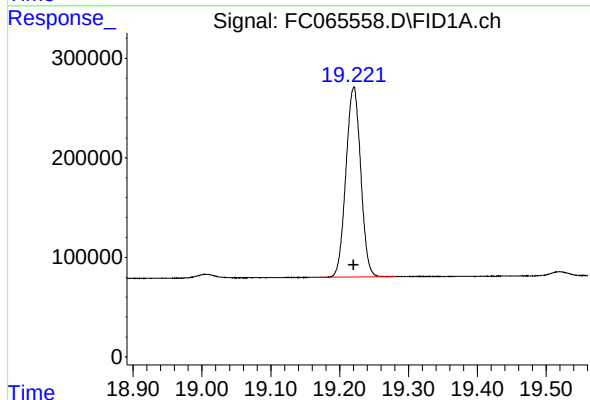
#17 n-Tricontane (C30)

R.T.: 17.612 min
Delta R.T.: 0.000 min
Response: 3019349
Conc: 19.77 ug/ml



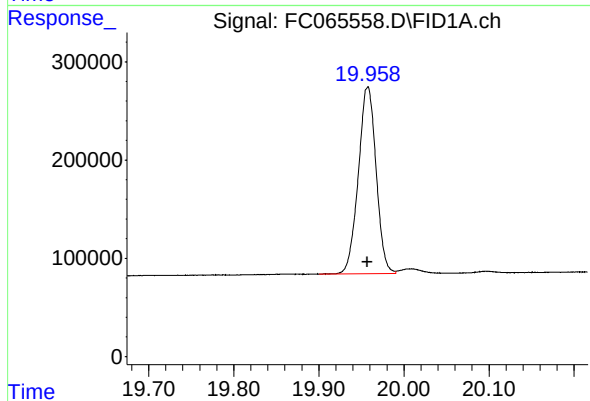
#18 n-Dotriacontane (C32)

R.T.: 18.442 min
Delta R.T.: 0.000 min
Response: 2994026
Conc: 19.88 ug/ml



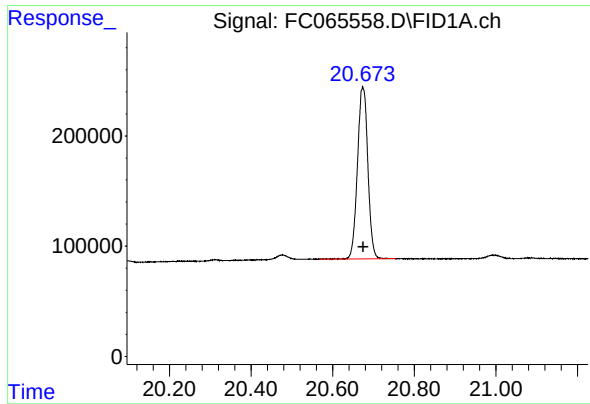
#19 n-Tetratriacontane (C34)

R.T.: 19.221 min
Delta R.T.: 0.000 min
Response: 2845350
Conc: 19.82 ug/ml



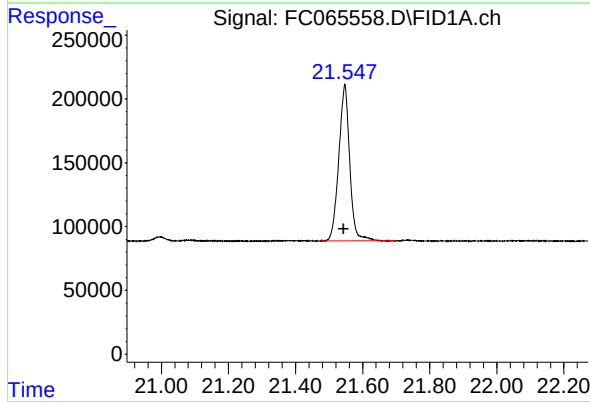
#20 n-Hexatriacontane (C36)

R.T.: 19.957 min
Delta R.T.: 0.000 min
Response: 2766390
Conc: 20.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.674 min
Delta R.T.: -0.001 min
Response: 2746432
Conc: 19.85 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.547 min
Delta R.T.: 0.004 min
Response: 2759951
Conc: 19.95 ug/ml