

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022223AL\
 Data File : FC062964.D
 Signal(s) : FID1A.ch
 Acq On : 21 Feb 2023 16:43
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 22 04:32:17 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)	11.545	12324073	95.190 ug/ml
Spiked Amount 50.000		Recovery =	190.38%
12) S 1-chlorooctadecane (S...	12.982	9450080	96.492 ug/ml
Spiked Amount 50.000		Recovery =	192.98%
Target Compounds			
1) T n-Nonane (C9)	3.300	11432159	95.832 ug/ml
2) T n-Decane (C10)	4.367	11176126	96.363 ug/ml
3) T A~Naphthalene (C11.7)	5.952	12878416	99.192 ug/ml
4) T n-Dodecane (C12)	6.389	11189106	96.310 ug/ml
5) T A~2-methylnaphthalene...	7.011	12079546	99.403 ug/ml
6) T n-Tetradecane (C14)	8.185	11123993	97.568 ug/ml
7) T n-Hexadecane (C16)	9.788	11219990	96.300 ug/ml
8) T n-Octadecane (C18)	11.231	11242025	95.739 ug/ml
10) T n-Eicosane (C20)	12.539	10876451	95.410 ug/ml
11) T n-Heneicosane (C21)	13.151	10901107	95.758 ug/ml
13) T n-Docosane (C22)	13.737	10772782	95.731 ug/ml
14) T n-Tetracosane (C24)	14.838	10712643	95.764 ug/ml
15) T n-Hexacosane (C26)	15.857	10546027	95.310 ug/ml
16) T n-Octacosane (C28)	16.806	10469890	95.167 ug/ml
17) T n-Tricontane (C30)	17.692	10416456	94.669 ug/ml
18) T n-Dotriacontane (C32)	18.525	10502995	94.129 ug/ml
19) T n-Tetratriacontane (C34)	19.305	10529588	94.082 ug/ml
20) T n-Hexatriacontane (C36)	20.043	10197672	93.345 ug/ml
21) T n-Octatriacontane (C38)	20.775	10240253	93.930 ug/ml
22) T n-Tetracontane (C40)	21.679	10314801	94.289 ug/ml

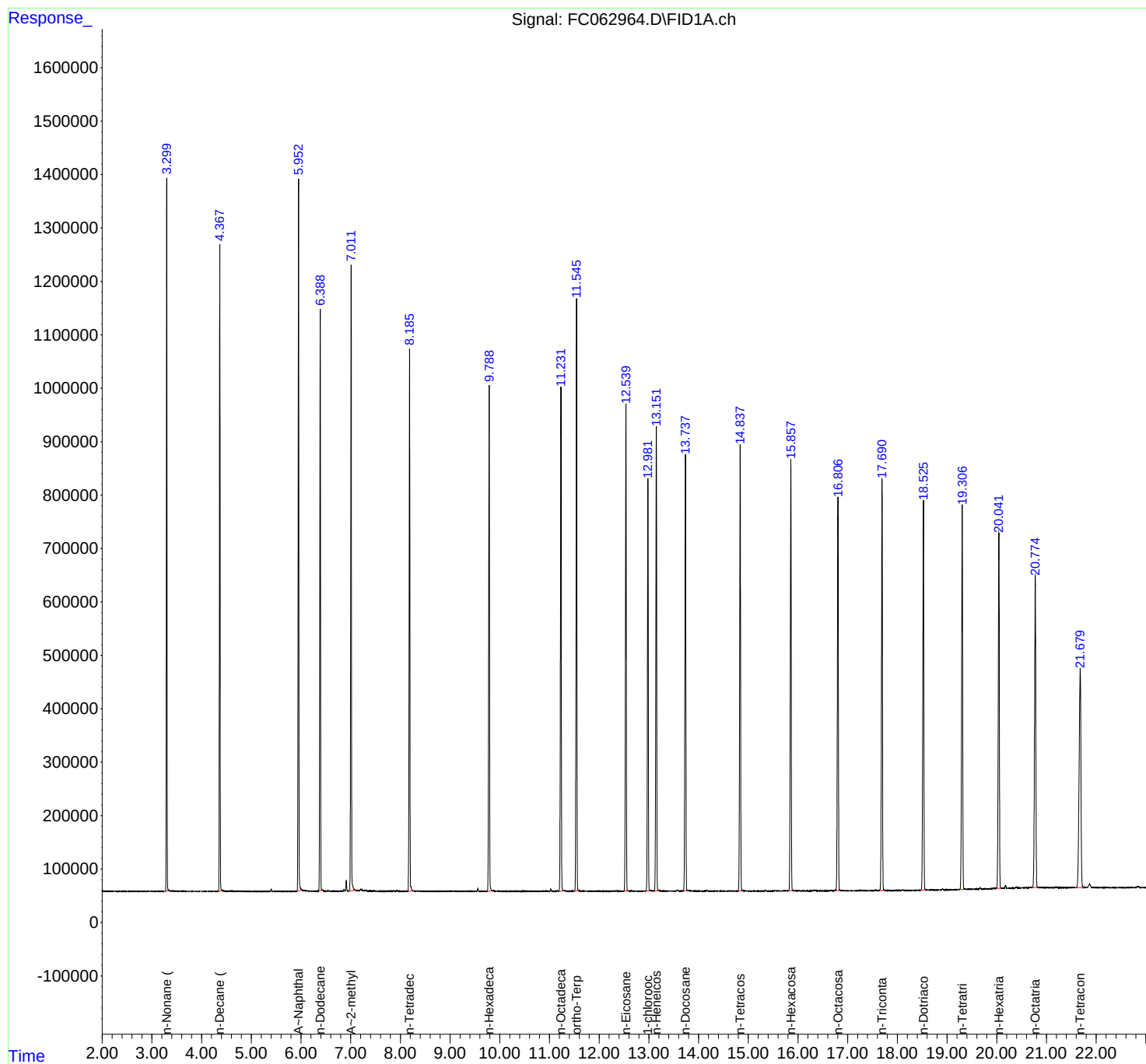
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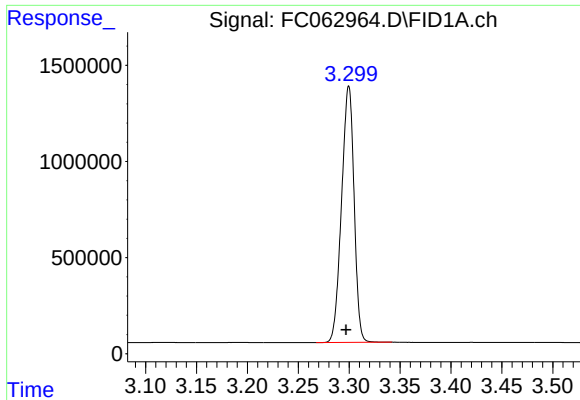
(m)=manual int.

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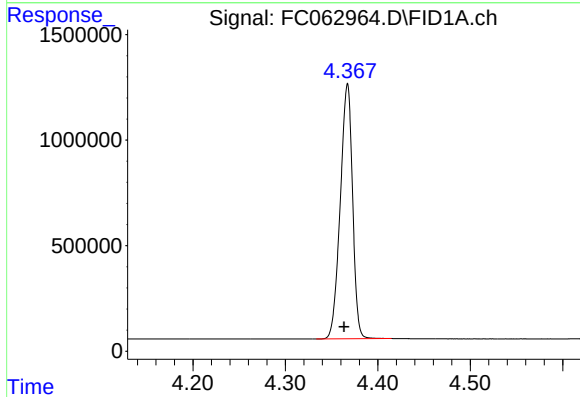
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





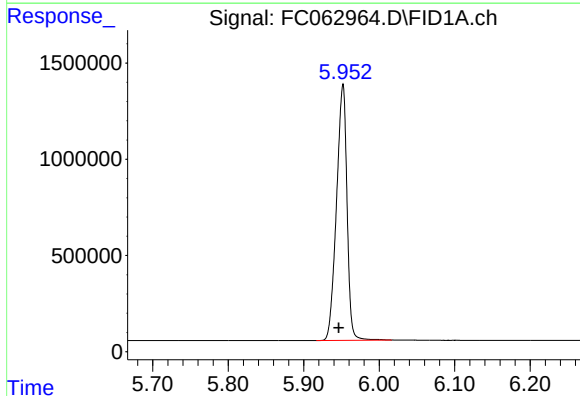
#1 n-Nonane (C9)

R.T.: 3.300 min
Delta R.T.: 0.003 min
Response: 11432159
Conc: 95.83 ug/ml



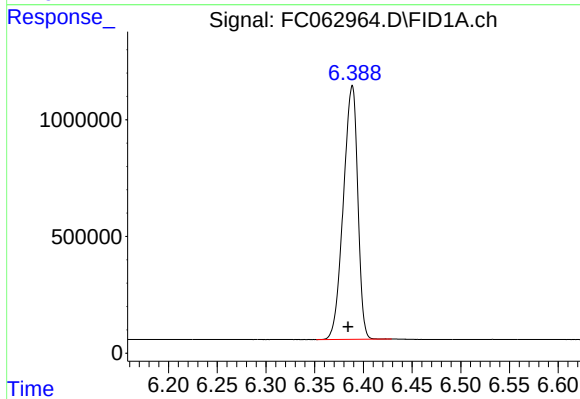
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: 0.004 min
Response: 11176126
Conc: 96.36 ug/ml



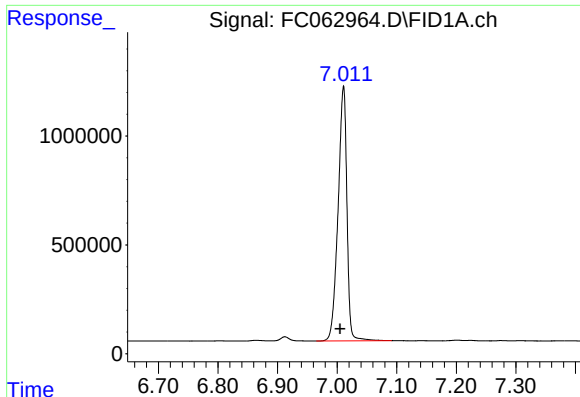
#3 A~Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: 0.005 min
Response: 12878416
Conc: 99.19 ug/ml



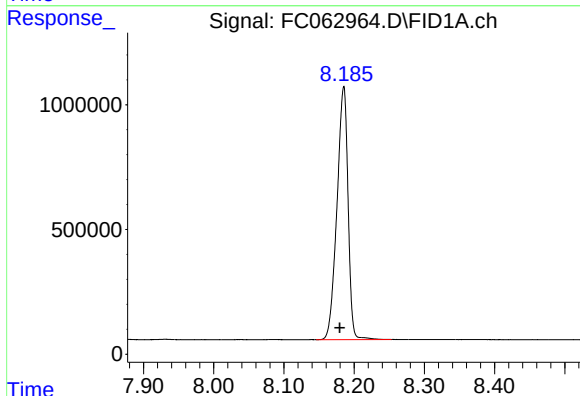
#4 n-Dodecane (C12)

R.T.: 6.389 min
Delta R.T.: 0.004 min
Response: 11189106
Conc: 96.31 ug/ml



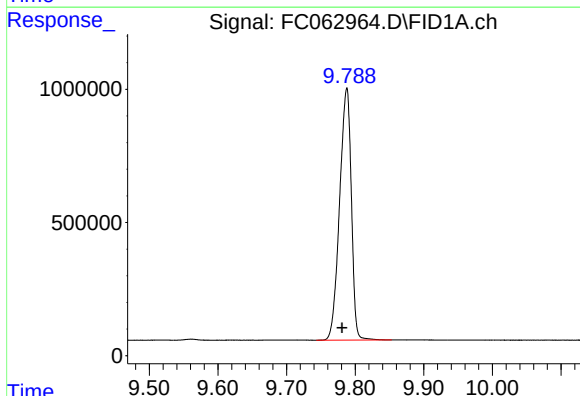
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.011 min
Delta R.T.: 0.006 min
Response: 12079546
Conc: 99.40 ug/ml



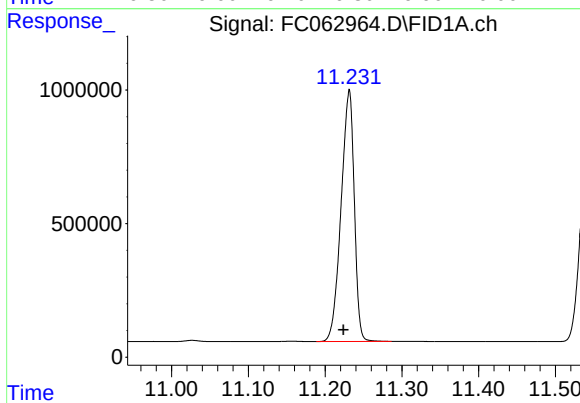
#6 n-Tetradecane (C14)

R.T.: 8.185 min
Delta R.T.: 0.006 min
Response: 11123993
Conc: 97.57 ug/ml



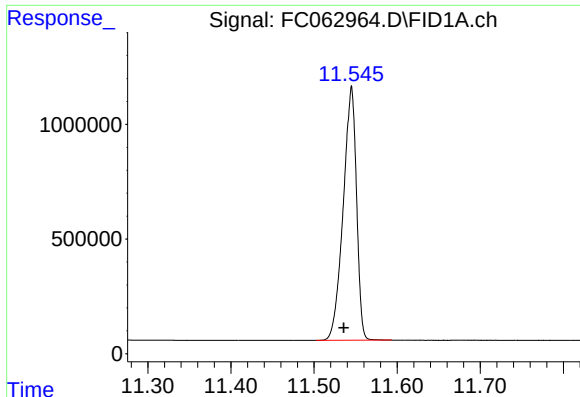
#7 n-Hexadecane (C16)

R.T.: 9.788 min
Delta R.T.: 0.007 min
Response: 11219990
Conc: 96.30 ug/ml



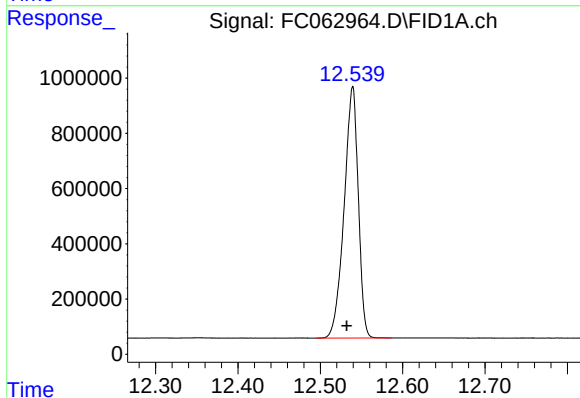
#8 n-Octadecane (C18)

R.T.: 11.231 min
Delta R.T.: 0.007 min
Response: 11242025
Conc: 95.74 ug/ml



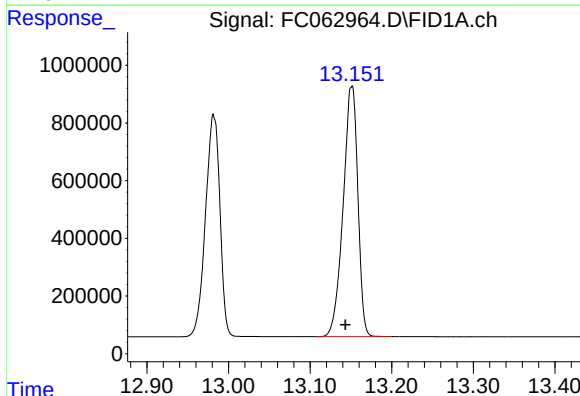
#9 ortho-Terphenyl (SURR)

R.T.: 11.545 min
Delta R.T.: 0.009 min
Response: 12324073
Conc: 95.19 ug/ml



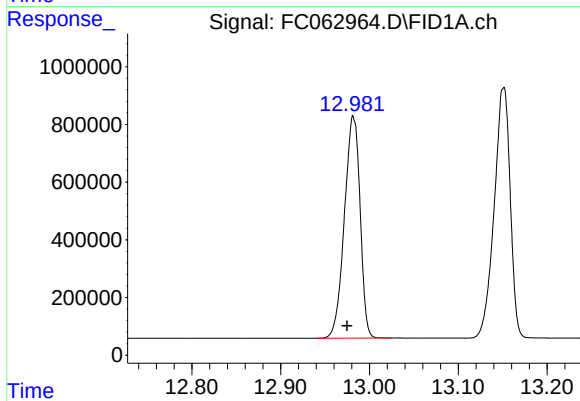
#10 n-Eicosane (C20)

R.T.: 12.539 min
Delta R.T.: 0.007 min
Response: 10876451
Conc: 95.41 ug/ml



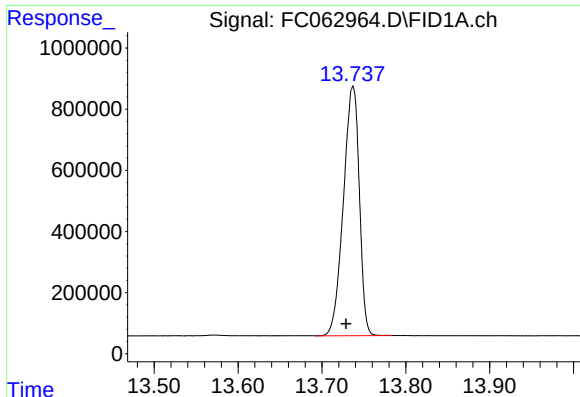
#11 n-Heneicosane (C21)

R.T.: 13.151 min
Delta R.T.: 0.008 min
Response: 10901107
Conc: 95.76 ug/ml



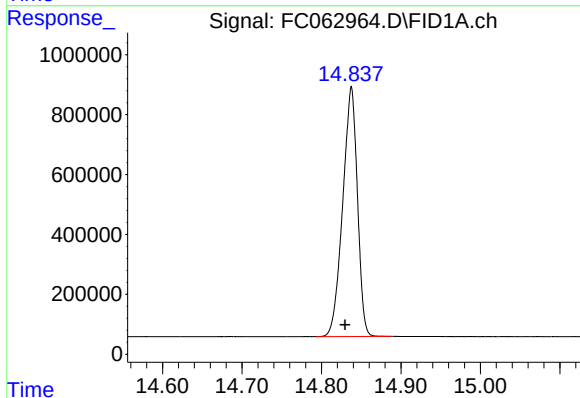
#12 1-chlorooctadecane (SURR)

R.T.: 12.982 min
Delta R.T.: 0.007 min
Response: 9450080
Conc: 96.49 ug/ml



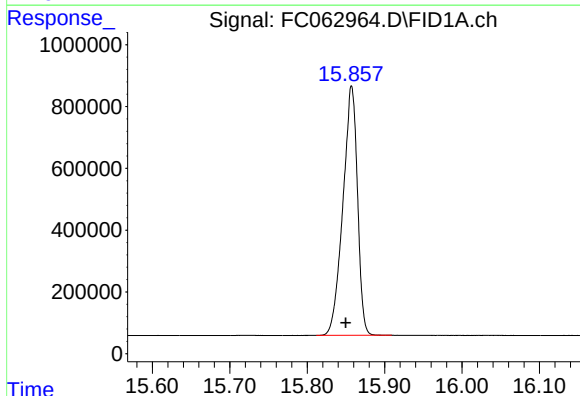
#13 n-Docosane (C22)

R.T.: 13.737 min
Delta R.T.: 0.008 min
Response: 10772782
Conc: 95.73 ug/ml



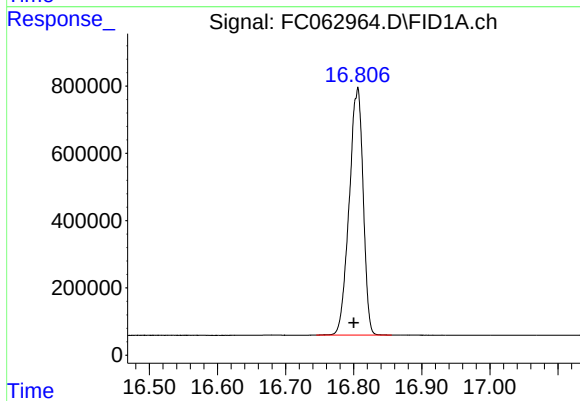
#14 n-Tetracosane (C24)

R.T.: 14.838 min
Delta R.T.: 0.008 min
Response: 10712643
Conc: 95.76 ug/ml



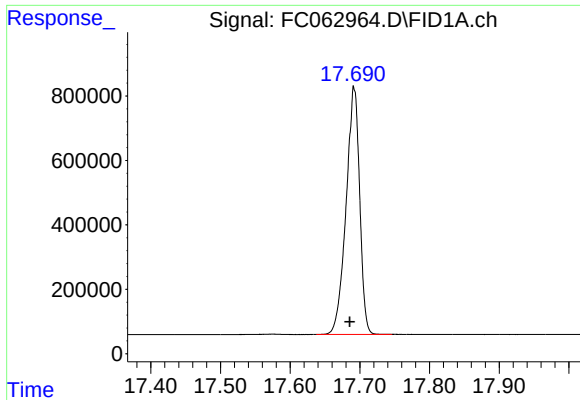
#15 n-Hexacosane (C26)

R.T.: 15.857 min
Delta R.T.: 0.007 min
Response: 10546027
Conc: 95.31 ug/ml



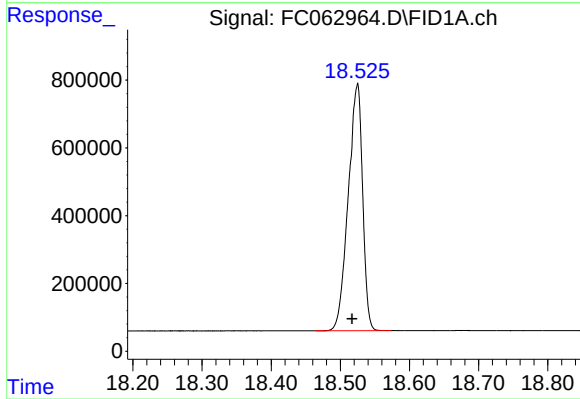
#16 n-Octacosane (C28)

R.T.: 16.806 min
Delta R.T.: 0.006 min
Response: 10469890
Conc: 95.17 ug/ml



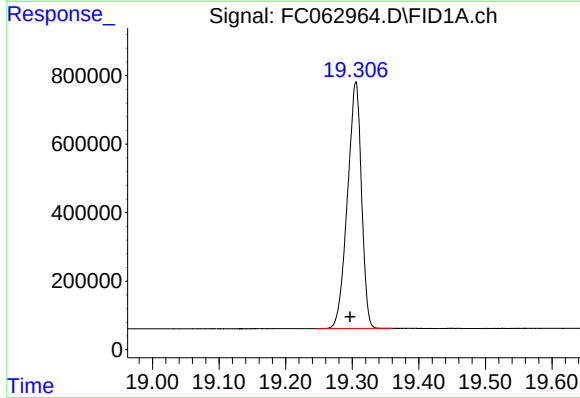
#17 n-Tricontane (C30)

R.T.: 17.692 min
Delta R.T.: 0.006 min
Response: 10416456
Conc: 94.67 ug/ml



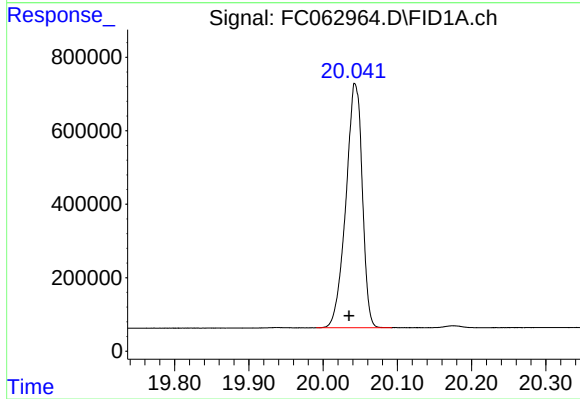
#18 n-Dotriacontane (C32)

R.T.: 18.525 min
Delta R.T.: 0.008 min
Response: 10502995
Conc: 94.13 ug/ml



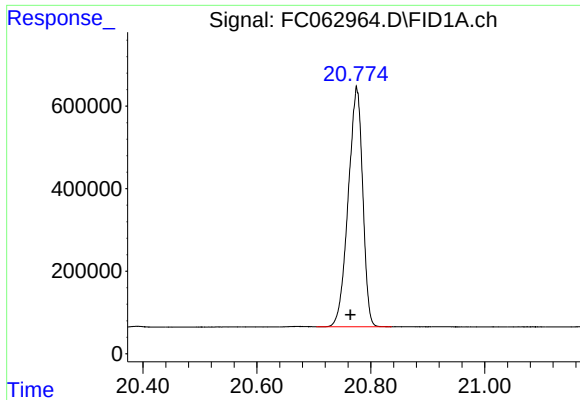
#19 n-Tetratriacontane (C34)

R.T.: 19.305 min
Delta R.T.: 0.008 min
Response: 10529588
Conc: 94.08 ug/ml



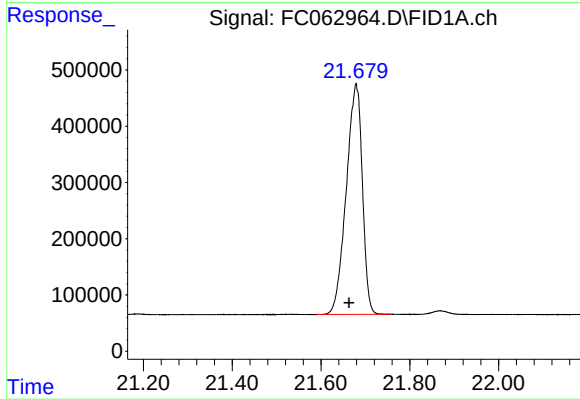
#20 n-Hexatriacontane (C36)

R.T.: 20.043 min
Delta R.T.: 0.008 min
Response: 10197672
Conc: 93.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.775 min
Delta R.T.: 0.011 min
Response: 10240253
Conc: 93.93 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.679 min
Delta R.T.: 0.016 min
Response: 10314801
Conc: 94.29 ug/ml