

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030424AL\
 Data File : FC065962.D
 Signal(s) : FID1A.ch
 Acq On : 04 Mar 2024 12:26
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 04 13:07:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:04:05 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	986931	5.063 ug/ml
Spiked Amount 50.000		Recovery =	10.13%
12) S 1-chlorooctadecane (S...	12.924	720478	4.928 ug/ml
Spiked Amount 50.000		Recovery =	9.86%
Target Compounds			
1) T n-Nonane (C9)	3.284	803576	4.764 ug/ml
2) T n-Decane (C10)	4.346	841939	4.819 ug/ml
3) T A~Naphthalene (C11.7)	5.945	740966	3.957 ug/ml
4) T n-Dodecane (C12)	6.360	851801	4.794 ug/ml
5) T A~2-methylnaphthalene...	7.004	600681	3.394 ug/ml
6) T n-Tetradecane (C14)	8.149	843774	4.817 ug/ml
7) T n-Hexadecane (C16)	9.744	869901	4.838 ug/ml
8) T n-Octadecane (C18)	11.179	920030	5.077 ug/ml
10) T n-Eicosane (C20)	12.481	879729	5.048 ug/ml
11) T n-Heneicosane (C21)	13.089	885972	5.138 ug/ml
13) T n-Docosane (C22)	13.672	876167	5.119 ug/ml
14) T n-Tetracosane (C24)	14.769	863544	5.070 ug/ml
15) T n-Hexacosane (C26)	15.784	859326	5.130 ug/ml
16) T n-Octacosane (C28)	16.727	854539	5.176 ug/ml
17) T n-Tricontane (C30)	17.609	901811	5.357 ug/ml
18) T n-Dotriacontane (C32)	18.437	897489	5.412 ug/ml
19) T n-Tetratriacontane (C34)	19.218	862677	5.334 ug/ml
20) T n-Hexatriacontane (C36)	19.953	821726	5.212 ug/ml
21) T n-Octatriacontane (C38)	20.669	802579	5.156 ug/ml
22) T n-Tetracontane (C40)	21.537	872404	5.663 ug/ml

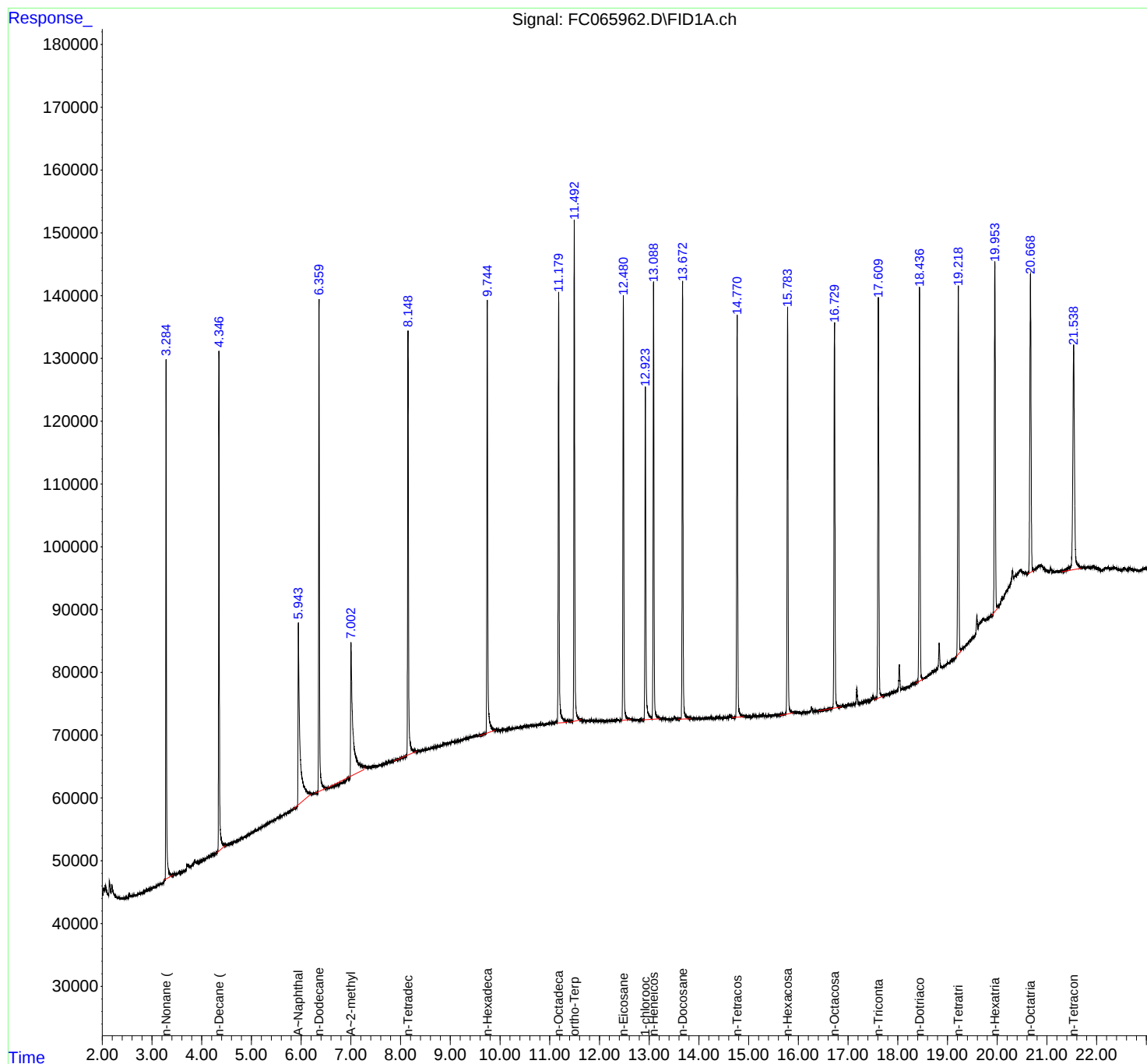
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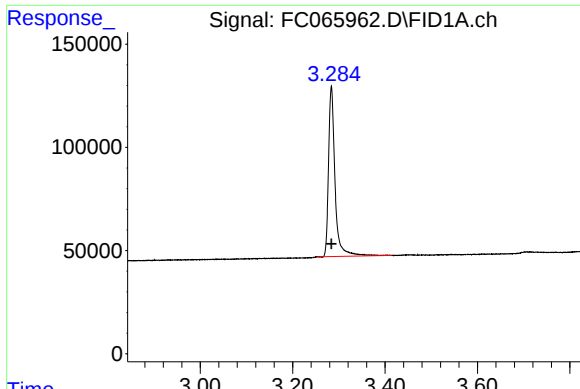
(m)=manual int.

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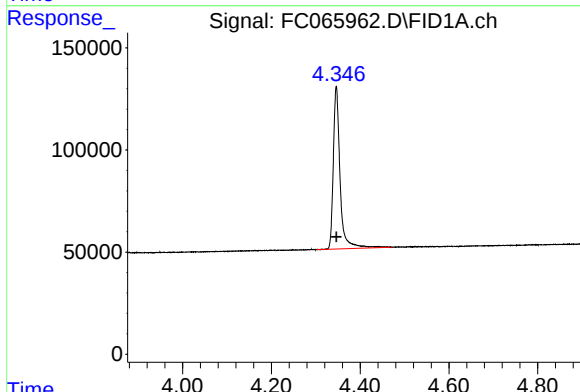
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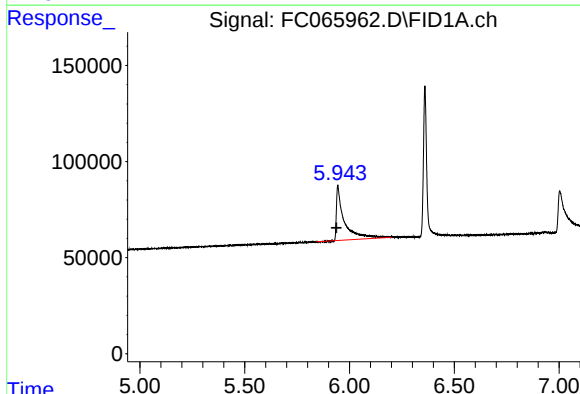
#1 n-Nonane (C9)

R.T.: 3.284 min
Delta R.T.: 0.000 min
Response: 803576
Conc: 4.76 ug/ml



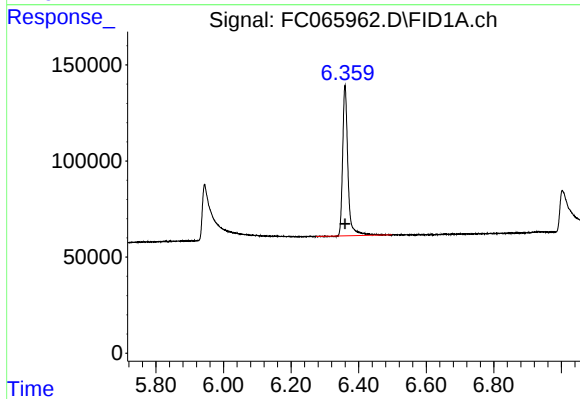
#2 n-Decane (C10)

R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 841939
Conc: 4.82 ug/ml



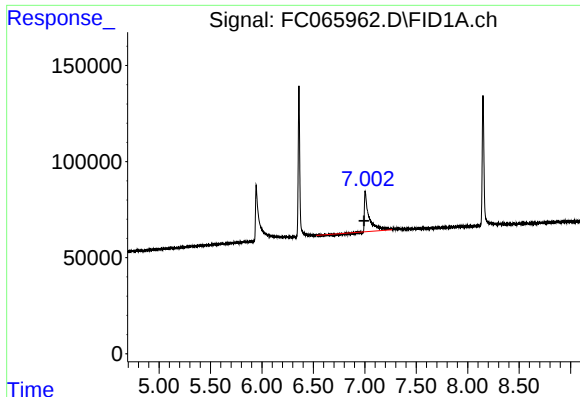
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: 0.008 min
Response: 740966
Conc: 3.96 ug/ml



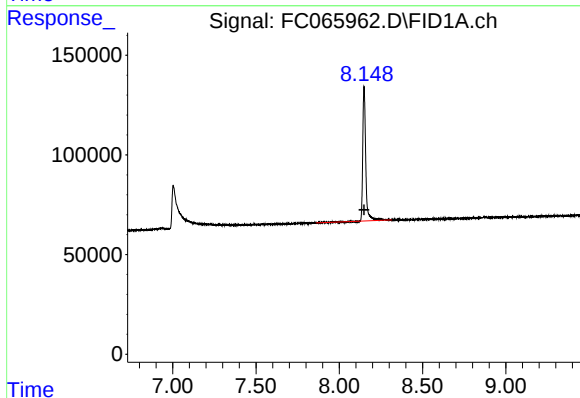
#4 n-Dodecane (C12)

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 851801
Conc: 4.79 ug/ml



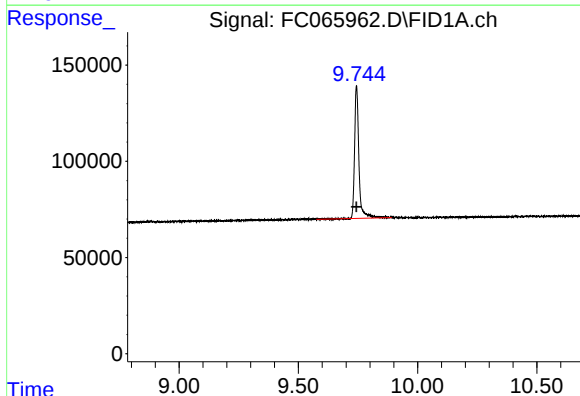
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.004 min
Delta R.T.: 0.011 min
Response: 600681
Conc: 3.39 ug/ml



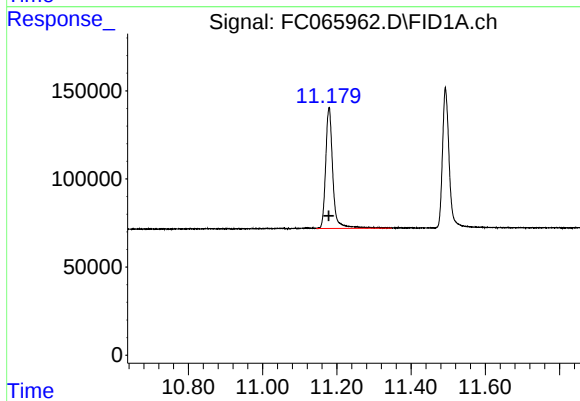
#6 n-Tetradecane (C14)

R.T.: 8.149 min
Delta R.T.: 0.000 min
Response: 843774
Conc: 4.82 ug/ml



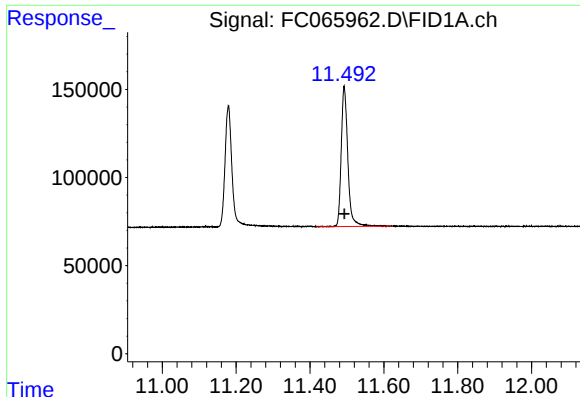
#7 n-Hexadecane (C16)

R.T.: 9.744 min
Delta R.T.: 0.000 min
Response: 869901
Conc: 4.84 ug/ml



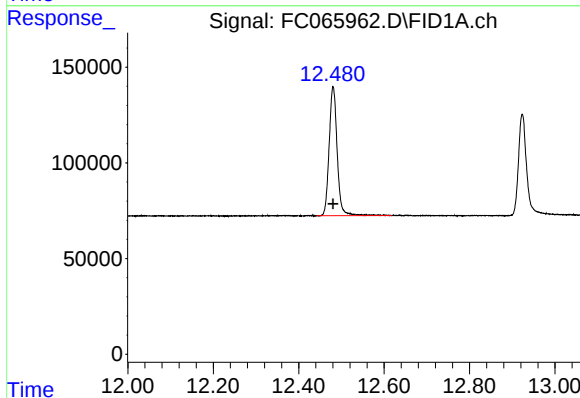
#8 n-Octadecane (C18)

R.T.: 11.179 min
Delta R.T.: 0.001 min
Response: 920030
Conc: 5.08 ug/ml



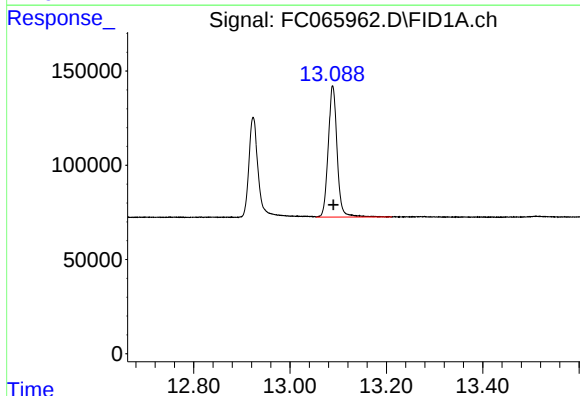
#9 ortho-Terphenyl (SURR)

R.T.: 11.493 min
Delta R.T.: 0.000 min
Response: 986931
Conc: 5.06 ug/ml



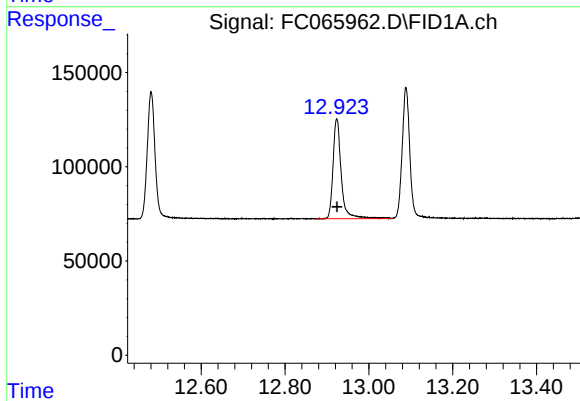
#10 n-Eicosane (C20)

R.T.: 12.481 min
Delta R.T.: 0.000 min
Response: 879729
Conc: 5.05 ug/ml



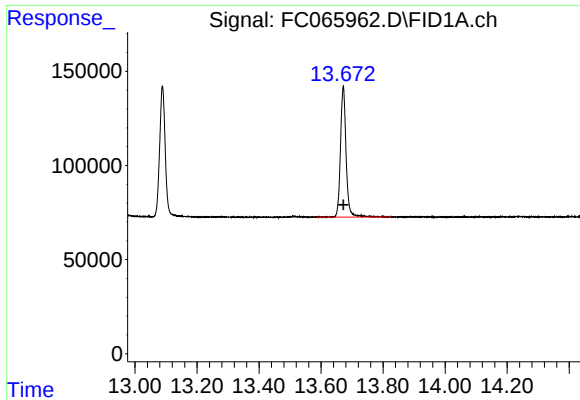
#11 n-Heneicosane (C21)

R.T.: 13.089 min
Delta R.T.: 0.000 min
Response: 885972
Conc: 5.14 ug/ml



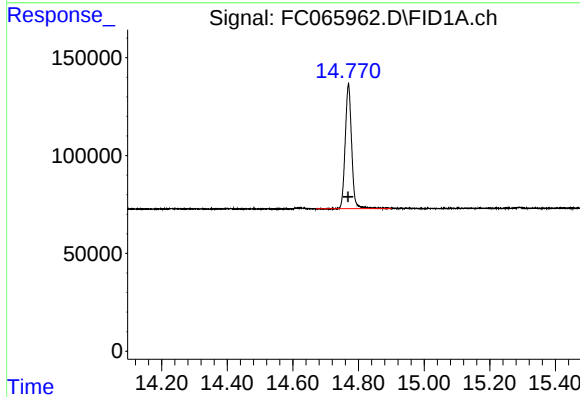
#12 1-chlorooctadecane (SURR)

R.T.: 12.924 min
Delta R.T.: 0.000 min
Response: 720478
Conc: 4.93 ug/ml



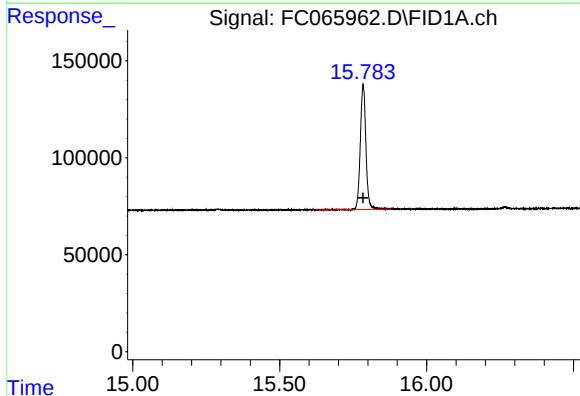
#13 n-Docosane (C22)

R.T.: 13.672 min
Delta R.T.: 0.000 min
Response: 876167
Conc: 5.12 ug/ml



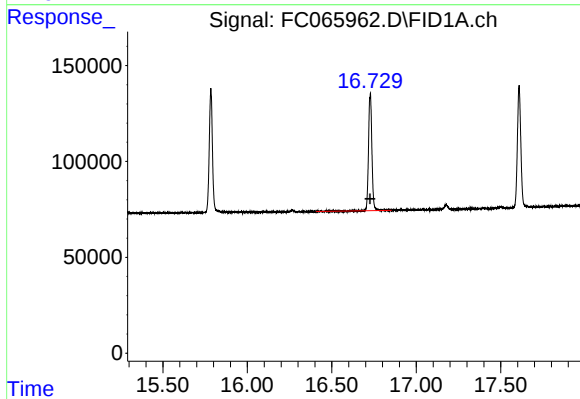
#14 n-Tetracosane (C24)

R.T.: 14.769 min
Delta R.T.: 0.001 min
Response: 863544
Conc: 5.07 ug/ml



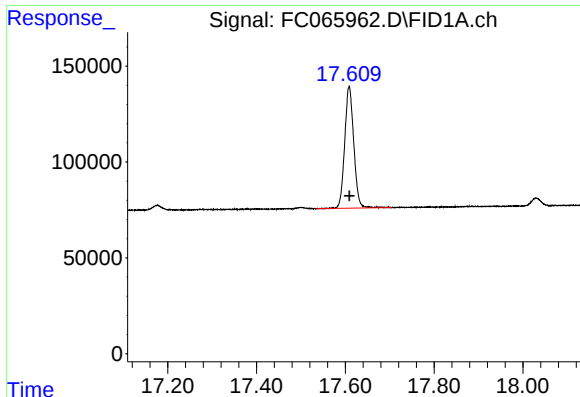
#15 n-Hexacosane (C26)

R.T.: 15.784 min
Delta R.T.: 0.000 min
Response: 859326
Conc: 5.13 ug/ml



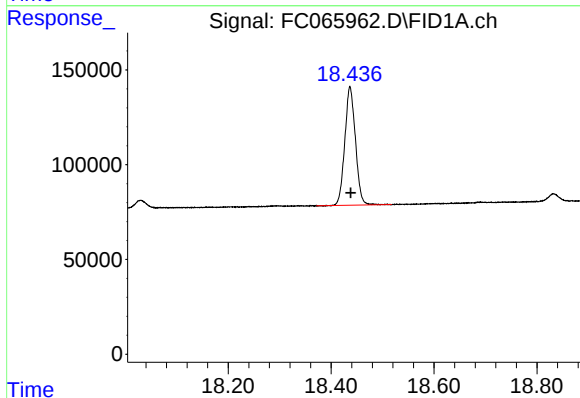
#16 n-Octacosane (C28)

R.T.: 16.727 min
Delta R.T.: 0.000 min
Response: 854539
Conc: 5.18 ug/ml



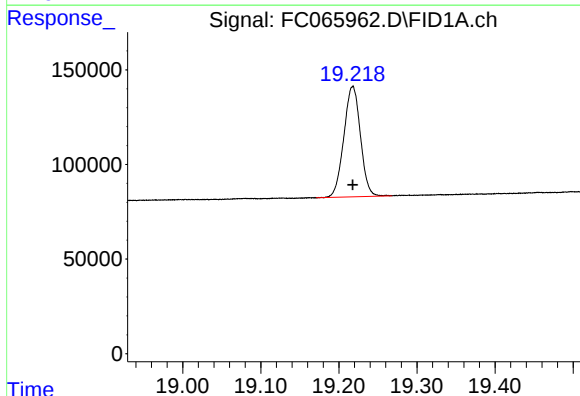
#17 n-Tricontane (C30)

R.T.: 17.609 min
Delta R.T.: 0.000 min
Response: 901811
Conc: 5.36 ug/ml



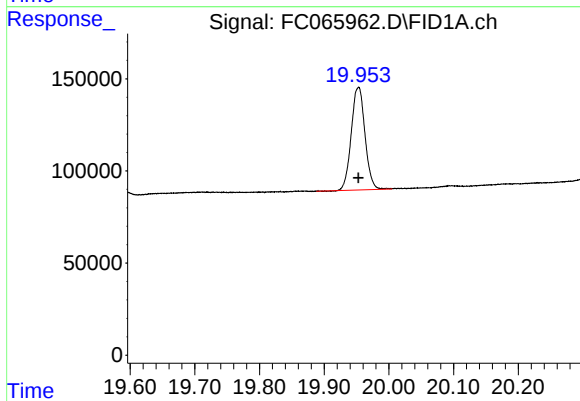
#18 n-Dotriacontane (C32)

R.T.: 18.437 min
Delta R.T.: 0.000 min
Response: 897489
Conc: 5.41 ug/ml



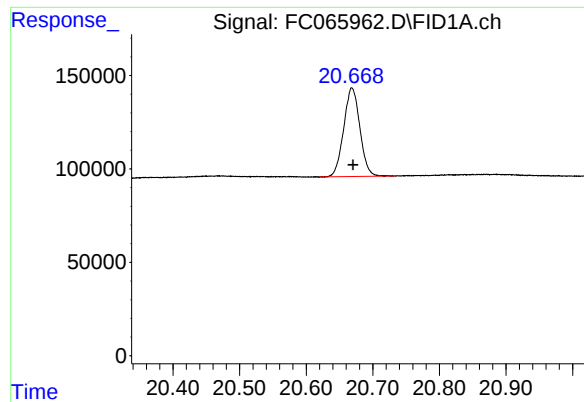
#19 n-Tetratriacontane (C34)

R.T.: 19.218 min
Delta R.T.: 0.000 min
Response: 862677
Conc: 5.33 ug/ml



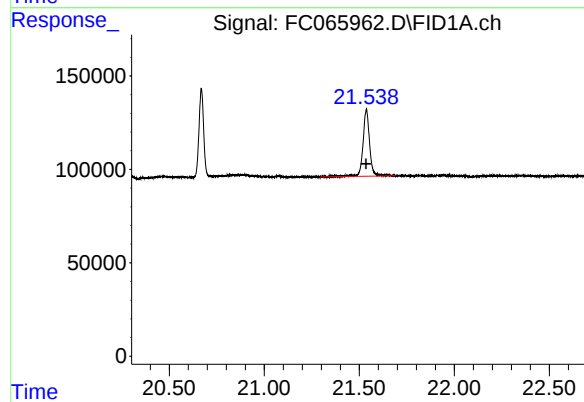
#20 n-Hexatriacontane (C36)

R.T.: 19.953 min
Delta R.T.: 0.000 min
Response: 821726
Conc: 5.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.669 min
Delta R.T.: -0.001 min
Response: 802579
Conc: 5.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.537 min
Delta R.T.: 0.000 min
Response: 872404
Conc: 5.66 ug/ml