

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082925AL\
 Data File : FC069799.D
 Signal(s) : FID1A.ch
 Acq On : 29 Aug 2025 15:57
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 23:33:27 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)	11.663	2444676	18.879 ug/ml
Spiked Amount 50.000		Recovery =	37.76%
12) S 1-chlorooctadecane (S...	13.099	1842598	19.257 ug/ml
Spiked Amount 50.000		Recovery =	38.51%
Target Compounds			
1) T n-Nonane (C9)	3.394	2352080	18.762 ug/ml
2) T n-Decane (C10)	4.467	2399434	18.831 ug/ml
3) T A~Naphthalene (C11.7)	6.063	2544660	18.916 ug/ml
4) T n-Dodecane (C12)	6.493	2424327	18.920 ug/ml
5) T A~2-methylnaphthalene...	7.122	2420502	18.900 ug/ml
6) T n-Tetradecane (C14)	8.292	2369877	18.582 ug/ml
7) T n-Hexadecane (C16)	9.896	2411356	18.672 ug/ml
8) T n-Octadecane (C18)	11.341	2352710	18.764 ug/ml
10) T n-Eicosane (C20)	12.653	2190206	18.869 ug/ml
11) T n-Heneicosane (C21)	13.266	2120635	18.965 ug/ml
13) T n-Docosane (C22)	13.853	2074644	19.011 ug/ml
14) T n-Tetracosane (C24)	14.958	2011102	19.176 ug/ml
15) T n-Hexacosane (C26)	15.981	1927557	19.234 ug/ml
16) T n-Octacosane (C28)	16.932	1857677	19.294 ug/ml
17) T n-Tricontane (C30)	17.821	1868658	19.430 ug/ml
18) T n-Dotriacontane (C32)	18.656	1819852	19.536 ug/ml
19) T n-Tetratriacontane (C34)	19.441	1692378	19.612 ug/ml
20) T n-Hexatriacontane (C36)	20.181	1503618	19.710 ug/ml
21) T n-Octatriacontane (C38)	20.947	1381668	19.647 ug/ml
22) T n-Tetracontane (C40)	21.909	1322393	19.907 ug/ml

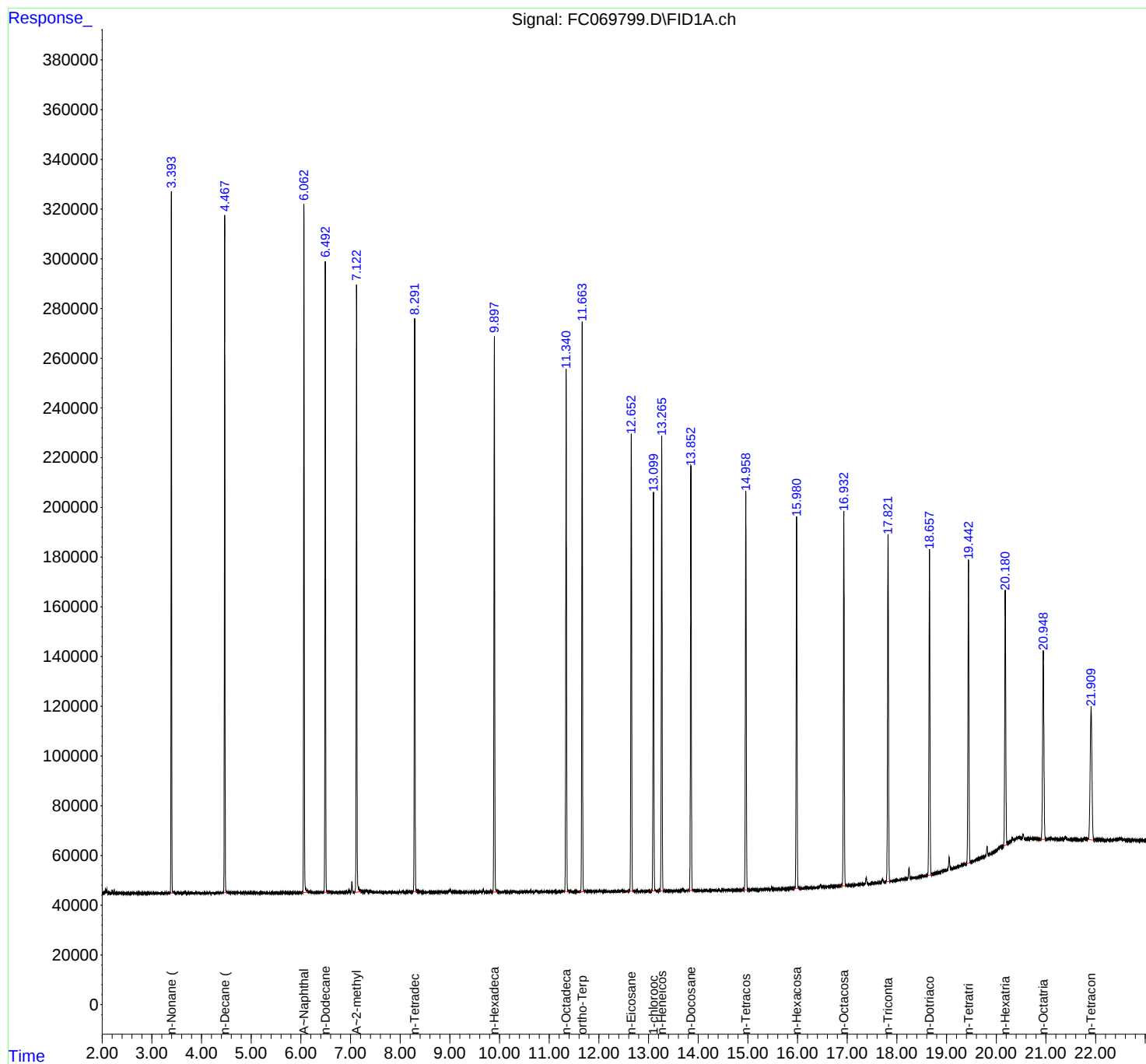
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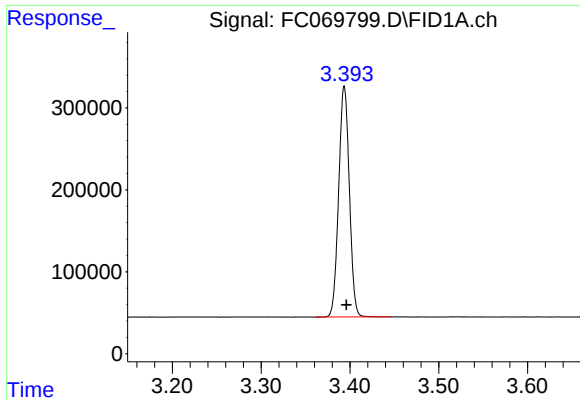
(m)=manual int.

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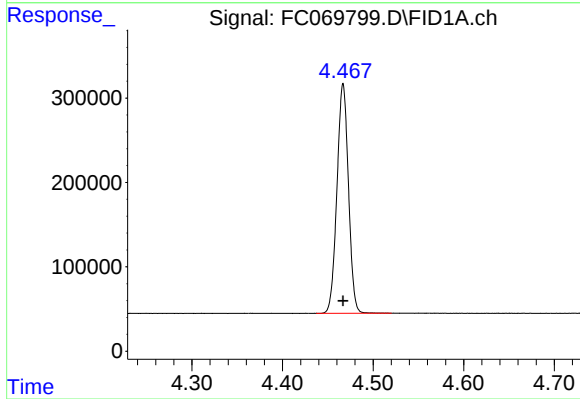
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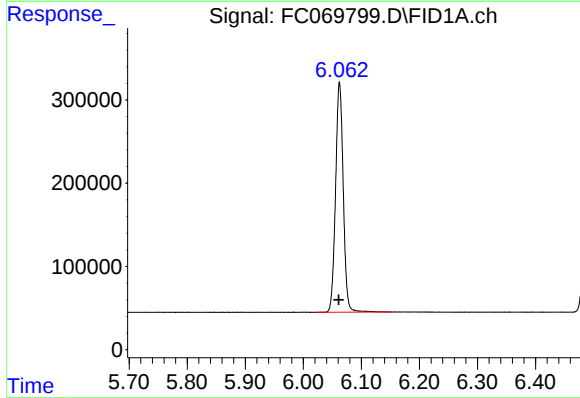
#1 n-Nonane (C9)

R.T.: 3.394 min
Delta R.T.: -0.002 min
Response: 2352080
Conc: 18.76 ug/ml



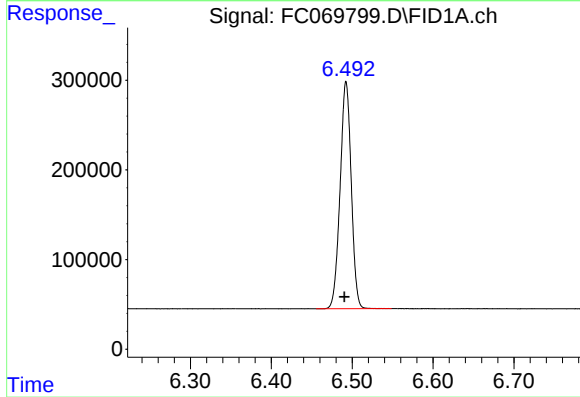
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 2399434
Conc: 18.83 ug/ml



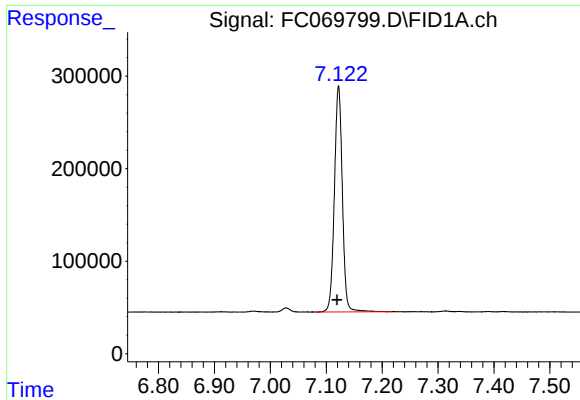
#3 A~Naphthalene (C11.7)

R.T.: 6.063 min
Delta R.T.: 0.001 min
Response: 2544660
Conc: 18.92 ug/ml



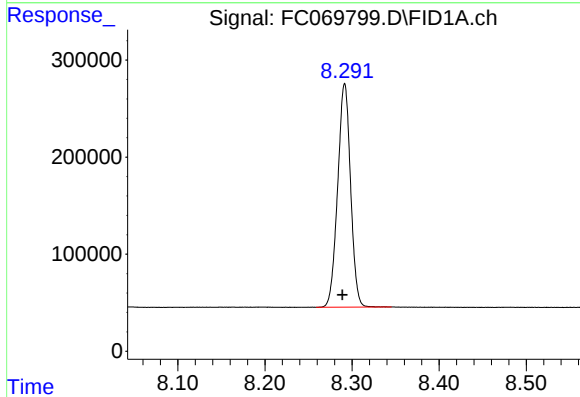
#4 n-Dodecane (C12)

R.T.: 6.493 min
Delta R.T.: 0.002 min
Response: 2424327
Conc: 18.92 ug/ml



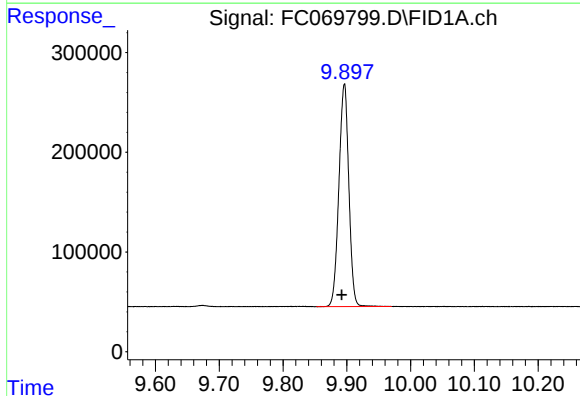
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.122 min
Delta R.T.: 0.002 min
Response: 2420502
Conc: 18.90 ug/ml



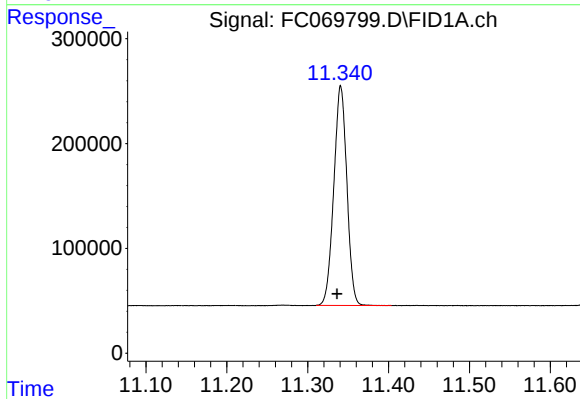
#6 n-Tetradecane (C14)

R.T.: 8.292 min
Delta R.T.: 0.003 min
Response: 2369877
Conc: 18.58 ug/ml



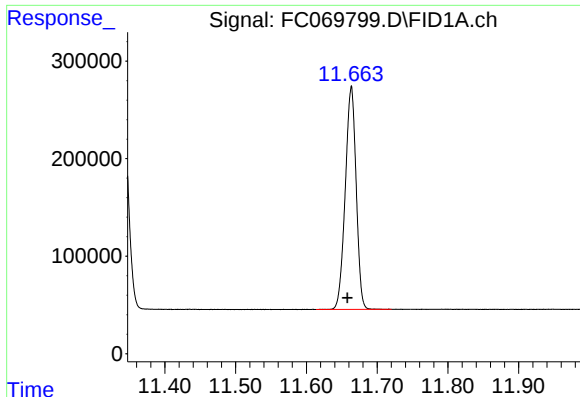
#7 n-Hexadecane (C16)

R.T.: 9.896 min
Delta R.T.: 0.004 min
Response: 2411356
Conc: 18.67 ug/ml



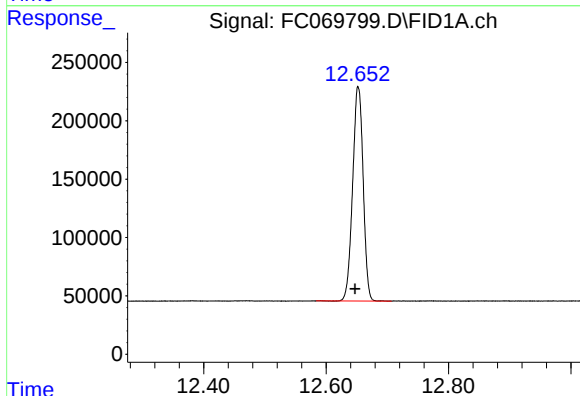
#8 n-Octadecane (C18)

R.T.: 11.341 min
Delta R.T.: 0.005 min
Response: 2352710
Conc: 18.76 ug/ml



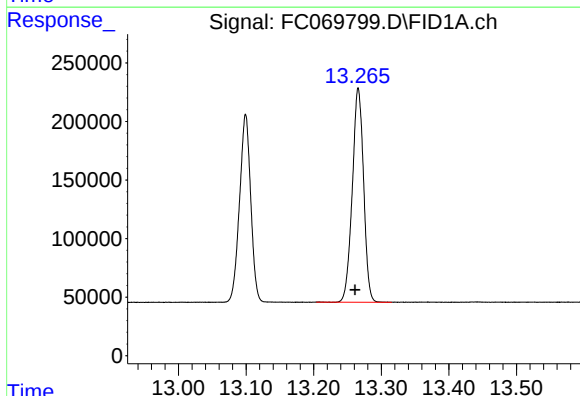
#9 ortho-Terphenyl (SURR)

R.T.: 11.663 min
Delta R.T.: 0.006 min
Response: 2444676
Conc: 18.88 ug/ml



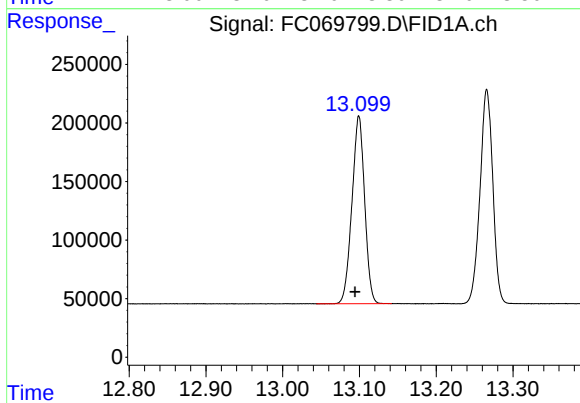
#10 n-Eicosane (C20)

R.T.: 12.653 min
Delta R.T.: 0.005 min
Response: 2190206
Conc: 18.87 ug/ml



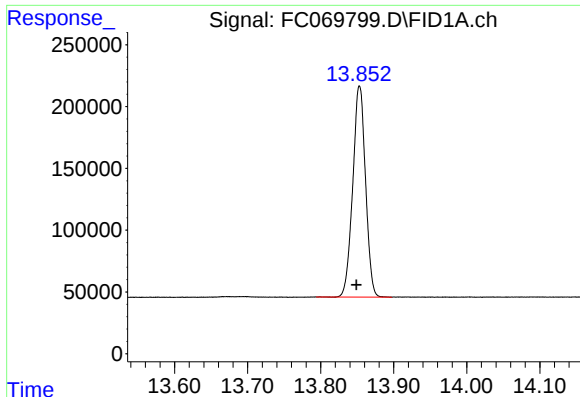
#11 n-Heneicosane (C21)

R.T.: 13.266 min
Delta R.T.: 0.005 min
Response: 2120635
Conc: 18.96 ug/ml



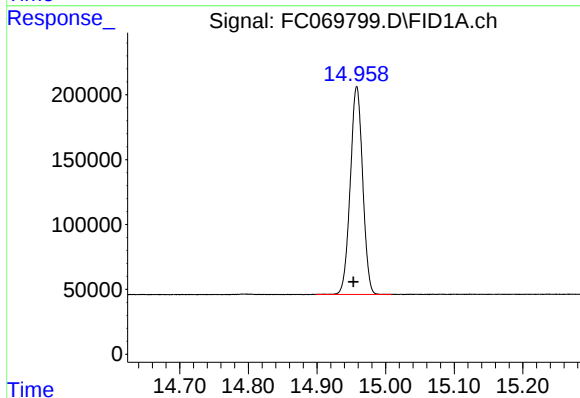
#12 1-chlorooctadecane (SURR)

R.T.: 13.099 min
Delta R.T.: 0.005 min
Response: 1842598
Conc: 19.26 ug/ml



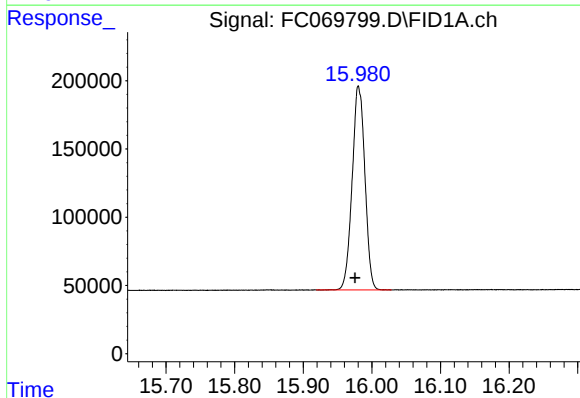
#13 n-Docosane (C22)

R.T.: 13.853 min
Delta R.T.: 0.004 min
Response: 2074644
Conc: 19.01 ug/ml



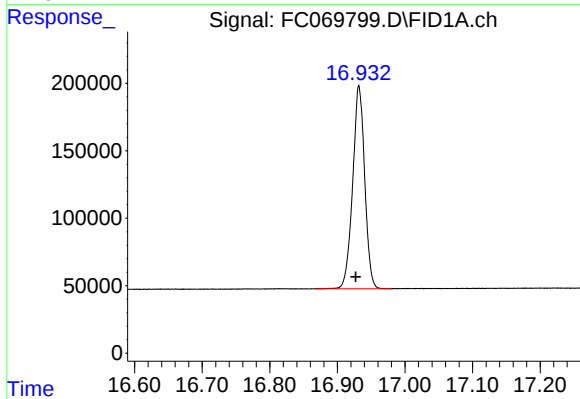
#14 n-Tetracosane (C24)

R.T.: 14.958 min
Delta R.T.: 0.005 min
Response: 2011102
Conc: 19.18 ug/ml



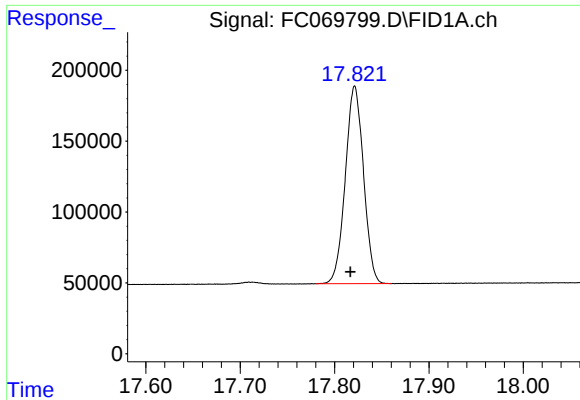
#15 n-Hexacosane (C26)

R.T.: 15.981 min
Delta R.T.: 0.005 min
Response: 1927557
Conc: 19.23 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.932 min
Delta R.T.: 0.005 min
Response: 1857677
Conc: 19.29 ug/ml



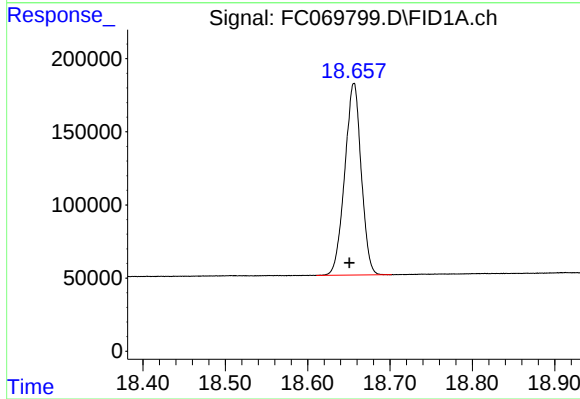
#17 n-Tricontane (C30)

R.T.: 17.821 min

Delta R.T.: 0.004 min

Response: 1868658

Conc: 19.43 ug/ml



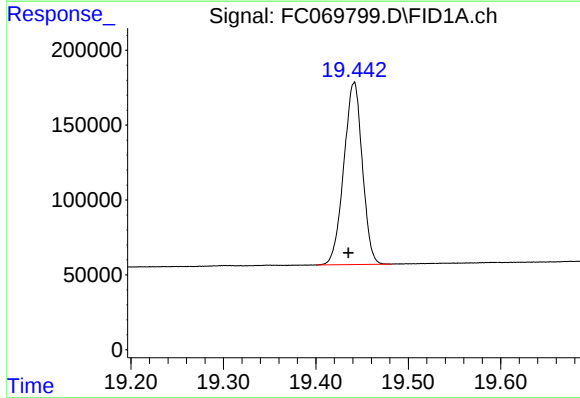
#18 n-Dotriacontane (C32)

R.T.: 18.656 min

Delta R.T.: 0.005 min

Response: 1819852

Conc: 19.54 ug/ml



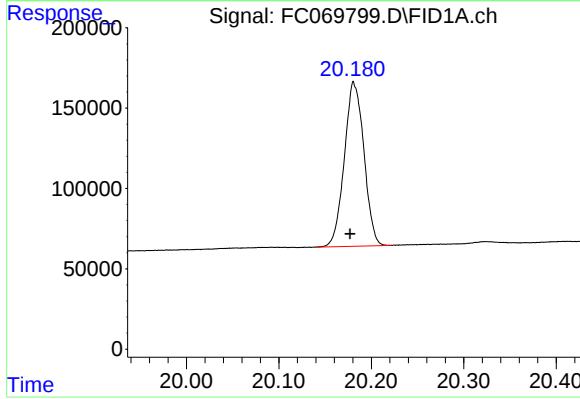
#19 n-Tetratriacontane (C34)

R.T.: 19.441 min

Delta R.T.: 0.006 min

Response: 1692378

Conc: 19.61 ug/ml



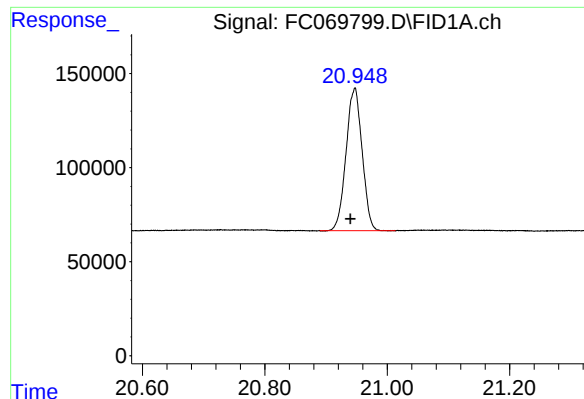
#20 n-Hexatriacontane (C36)

R.T.: 20.181 min

Delta R.T.: 0.005 min

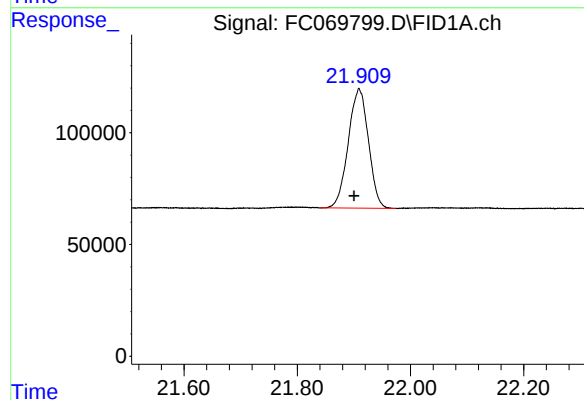
Response: 1503618

Conc: 19.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.947 min
Delta R.T.: 0.006 min
Response: 1381668
Conc: 19.65 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.909 min
Delta R.T.: 0.009 min
Response: 1322393
Conc: 19.91 ug/ml