

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022223AL\
 Data File : FC062968.D
 Signal(s) : FID1A.ch
 Acq On : 21 Feb 2023 19:37
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 22 04:33:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022223.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:30:51 2023
 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)	11.534	675845	5.220 ug/ml
Spiked Amount 50.000		Recovery =	10.44%
12) S 1-chlorooctadecane (S...	12.974	488106	4.984 ug/ml
Spiked Amount 50.000		Recovery =	9.97%
Target Compounds			
1) T n-Nonane (C9)	3.297	599725	5.027 ug/ml
2) T n-Decane (C10)	4.363	578759	4.990 ug/ml
3) T A~Naphthalene (C11.7)	5.948	605706	4.665 ug/ml
4) T n-Dodecane (C12)	6.382	580945	5.000 ug/ml
5) T A~2-methylnaphthalene...	7.005	529095	4.354 ug/ml
6) T n-Tetradecane (C14)	8.179	554985	4.868 ug/ml
7) T n-Hexadecane (C16)	9.779	571792	4.908 ug/ml
8) T n-Octadecane (C18)	11.221	584617	4.979 ug/ml
10) T n-Eicosane (C20)	12.529	584819	5.130 ug/ml
11) T n-Heneicosane (C21)	13.141	584089	5.131 ug/ml
13) T n-Docosane (C22)	13.729	577519	5.132 ug/ml
14) T n-Tetracosane (C24)	14.830	574556	5.136 ug/ml
15) T n-Hexacosane (C26)	15.850	566186	5.117 ug/ml
16) T n-Octacosane (C28)	16.798	566085	5.145 ug/ml
17) T n-Tricontane (C30)	17.683	570114	5.181 ug/ml
18) T n-Dotriacontane (C32)	18.514	580334	5.201 ug/ml
19) T n-Tetratriacontane (C34)	19.297	580040	5.183 ug/ml
20) T n-Hexatriacontane (C36)	20.033	564908	5.171 ug/ml
21) T n-Octatriacontane (C38)	20.762	566360	5.195 ug/ml
22) T n-Tetracontane (C40)	21.660	561173	5.130 ug/ml

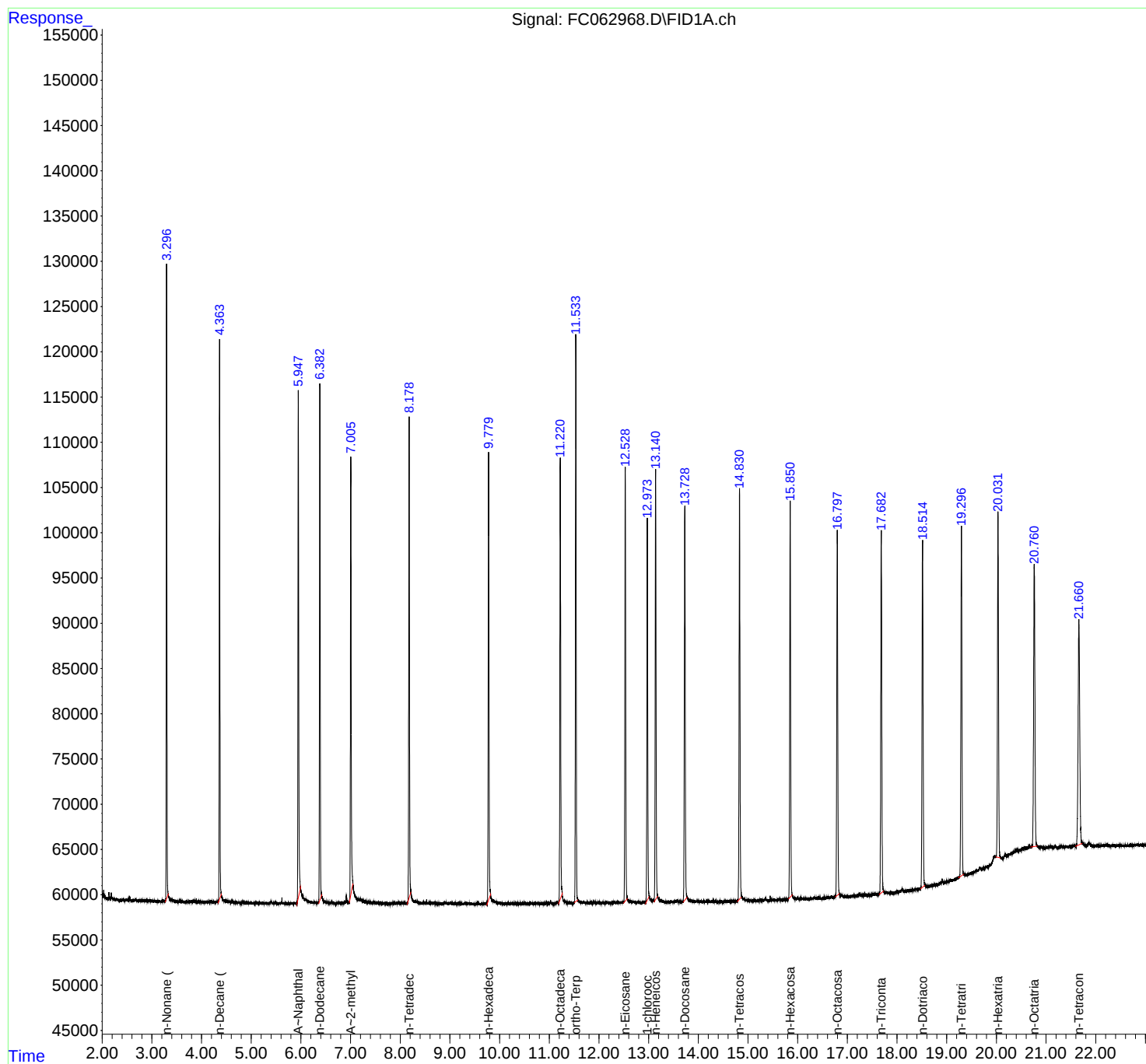
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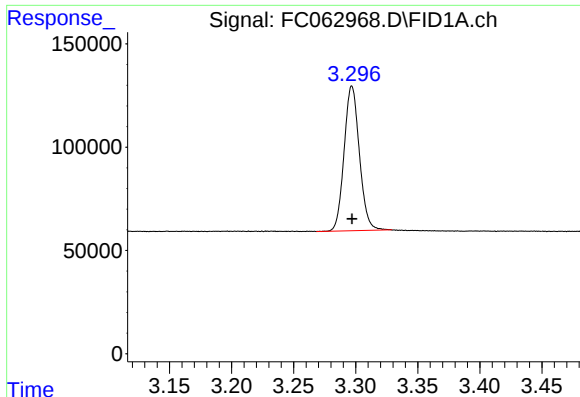
(m)=manual int.

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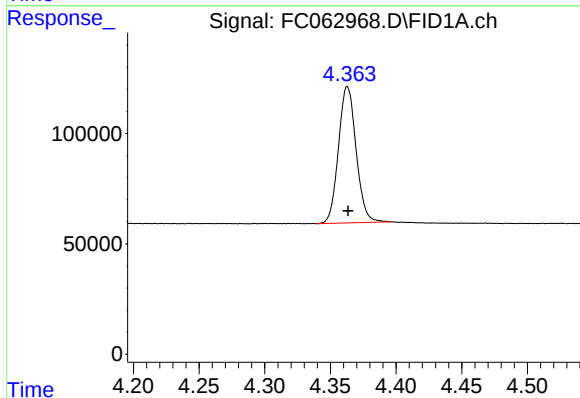
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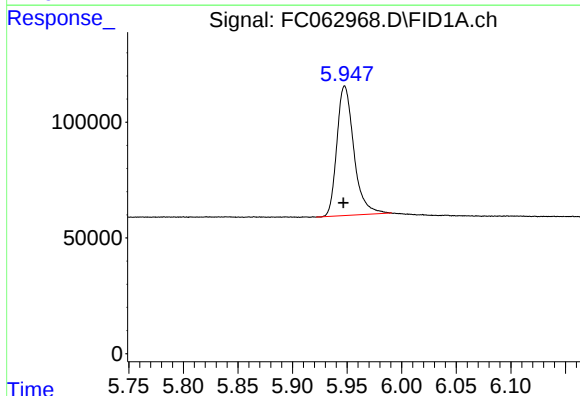
#1 n-Nonane (C9)

R.T.: 3.297 min
Delta R.T.: 0.000 min
Response: 599725
Conc: 5.03 ug/ml



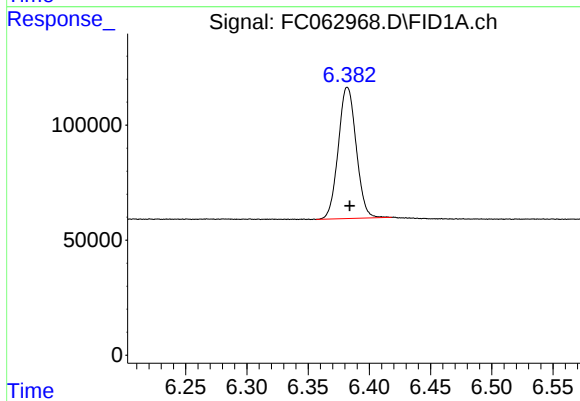
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 578759
Conc: 4.99 ug/ml



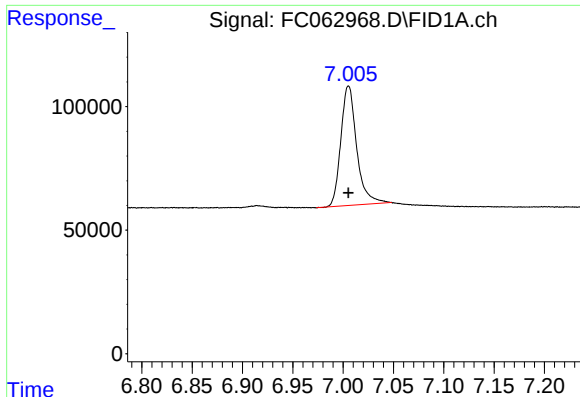
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: 0.001 min
Response: 605706
Conc: 4.67 ug/ml



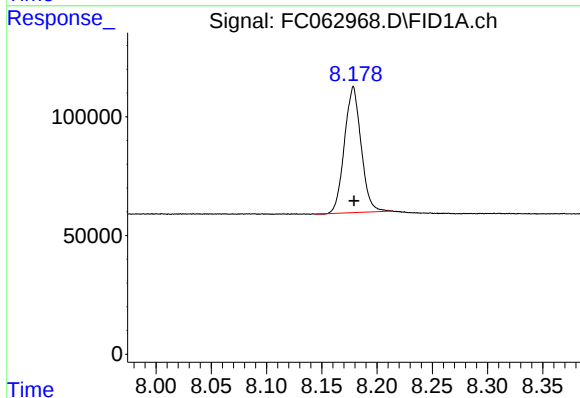
#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: -0.002 min
Response: 580945
Conc: 5.00 ug/ml



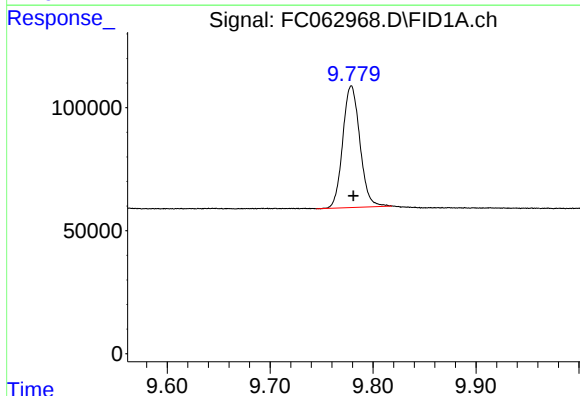
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 529095
Conc: 4.35 ug/ml



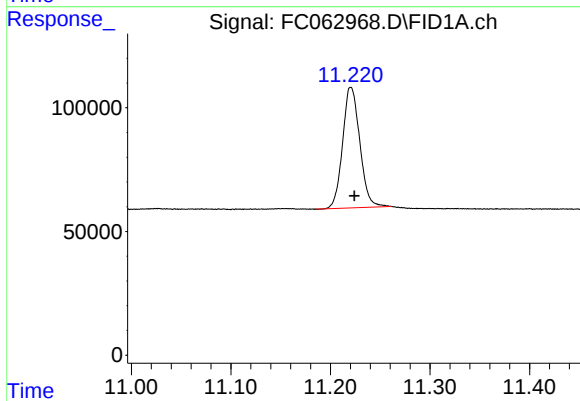
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: 0.000 min
Response: 554985
Conc: 4.87 ug/ml



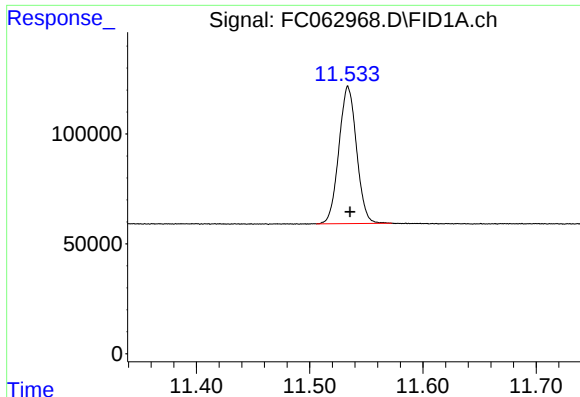
#7 n-Hexadecane (C16)

R.T.: 9.779 min
Delta R.T.: -0.002 min
Response: 571792
Conc: 4.91 ug/ml



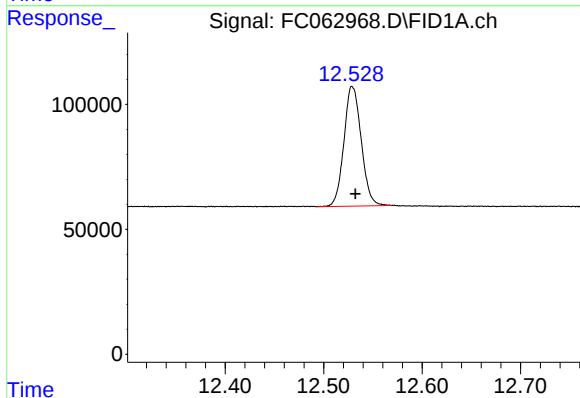
#8 n-Octadecane (C18)

R.T.: 11.221 min
Delta R.T.: -0.003 min
Response: 584617
Conc: 4.98 ug/ml



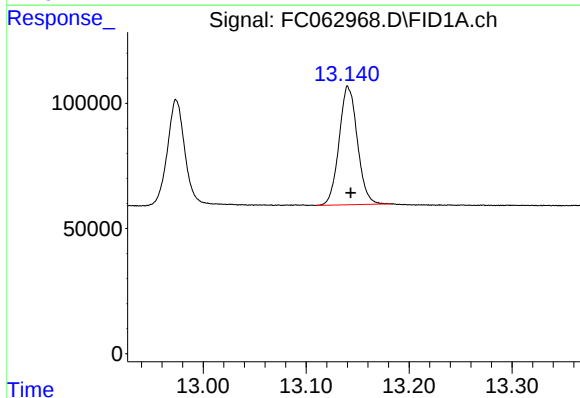
#9 ortho-Terphenyl (SURR)

R.T.: 11.534 min
Delta R.T.: -0.002 min
Response: 675845
Conc: 5.22 ug/ml



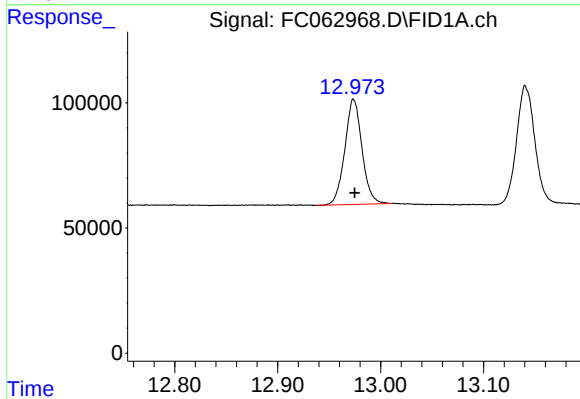
#10 n-Eicosane (C20)

R.T.: 12.529 min
Delta R.T.: -0.003 min
Response: 584819
Conc: 5.13 ug/ml



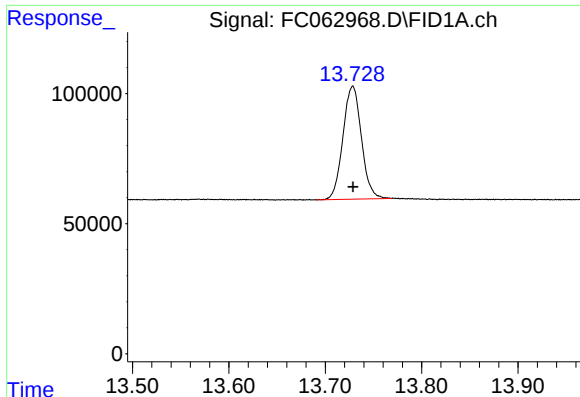
#11 n-Heneicosane (C21)

R.T.: 13.141 min
Delta R.T.: -0.003 min
Response: 584089
Conc: 5.13 ug/ml



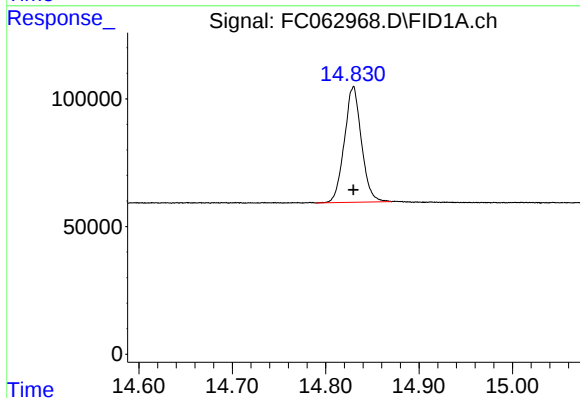
#12 1-chlorooctadecane (SURR)

R.T.: 12.974 min
Delta R.T.: -0.001 min
Response: 488106
Conc: 4.98 ug/ml



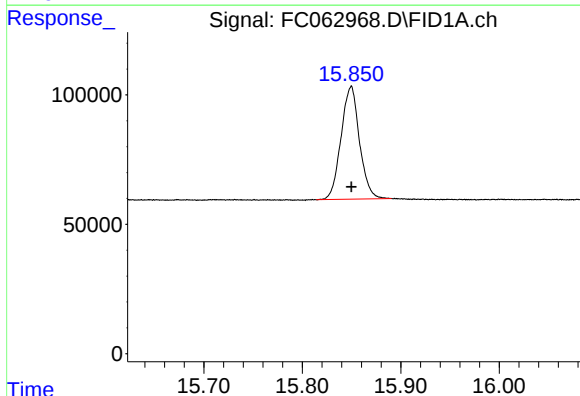
#13 n-Docosane (C22)

R.T.: 13.729 min
Delta R.T.: 0.000 min
Response: 577519
Conc: 5.13 ug/ml



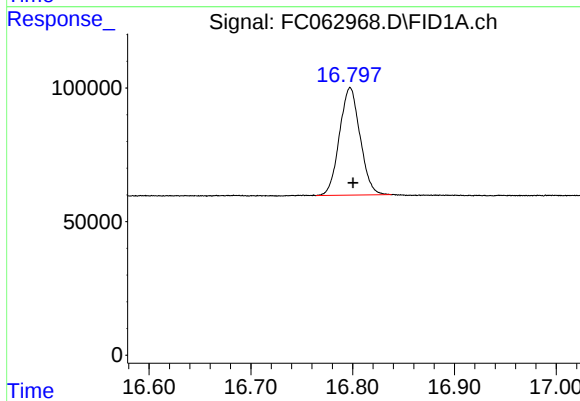
#14 n-Tetracosane (C24)

R.T.: 14.830 min
Delta R.T.: 0.000 min
Response: 574556
Conc: 5.14 ug/ml



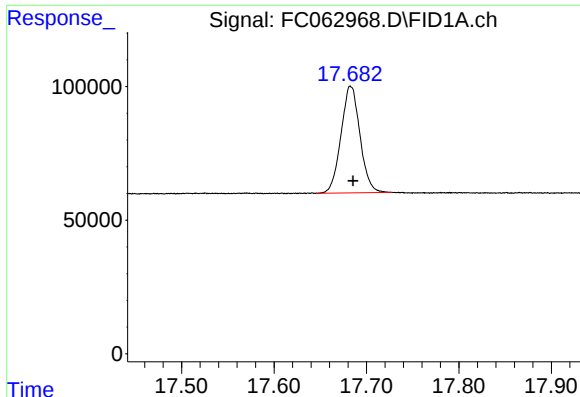
#15 n-Hexacosane (C26)

R.T.: 15.850 min
Delta R.T.: 0.000 min
Response: 566186
Conc: 5.12 ug/ml



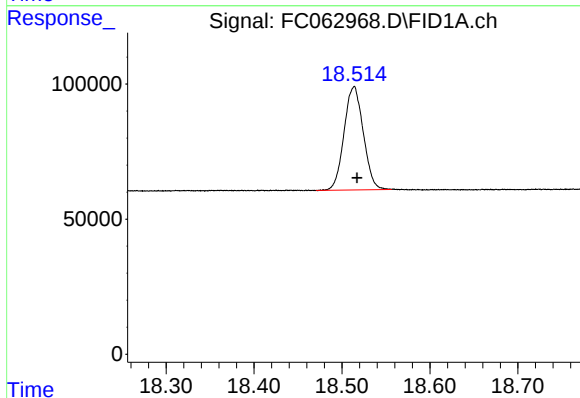
#16 n-Octacosane (C28)

R.T.: 16.798 min
Delta R.T.: -0.003 min
Response: 566085
Conc: 5.15 ug/ml



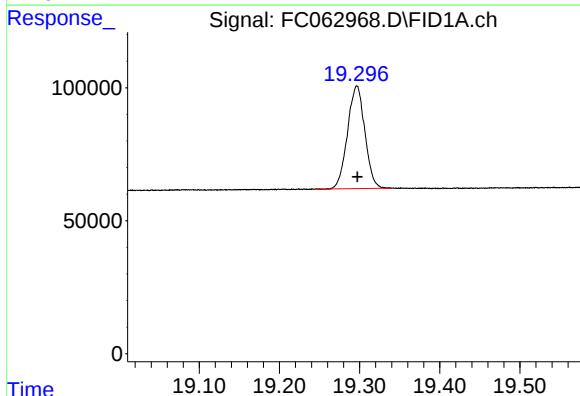
#17 n-Tricontane (C30)

R.T.: 17.683 min
Delta R.T.: -0.003 min
Response: 570114
Conc: 5.18 ug/ml



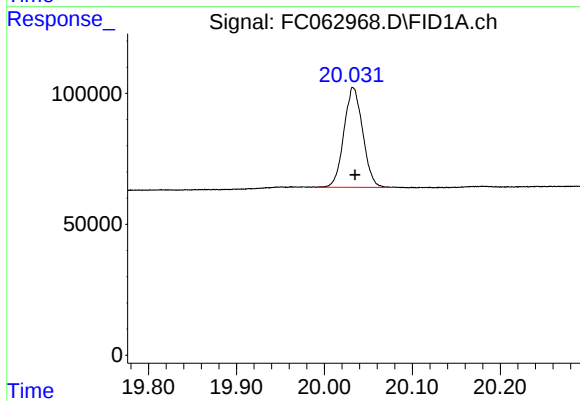
#18 n-Dotriacontane (C32)

R.T.: 18.514 min
Delta R.T.: -0.003 min
Response: 580334
Conc: 5.20 ug/ml



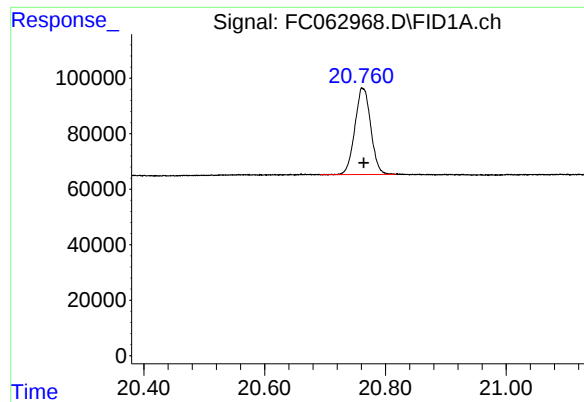
#19 n-Tetratriacontane (C34)

R.T.: 19.297 min
Delta R.T.: 0.000 min
Response: 580040
Conc: 5.18 ug/ml



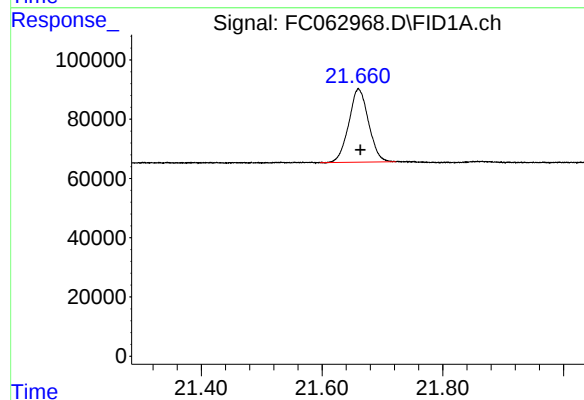
#20 n-Hexatriacontane (C36)

R.T.: 20.033 min
Delta R.T.: -0.002 min
Response: 564908
Conc: 5.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.762 min
Delta R.T.: -0.002 min
Response: 566360
Conc: 5.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.660 min
Delta R.T.: -0.003 min
Response: 561173
Conc: 5.13 ug/ml