

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082925AL\
 Data File : FC069807.D
 Signal(s) : FID1A.ch
 Acq On : 29 Aug 2025 22:55
 Operator : YP/AJ
 Sample : Q2971-33MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 23:36:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 27 12:11:00 2025
 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)	11.666	4752404	36.700 ug/ml
Spiked Amount 50.000		Recovery =	73.40%
12) S 1-chlorooctadecane (S...	13.101	3861176	40.353 ug/ml
Spiked Amount 50.000		Recovery =	80.71%
Target Compounds			
1) T n-Nonane (C9)	3.398	4518339	36.041 ug/ml
2) T n-Decane (C10)	4.471	5414767	42.495 ug/ml
3) T A~Naphthalene (C11.7)	6.065	6524486	48.501 ug/ml
4) T n-Dodecane (C12)	6.494	6097019	47.583 ug/ml
5) T A~2-methylnaphthalene...	7.124	6228352	48.632 ug/ml
6) T n-Tetradecane (C14)	8.296	6351122	49.797 ug/ml
7) T n-Hexadecane (C16)	9.899	6764869	52.384 ug/ml
8) T n-Octadecane (C18)	11.344	6759885	53.914 ug/ml
10) T n-Eicosane (C20)	12.656	6802415	58.605 ug/ml
11) T n-Heneicosane (C21)	13.269	6485615	58.000 ug/ml
13) T n-Docosane (C22)	13.857	6334600	58.047 ug/ml
14) T n-Tetracosane (C24)	14.958	12437836	118.599 ug/ml
15) T n-Hexacosane (C26)	15.986	5899384	58.866 ug/ml
16) T n-Octacosane (C28)	16.935	5675165	58.942 ug/ml
17) T n-Tricontane (C30)	17.827	5623231	58.470 ug/ml
18) T n-Dotriacontane (C32)	18.659	5607882	60.201 ug/ml
19) T n-Tetratriacontane (C34)	19.443	5776998	66.945 ug/ml
20) T n-Hexatriacontane (C36)	20.185	5484312	71.889 ug/ml
21) T n-Octatriacontane (C38)	20.952	5496368	78.158 ug/ml
22) T n-Tetracontane (C40)	21.918	5335061	80.311 ug/ml

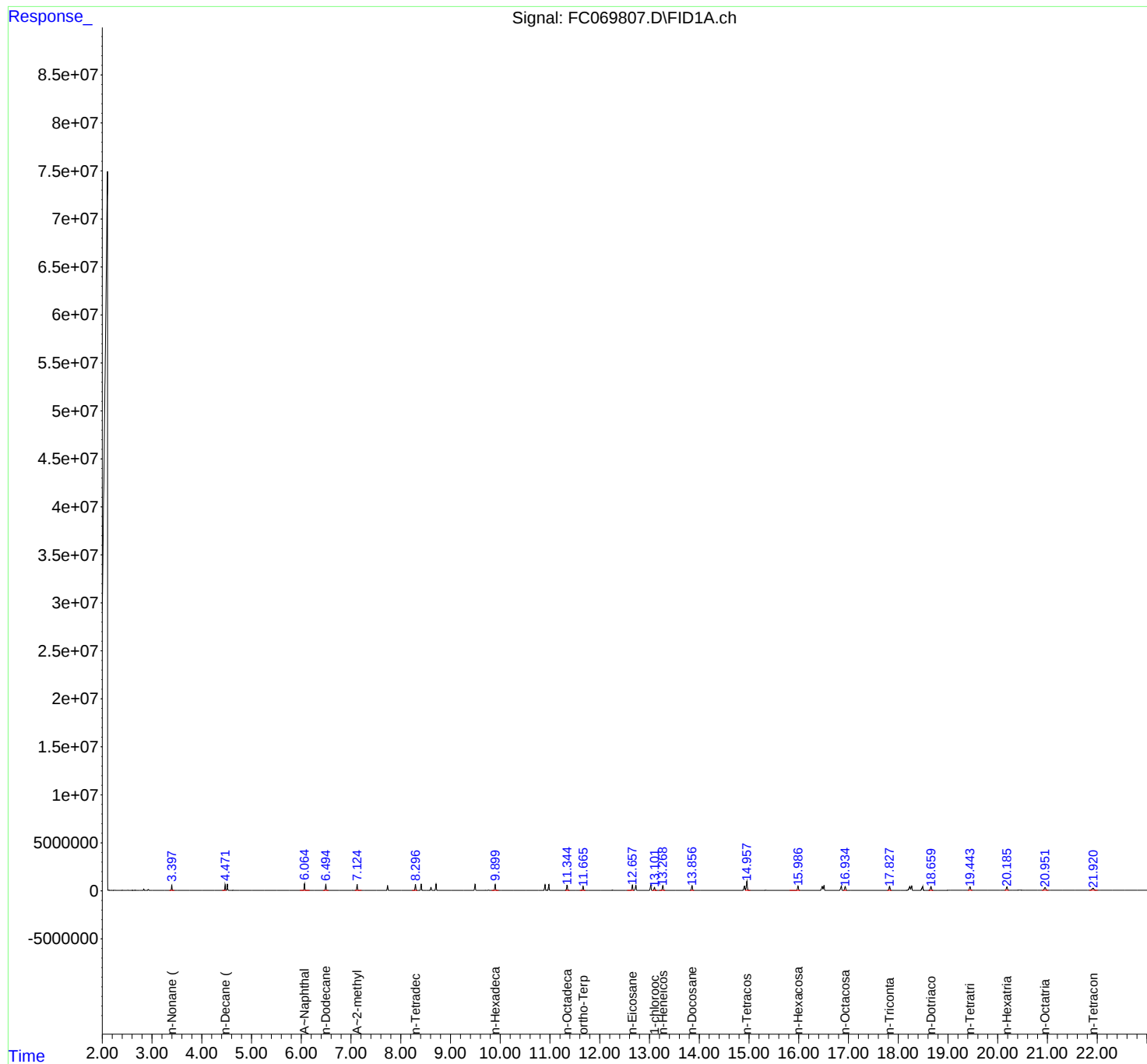
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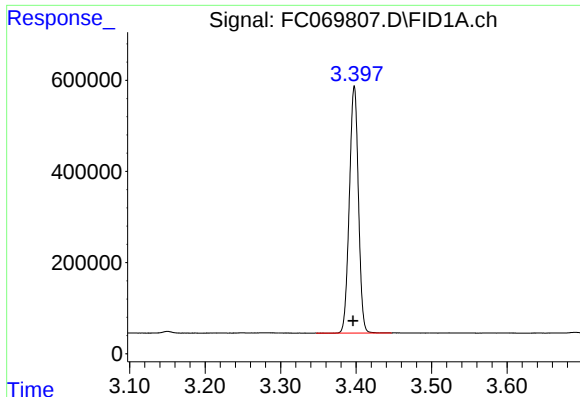
(m)=manual int.

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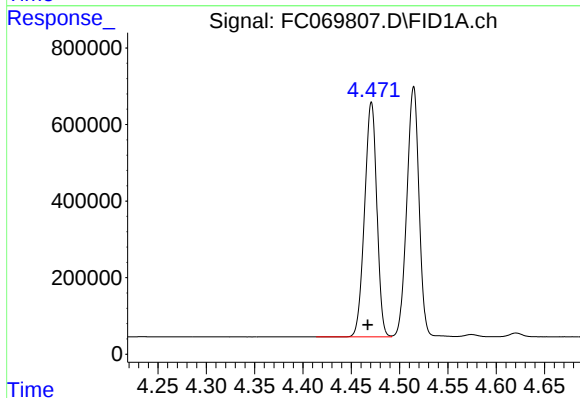
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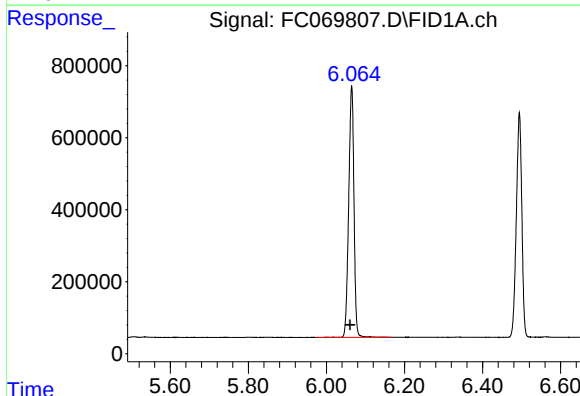
#1 n-Nonane (C9)

R.T.: 3.398 min
Delta R.T.: 0.002 min
Response: 4518339
Conc: 36.04 ug/ml



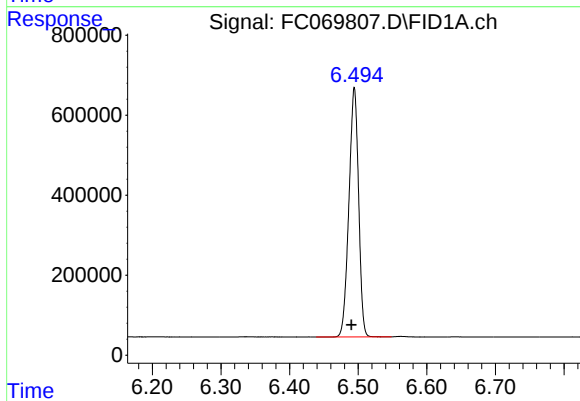
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: 0.004 min
Response: 5414767
Conc: 42.50 ug/ml



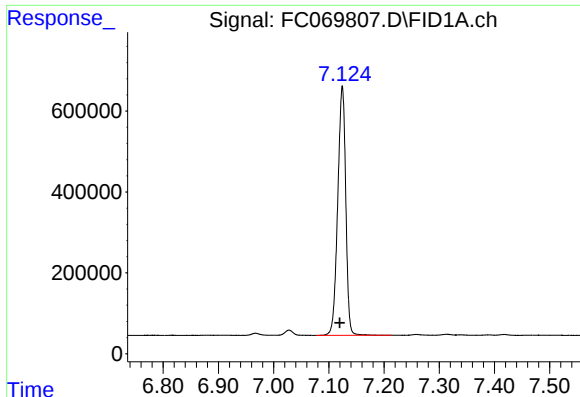
#3 A~Naphthalene (C11.7)

R.T.: 6.065 min
Delta R.T.: 0.004 min
Response: 6524486
Conc: 48.50 ug/ml



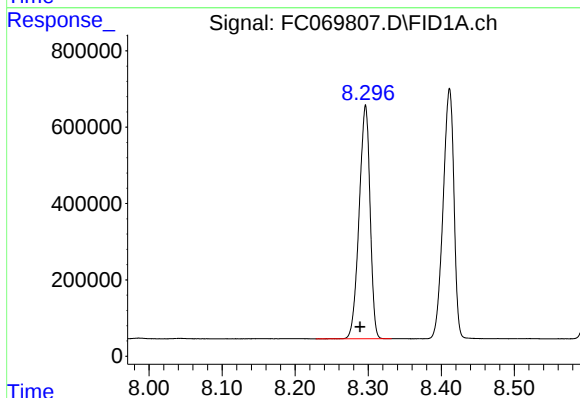
#4 n-Dodecane (C12)

R.T.: 6.494 min
Delta R.T.: 0.004 min
Response: 6097019
Conc: 47.58 ug/ml



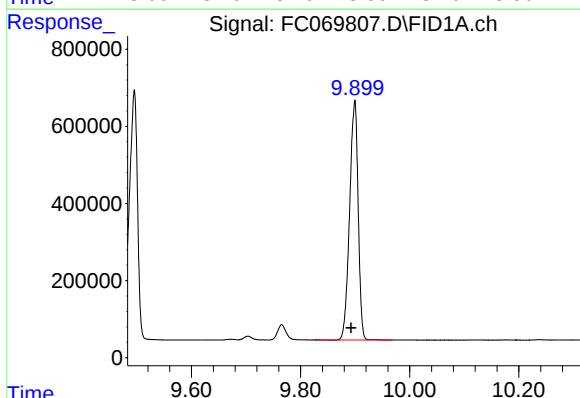
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.124 min
Delta R.T.: 0.005 min
Response: 6228352
Conc: 48.63 ug/ml



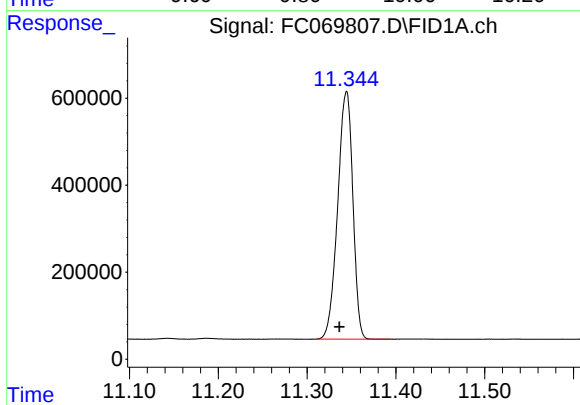
#6 n-Tetradecane (C14)

R.T.: 8.296 min
Delta R.T.: 0.007 min
Response: 6351122
Conc: 49.80 ug/ml



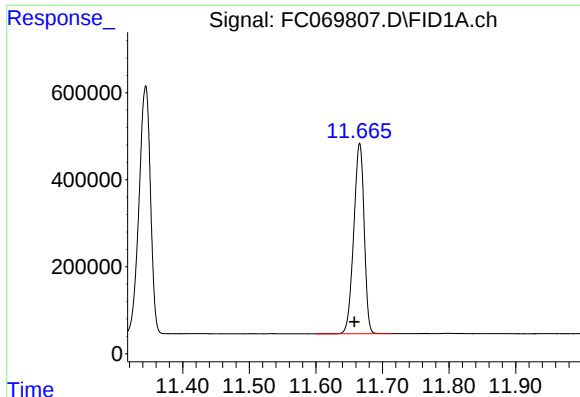
#7 n-Hexadecane (C16)

R.T.: 9.899 min
Delta R.T.: 0.006 min
Response: 6764869
Conc: 52.38 ug/ml



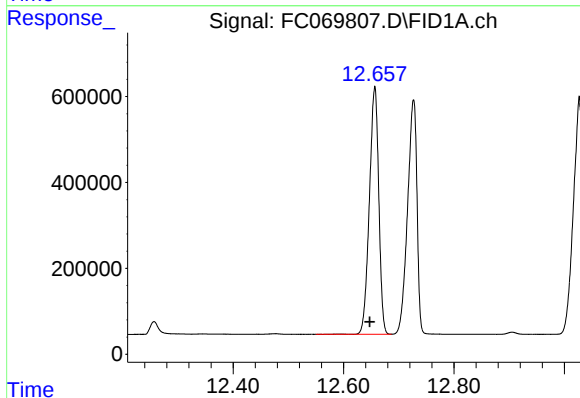
#8 n-Octadecane (C18)

R.T.: 11.344 min
Delta R.T.: 0.008 min
Response: 6759885
Conc: 53.91 ug/ml



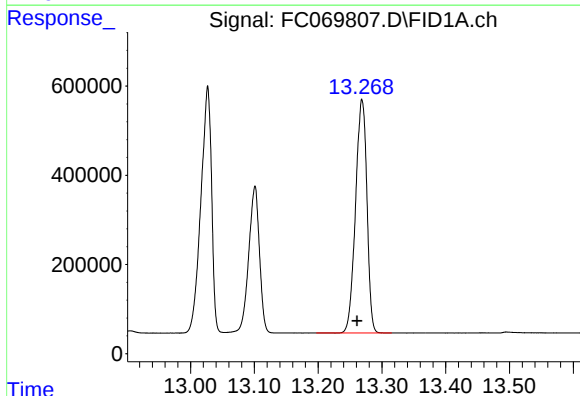
#9 ortho-Terphenyl (SURR)

R.T.: 11.666 min
Delta R.T.: 0.008 min
Response: 4752404
Conc: 36.70 ug/ml



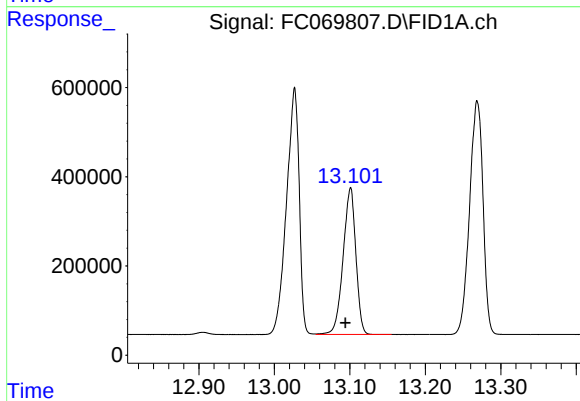
#10 n-Eicosane (C20)

R.T.: 12.656 min
Delta R.T.: 0.009 min
Response: 6802415
Conc: 58.60 ug/ml



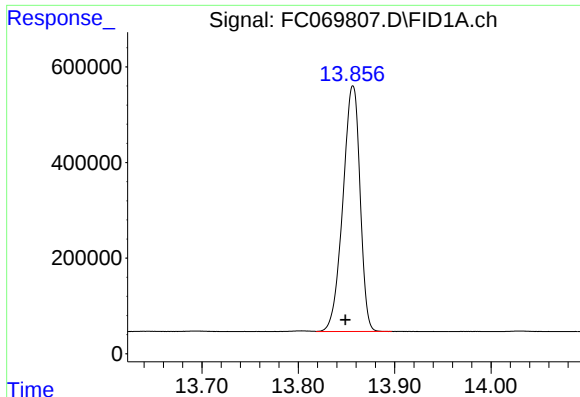
#11 n-Heneicosane (C21)

R.T.: 13.269 min
Delta R.T.: 0.008 min
Response: 6485615
Conc: 58.00 ug/ml



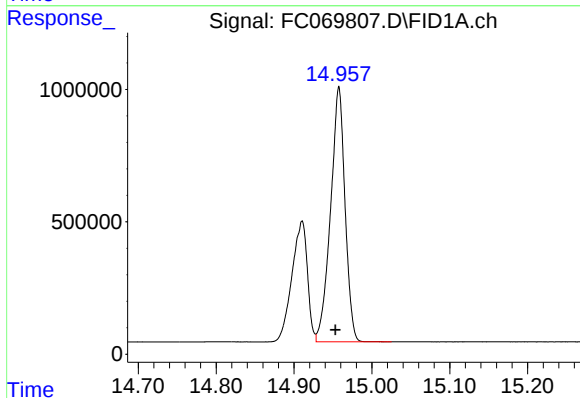
#12 1-chlorooctadecane (SURR)

R.T.: 13.101 min
Delta R.T.: 0.006 min
Response: 3861176
Conc: 40.35 ug/ml



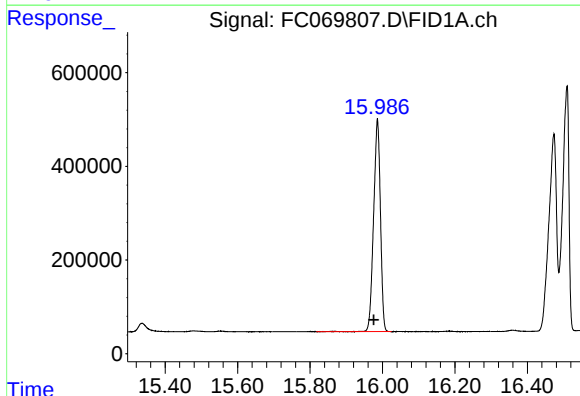
#13 n-Docosane (C22)

R.T.: 13.857 min
Delta R.T.: 0.008 min
Response: 6334600
Conc: 58.05 ug/ml



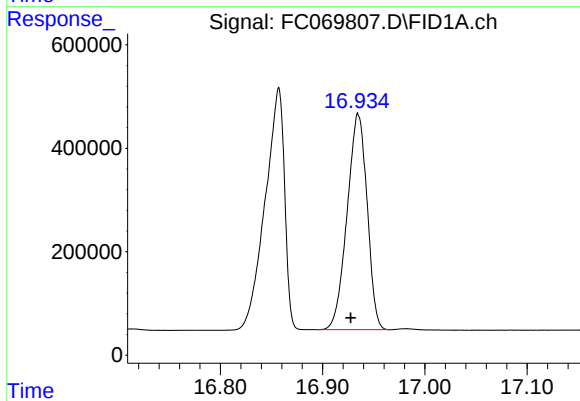
#14 n-Tetracosane (C24)

R.T.: 14.958 min
Delta R.T.: 0.004 min
Response: 12437836
Conc: 118.60 ug/ml



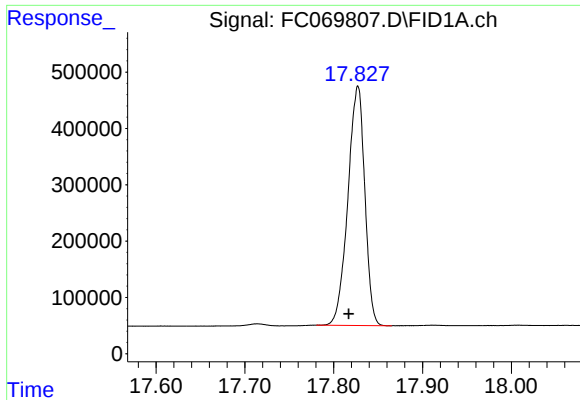
#15 n-Hexacosane (C26)

R.T.: 15.986 min
Delta R.T.: 0.010 min
Response: 5899384
Conc: 58.87 ug/ml



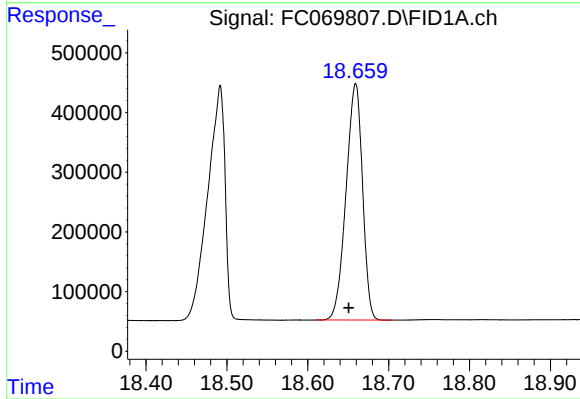
#16 n-Octacosane (C28)

R.T.: 16.935 min
Delta R.T.: 0.007 min
Response: 5675165
Conc: 58.94 ug/ml



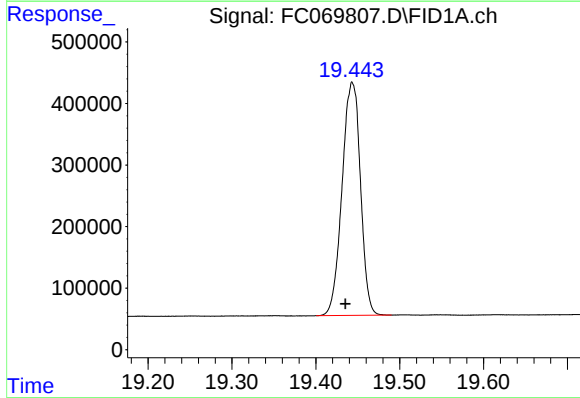
#17 n-Tricontane (C30)

R.T.: 17.827 min
Delta R.T.: 0.010 min
Response: 5623231
Conc: 58.47 ug/ml



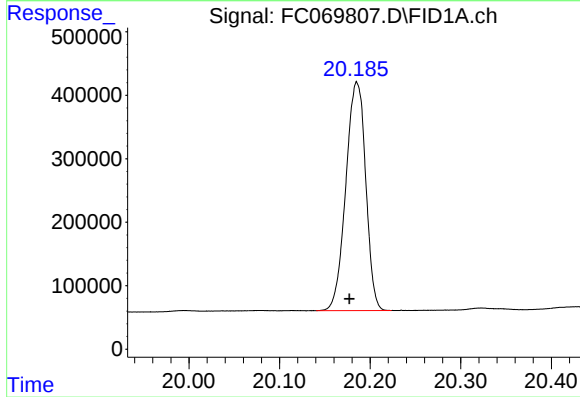
#18 n-Dotriacontane (C32)

R.T.: 18.659 min
Delta R.T.: 0.008 min
Response: 5607882
Conc: 60.20 ug/ml



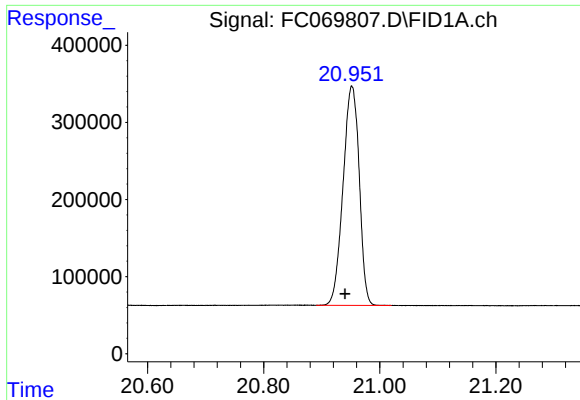
#19 n-Tetratriacontane (C34)

R.T.: 19.443 min
Delta R.T.: 0.008 min
Response: 5776998
Conc: 66.95 ug/ml



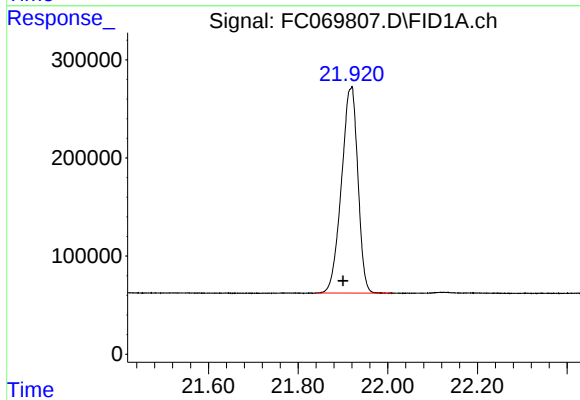
#20 n-Hexatriacontane (C36)

R.T.: 20.185 min
Delta R.T.: 0.008 min
Response: 5484312
Conc: 71.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.952 min
Delta R.T.: 0.012 min
Response: 5496368
Conc: 78.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.918 min
Delta R.T.: 0.017 min
Response: 5335061
Conc: 80.31 ug/ml