

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020824AL\
 Data File : FC065671.D
 Signal(s) : FID1A.ch
 Acq On : 08 Feb 2024 12:53
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 08 13:24:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 12:53:59 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)	11.491	826532	4.776 ug/ml
Spiked Amount 50.000		Recovery =	9.55%
12) S 1-chlorooctadecane (S...	12.922	578392	4.491 ug/ml
Spiked Amount 50.000		Recovery =	8.98%
Target Compounds			
1) T n-Nonane (C9)	3.283	700504	4.642 ug/ml
2) T n-Decane (C10)	4.346	703510	4.596 ug/ml
3) T A~Naphthalene (C11.7)	5.951	482596	3.148 ug/ml
4) T n-Dodecane (C12)	6.359	703418	4.529 ug/ml
5) T A~2-methylnaphthalene...	7.015	368663	2.536 ug/ml
6) T n-Tetradecane (C14)	8.148	677484	4.490 ug/ml
7) T n-Hexadecane (C16)	9.743	675105	4.402 ug/ml
8) T n-Octadecane (C18)	11.176	718543	4.554 ug/ml
10) T n-Eicosane (C20)	12.478	718757	4.697 ug/ml
11) T n-Heneicosane (C21)	13.086	726469	4.787 ug/ml
13) T n-Docosane (C22)	13.669	712691	4.736 ug/ml
14) T n-Tetracosane (C24)	14.767	720318	4.797 ug/ml
15) T n-Hexacosane (C26)	15.782	727411	4.879 ug/ml
16) T n-Octacosane (C28)	16.728	729169	4.969 ug/ml
17) T n-Tricontane (C30)	17.609	752746	5.036 ug/ml
18) T n-Dotriacontane (C32)	18.437	750742	5.122 ug/ml
19) T n-Tetratriacontane (C34)	19.217	733950	5.118 ug/ml
20) T n-Hexatriacontane (C36)	19.953	722305	5.174 ug/ml
21) T n-Octatriacontane (C38)	20.669	712930	5.144 ug/ml
22) T n-Tetracontane (C40)	21.539	695061	5.114 ug/ml

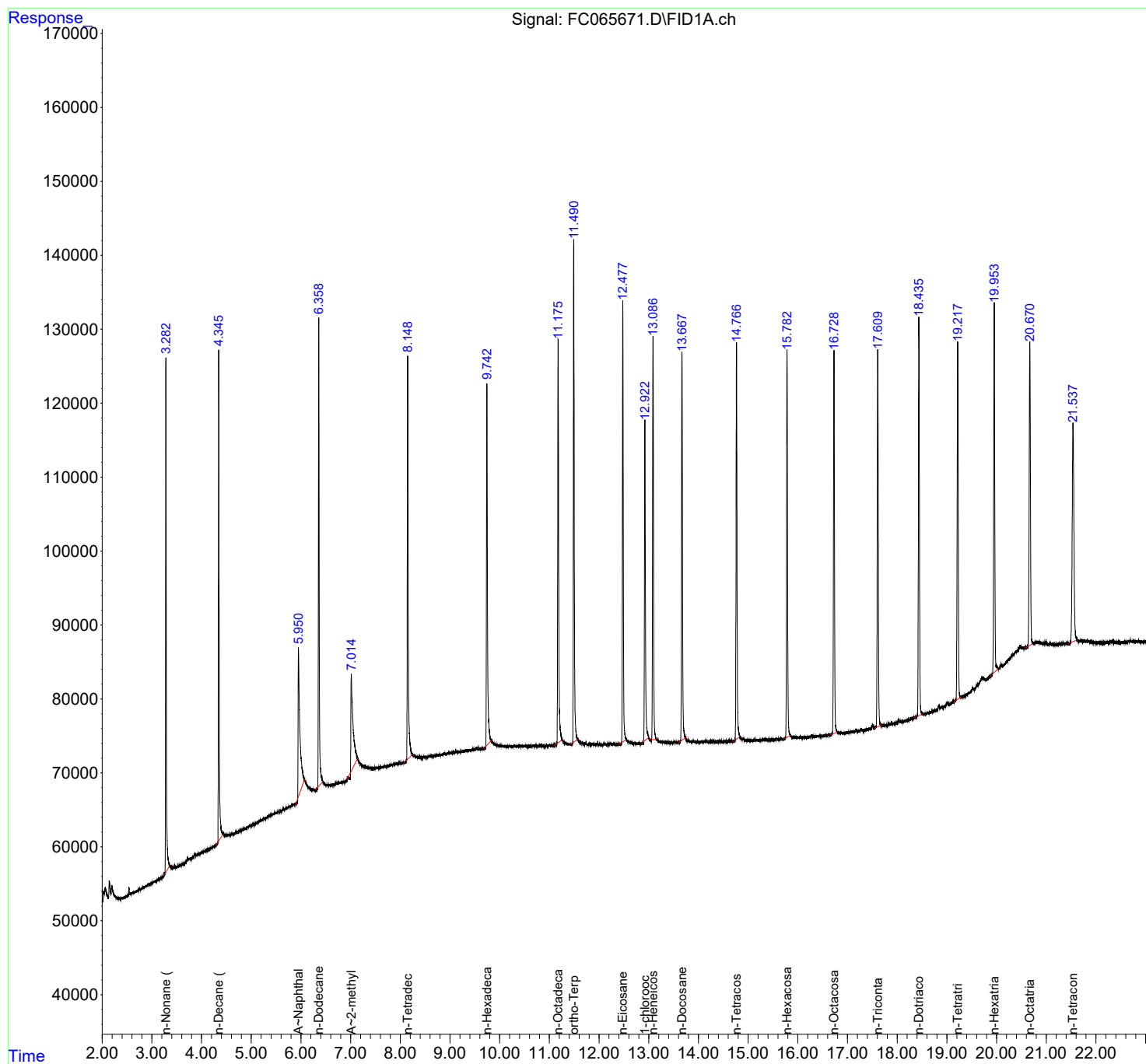
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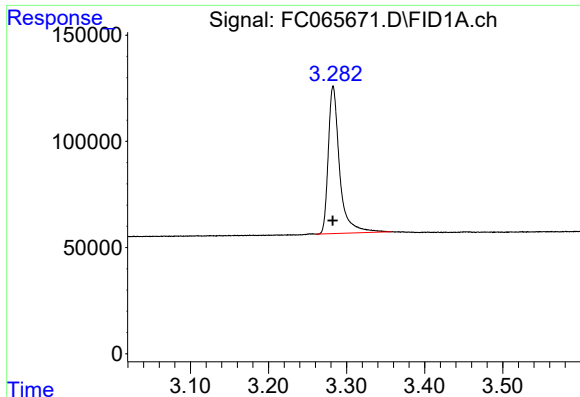
(m)=manual int.

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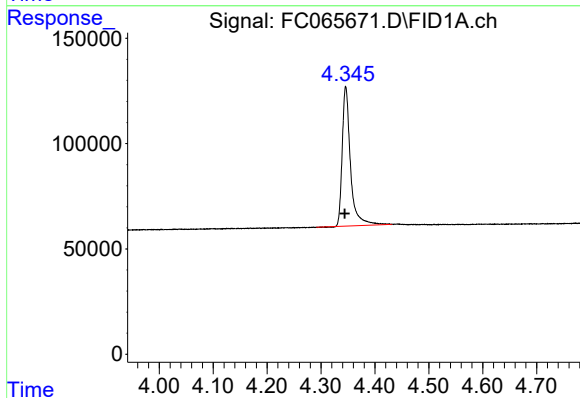
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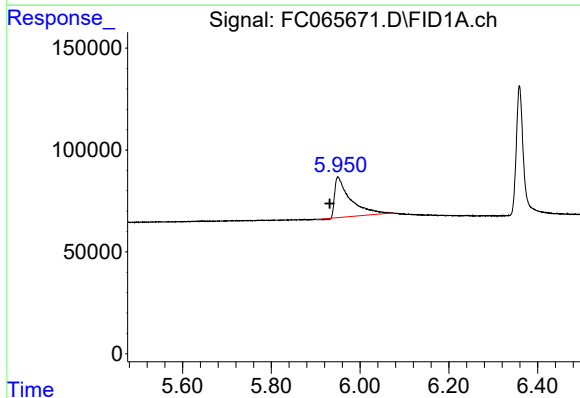
#1 n-Nonane (C9)

R.T.: 3.283 min
Delta R.T.: 0.001 min
Response: 700504
Conc: 4.64 ug/ml



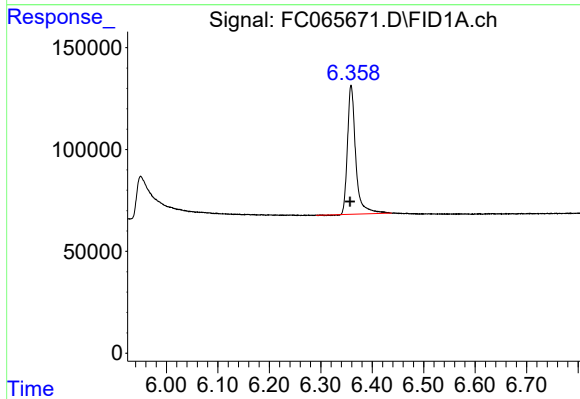
#2 n-Decane (C10)

R.T.: 4.346 min
Delta R.T.: 0.002 min
Response: 703510
Conc: 4.60 ug/ml



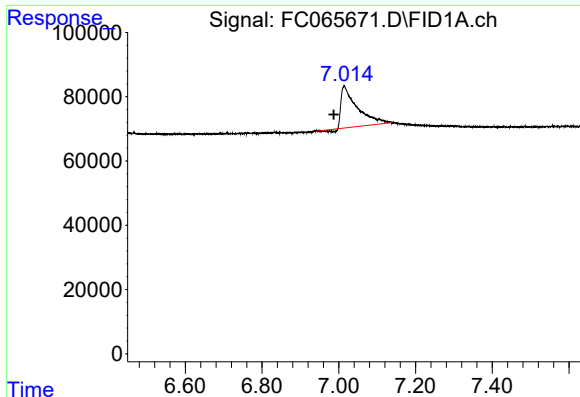
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: 0.020 min
Response: 482596
Conc: 3.15 ug/ml



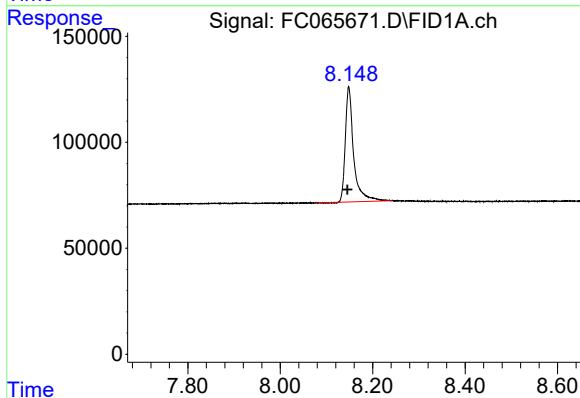
#4 n-Dodecane (C12)

R.T.: 6.359 min
Delta R.T.: 0.002 min
Response: 703418
Conc: 4.53 ug/ml



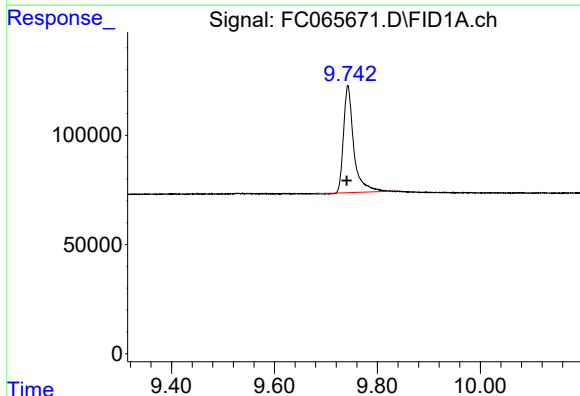
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.015 min
Delta R.T.: 0.028 min
Response: 368663
Conc: 2.54 ug/ml



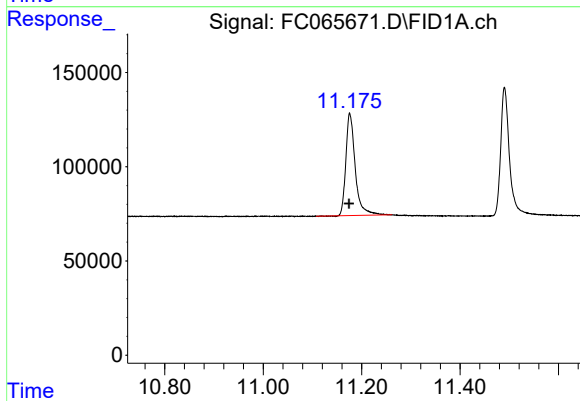
#6 n-Tetradecane (C14)

R.T.: 8.148 min
Delta R.T.: 0.003 min
Response: 677484
Conc: 4.49 ug/ml



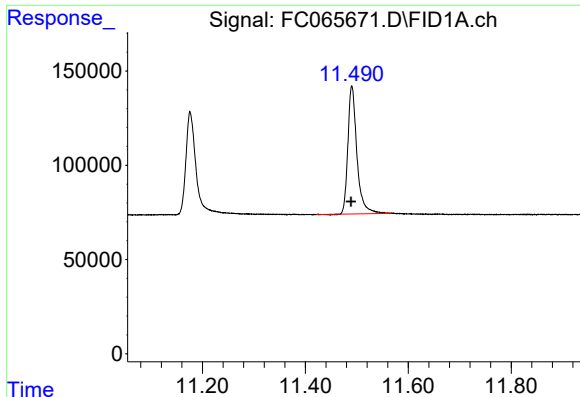
#7 n-Hexadecane (C16)

R.T.: 9.743 min
Delta R.T.: 0.002 min
Response: 675105
Conc: 4.40 ug/ml



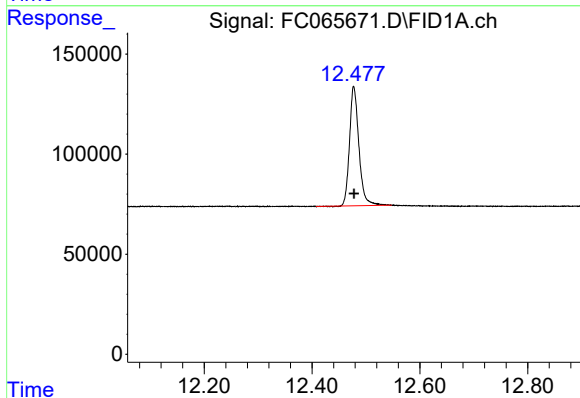
#8 n-Octadecane (C18)

R.T.: 11.176 min
Delta R.T.: 0.002 min
Response: 718543
Conc: 4.55 ug/ml



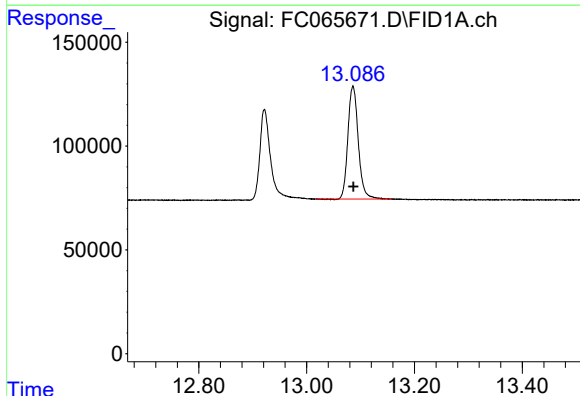
#9 ortho-Terphenyl (SURR)

R.T.: 11.491 min
Delta R.T.: 0.002 min
Response: 826532
Conc: 4.78 ug/ml



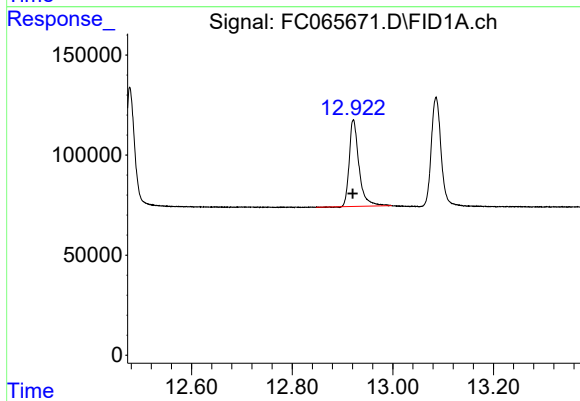
#10 n-Eicosane (C20)

R.T.: 12.478 min
Delta R.T.: 0.000 min
Response: 718757
Conc: 4.70 ug/ml



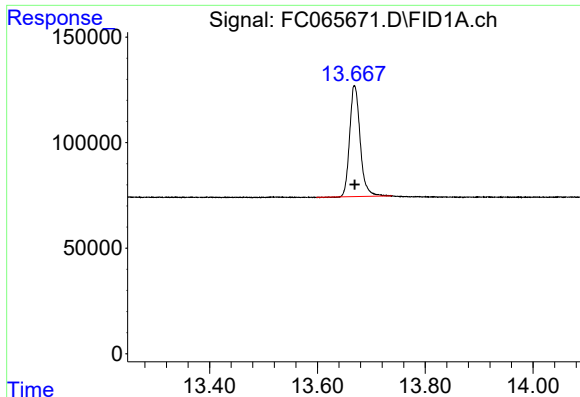
#11 n-Heneicosane (C21)

R.T.: 13.086 min
Delta R.T.: 0.000 min
Response: 726469
Conc: 4.79 ug/ml



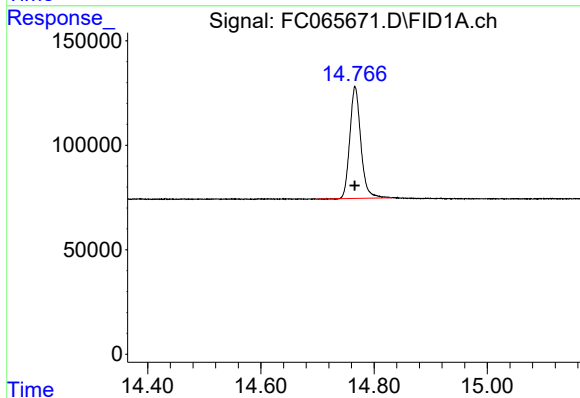
#12 1-chlorooctadecane (SURR)

R.T.: 12.922 min
Delta R.T.: 0.002 min
Response: 578392
Conc: 4.49 ug/ml



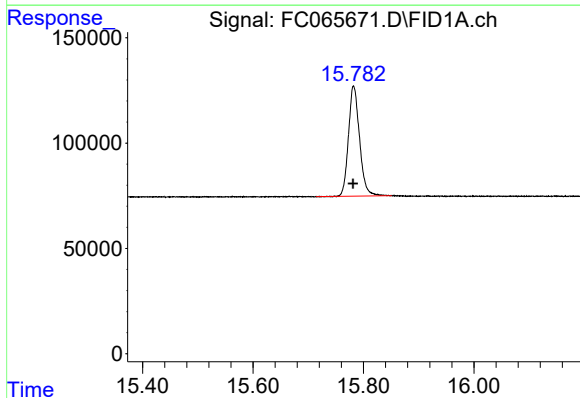
#13 n-Docosane (C22)

R.T.: 13.669 min
Delta R.T.: 0.000 min
Response: 712691
Conc: 4.74 ug/ml



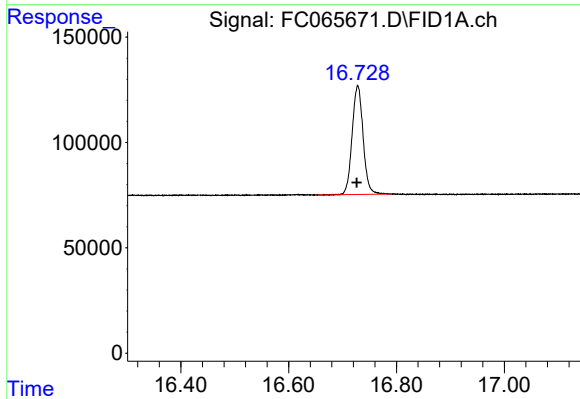
#14 n-Tetracosane (C24)

R.T.: 14.767 min
Delta R.T.: 0.000 min
Response: 720318
Conc: 4.80 ug/ml



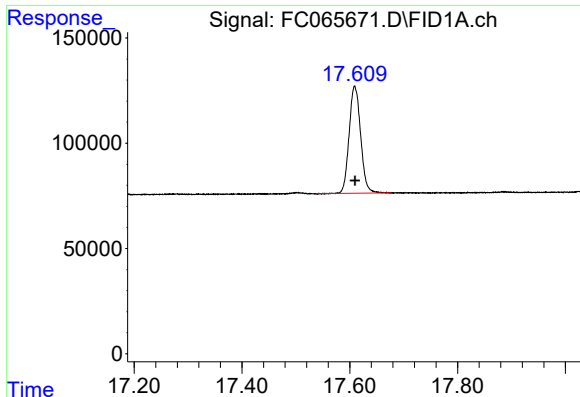
#15 n-Hexacosane (C26)

R.T.: 15.782 min
Delta R.T.: 0.001 min
Response: 727411
Conc: 4.88 ug/ml



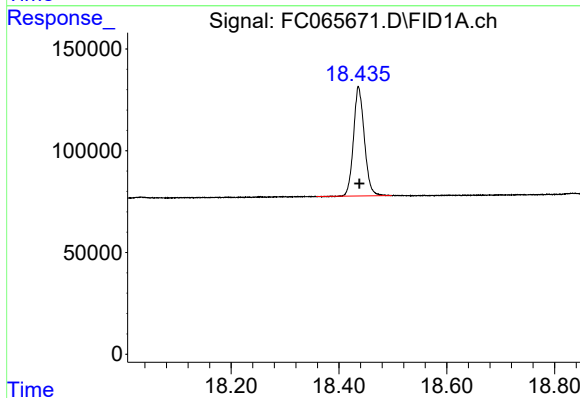
#16 n-Octacosane (C28)

R.T.: 16.728 min
Delta R.T.: 0.002 min
Response: 729169
Conc: 4.97 ug/ml



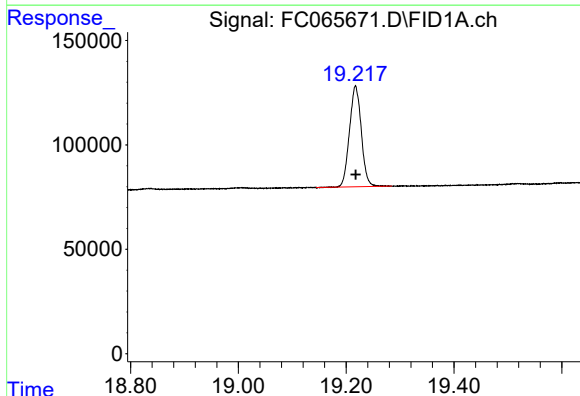
#17 n-Tricontane (C30)

R.T.: 17.609 min
Delta R.T.: 0.000 min
Response: 752746
Conc: 5.04 ug/ml



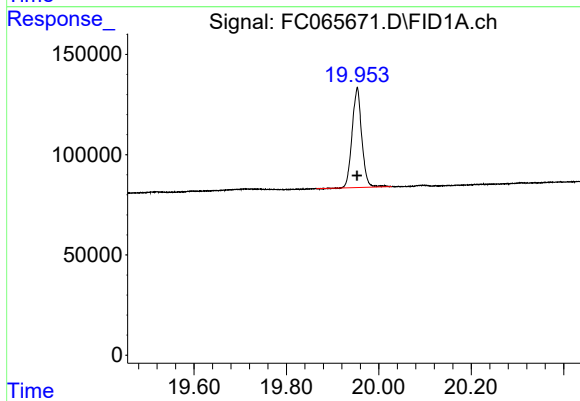
#18 n-Dotriacontane (C32)

R.T.: 18.437 min
Delta R.T.: -0.001 min
Response: 750742
Conc: 5.12 ug/ml



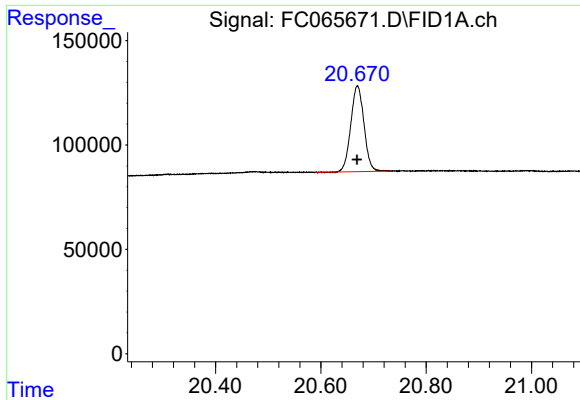
#19 n-Tetratriacontane (C34)

R.T.: 19.217 min
Delta R.T.: 0.000 min
Response: 733950
Conc: 5.12 ug/ml



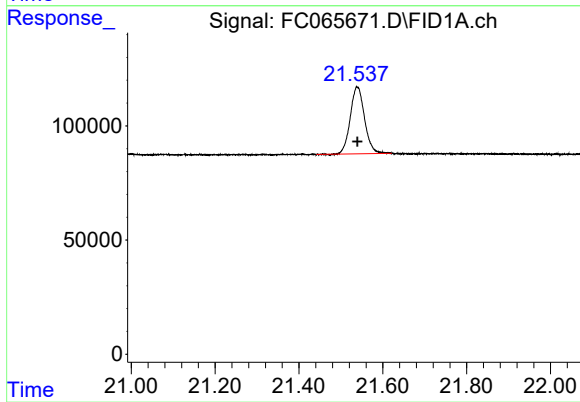
#20 n-Hexatriacontane (C36)

R.T.: 19.953 min
Delta R.T.: 0.000 min
Response: 722305
Conc: 5.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.669 min
Delta R.T.: 0.000 min
Response: 712930
Conc: 5.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.539 min
Delta R.T.: 0.000 min
Response: 695061
Conc: 5.11 ug/ml