

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082925AL\
 Data File : FC069806.D
 Signal(s) : FID1A.ch
 Acq On : 29 Aug 2025 22:07
 Operator : YP/AJ
 Sample : Q2971-33MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 23:36:04 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)	11.665	4876953	37.662 ug/ml
Spiked Amount 50.000		Recovery =	75.32%
12) S 1-chlorooctadecane (S...	13.100	3962775	41.415 ug/ml
Spiked Amount 50.000		Recovery =	82.83%
Target Compounds			
1) T n-Nonane (C9)	3.398	4597949	36.676 ug/ml
2) T n-Decane (C10)	4.471	5515013	43.282 ug/ml
3) T A~Naphthalene (C11.7)	6.065	6653969	49.464 ug/ml
4) T n-Dodecane (C12)	6.494	6227794	48.603 ug/ml
5) T A~2-methylnaphthalene...	7.125	6374785	49.775 ug/ml
6) T n-Tetradecane (C14)	8.296	6513169	51.068 ug/ml
7) T n-Hexadecane (C16)	9.899	6953584	53.845 ug/ml
8) T n-Octadecane (C18)	11.344	6950549	55.435 ug/ml
10) T n-Eicosane (C20)	12.656	6985294	60.180 ug/ml
11) T n-Heneicosane (C21)	13.268	6662522	59.583 ug/ml
13) T n-Docosane (C22)	13.856	6508235	59.638 ug/ml
14) T n-Tetracosane (C24)	14.958	12742101	121.500 ug/ml
15) T n-Hexacosane (C26)	15.986	6045969	60.329 ug/ml
16) T n-Octacosane (C28)	16.935	5819635	60.442 ug/ml
17) T n-Tricontane (C30)	17.827	5773981	60.038 ug/ml
18) T n-Dotriacontane (C32)	18.658	5774282	61.987 ug/ml
19) T n-Tetratriacontane (C34)	19.444	5947426	68.920 ug/ml
20) T n-Hexatriacontane (C36)	20.184	5624994	73.733 ug/ml
21) T n-Octatriacontane (C38)	20.950	5619481	79.909 ug/ml
22) T n-Tetracontane (C40)	21.914	5446392	81.987 ug/ml

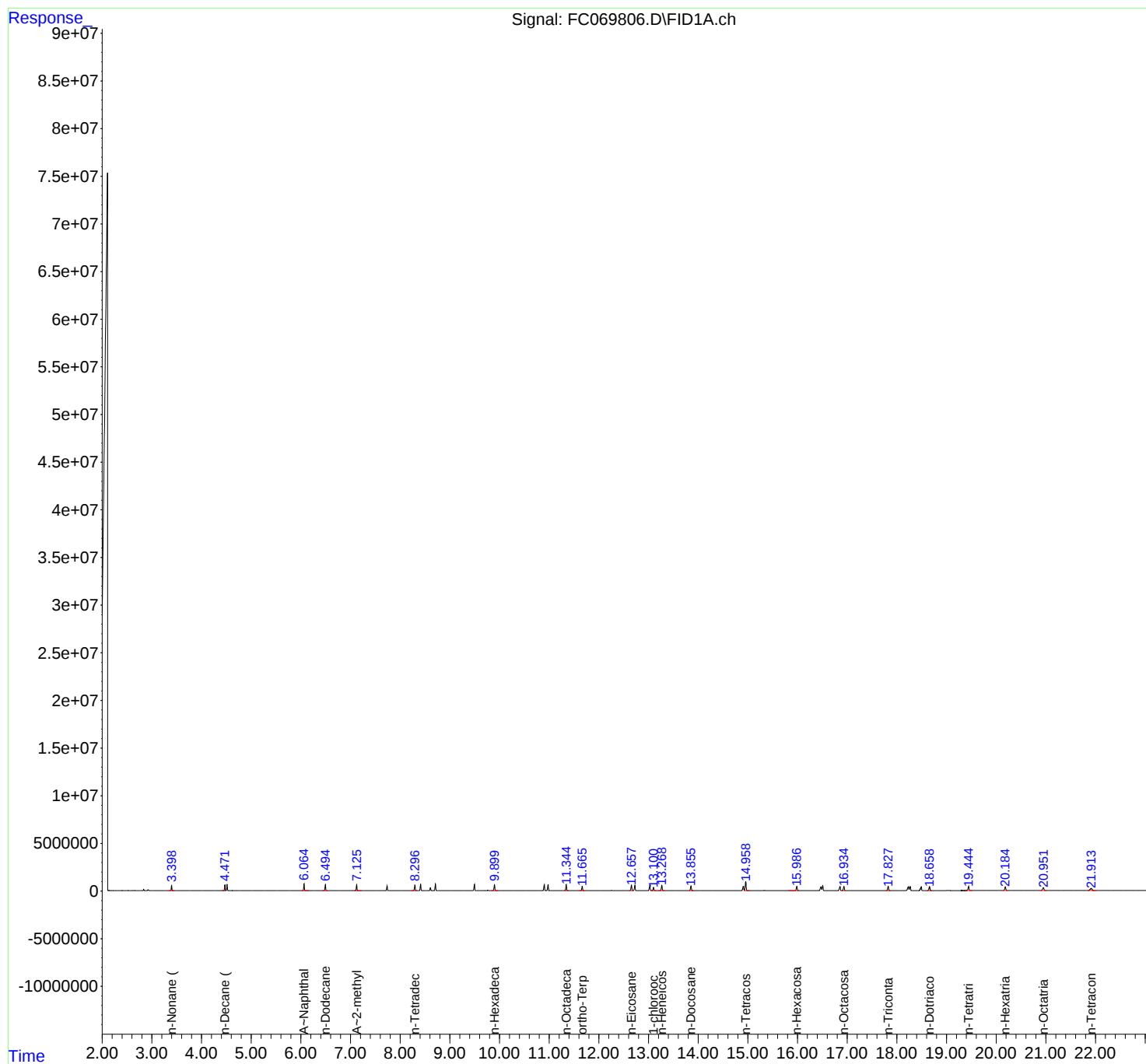
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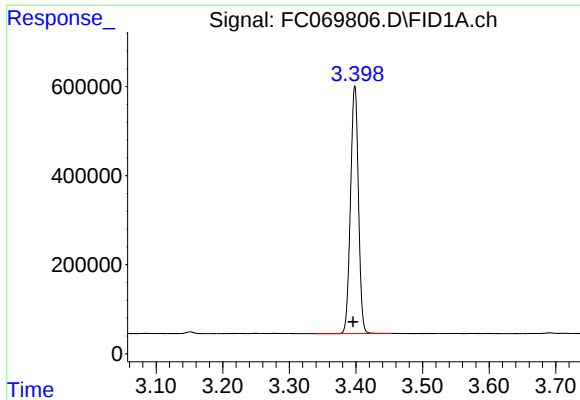
(m)=manual int.

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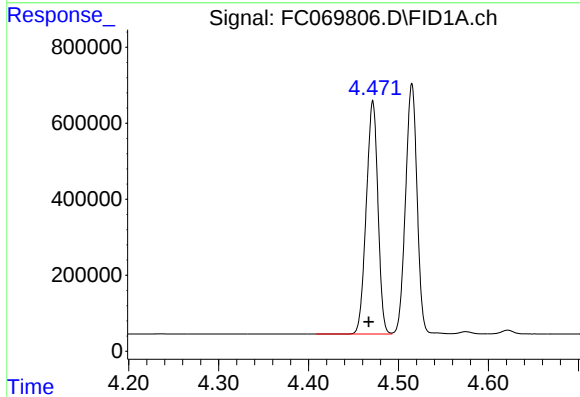
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Signal Info : 20M x 0.18mm x 0.18um





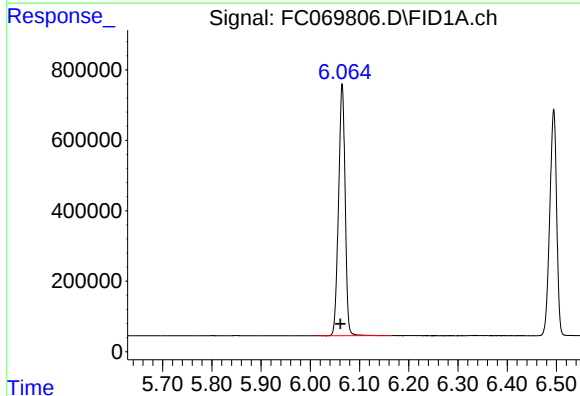
#1 n-Nonane (C9)

R.T.: 3.398 min
Delta R.T.: 0.002 min
Response: 4597949
Conc: 36.68 ug/ml



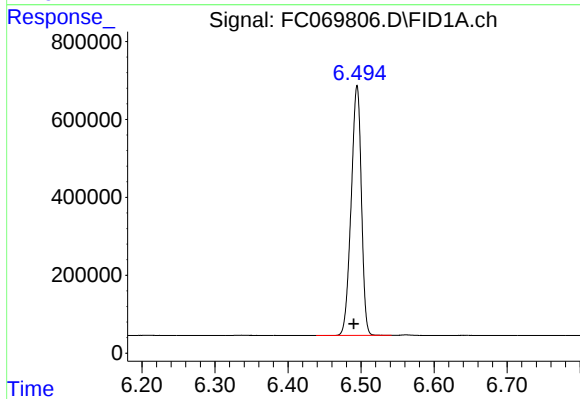
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: 0.004 min
Response: 5515013
Conc: 43.28 ug/ml



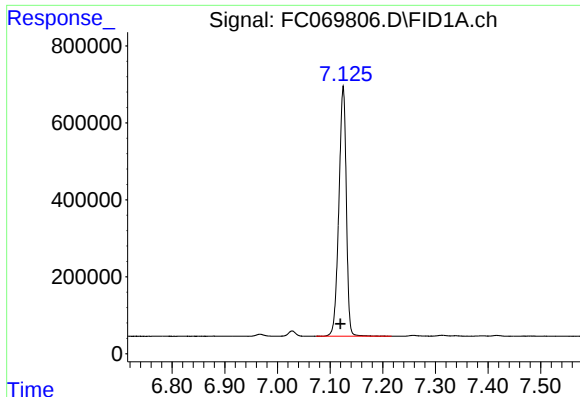
#3 A~Naphthalene (C11.7)

R.T.: 6.065 min
Delta R.T.: 0.004 min
Response: 6653969
Conc: 49.46 ug/ml



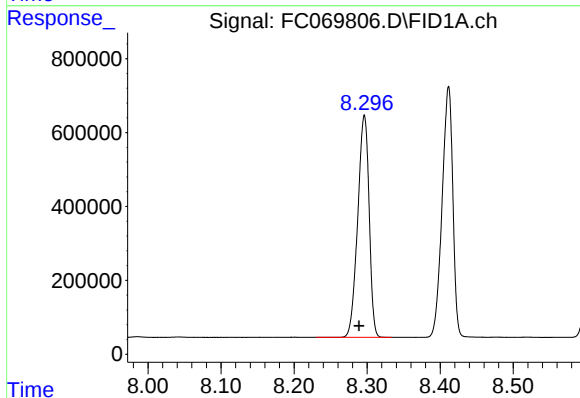
#4 n-Dodecane (C12)

R.T.: 6.494 min
Delta R.T.: 0.004 min
Response: 6227794
Conc: 48.60 ug/ml



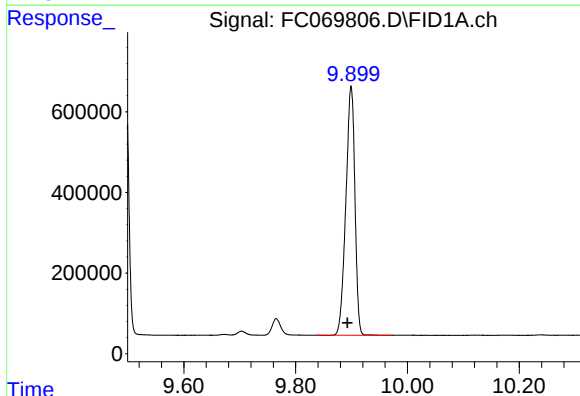
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.125 min
Delta R.T.: 0.005 min
Response: 6374785
Conc: 49.78 ug/ml



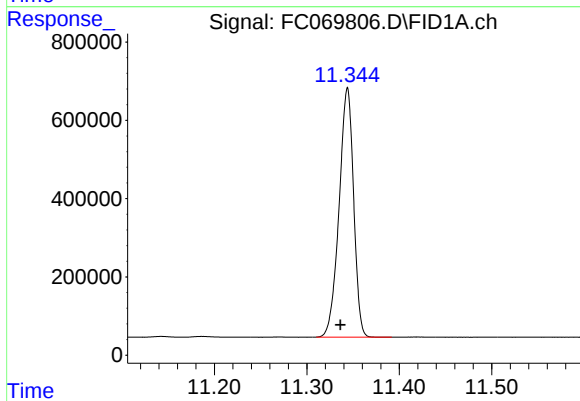
#6 n-Tetradecane (C14)

R.T.: 8.296 min
Delta R.T.: 0.007 min
Response: 6513169
Conc: 51.07 ug/ml



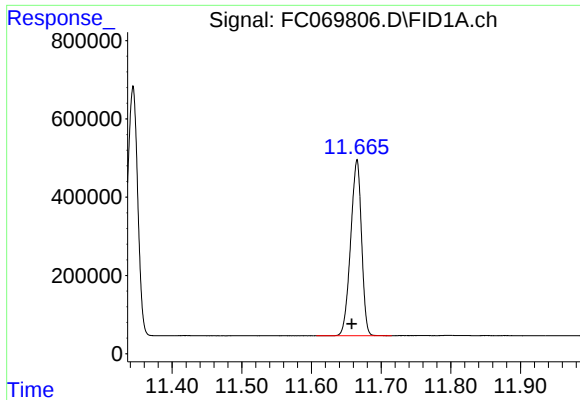
#7 n-Hexadecane (C16)

R.T.: 9.899 min
Delta R.T.: 0.007 min
Response: 6953584
Conc: 53.84 ug/ml



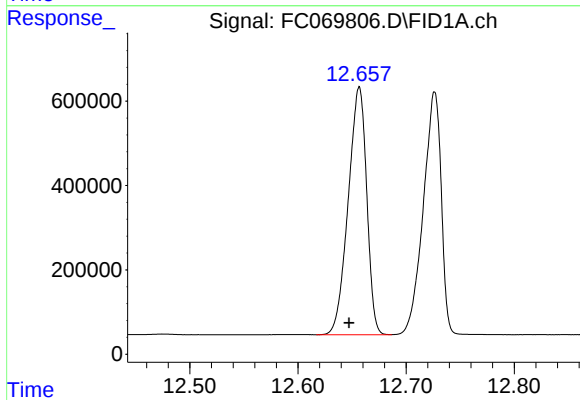
#8 n-Octadecane (C18)

R.T.: 11.344 min
Delta R.T.: 0.007 min
Response: 6950549
Conc: 55.44 ug/ml



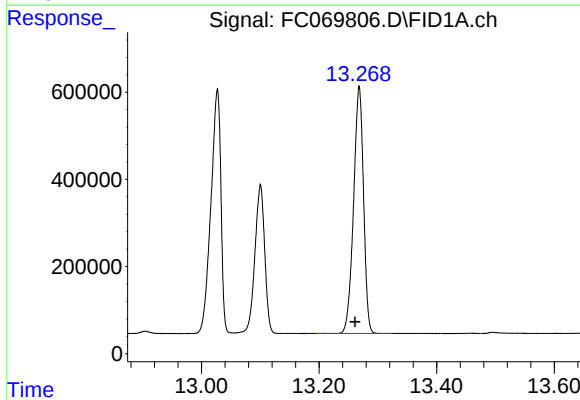
#9 ortho-Terphenyl (SURR)

R.T.: 11.665 min
Delta R.T.: 0.007 min
Response: 4876953
Conc: 37.66 ug/ml



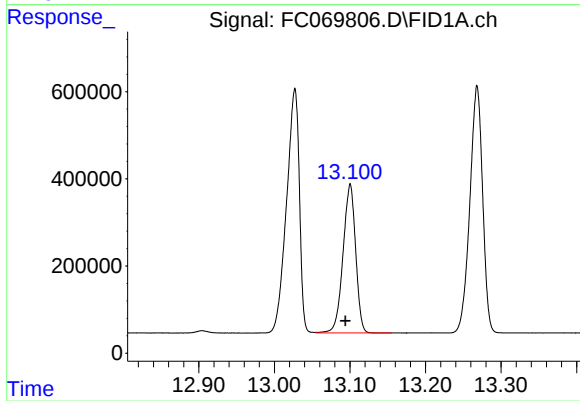
#10 n-Eicosane (C20)

R.T.: 12.656 min
Delta R.T.: 0.009 min
Response: 6985294
Conc: 60.18 ug/ml



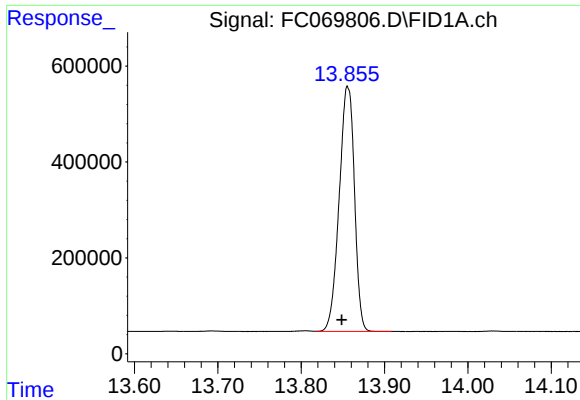
#11 n-Heneicosane (C21)

R.T.: 13.268 min
Delta R.T.: 0.007 min
Response: 6662522
Conc: 59.58 ug/ml



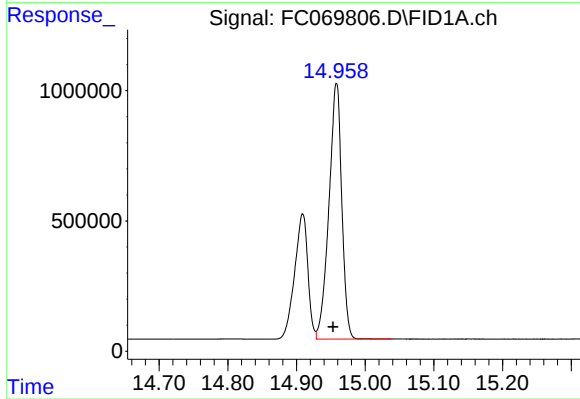
#12 1-chlorooctadecane (SURR)

R.T.: 13.100 min
Delta R.T.: 0.006 min
Response: 3962775
Conc: 41.41 ug/ml



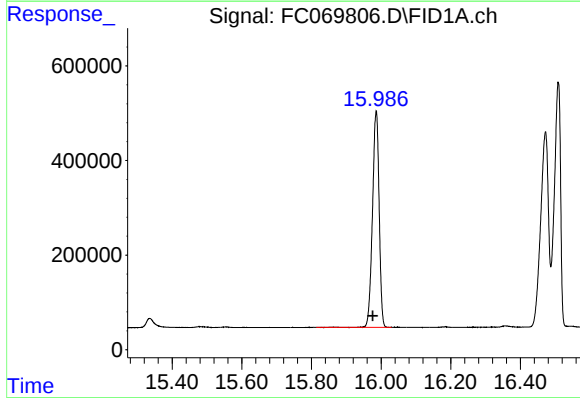
#13 n-Docosane (C22)

R.T.: 13.856 min
Delta R.T.: 0.007 min
Response: 6508235
Conc: 59.64 ug/ml



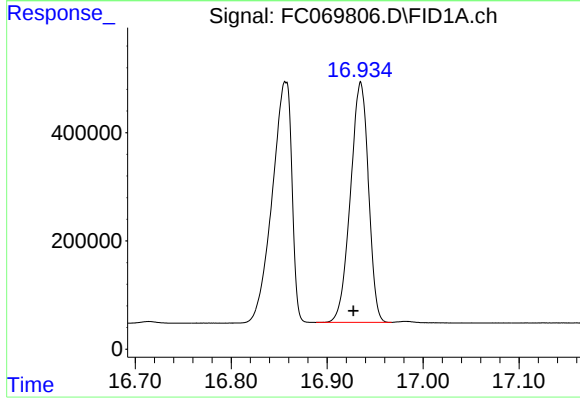
#14 n-Tetracosane (C24)

R.T.: 14.958 min
Delta R.T.: 0.005 min
Response: 12742101
Conc: 121.50 ug/ml



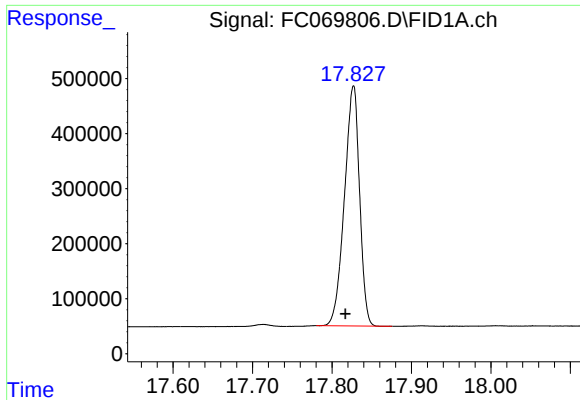
#15 n-Hexacosane (C26)

R.T.: 15.986 min
Delta R.T.: 0.010 min
Response: 6045969
Conc: 60.33 ug/ml



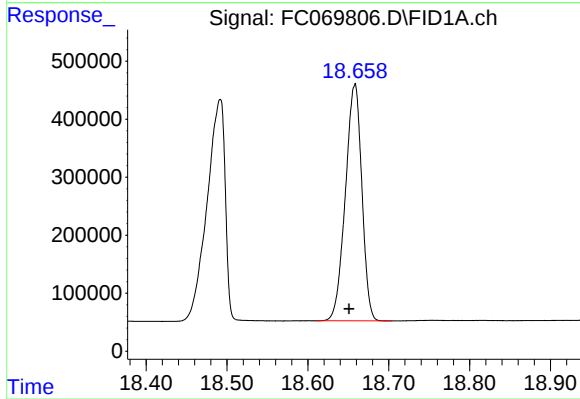
#16 n-Octacosane (C28)

R.T.: 16.935 min
Delta R.T.: 0.007 min
Response: 5819635
Conc: 60.44 ug/ml



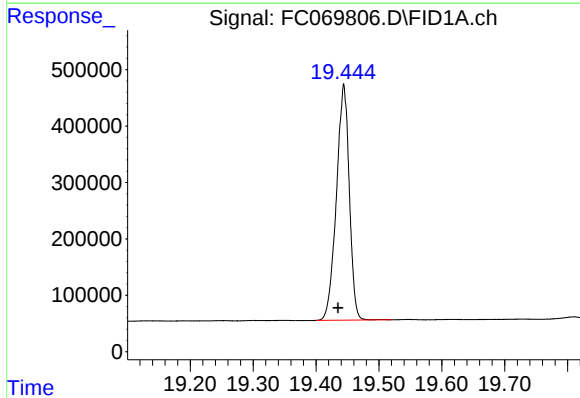
#17 n-Tricontane (C30)

R.T.: 17.827 min
Delta R.T.: 0.010 min
Response: 5773981
Conc: 60.04 ug/ml



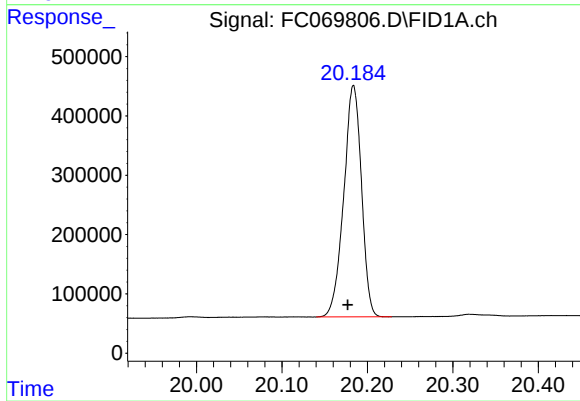
#18 n-Dotriacontane (C32)

R.T.: 18.658 min
Delta R.T.: 0.007 min
Response: 5774282
Conc: 61.99 ug/ml



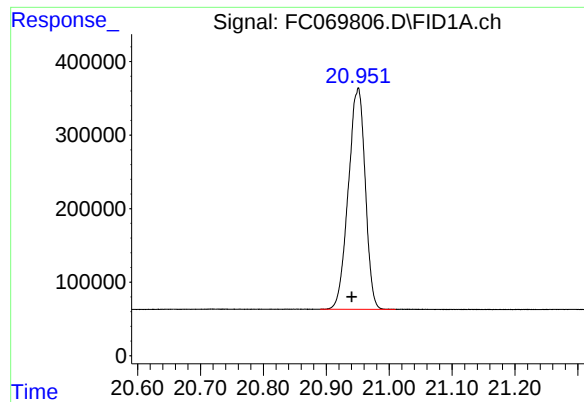
#19 n-Tetratriacontane (C34)

R.T.: 19.444 min
Delta R.T.: 0.009 min
Response: 5947426
Conc: 68.92 ug/ml



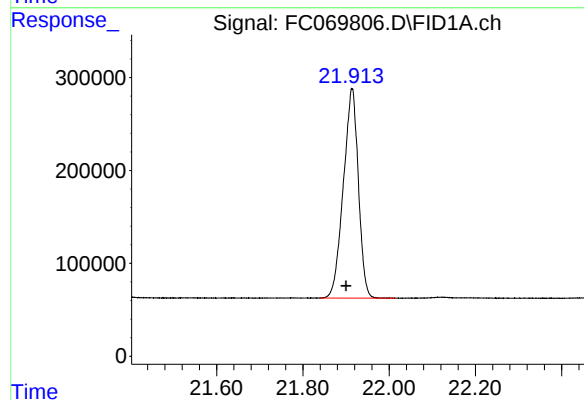
#20 n-Hexatriacontane (C36)

R.T.: 20.184 min
Delta R.T.: 0.007 min
Response: 5624994
Conc: 73.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.950 min
Delta R.T.: 0.010 min
Response: 5619481
Conc: 79.91 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.914 min
Delta R.T.: 0.013 min
Response: 5446392
Conc: 81.99 ug/ml