

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100325AL\
 Data File : FC069919.D
 Signal(s) : FID1A.ch
 Acq On : 02 Oct 2025 20:19
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 03 08:05:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 23 14:56:40 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)	11.647	3848789	20.549 ug/ml
Spiked Amount 50.000		Recovery =	41.10%
12) S 1-chlorooctadecane (S...	13.081	3014354	19.088 ug/ml
Spiked Amount 50.000		Recovery =	38.18%
Target Compounds			
1) T n-Nonane (C9)	3.387	2973610	23.196 ug/ml
2) T n-Decane (C10)	4.458	3201707	24.095 ug/ml
3) T A~Naphthalene (C11.7)	6.052	3605075	24.285 ug/ml
4) T n-Dodecane (C12)	6.480	3447844	24.716 ug/ml
5) T A~2-methylnaphthalene...	7.110	3588541	24.305 ug/ml
6) T n-Tetradecane (C14)	8.278	3575805	24.109 ug/ml
7) T n-Hexadecane (C16)	9.881	3781526	22.915 ug/ml
8) T n-Octadecane (C18)	11.325	3781197	21.216 ug/ml
10) T n-Eicosane (C20)	12.635	3566460	19.801 ug/ml
11) T n-Heneicosane (C21)	13.247	3445234	19.107 ug/ml
13) T n-Docosane (C22)	13.835	3385997	18.638 ug/ml
14) T n-Tetracosane (C24)	14.938	3295939	17.912 ug/ml
15) T n-Hexacosane (C26)	15.959	3131874	17.250 ug/ml
16) T n-Octacosane (C28)	16.910	3053623	17.298 ug/ml
17) T n-Tricontane (C30)	17.799	3236535	18.491 ug/ml
18) T n-Dotriacontane (C32)	18.630	3257557	20.135 ug/mlm
19) T n-Tetratriacontane (C34)	19.414	2903860	20.779 ug/ml
20) T n-Hexatriacontane (C36)	20.155	2412114	21.365 ug/ml
21) T n-Octatriacontane (C38)	20.910	2058523	21.339 ug/mlm
22) T n-Tetracontane (C40)	21.863	1834105	21.295 ug/ml

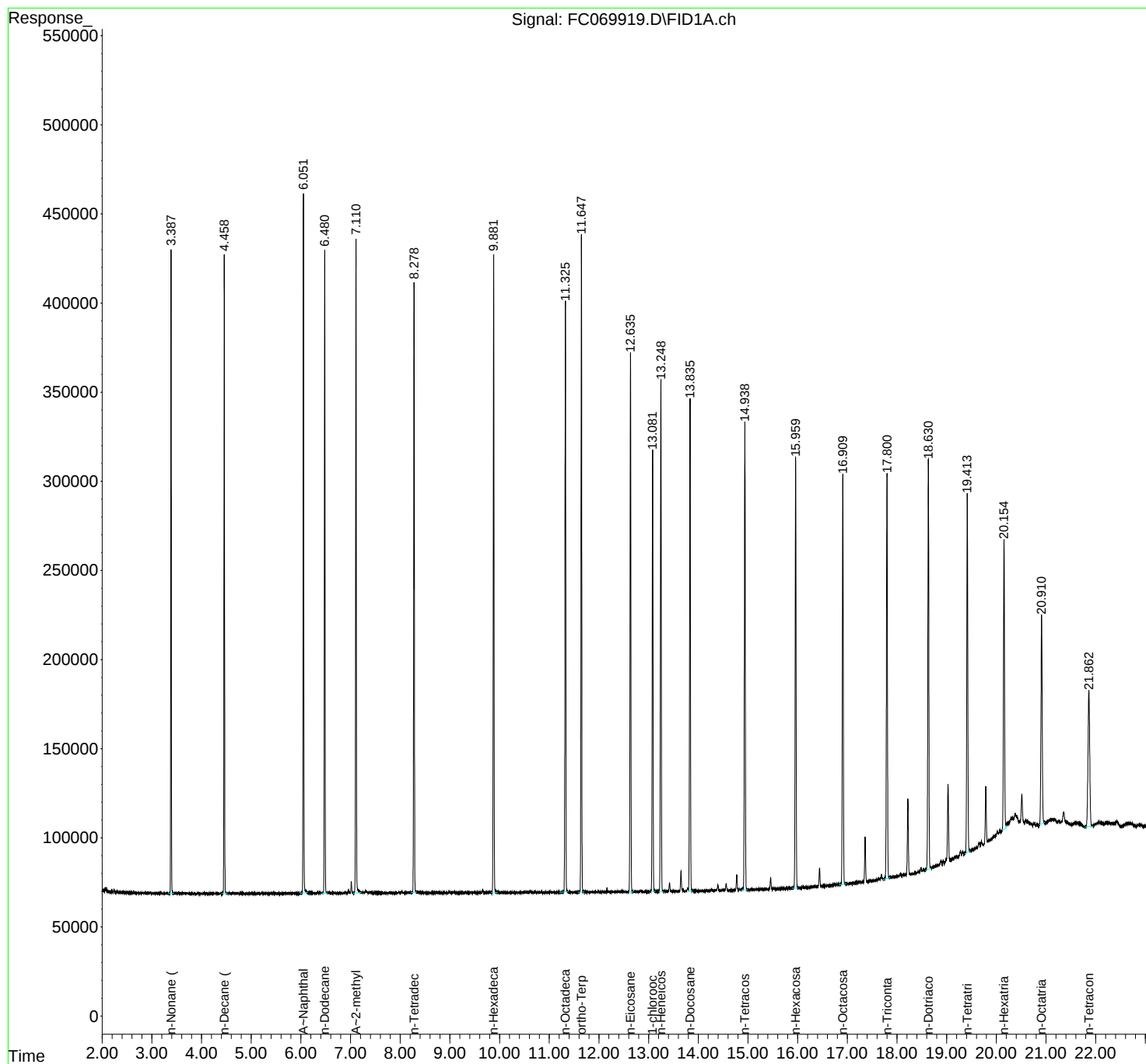
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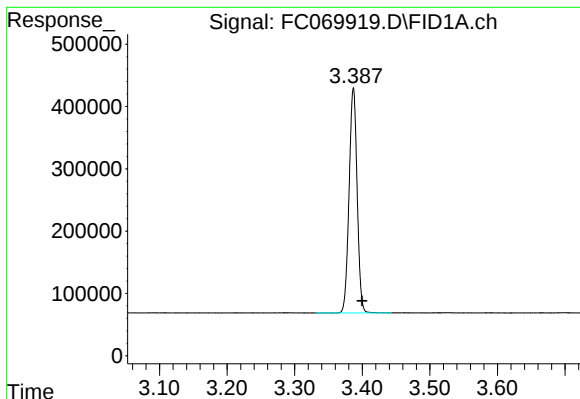
(m)=manual int.

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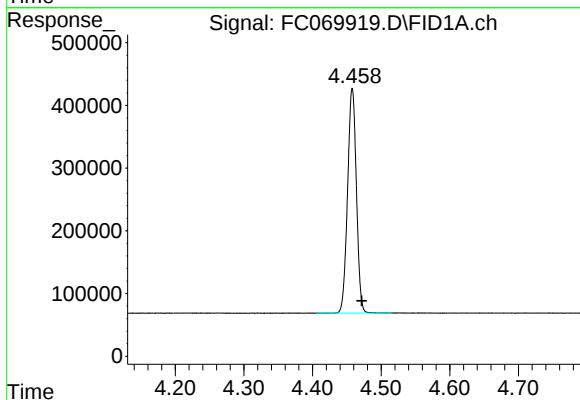
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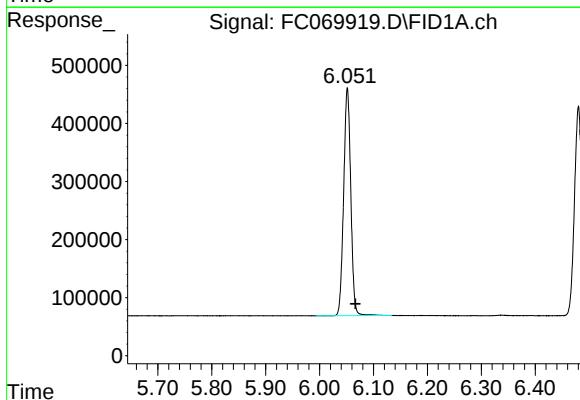
#1 n-Nonane (C9)

R.T.: 3.387 min
Delta R.T.: -0.013 min
Response: 2973610
Conc: 23.20 ug/ml



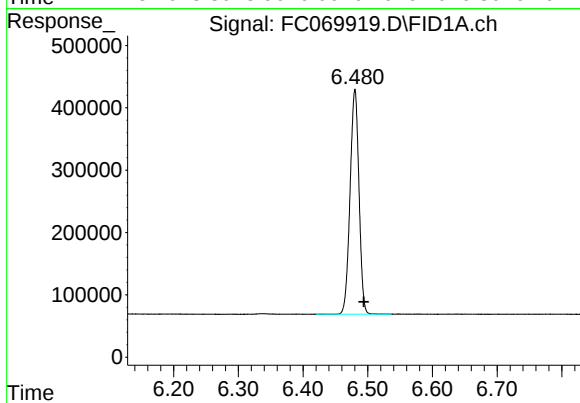
#2 n-Decane (C10)

R.T.: 4.458 min
Delta R.T.: -0.014 min
Response: 3201707
Conc: 24.09 ug/ml



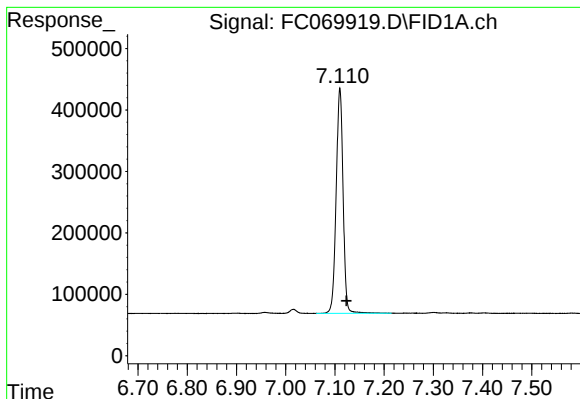
#3 A~Naphthalene (C11.7)

R.T.: 6.052 min
Delta R.T.: -0.015 min
Response: 3605075
Conc: 24.29 ug/ml



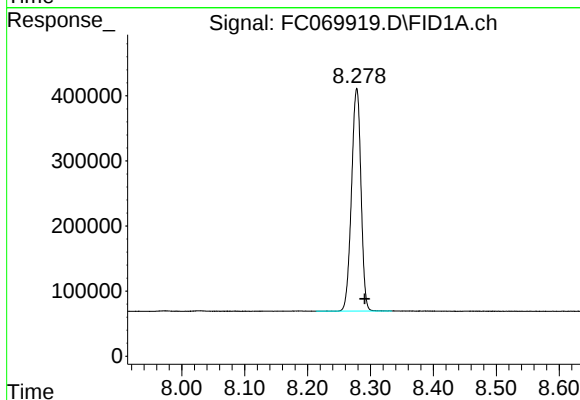
#4 n-Dodecane (C12)

R.T.: 6.480 min
Delta R.T.: -0.014 min
Response: 3447844
Conc: 24.72 ug/ml



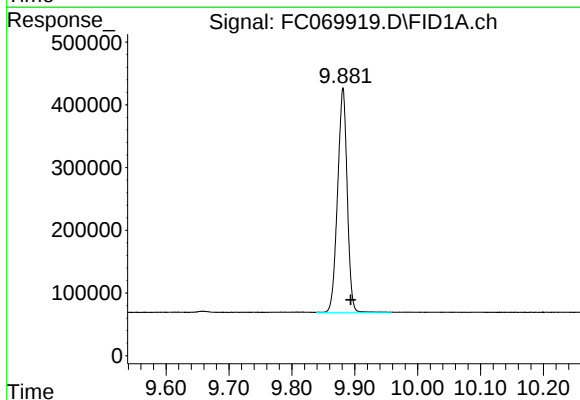
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.110 min
Delta R.T.: -0.014 min
Response: 3588541
Conc: 24.31 ug/ml



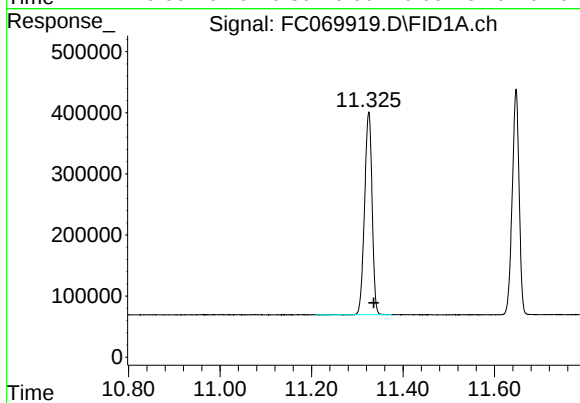
#6 n-Tetradecane (C14)

R.T.: 8.278 min
Delta R.T.: -0.013 min
Response: 3575805
Conc: 24.11 ug/ml



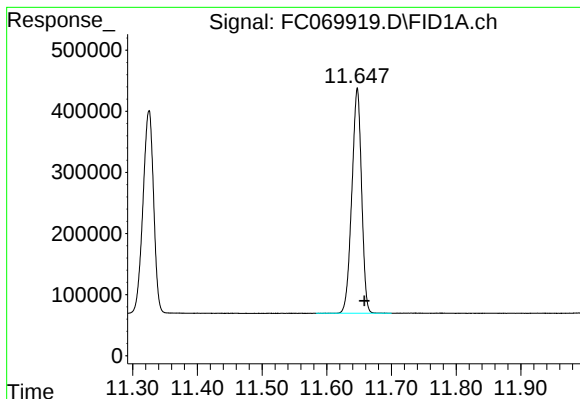
#7 n-Hexadecane (C16)

R.T.: 9.881 min
Delta R.T.: -0.013 min
Response: 3781526
Conc: 22.91 ug/ml



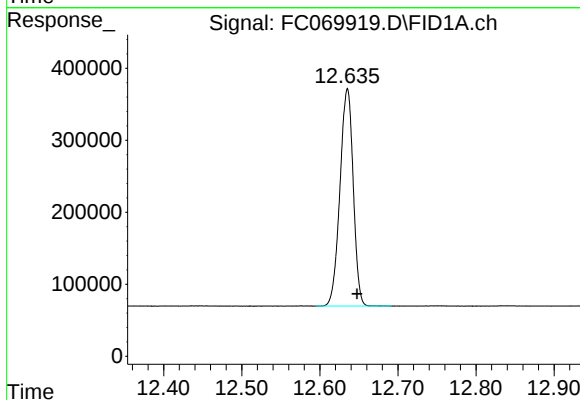
#8 n-Octadecane (C18)

R.T.: 11.325 min
Delta R.T.: -0.011 min
Response: 3781197
Conc: 21.22 ug/ml



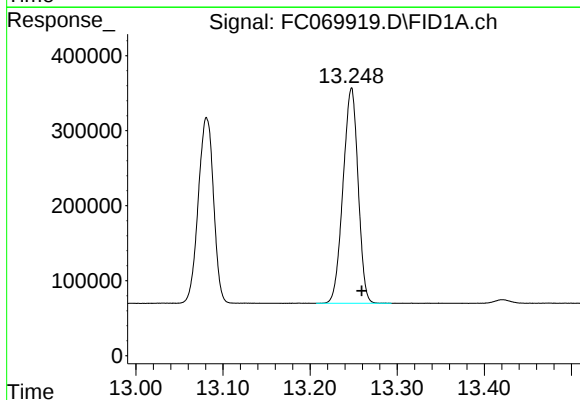
#9 ortho-Terphenyl (SURR)

R.T.: 11.647 min
Delta R.T.: -0.011 min
Response: 3848789
Conc: 20.55 ug/ml



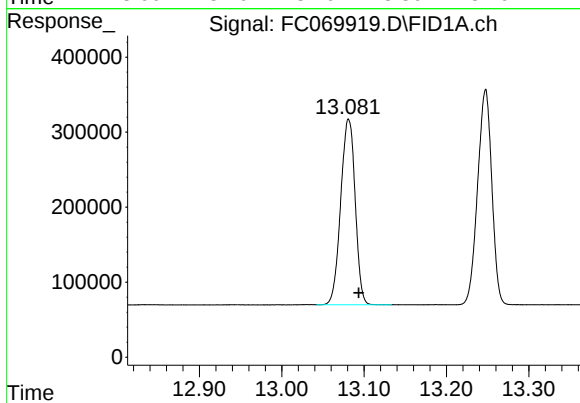
#10 n-Eicosane (C20)

R.T.: 12.635 min
Delta R.T.: -0.012 min
Response: 3566460
Conc: 19.80 ug/ml



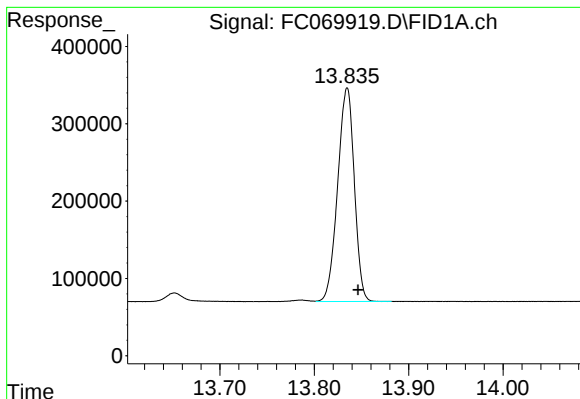
#11 n-Heneicosane (C21)

R.T.: 13.247 min
Delta R.T.: -0.012 min
Response: 3445234
Conc: 19.11 ug/ml



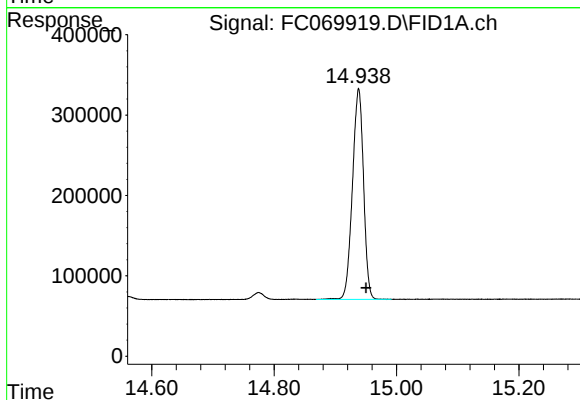
#12 1-chlorooctadecane (SURR)

R.T.: 13.081 min
Delta R.T.: -0.012 min
Response: 3014354
Conc: 19.09 ug/ml



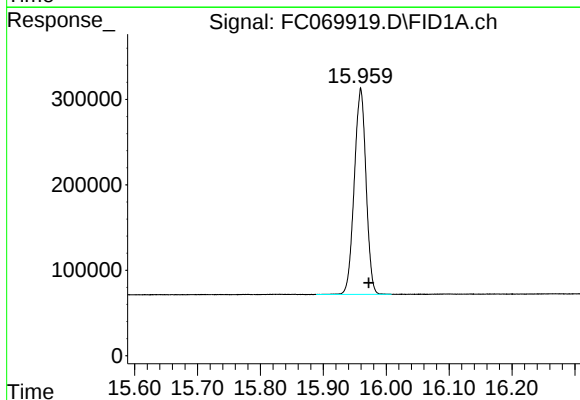
#13 n-Docosane (C22)

R.T.: 13.835 min
Delta R.T.: -0.012 min
Response: 3385997
Conc: 18.64 ug/ml



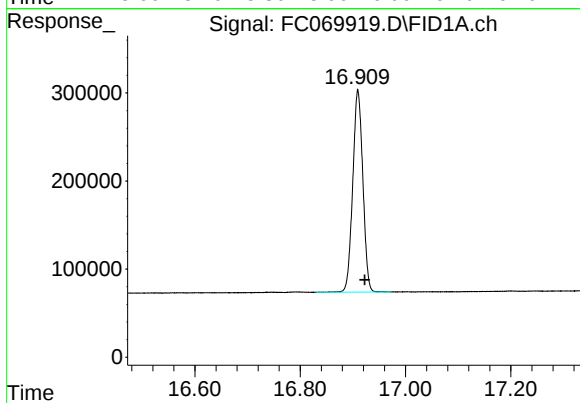
#14 n-Tetracosane (C24)

R.T.: 14.938 min
Delta R.T.: -0.012 min
Response: 3295939
Conc: 17.91 ug/ml



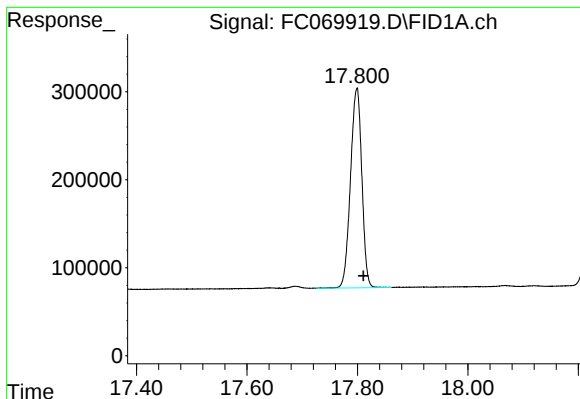
#15 n-Hexacosane (C26)

R.T.: 15.959 min
Delta R.T.: -0.013 min
Response: 3131874
Conc: 17.25 ug/ml



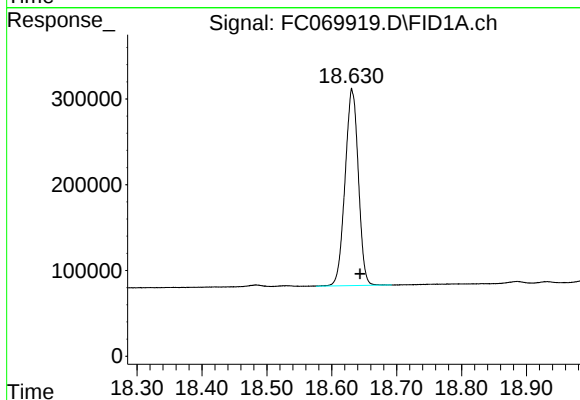
#16 n-Octacosane (C28)

R.T.: 16.910 min
Delta R.T.: -0.013 min
Response: 3053623
Conc: 17.30 ug/ml



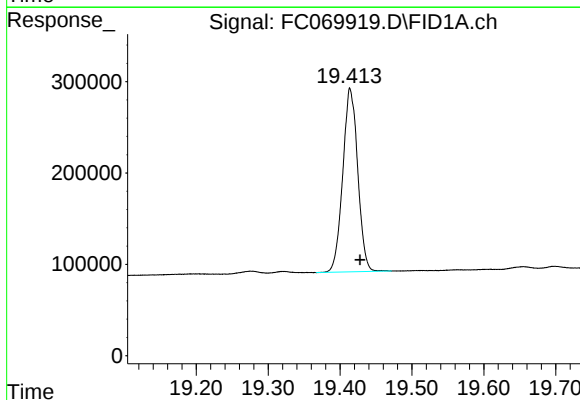
#17 n-Tricontane (C30)

R.T.: 17.799 min
Delta R.T.: -0.012 min
Response: 3236535
Conc: 18.49 ug/ml



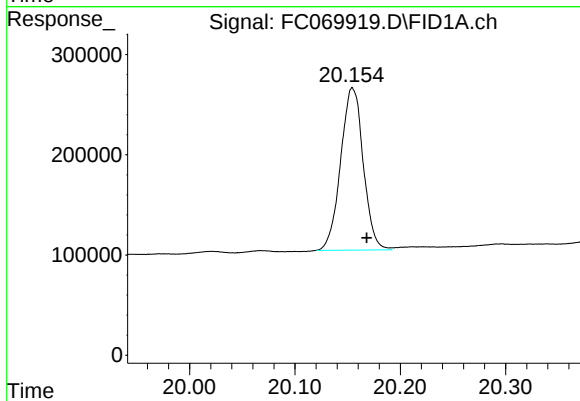
#18 n-Dotriacontane (C32)

R.T.: 18.630 min
Delta R.T.: -0.013 min
Response: 3257557
Conc: 20.14 ug/ml m



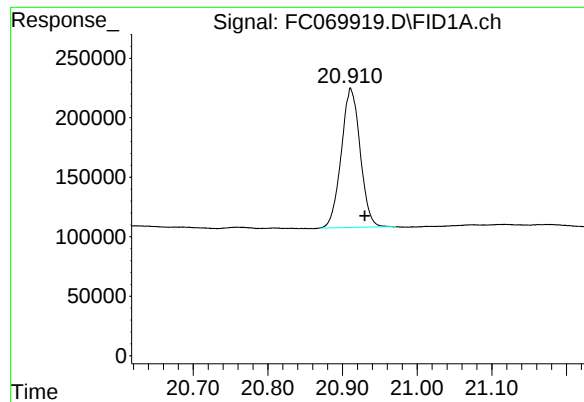
#19 n-Tetratriacontane (C34)

R.T.: 19.414 min
Delta R.T.: -0.014 min
Response: 2903860
Conc: 20.78 ug/ml



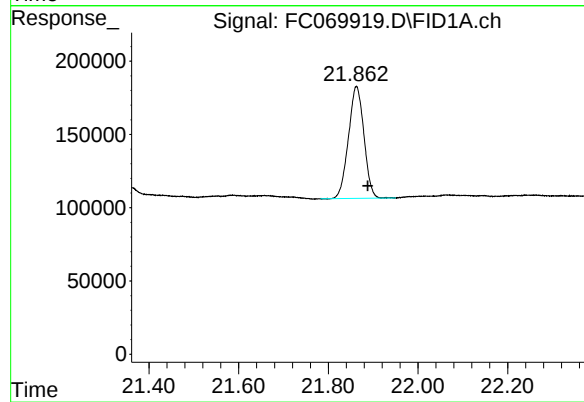
#20 n-Hexatriacontane (C36)

R.T.: 20.155 min
Delta R.T.: -0.013 min
Response: 2412114
Conc: 21.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.910 min
Delta R.T.: -0.019 min
Response: 2058523
Conc: 21.34 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.863 min
Delta R.T.: -0.025 min
Response: 1834105
Conc: 21.30 ug/ml