

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020224AL\
 Data File : FC065618.D
 Signal(s) : FID1A.ch
 Acq On : 03 Feb 2024 02:50
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 05 04:06:04 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)	11.493	3452638	18.986 ug/ml
Spiked Amount 50.000		Recovery =	37.97%
12) S 1-chlorooctadecane (S...	12.924	2562825	19.013 ug/ml
Spiked Amount 50.000		Recovery =	38.03%
Target Compounds			
1) T n-Nonane (C9)	3.285	3044005	19.486 ug/ml
2) T n-Decane (C10)	4.348	3095370	19.566 ug/ml
3) T A~Naphthalene (C11.7)	5.936	3153845	18.859 ug/ml
4) T n-Dodecane (C12)	6.361	3131735	19.519 ug/ml
5) T A~2-methylnaphthalene...	6.992	2961713	19.193 ug/ml
6) T n-Tetradecane (C14)	8.150	3020353	19.257 ug/ml
7) T n-Hexadecane (C16)	9.745	3047292	19.054 ug/ml
8) T n-Octadecane (C18)	11.179	3108639	18.980 ug/ml
10) T n-Eicosane (C20)	12.481	3019657	18.958 ug/ml
11) T n-Heneicosane (C21)	13.090	2987369	19.041 ug/ml
13) T n-Docosane (C22)	13.674	2973088	19.042 ug/ml
14) T n-Tetracosane (C24)	14.770	2973443	19.131 ug/ml
15) T n-Hexacosane (C26)	15.787	2947877	19.202 ug/ml
16) T n-Octacosane (C28)	16.731	2915191	19.341 ug/ml
17) T n-Tricontane (C30)	17.616	2965719	19.418 ug/ml
18) T n-Dotriacontane (C32)	18.443	2918824	19.385 ug/ml
19) T n-Tetratriacontane (C34)	19.223	2847165	19.830 ug/ml
20) T n-Hexatriacontane (C36)	19.959	2775529	20.148 ug/ml
21) T n-Octatriacontane (C38)	20.675	2749034	19.870 ug/ml
22) T n-Tetracontane (C40)	21.548	2693290	19.464 ug/ml

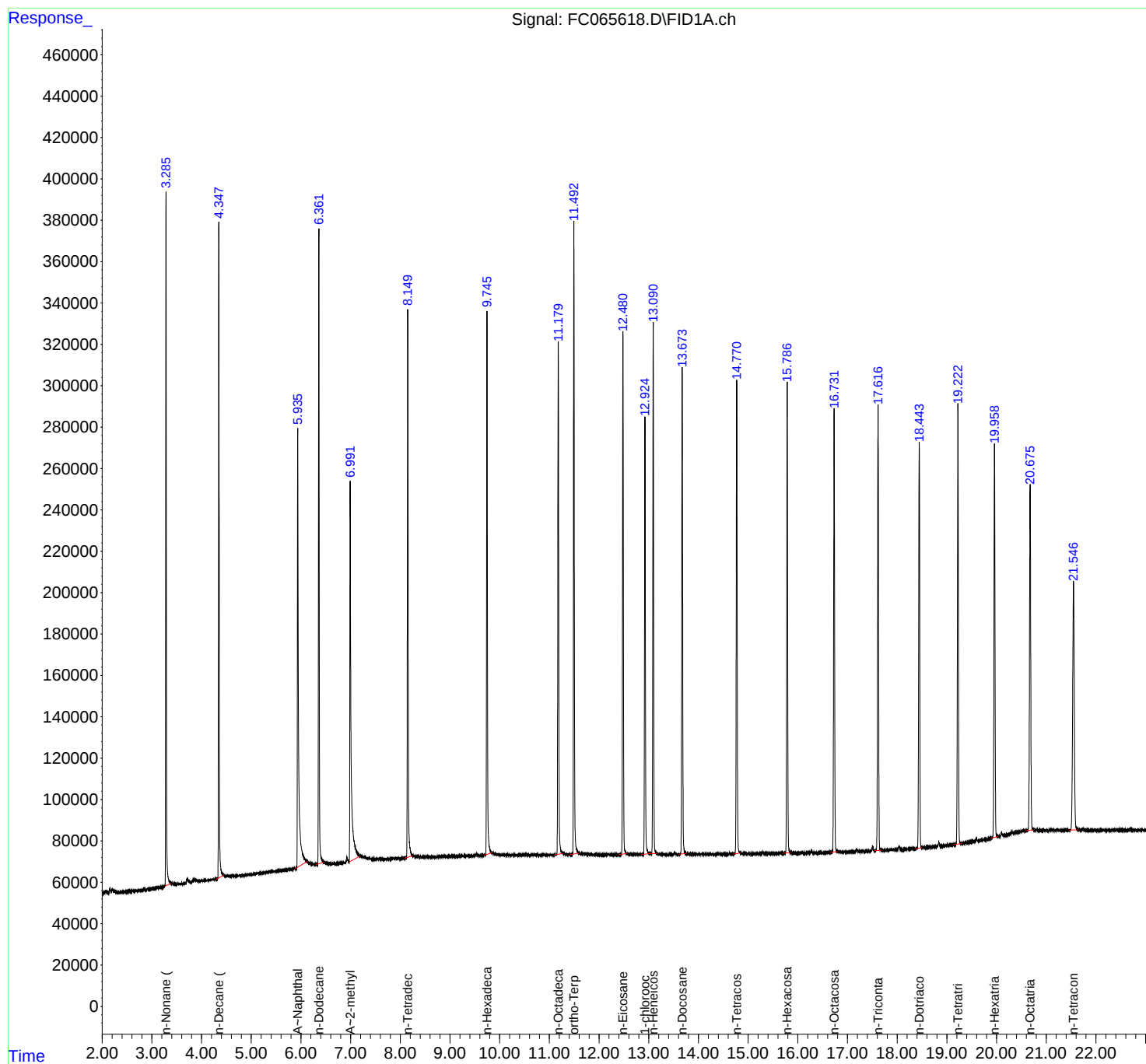
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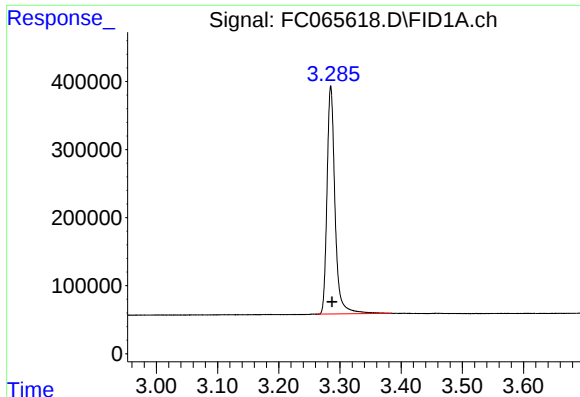
(m)=manual int.

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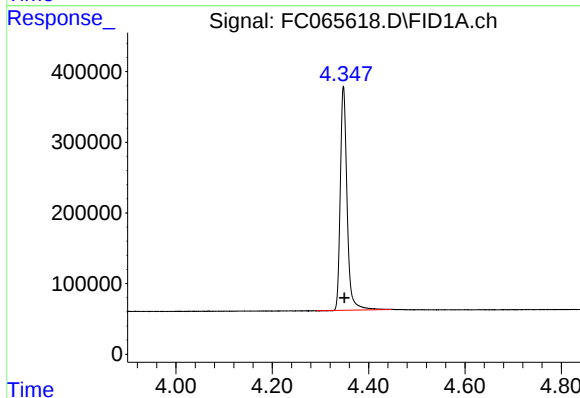
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





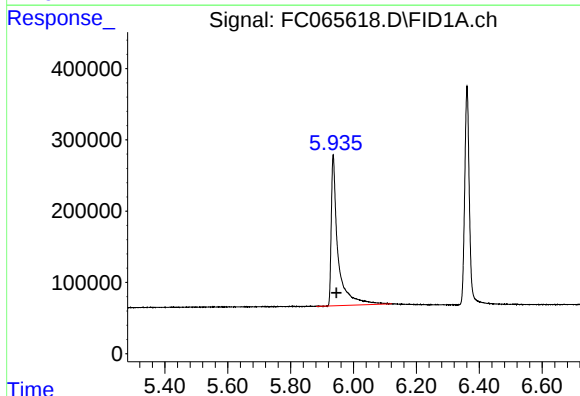
#1 n-Nonane (C9)

R.T.: 3.285 min
Delta R.T.: -0.002 min
Response: 3044005
Conc: 19.49 ug/ml



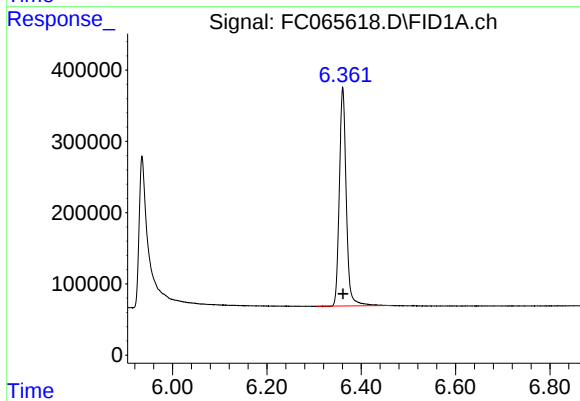
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: -0.002 min
Response: 3095370
Conc: 19.57 ug/ml



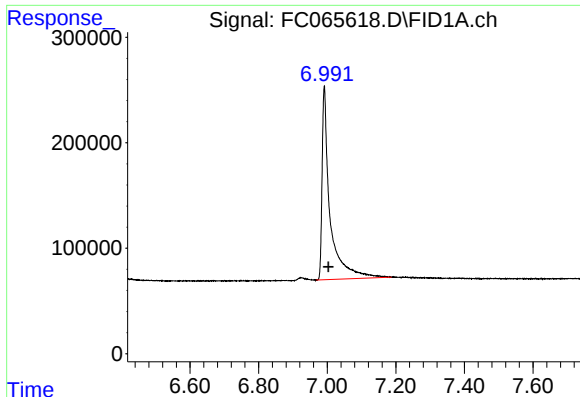
#3 A~Naphthalene (C11.7)

R.T.: 5.936 min
Delta R.T.: -0.009 min
Response: 3153845
Conc: 18.86 ug/ml



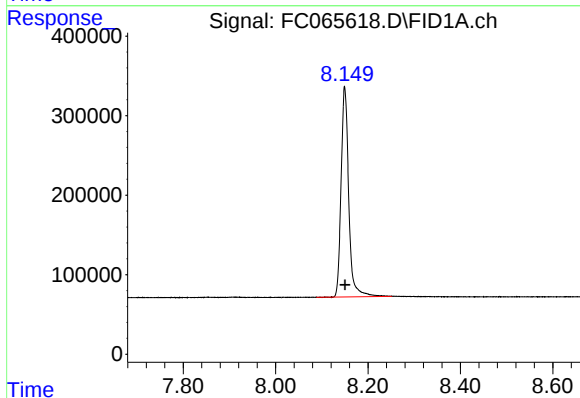
#4 n-Dodecane (C12)

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 3131735
Conc: 19.52 ug/ml



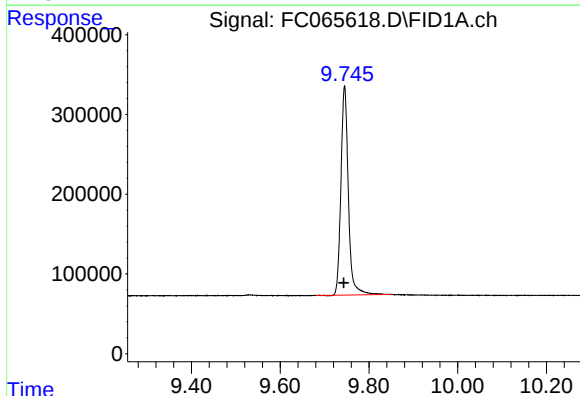
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.992 min
Delta R.T.: -0.012 min
Response: 2961713
Conc: 19.19 ug/ml



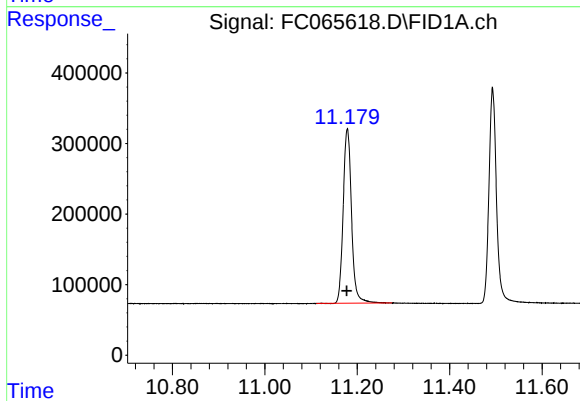
#6 n-Tetradecane (C14)

R.T.: 8.150 min
Delta R.T.: 0.000 min
Response: 3020353
Conc: 19.26 ug/ml



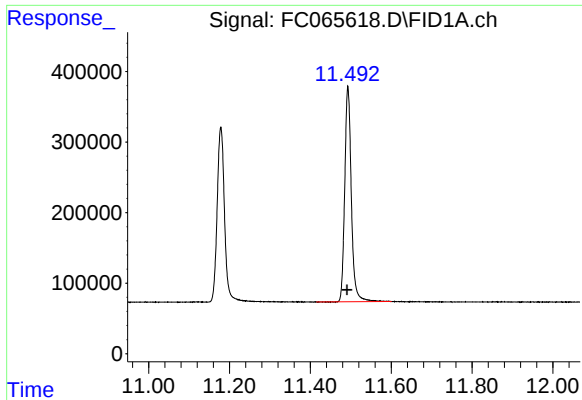
#7 n-Hexadecane (C16)

R.T.: 9.745 min
Delta R.T.: 0.002 min
Response: 3047292
Conc: 19.05 ug/ml



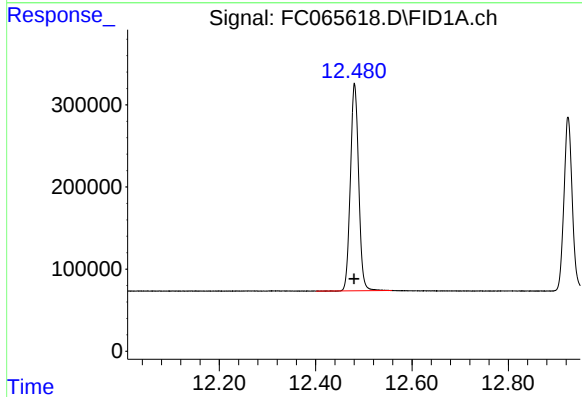
#8 n-Octadecane (C18)

R.T.: 11.179 min
Delta R.T.: 0.001 min
Response: 3108639
Conc: 18.98 ug/ml



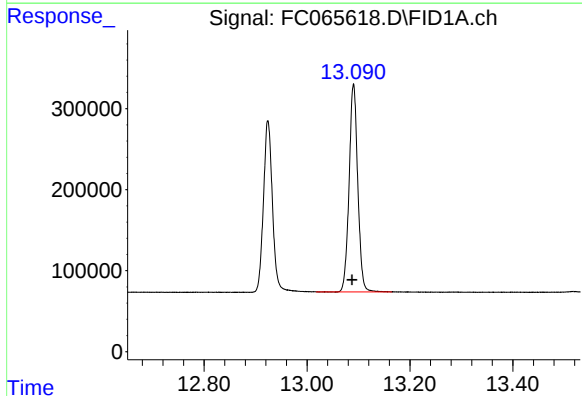
#9 ortho-Terphenyl (SURR)

R.T.: 11.493 min
Delta R.T.: 0.002 min
Response: 3452638
Conc: 18.99 ug/ml



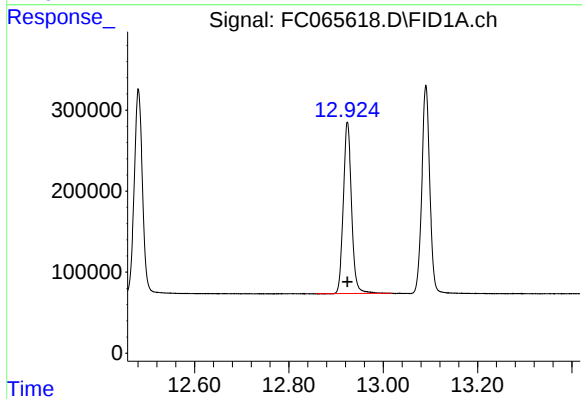
#10 n-Eicosane (C20)

R.T.: 12.481 min
Delta R.T.: 0.001 min
Response: 3019657
Conc: 18.96 ug/ml



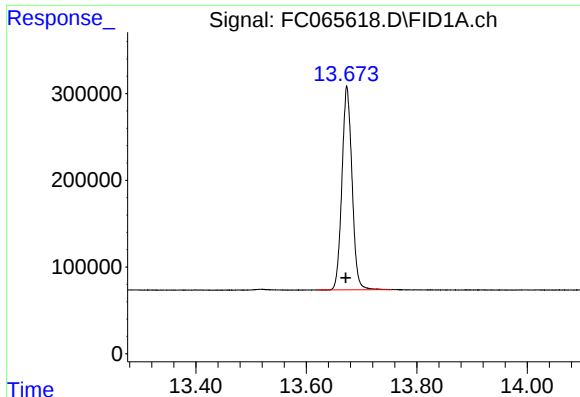
#11 n-Heneicosane (C21)

R.T.: 13.090 min
Delta R.T.: 0.003 min
Response: 2987369
Conc: 19.04 ug/ml



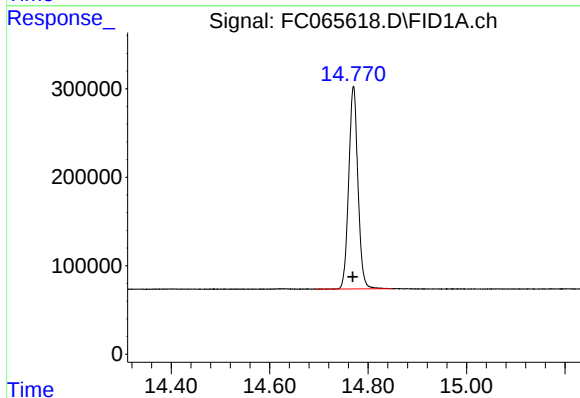
#12 1-chlorooctadecane (SURR)

R.T.: 12.924 min
Delta R.T.: 0.000 min
Response: 2562825
Conc: 19.01 ug/ml



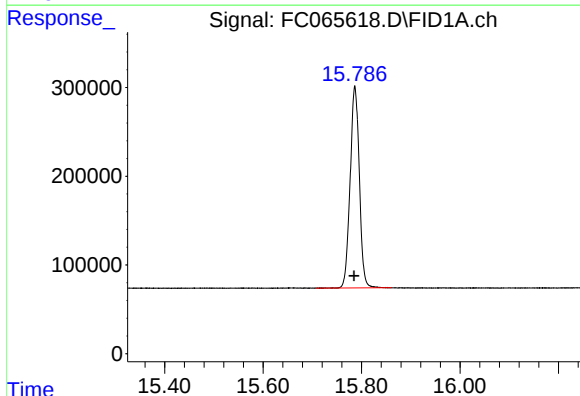
#13 n-Docosane (C22)

R.T.: 13.674 min
Delta R.T.: 0.002 min
Response: 2973088
Conc: 19.04 ug/ml



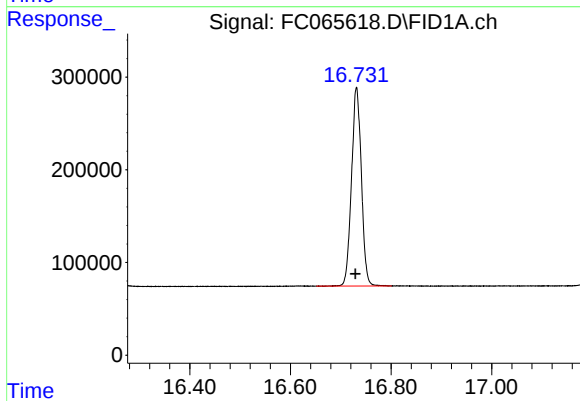
#14 n-Tetracosane (C24)

R.T.: 14.770 min
Delta R.T.: 0.002 min
Response: 2973443
Conc: 19.13 ug/ml



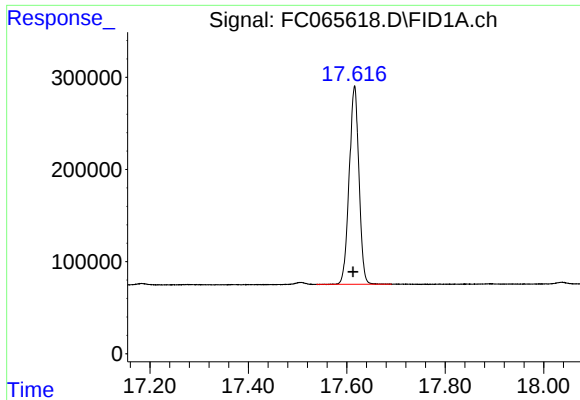
#15 n-Hexacosane (C26)

R.T.: 15.787 min
Delta R.T.: 0.002 min
Response: 2947877
Conc: 19.20 ug/ml



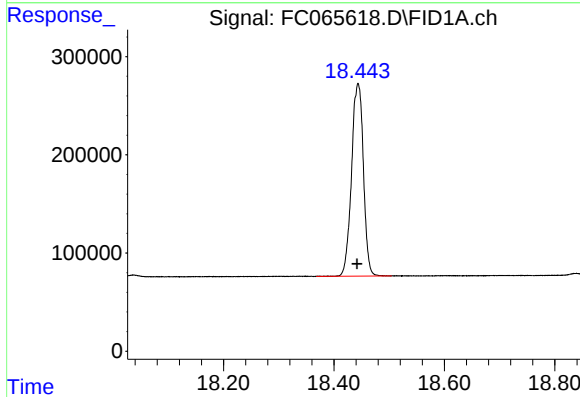
#16 n-Octacosane (C28)

R.T.: 16.731 min
Delta R.T.: 0.002 min
Response: 2915191
Conc: 19.34 ug/ml



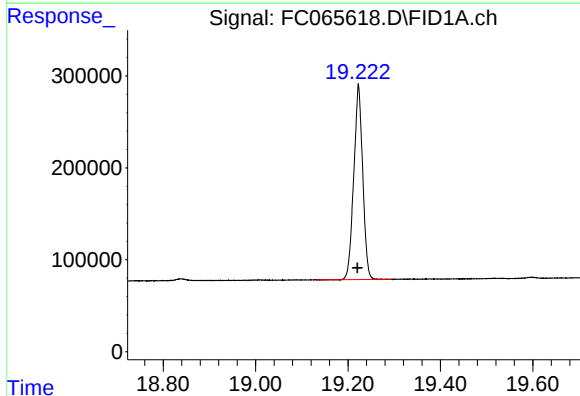
#17 n-Tricontane (C30)

R.T.: 17.616 min
Delta R.T.: 0.003 min
Response: 2965719
Conc: 19.42 ug/ml



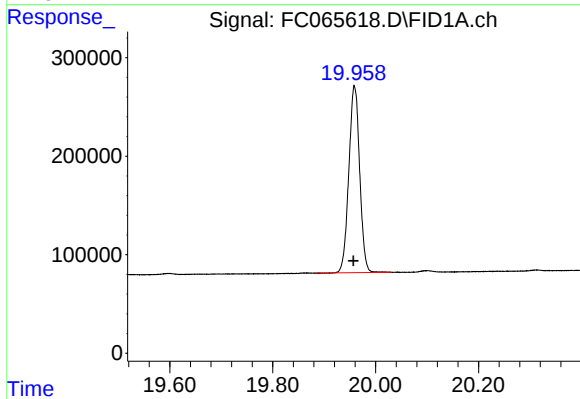
#18 n-Dotriacontane (C32)

R.T.: 18.443 min
Delta R.T.: 0.002 min
Response: 2918824
Conc: 19.38 ug/ml



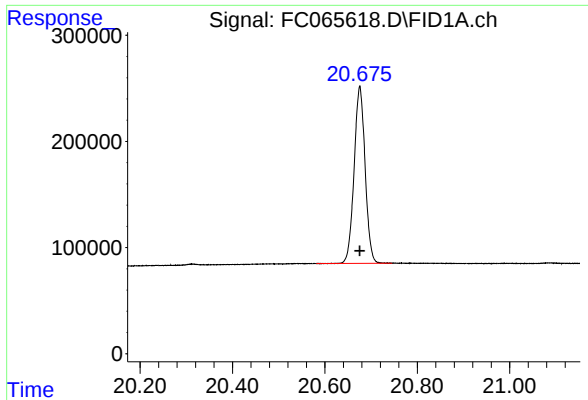
#19 n-Tetratriacontane (C34)

R.T.: 19.223 min
Delta R.T.: 0.003 min
Response: 2847165
Conc: 19.83 ug/ml



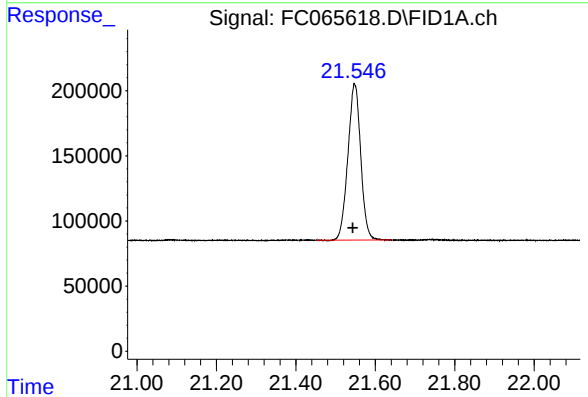
#20 n-Hexatriacontane (C36)

R.T.: 19.959 min
Delta R.T.: 0.002 min
Response: 2775529
Conc: 20.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.675 min
Delta R.T.: 0.000 min
Response: 2749034
Conc: 19.87 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.548 min
Delta R.T.: 0.005 min
Response: 2693290
Conc: 19.46 ug/ml