

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022223AL\
 Data File : FC062965.D
 Signal(s) : FID1A.ch
 Acq On : 21 Feb 2023 17:27
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 22 04:32:33 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)	11.539	6170474	47.660 ug/ml
Spiked Amount 50.000		Recovery =	95.32%
12) S 1-chlorooctadecane (S...	12.977	4720005	48.195 ug/ml
Spiked Amount 50.000		Recovery =	96.39%
Target Compounds			
1) T n-Nonane (C9)	3.297	5713750	47.896 ug/ml
2) T n-Decane (C10)	4.365	5583319	48.141 ug/ml
3) T A~Naphthalene (C11.7)	5.948	6363179	49.010 ug/ml
4) T n-Dodecane (C12)	6.385	5589447	48.111 ug/ml
5) T A~2-methylnaphthalene...	7.006	5976082	49.177 ug/ml
6) T n-Tetradecane (C14)	8.181	5565994	48.819 ug/ml
7) T n-Hexadecane (C16)	9.784	5612187	48.169 ug/ml
8) T n-Octadecane (C18)	11.225	5629919	47.945 ug/ml
10) T n-Eicosane (C20)	12.533	5449263	47.802 ug/ml
11) T n-Heneicosane (C21)	13.145	5460062	47.962 ug/ml
13) T n-Docosane (C22)	13.731	5395408	47.946 ug/ml
14) T n-Tetracosane (C24)	14.833	5367939	47.986 ug/ml
15) T n-Hexacosane (C26)	15.854	5285513	47.768 ug/ml
16) T n-Octacosane (C28)	16.801	5248078	47.703 ug/ml
17) T n-Tricontane (C30)	17.690	5239782	47.621 ug/ml
18) T n-Dotriacontane (C32)	18.519	5301852	47.516 ug/ml
19) T n-Tetratriacontane (C34)	19.301	5314388	47.484 ug/ml
20) T n-Hexatriacontane (C36)	20.039	5149191	47.134 ug/ml
21) T n-Octatriacontane (C38)	20.766	5177251	47.489 ug/ml
22) T n-Tetracontane (C40)	21.670	5219175	47.709 ug/ml

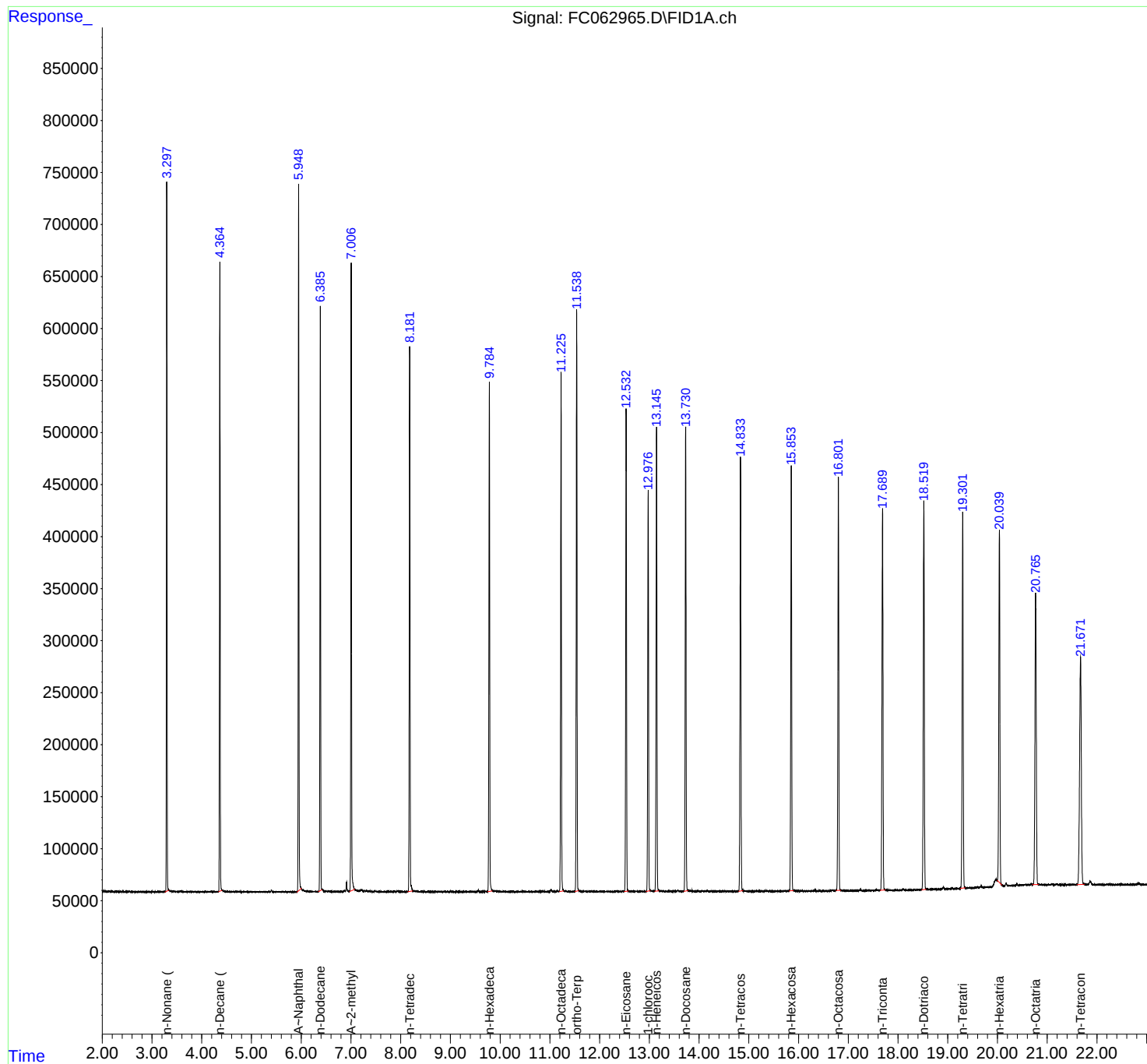
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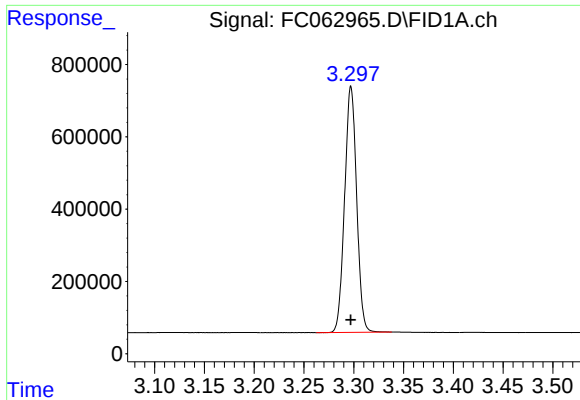
(m)=manual int.

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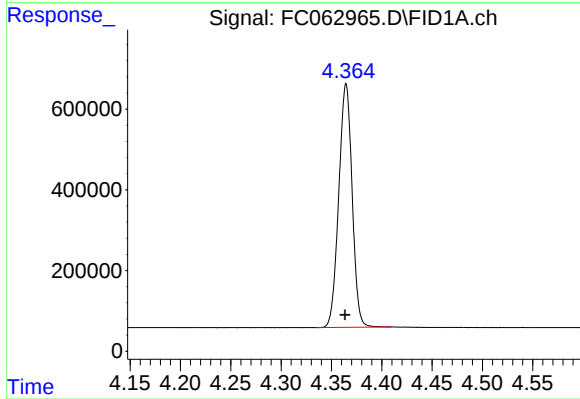
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Signal Info : 20M x 0.18mm x 0.18um





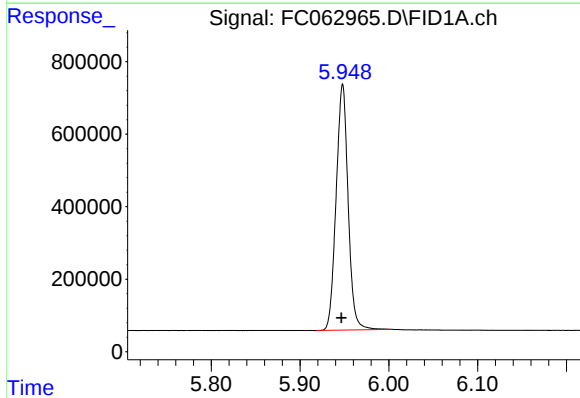
#1 n-Nonane (C9)

R.T.: 3.297 min
Delta R.T.: 0.000 min
Response: 5713750
Conc: 47.90 ug/ml



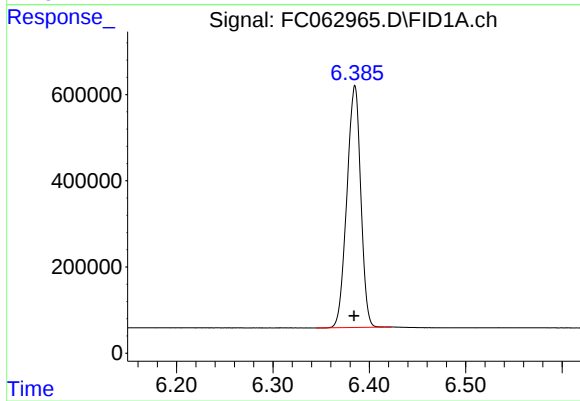
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: 0.001 min
Response: 5583319
Conc: 48.14 ug/ml



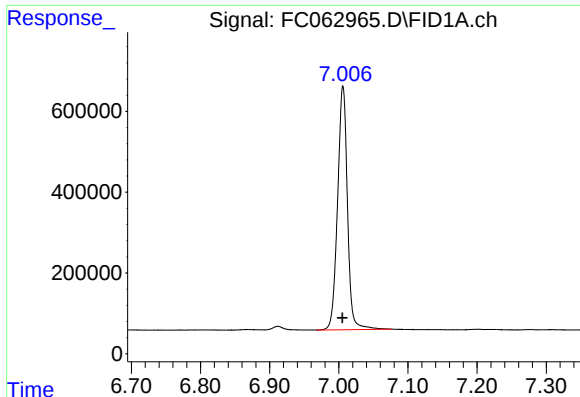
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: 0.001 min
Response: 6363179
Conc: 49.01 ug/ml



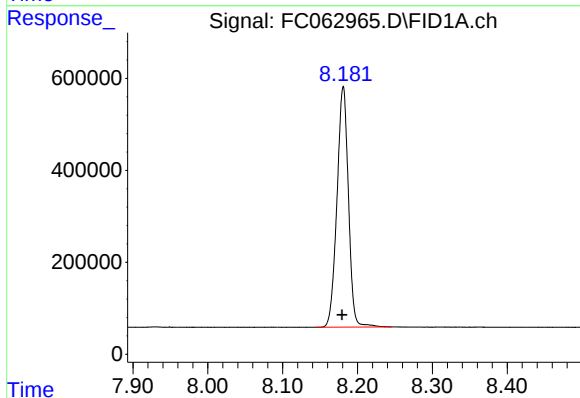
#4 n-Dodecane (C12)

R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 5589447
Conc: 48.11 ug/ml



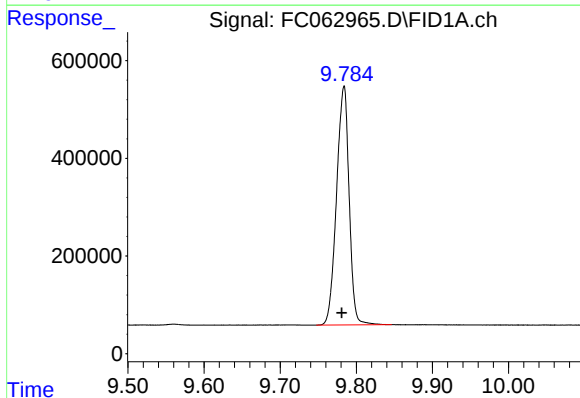
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 5976082
Conc: 49.18 ug/ml



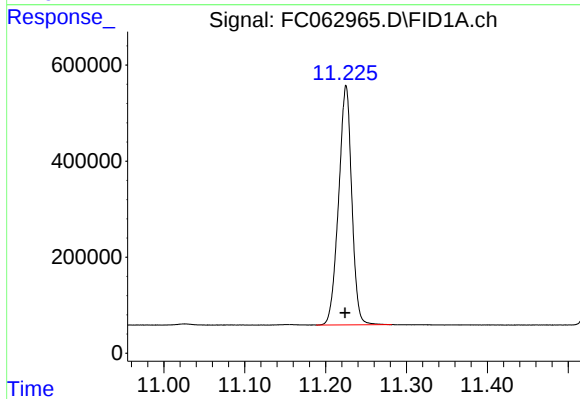
#6 n-Tetradecane (C14)

R.T.: 8.181 min
Delta R.T.: 0.002 min
Response: 5565994
Conc: 48.82 ug/ml



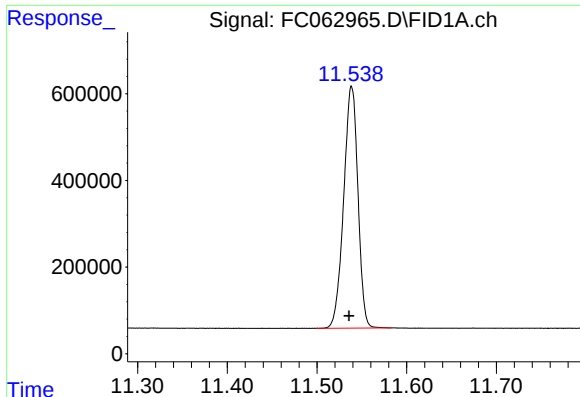
#7 n-Hexadecane (C16)

R.T.: 9.784 min
Delta R.T.: 0.003 min
Response: 5612187
Conc: 48.17 ug/ml



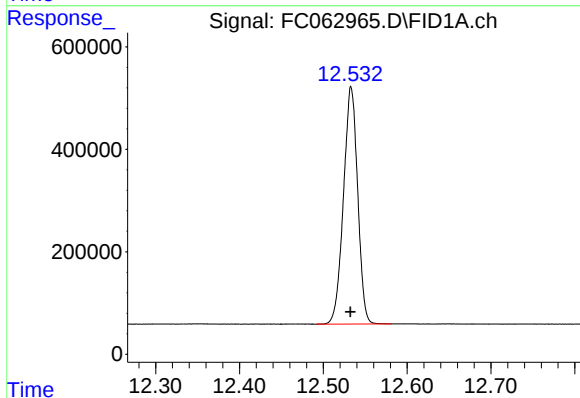
#8 n-Octadecane (C18)

R.T.: 11.225 min
Delta R.T.: 0.001 min
Response: 5629919
Conc: 47.95 ug/ml



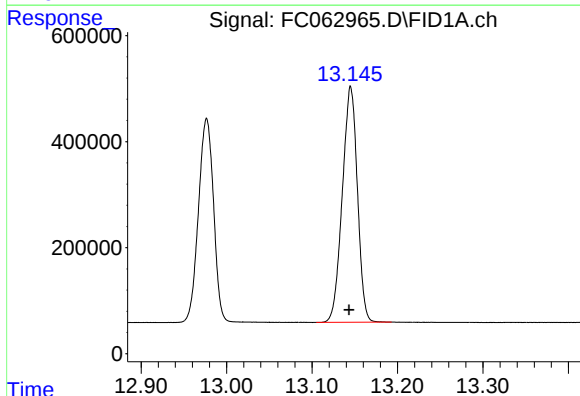
#9 ortho-Terphenyl (SURR)

R.T.: 11.539 min
Delta R.T.: 0.003 min
Response: 6170474
Conc: 47.66 ug/ml



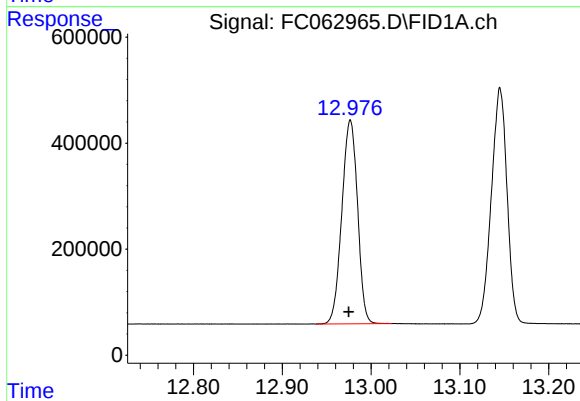
#10 n-Eicosane (C20)

R.T.: 12.533 min
Delta R.T.: 0.000 min
Response: 5449263
Conc: 47.80 ug/ml



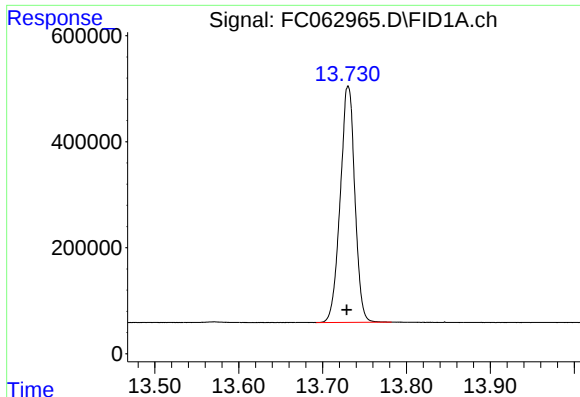
#11 n-Heneicosane (C21)

R.T.: 13.145 min
Delta R.T.: 0.002 min
Response: 5460062
Conc: 47.96 ug/ml



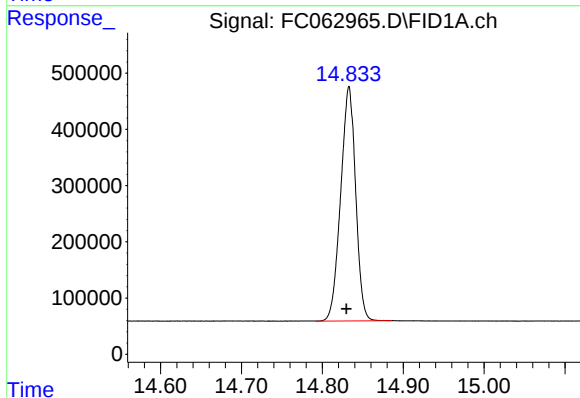
#12 1-chlorooctadecane (SURR)

R.T.: 12.977 min
Delta R.T.: 0.002 min
Response: 4720005
Conc: 48.19 ug/ml



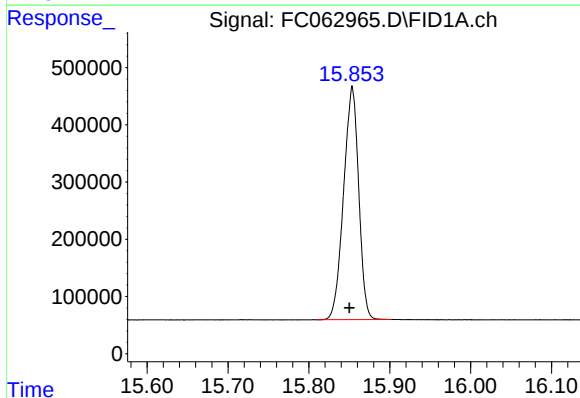
#13 n-Docosane (C22)

R.T.: 13.731 min
Delta R.T.: 0.002 min
Response: 5395408
Conc: 47.95 ug/ml



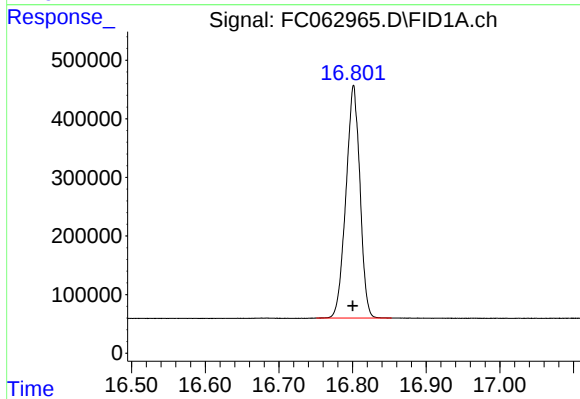
#14 n-Tetracosane (C24)

R.T.: 14.833 min
Delta R.T.: 0.003 min
Response: 5367939
Conc: 47.99 ug/ml



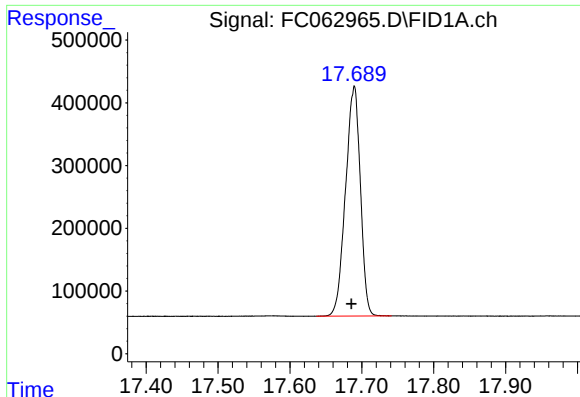
#15 n-Hexacosane (C26)

R.T.: 15.854 min
Delta R.T.: 0.004 min
Response: 5285513
Conc: 47.77 ug/ml



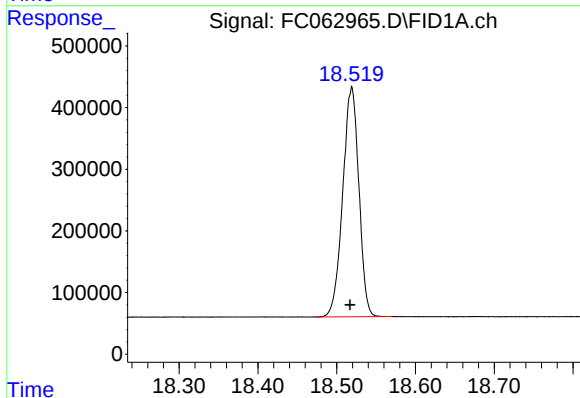
#16 n-Octacosane (C28)

R.T.: 16.801 min
Delta R.T.: 0.001 min
Response: 5248078
Conc: 47.70 ug/ml



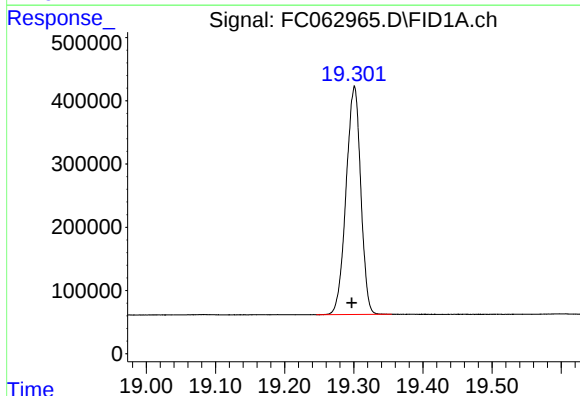
#17 n-Tricontane (C30)

R.T.: 17.690 min
Delta R.T.: 0.004 min
Response: 5239782
Conc: 47.62 ug/ml



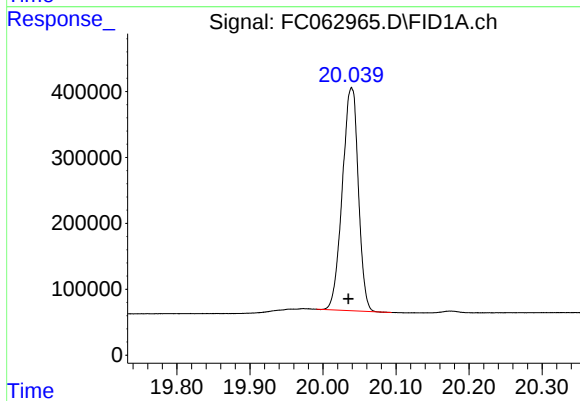
#18 n-Dotriacontane (C32)

R.T.: 18.519 min
Delta R.T.: 0.002 min
Response: 5301852
Conc: 47.52 ug/ml



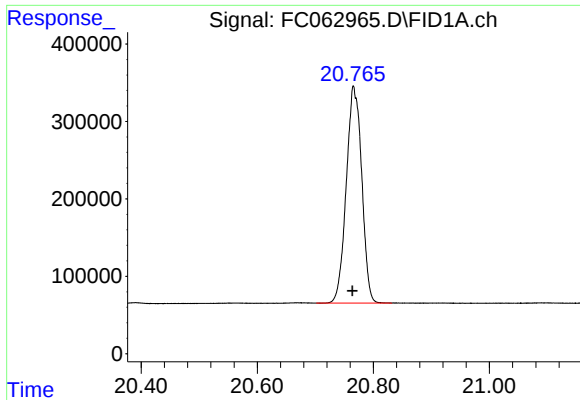
#19 n-Tetratriacontane (C34)

R.T.: 19.301 min
Delta R.T.: 0.004 min
Response: 5314388
Conc: 47.48 ug/ml



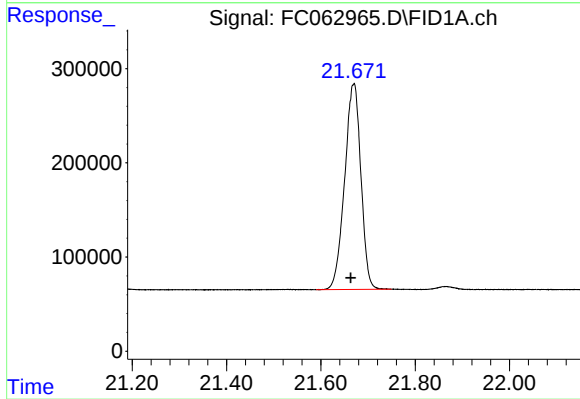
#20 n-Hexatriacontane (C36)

R.T.: 20.039 min
Delta R.T.: 0.004 min
Response: 5149191
Conc: 47.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.766 min
Delta R.T.: 0.002 min
Response: 5177251
Conc: 47.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.670 min
Delta R.T.: 0.007 min
Response: 5219175
Conc: 47.71 ug/ml