

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020924AL\
 Data File : FC065693.D
 Signal(s) : FID1A.ch
 Acq On : 09 Feb 2024 12:22
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 10 02:48:05 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)	11.490	3578638	20.863 ug/ml
Spiked Amount 50.000		Recovery =	41.73%
12) S 1-chlorooctadecane (S...	12.921	2662724	21.158 ug/ml
Spiked Amount 50.000		Recovery =	42.32%
Target Compounds			
1) T n-Nonane (C9)	3.281	3166746	21.079 ug/ml
2) T n-Decane (C10)	4.343	3208101	21.100 ug/ml
3) T A~Naphthalene (C11.7)	5.931	3273397	21.227 ug/ml
4) T n-Dodecane (C12)	6.357	3256710	21.279 ug/ml
5) T A~2-methylnaphthalene...	6.987	3047126	21.399 ug/ml
6) T n-Tetradecane (C14)	8.145	3148969	21.210 ug/ml
7) T n-Hexadecane (C16)	9.741	3187416	21.254 ug/ml
8) T n-Octadecane (C18)	11.176	3253136	21.090 ug/ml
10) T n-Eicosane (C20)	12.478	3165230	21.048 ug/ml
11) T n-Heneicosane (C21)	13.087	3128182	20.916 ug/ml
13) T n-Docosane (C22)	13.669	3118584	21.025 ug/ml
14) T n-Tetracosane (C24)	14.767	3116325	20.959 ug/ml
15) T n-Hexacosane (C26)	15.782	3095075	20.886 ug/ml
16) T n-Octacosane (C28)	16.728	3070844	20.928 ug/ml
17) T n-Tricontane (C30)	17.611	3141351	20.926 ug/ml
18) T n-Dotriacontane (C32)	18.438	3103673	20.987 ug/ml
19) T n-Tetratriacontane (C34)	19.219	3024830	20.869 ug/ml
20) T n-Hexatriacontane (C36)	19.954	2931000	20.649 ug/ml
21) T n-Octatriacontane (C38)	20.671	2915202	20.595 ug/ml
22) T n-Tetracontane (C40)	21.541	2853293	20.456 ug/ml

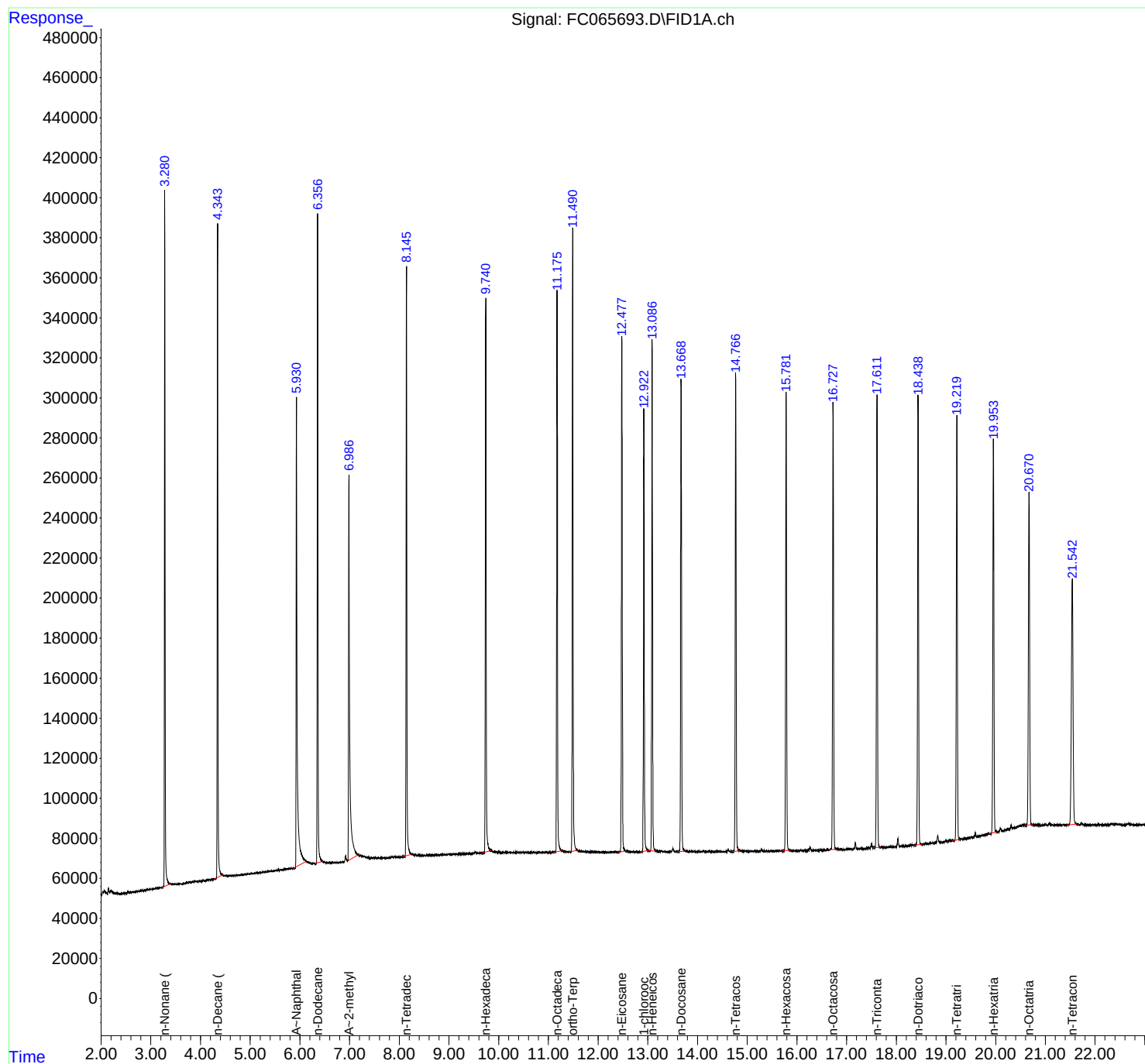
(f)=RT Delta > 1/2 Window

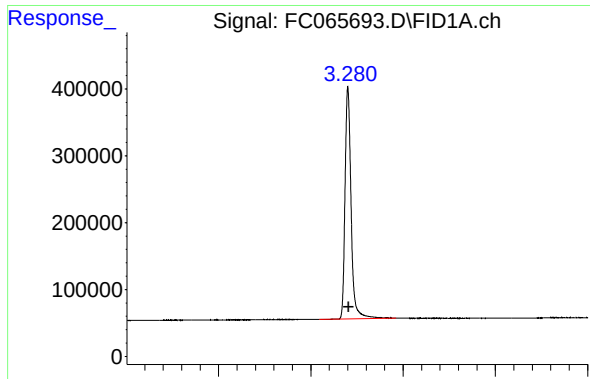
(m)=manual int.

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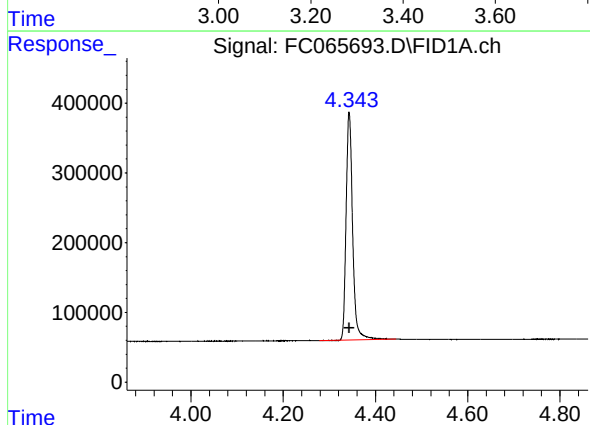
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





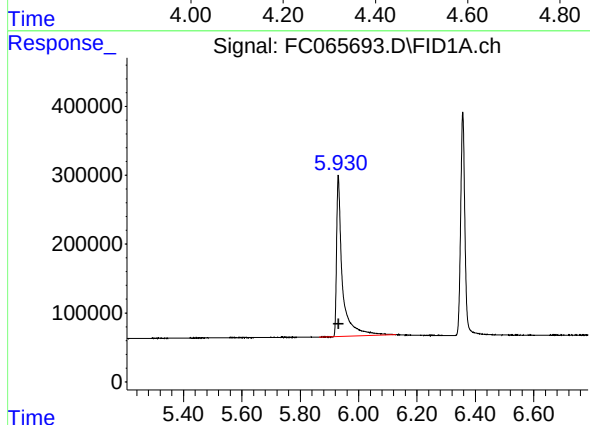
#1 n-Nonane (C9)

R.T.: 3.281 min
Delta R.T.: -0.002 min
Response: 3166746
Conc: 21.08 ug/ml



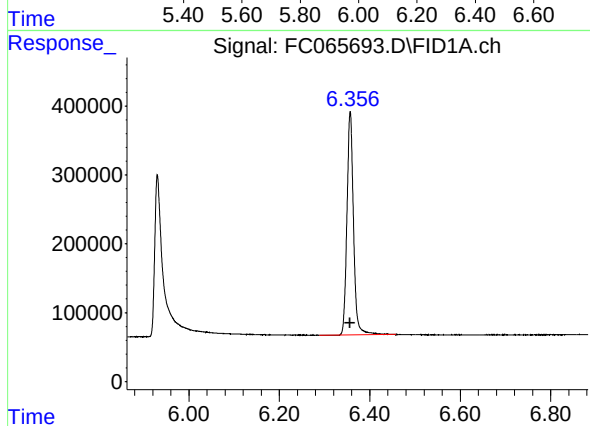
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: 0.000 min
Response: 3208101
Conc: 21.10 ug/ml



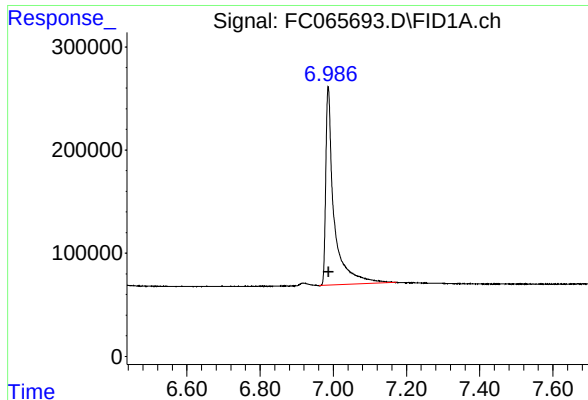
#3 A~Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 3273397
Conc: 21.23 ug/ml



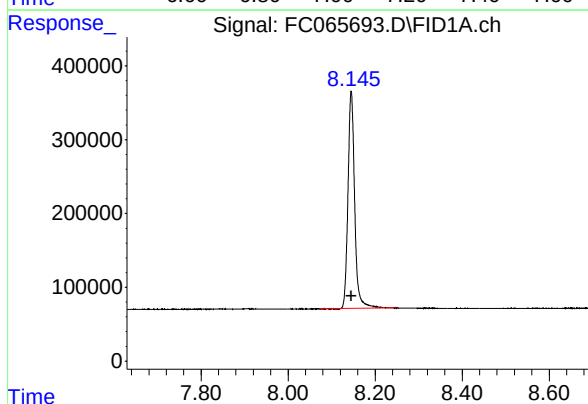
#4 n-Dodecane (C12)

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 3256710
Conc: 21.28 ug/ml



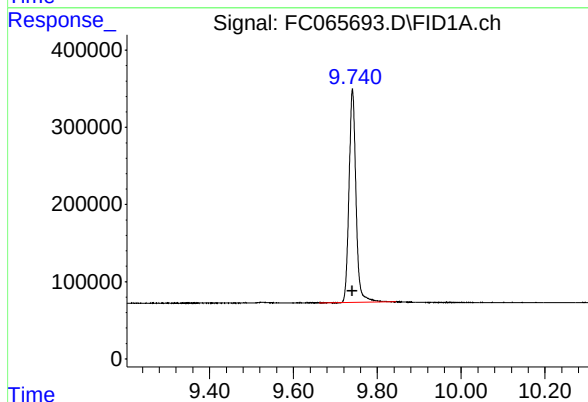
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.987 min
Delta R.T.: 0.000 min
Response: 3047126
Conc: 21.40 ug/ml



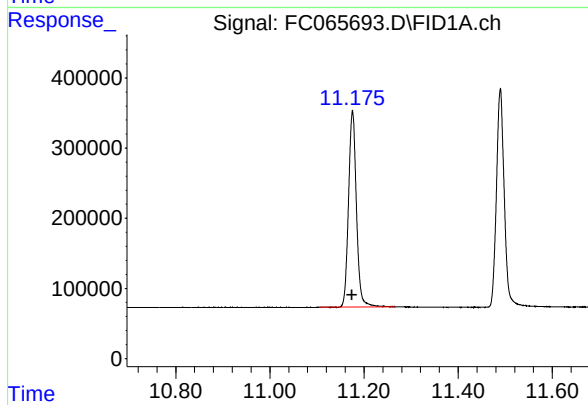
#6 n-Tetradecane (C14)

R.T.: 8.145 min
Delta R.T.: 0.000 min
Response: 3148969
Conc: 21.21 ug/ml



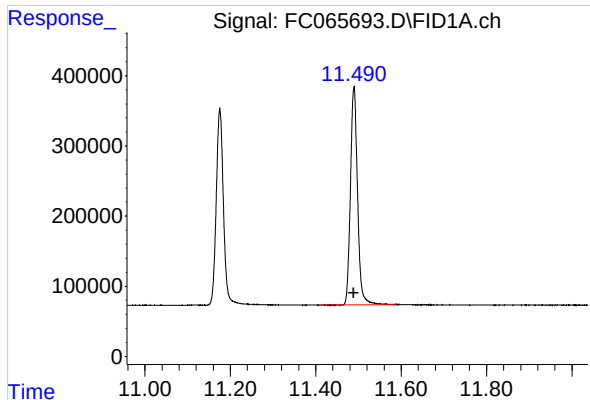
#7 n-Hexadecane (C16)

R.T.: 9.741 min
Delta R.T.: 0.000 min
Response: 3187416
Conc: 21.25 ug/ml



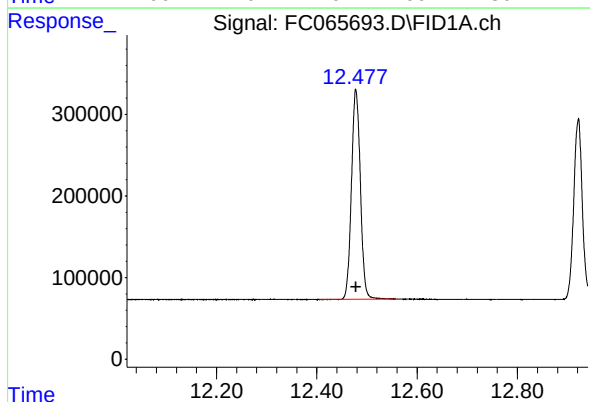
#8 n-Octadecane (C18)

R.T.: 11.176 min
Delta R.T.: 0.000 min
Response: 3253136
Conc: 21.09 ug/ml



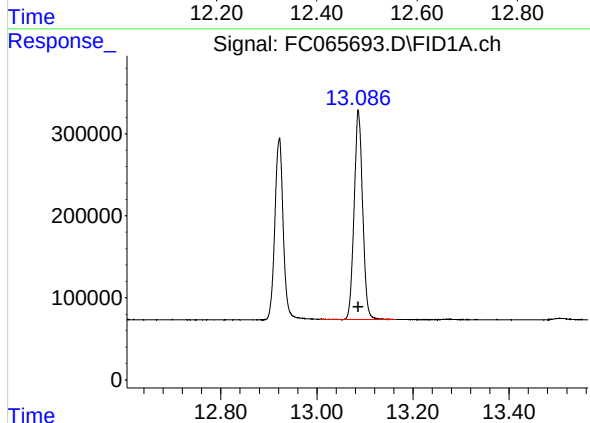
#9 ortho-Terphenyl (SURR)

R.T.: 11.490 min
Delta R.T.: 0.000 min
Response: 3578638
Conc: 20.86 ug/ml



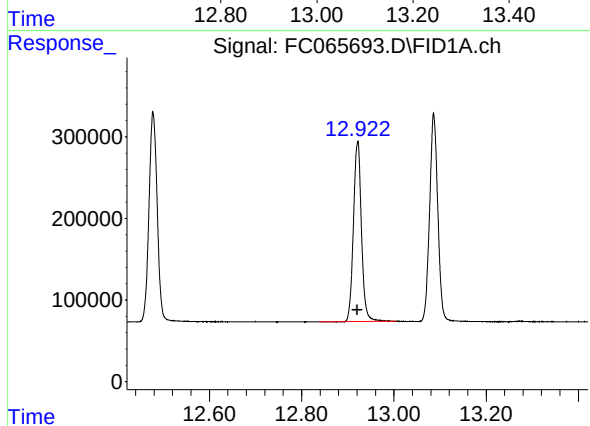
#10 n-Eicosane (C20)

R.T.: 12.478 min
Delta R.T.: 0.000 min
Response: 3165230
Conc: 21.05 ug/ml



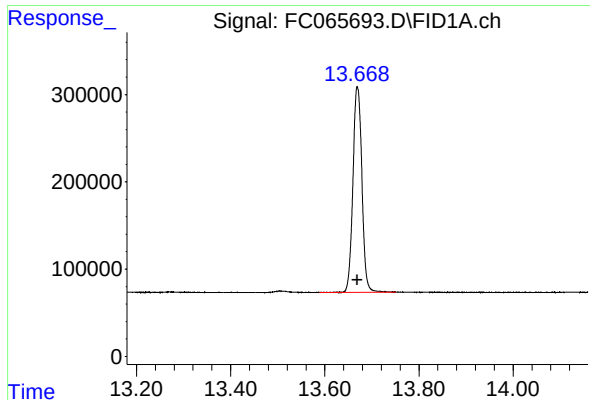
#11 n-Heneicosane (C21)

R.T.: 13.087 min
Delta R.T.: 0.000 min
Response: 3128182
Conc: 20.92 ug/ml



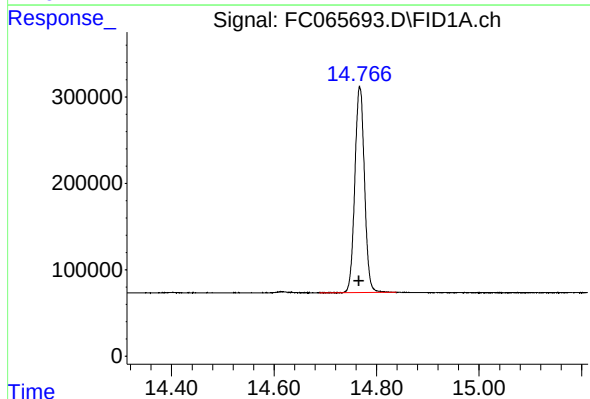
#12 1-chlorooctadecane (SURR)

R.T.: 12.921 min
Delta R.T.: 0.001 min
Response: 2662724
Conc: 21.16 ug/ml



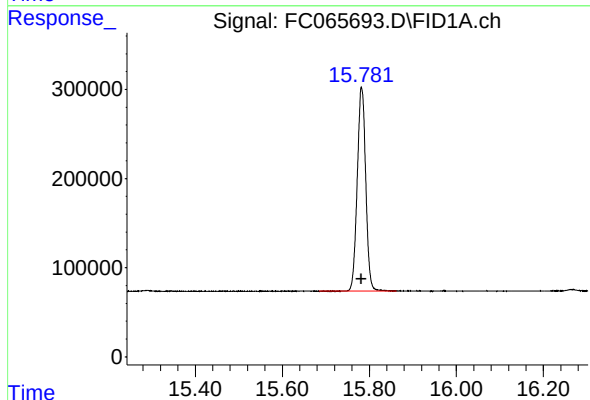
#13 n-Docosane (C22)

R.T.: 13.669 min
Delta R.T.: 0.000 min
Response: 3118584
Conc: 21.02 ug/ml



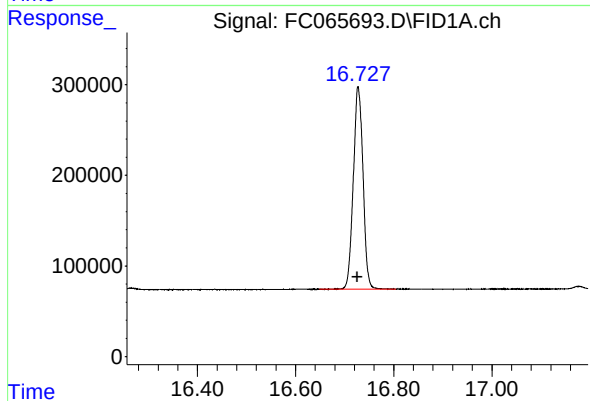
#14 n-Tetracosane (C24)

R.T.: 14.767 min
Delta R.T.: 0.002 min
Response: 3116325
Conc: 20.96 ug/ml



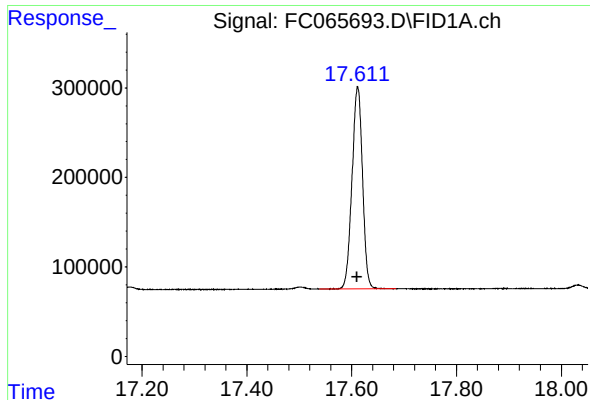
#15 n-Hexacosane (C26)

R.T.: 15.782 min
Delta R.T.: 0.001 min
Response: 3095075
Conc: 20.89 ug/ml



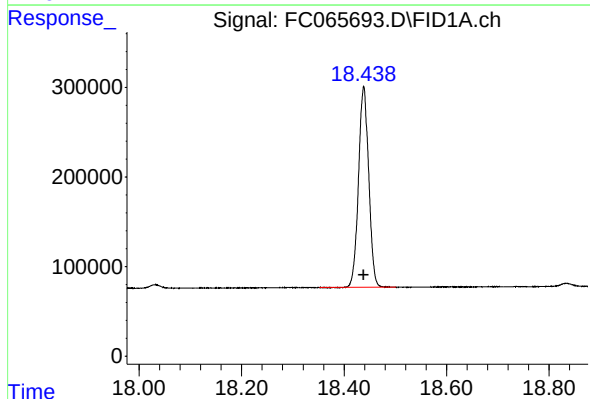
#16 n-Octacosane (C28)

R.T.: 16.728 min
Delta R.T.: 0.002 min
Response: 3070844
Conc: 20.93 ug/ml



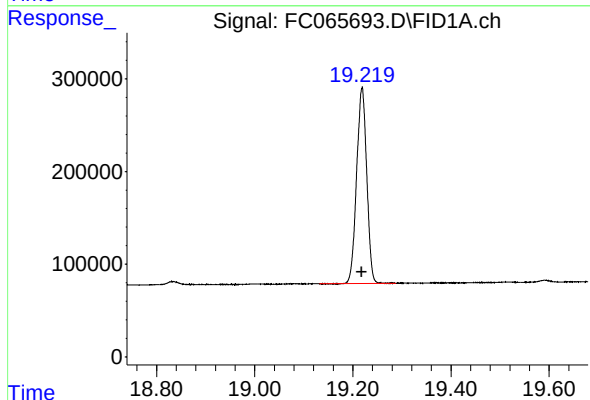
#17 n-Tricontane (C30)

R.T.: 17.611 min
Delta R.T.: 0.002 min
Response: 3141351
Conc: 20.93 ug/ml



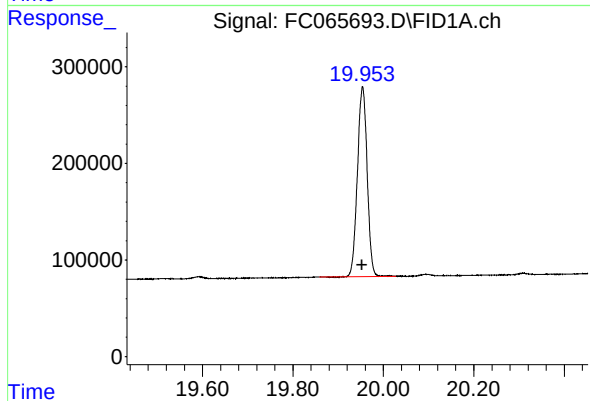
#18 n-Dotriacontane (C32)

R.T.: 18.438 min
Delta R.T.: 0.000 min
Response: 3103673
Conc: 20.99 ug/ml



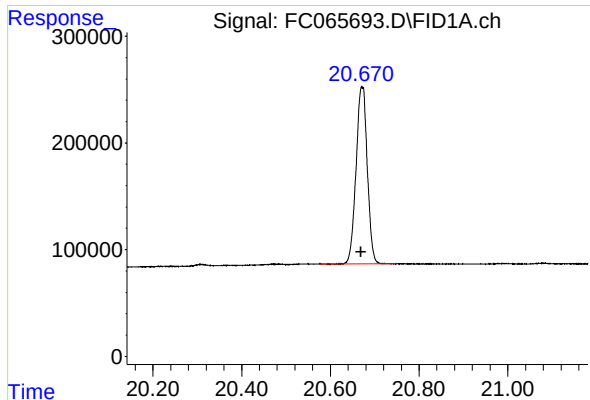
#19 n-Tetatriacontane (C34)

R.T.: 19.219 min
Delta R.T.: 0.001 min
Response: 3024830
Conc: 20.87 ug/ml



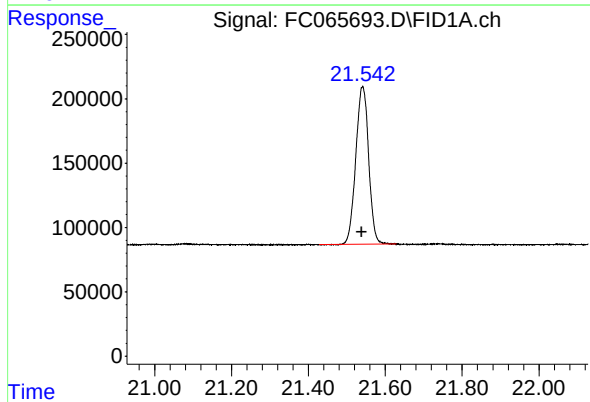
#20 n-Hexatriacontane (C36)

R.T.: 19.954 min
Delta R.T.: 0.001 min
Response: 2931000
Conc: 20.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.671 min
Delta R.T.: 0.002 min
Response: 2915202
Conc: 20.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.541 min
Delta R.T.: 0.002 min
Response: 2853293
Conc: 20.46 ug/ml