

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011224AL\
 Data File : FC065565.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jan 2024 09:04
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 13 02:04:37 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	3721063	20.462 ug/ml
Spiked Amount 50.000		Recovery =	40.92%
12) S 1-chlorooctadecane (S...	12.924	2701795	20.044 ug/ml
Spiked Amount 50.000		Recovery =	40.09%
Target Compounds			
1) T n-Nonane (C9)	3.287	2853518	18.267 ug/ml
2) T n-Decane (C10)	4.349	2925927	18.495 ug/ml
3) T A~Naphthalene (C11.7)	5.935	2732852	16.342 ug/ml
4) T n-Dodecane (C12)	6.362	2978500	18.564 ug/ml
5) T A~2-methylnaphthalene...	6.991	2526558	16.373 ug/ml
6) T n-Tetradecane (C14)	8.150	2889276	18.422 ug/ml
7) T n-Hexadecane (C16)	9.745	2915025	18.227 ug/ml
8) T n-Octadecane (C18)	11.179	3005747	18.352 ug/ml
10) T n-Eicosane (C20)	12.482	2983273	18.730 ug/ml
11) T n-Heneicosane (C21)	13.089	2968168	18.918 ug/ml
13) T n-Docosane (C22)	13.673	2942475	18.846 ug/ml
14) T n-Tetracosane (C24)	14.771	2926998	18.832 ug/ml
15) T n-Hexacosane (C26)	15.786	2894888	18.857 ug/ml
16) T n-Octacosane (C28)	16.732	2896193	19.215 ug/ml
17) T n-Tricontane (C30)	17.614	3018619	19.765 ug/ml
18) T n-Dotriacontane (C32)	18.443	3026273	20.098 ug/ml
19) T n-Tetratriacontane (C34)	19.223	2881463	20.068 ug/ml
20) T n-Hexatriacontane (C36)	19.959	2780705	20.186 ug/ml
21) T n-Octatriacontane (C38)	20.676	2664393	19.258 ug/ml
22) T n-Tetracontane (C40)	21.545	2543536	18.382 ug/ml

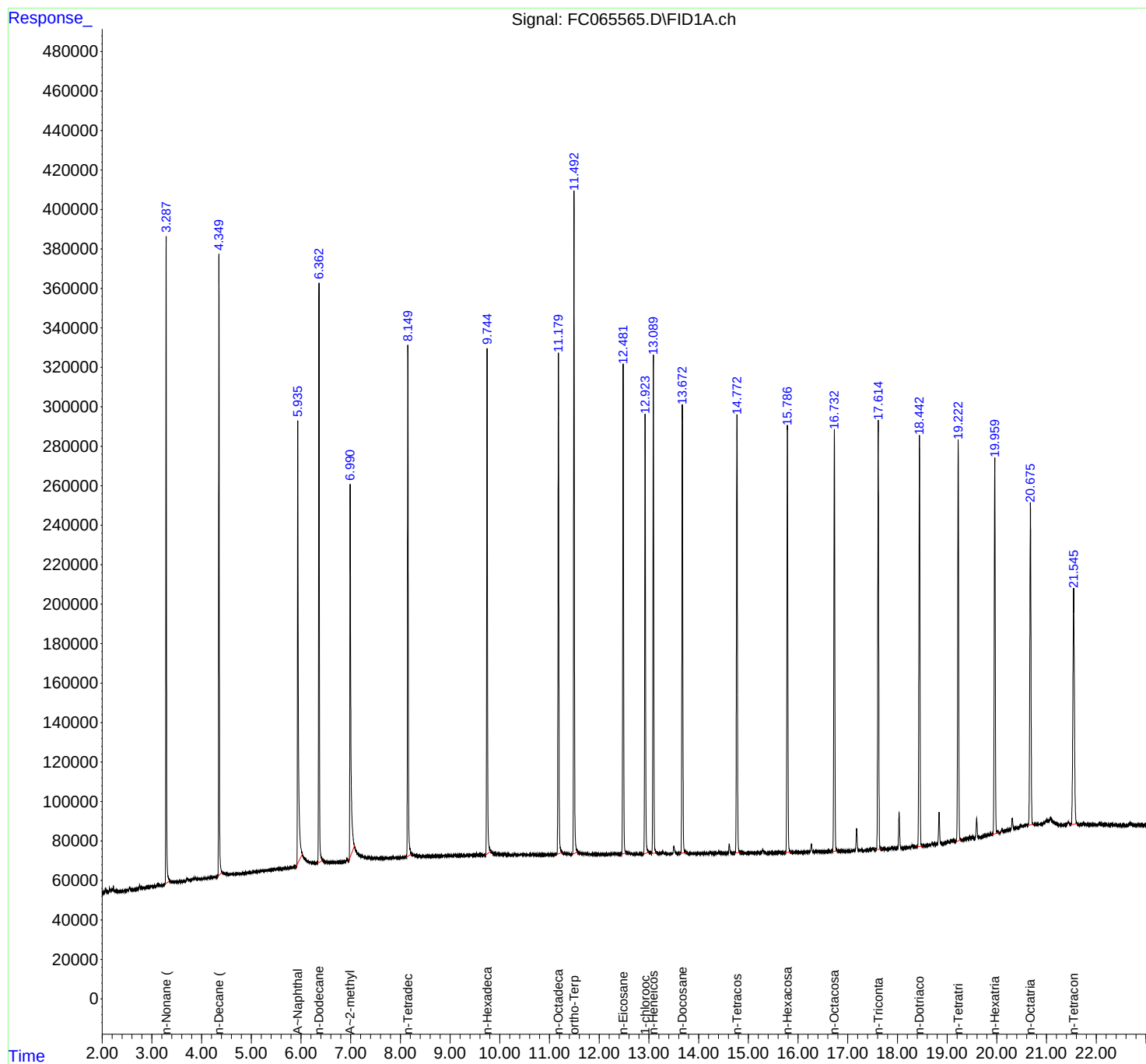
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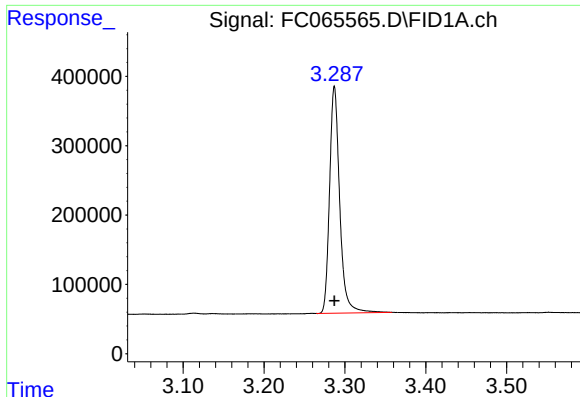
(m)=manual int.

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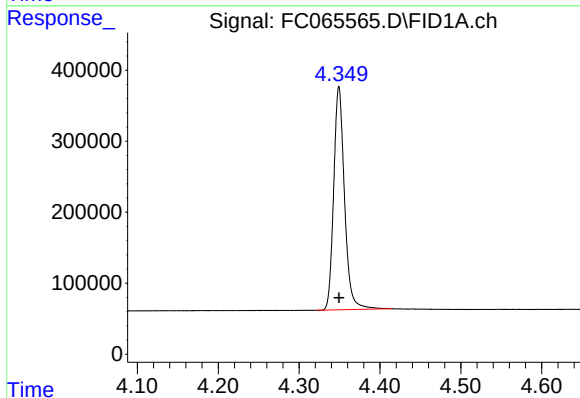
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Signal Info : 20M x 0.18mm x 0.18um





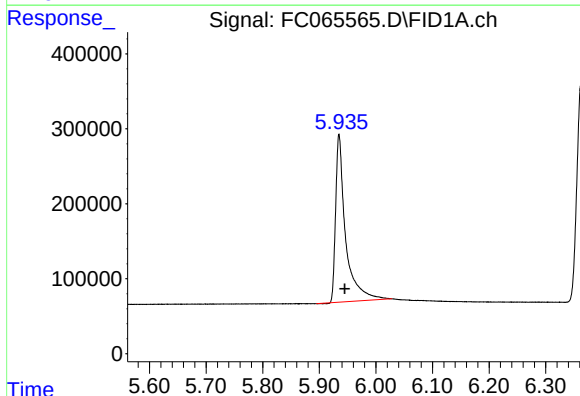
#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: 0.000 min
Response: 2853518
Conc: 18.27 ug/ml



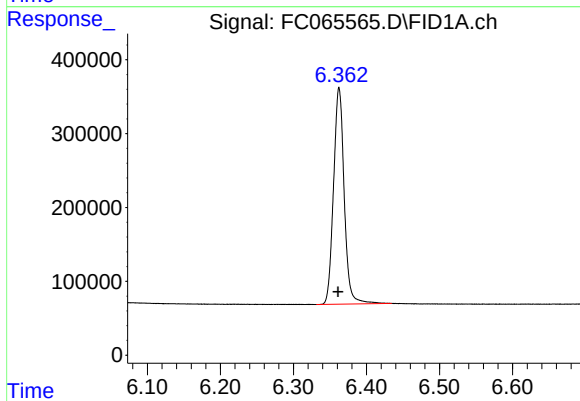
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 2925927
Conc: 18.50 ug/ml



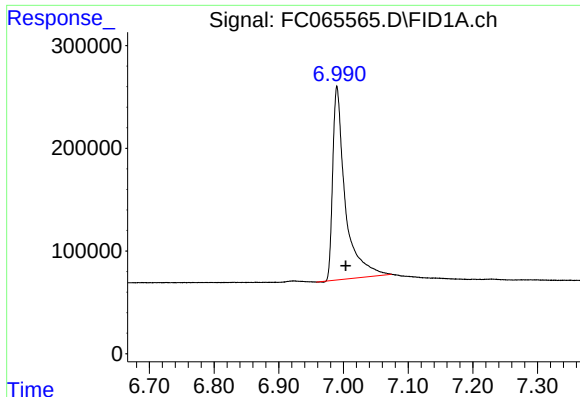
#3 A~Naphthalene (C11.7)

R.T.: 5.935 min
Delta R.T.: -0.010 min
Response: 2732852
Conc: 16.34 ug/ml



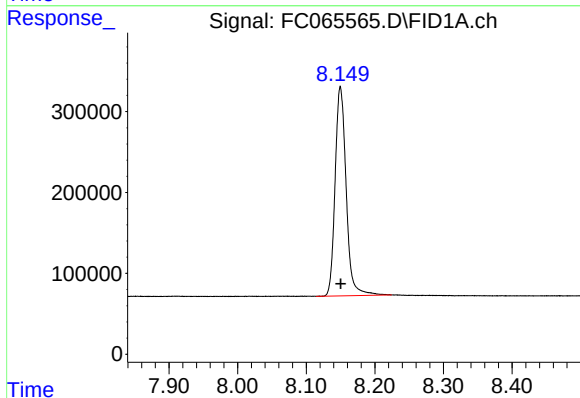
#4 n-Dodecane (C12)

R.T.: 6.362 min
Delta R.T.: 0.001 min
Response: 2978500
Conc: 18.56 ug/ml



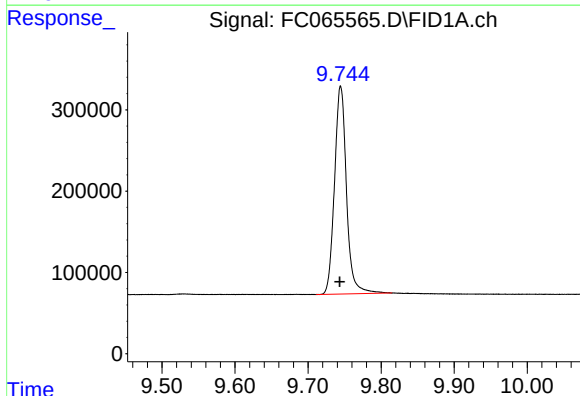
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.991 min
Delta R.T.: -0.013 min
Response: 2526558
Conc: 16.37 ug/ml



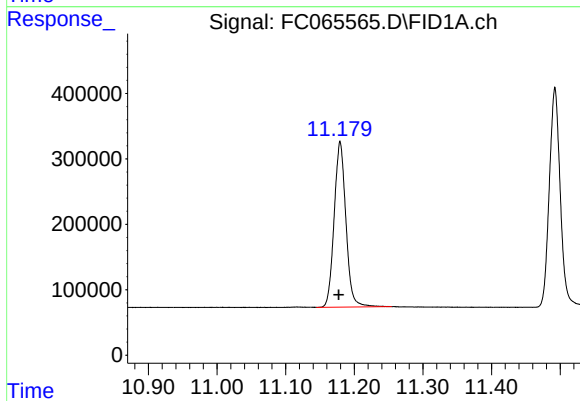
#6 n-Tetradecane (C14)

R.T.: 8.150 min
Delta R.T.: 0.000 min
Response: 2889276
Conc: 18.42 ug/ml



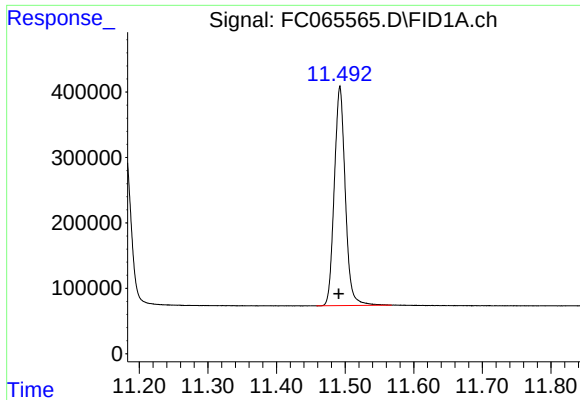
#7 n-Hexadecane (C16)

R.T.: 9.745 min
Delta R.T.: 0.001 min
Response: 2915025
Conc: 18.23 ug/ml



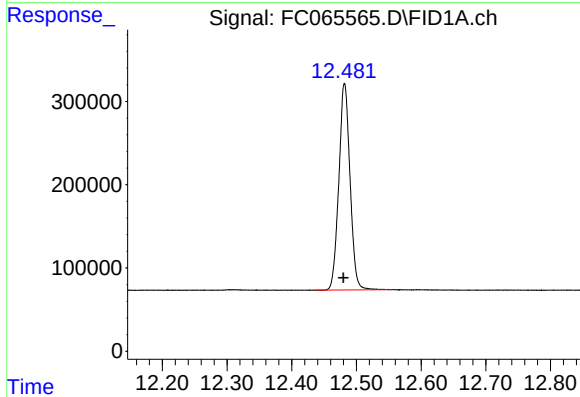
#8 n-Octadecane (C18)

R.T.: 11.179 min
Delta R.T.: 0.002 min
Response: 3005747
Conc: 18.35 ug/ml



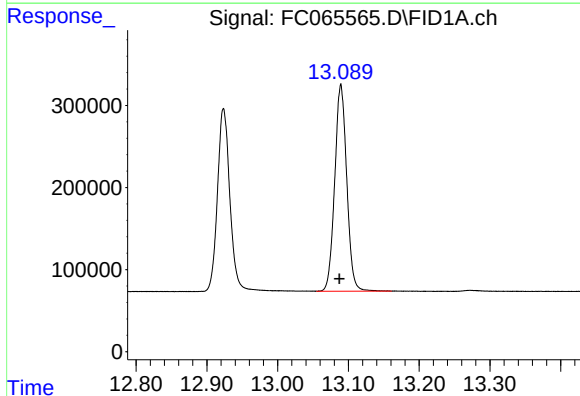
#9 ortho-Terphenyl (SURR)

R.T.: 11.492 min
Delta R.T.: 0.002 min
Response: 3721063
Conc: 20.46 ug/ml



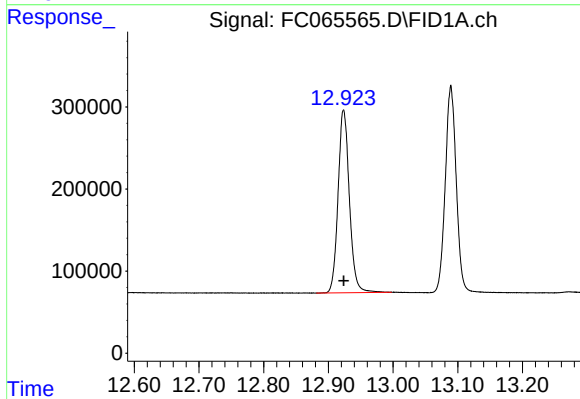
#10 n-Eicosane (C20)

R.T.: 12.482 min
Delta R.T.: 0.002 min
Response: 2983273
Conc: 18.73 ug/ml



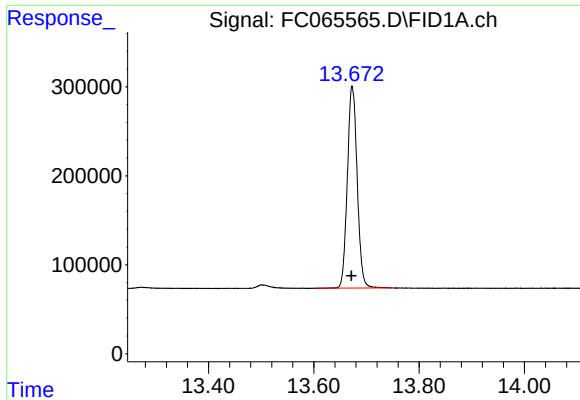
#11 n-Heneicosane (C21)

R.T.: 13.089 min
Delta R.T.: 0.002 min
Response: 2968168
Conc: 18.92 ug/ml



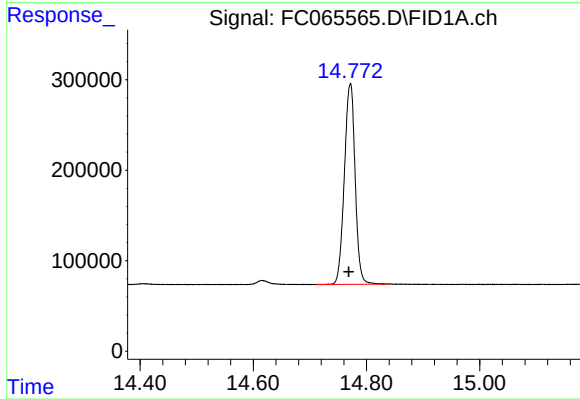
#12 1-chlorooctadecane (SURR)

R.T.: 12.924 min
Delta R.T.: 0.000 min
Response: 2701795
Conc: 20.04 ug/ml



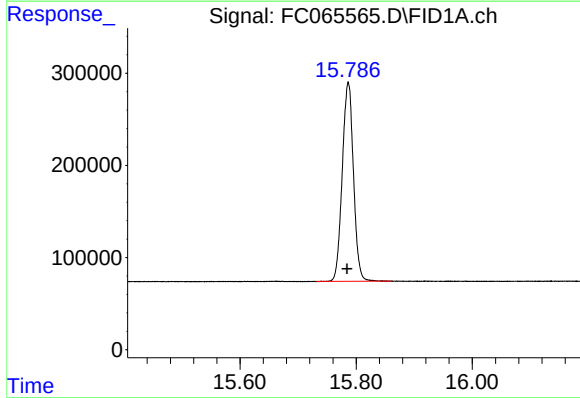
#13 n-Docosane (C22)

R.T.: 13.673 min
Delta R.T.: 0.002 min
Response: 2942475
Conc: 18.85 ug/ml



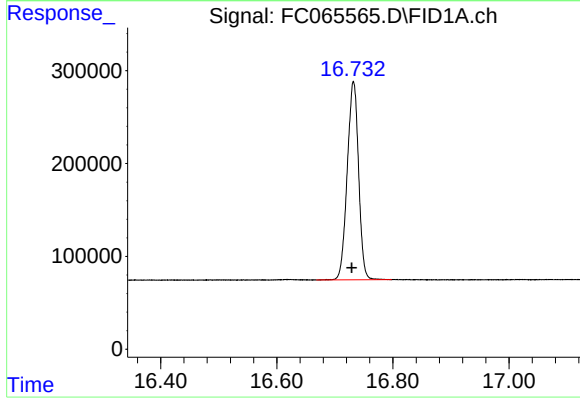
#14 n-Tetracosane (C24)

R.T.: 14.771 min
Delta R.T.: 0.003 min
Response: 2926998
Conc: 18.83 ug/ml



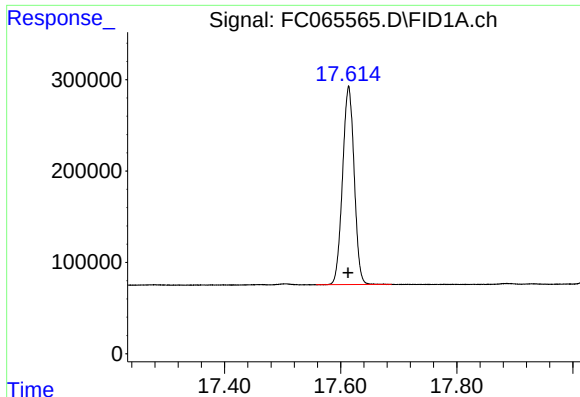
#15 n-Hexacosane (C26)

R.T.: 15.786 min
Delta R.T.: 0.002 min
Response: 2894888
Conc: 18.86 ug/ml



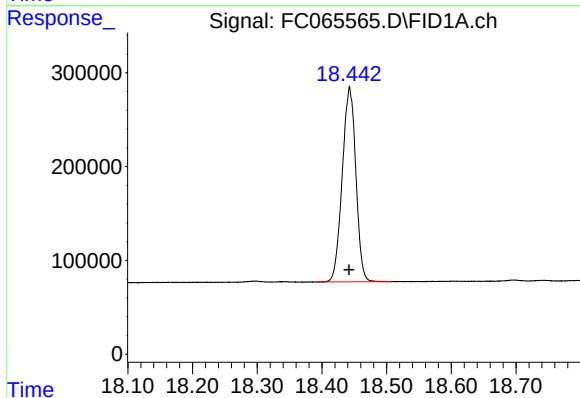
#16 n-Octacosane (C28)

R.T.: 16.732 min
Delta R.T.: 0.003 min
Response: 2896193
Conc: 19.22 ug/ml



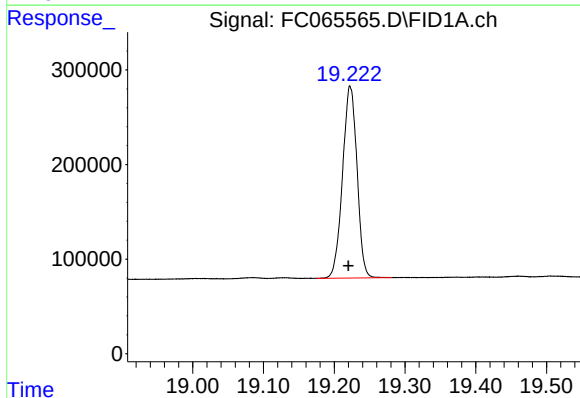
#17 n-Tricontane (C30)

R.T.: 17.614 min
Delta R.T.: 0.001 min
Response: 3018619
Conc: 19.76 ug/ml



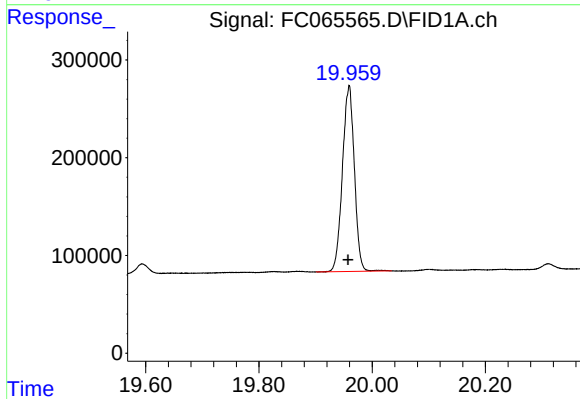
#18 n-Dotriacontane (C32)

R.T.: 18.443 min
Delta R.T.: 0.001 min
Response: 3026273
Conc: 20.10 ug/ml



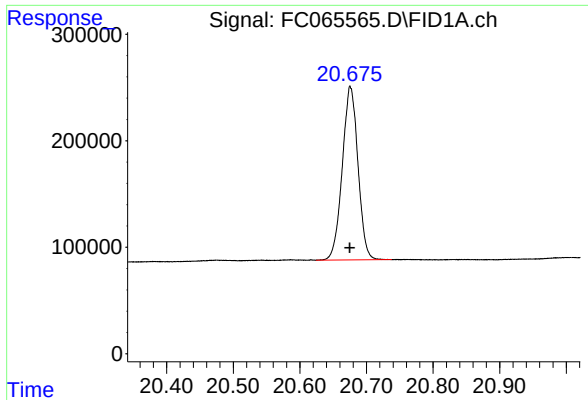
#19 n-Tetratriacontane (C34)

R.T.: 19.223 min
Delta R.T.: 0.003 min
Response: 2881463
Conc: 20.07 ug/ml



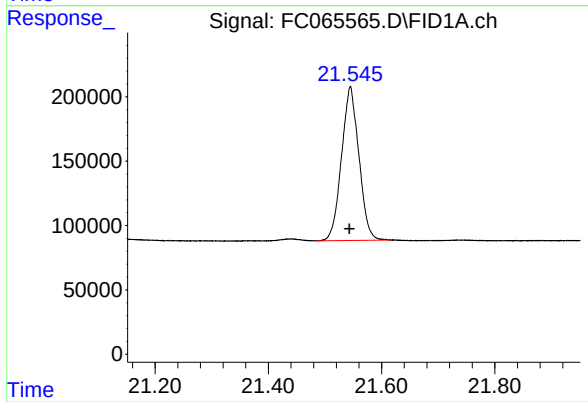
#20 n-Hexatriacontane (C36)

R.T.: 19.959 min
Delta R.T.: 0.002 min
Response: 2780705
Conc: 20.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.676 min
Delta R.T.: 0.000 min
Response: 2664393
Conc: 19.26 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.545 min
Delta R.T.: 0.001 min
Response: 2543536
Conc: 18.38 ug/ml