

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100425AL\
 Data File : FC069934.D
 Signal(s) : FID1A.ch
 Acq On : 03 Oct 2025 20:06
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 06 01:28:06 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)	11.645	3598038	19.210 ug/ml
Spiked Amount 50.000		Recovery =	38.42%
12) S 1-chlorooctadecane (S...	13.079	2799032	17.725 ug/ml
Spiked Amount 50.000		Recovery =	35.45%
Target Compounds			
1) T n-Nonane (C9)	3.385	2541080	19.822 ug/ml
2) T n-Decane (C10)	4.456	2999189	22.571 ug/ml
3) T A~Naphthalene (C11.7)	6.049	3339745	22.498 ug/ml
4) T n-Dodecane (C12)	6.478	3220954	23.090 ug/ml
5) T A~2-methylnaphthalene...	7.107	3346567	22.667 ug/ml
6) T n-Tetradecane (C14)	8.276	3348448	22.576 ug/ml
7) T n-Hexadecane (C16)	9.878	3525125	21.361 ug/ml
8) T n-Octadecane (C18)	11.323	3548055	19.908 ug/ml
10) T n-Eicosane (C20)	12.633	3336701	18.526 ug/ml
11) T n-Heneicosane (C21)	13.245	3203634	17.767 ug/ml
13) T n-Docosane (C22)	13.833	3226112	17.758 ug/ml
14) T n-Tetracosane (C24)	14.937	3282085	17.837 ug/ml
15) T n-Hexacosane (C26)	15.959	3215464	17.710 ug/ml
16) T n-Octacosane (C28)	16.910	3278928	18.574 ug/ml
17) T n-Tricontane (C30)	17.799	3649405	20.850 ug/ml
18) T n-Dotriacontane (C32)	18.632	3778016	23.352 ug/mlm
19) T n-Tetratriacontane (C34)	19.416	3289155	23.535 ug/ml
20) T n-Hexatriacontane (C36)	20.155	2513008	22.259 ug/ml
21) T n-Octatriacontane (C38)	20.912	2077324	21.534 ug/mlm
22) T n-Tetracontane (C40)	21.864	1841357	21.379 ug/ml

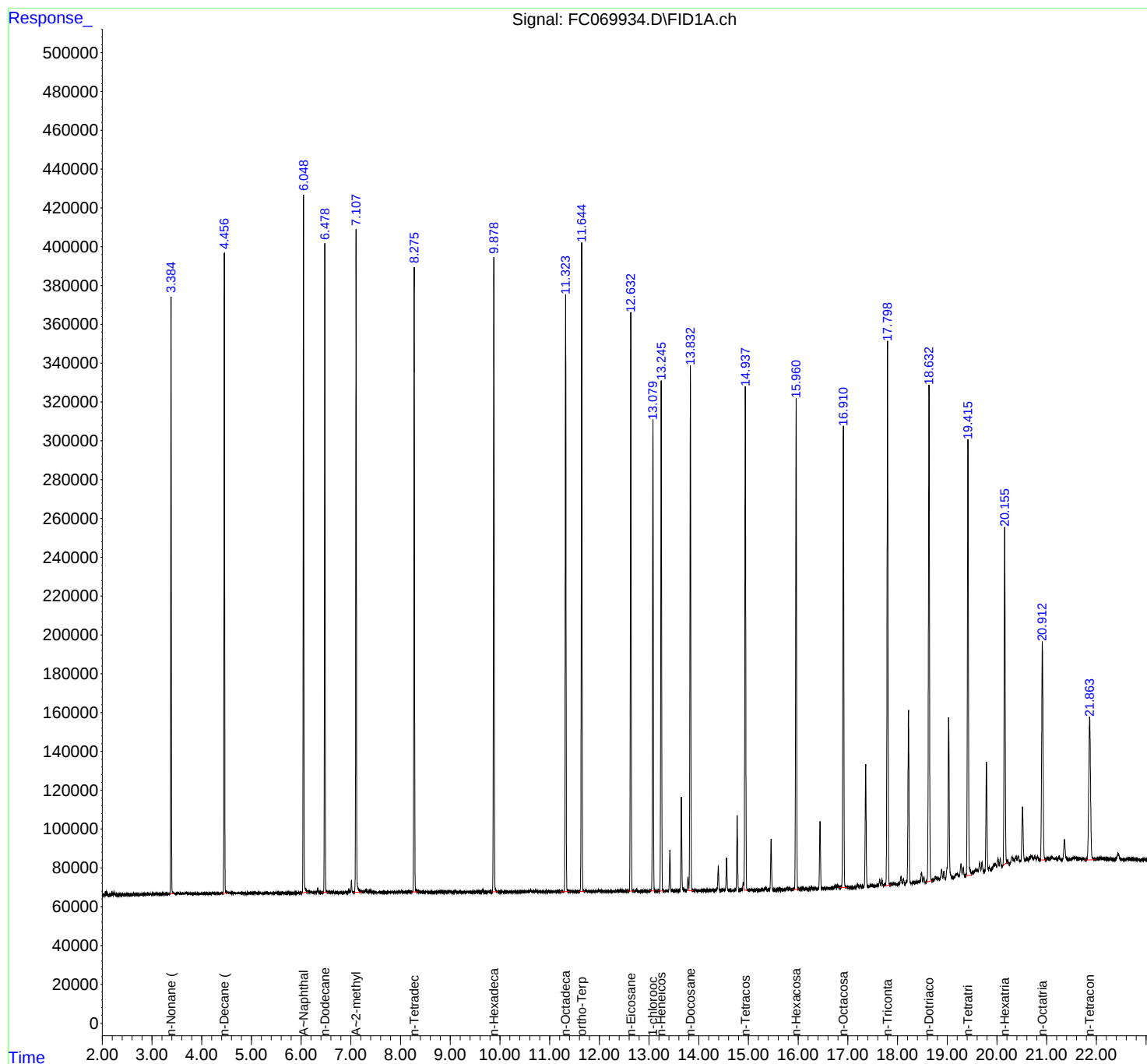
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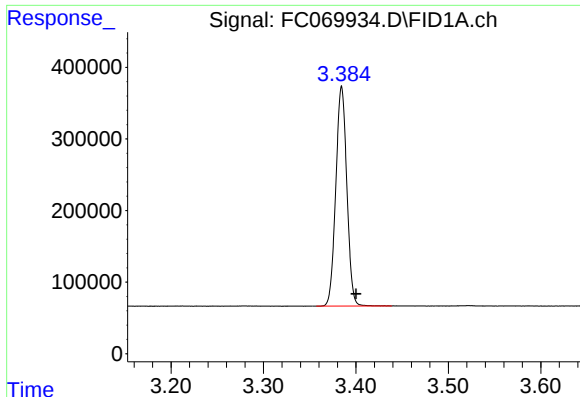
(m)=manual int.

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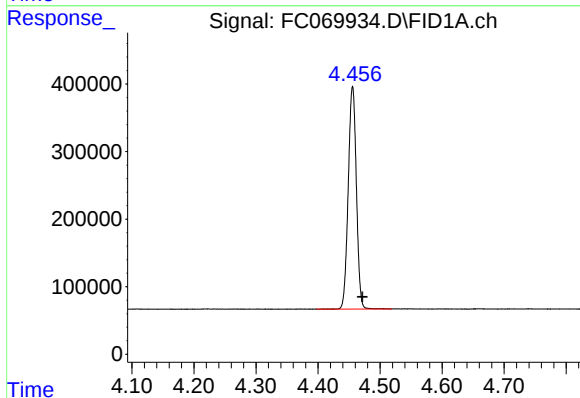
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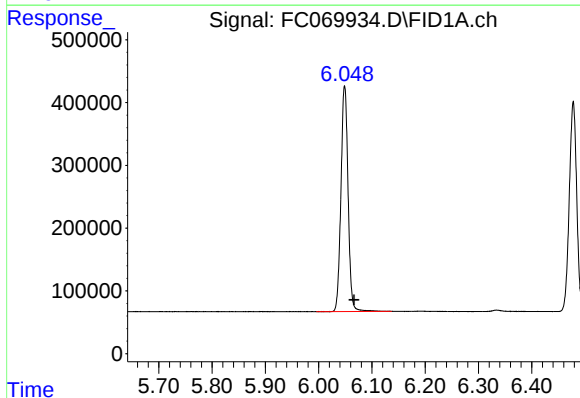
#1 n-Nonane (C9)

R.T.: 3.385 min
Delta R.T.: -0.015 min
Response: 2541080
Conc: 19.82 ug/ml



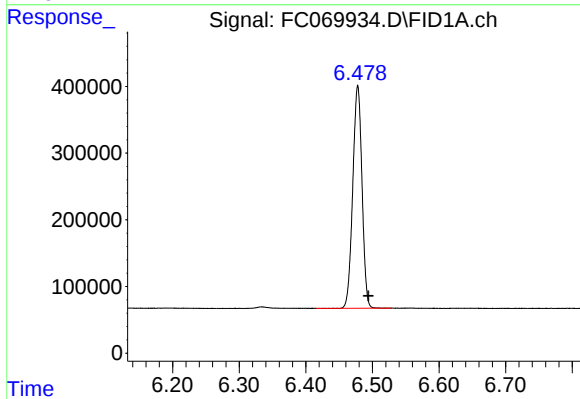
#2 n-Decane (C10)

R.T.: 4.456 min
Delta R.T.: -0.016 min
Response: 2999189
Conc: 22.57 ug/ml



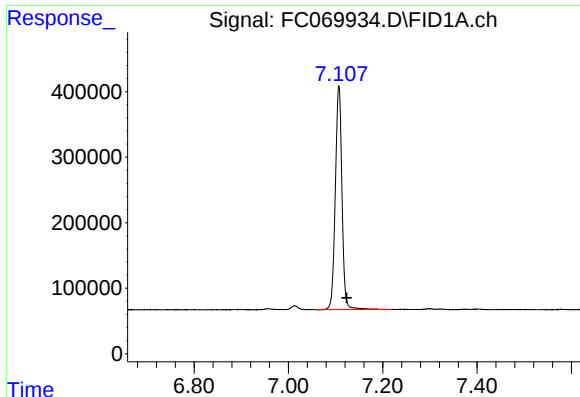
#3 A~Naphthalene (C11.7)

R.T.: 6.049 min
Delta R.T.: -0.018 min
Response: 3339745
Conc: 22.50 ug/ml



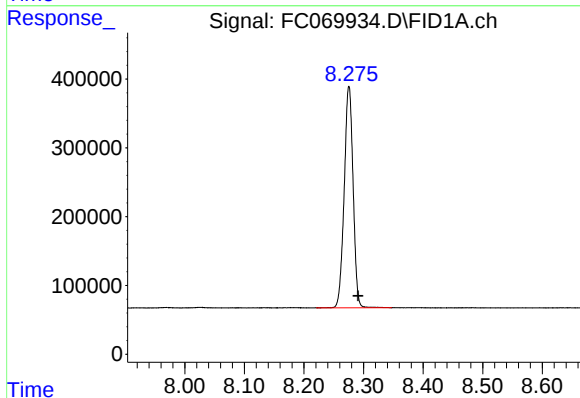
#4 n-Dodecane (C12)

R.T.: 6.478 min
Delta R.T.: -0.016 min
Response: 3220954
Conc: 23.09 ug/ml



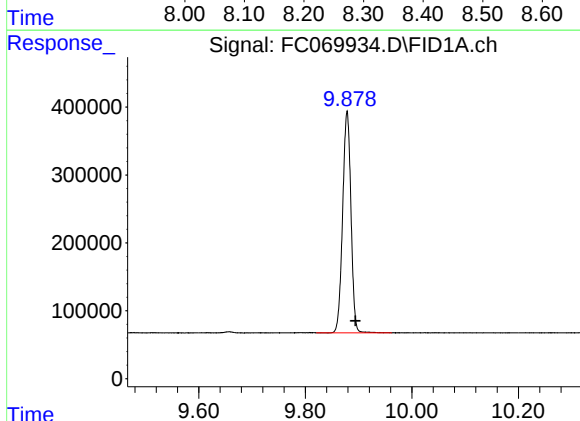
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.107 min
Delta R.T.: -0.017 min
Response: 3346567
Conc: 22.67 ug/ml



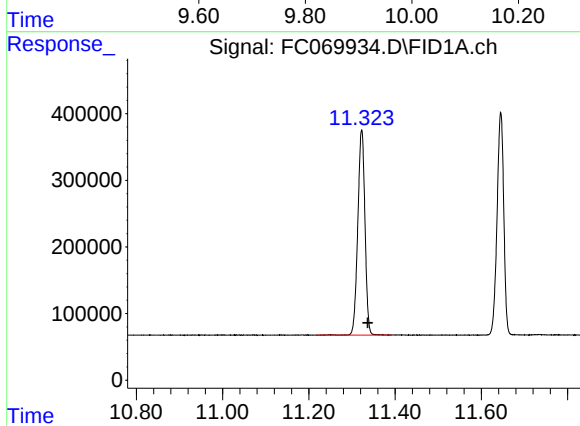
#6 n-Tetradecane (C14)

R.T.: 8.276 min
Delta R.T.: -0.015 min
Response: 3348448
Conc: 22.58 ug/ml



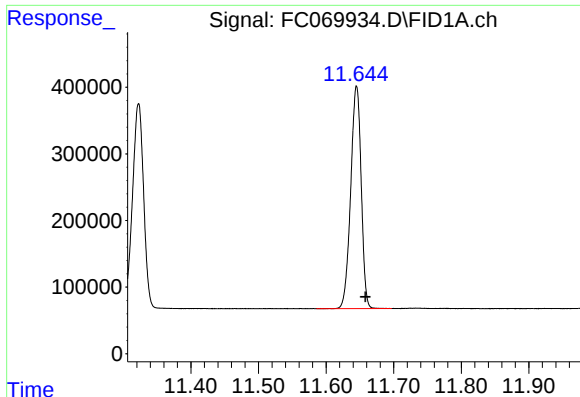
#7 n-Hexadecane (C16)

R.T.: 9.878 min
Delta R.T.: -0.015 min
Response: 3525125
Conc: 21.36 ug/ml



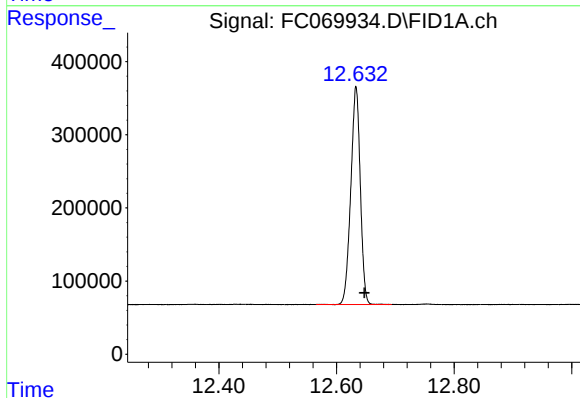
#8 n-Octadecane (C18)

R.T.: 11.323 min
Delta R.T.: -0.014 min
Response: 3548055
Conc: 19.91 ug/ml



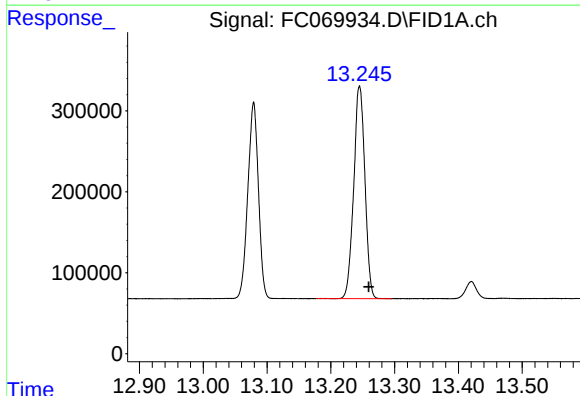
#9 ortho-Terphenyl (SURR)

R.T.: 11.645 min
Delta R.T.: -0.013 min
Response: 3598038
Conc: 19.21 ug/ml



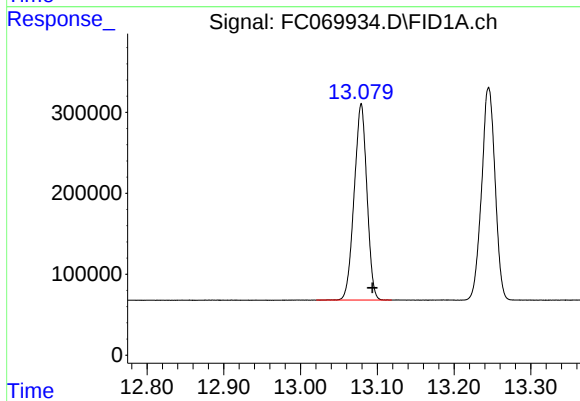
#10 n-Eicosane (C20)

R.T.: 12.633 min
Delta R.T.: -0.014 min
Response: 3336701
Conc: 18.53 ug/ml



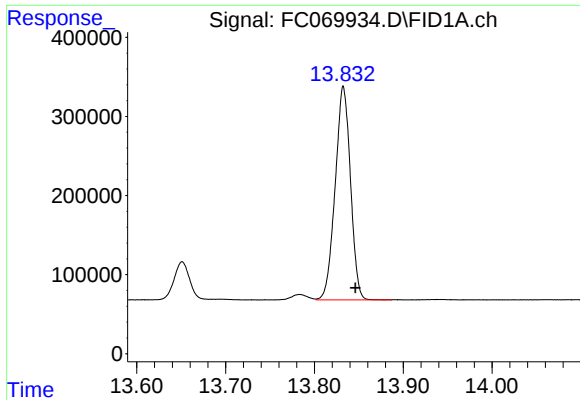
#11 n-Heneicosane (C21)

R.T.: 13.245 min
Delta R.T.: -0.014 min
Response: 3203634
Conc: 17.77 ug/ml



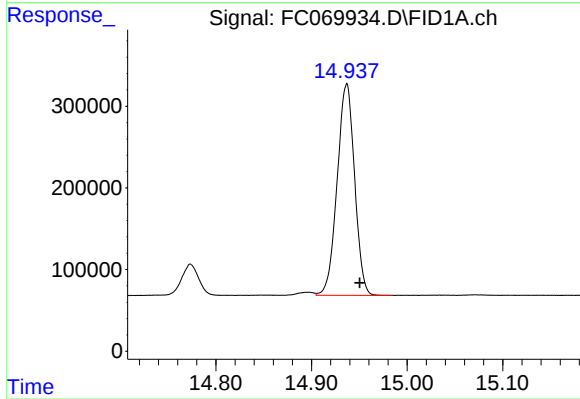
#12 1-chlorooctadecane (SURR)

R.T.: 13.079 min
Delta R.T.: -0.015 min
Response: 2799032
Conc: 17.72 ug/ml



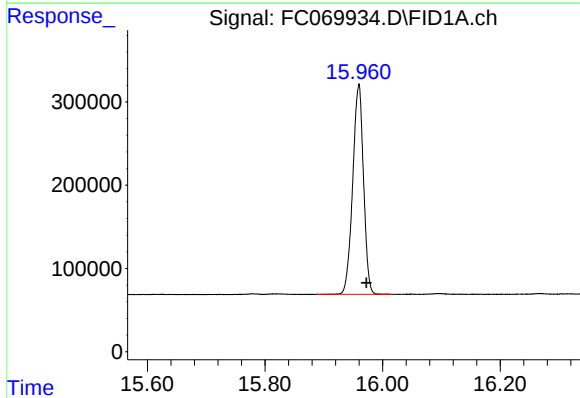
#13 n-Docosane (C22)

R.T.: 13.833 min
Delta R.T.: -0.014 min
Response: 3226112
Conc: 17.76 ug/ml



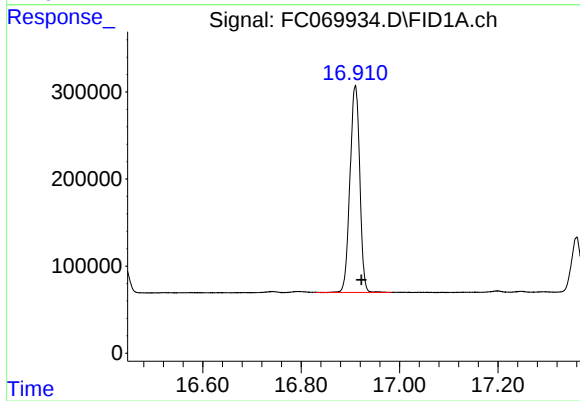
#14 n-Tetracosane (C24)

R.T.: 14.937 min
Delta R.T.: -0.014 min
Response: 3282085
Conc: 17.84 ug/ml



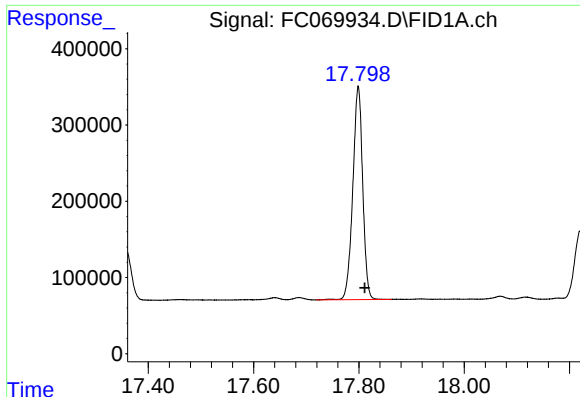
#15 n-Hexacosane (C26)

R.T.: 15.959 min
Delta R.T.: -0.013 min
Response: 3215464
Conc: 17.71 ug/ml



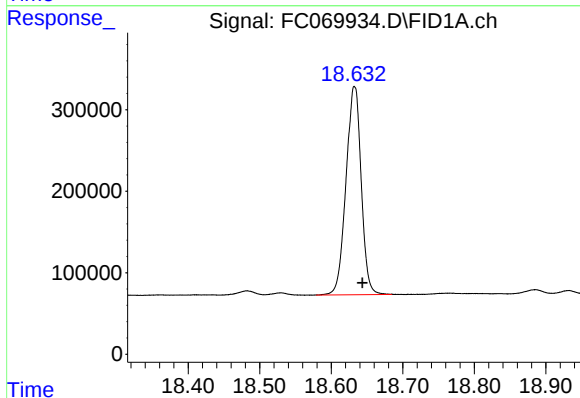
#16 n-Octacosane (C28)

R.T.: 16.910 min
Delta R.T.: -0.013 min
Response: 3278928
Conc: 18.57 ug/ml



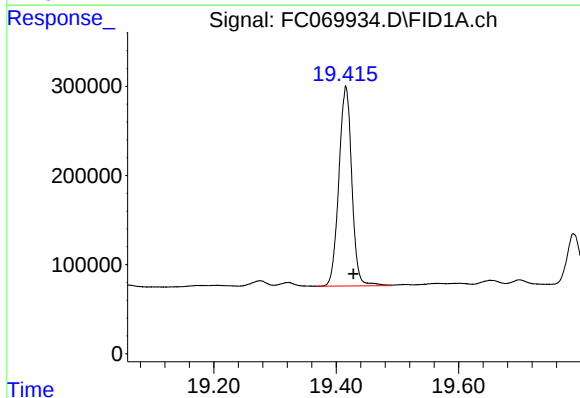
#17 n-Tricontane (C30)

R.T.: 17.799 min
Delta R.T.: -0.012 min
Response: 3649405
Conc: 20.85 ug/ml



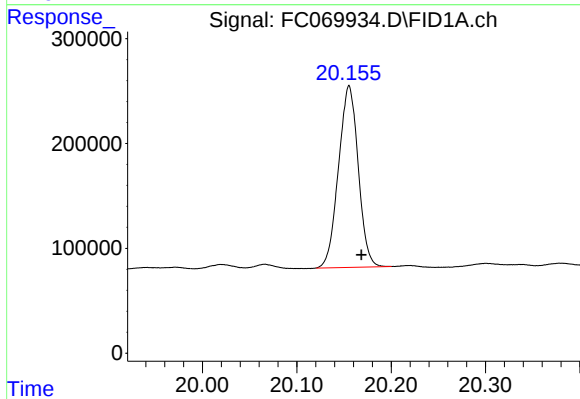
#18 n-Dotriacontane (C32)

R.T.: 18.632 min
Delta R.T.: -0.012 min
Response: 3778016
Conc: 23.35 ug/ml m



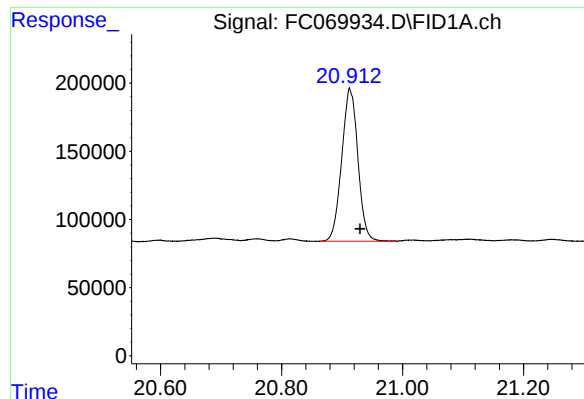
#19 n-Tetratriacontane (C34)

R.T.: 19.416 min
Delta R.T.: -0.012 min
Response: 3289155
Conc: 23.54 ug/ml



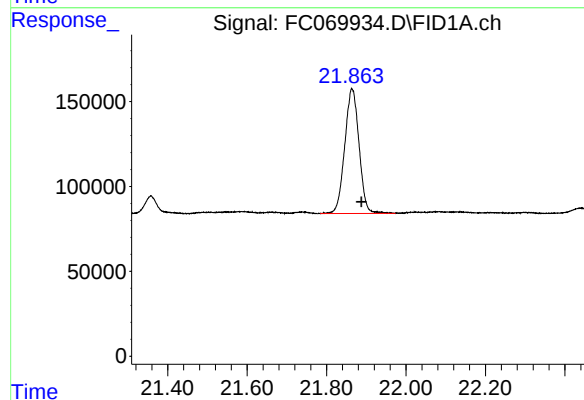
#20 n-Hexatriacontane (C36)

R.T.: 20.155 min
Delta R.T.: -0.013 min
Response: 2513008
Conc: 22.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.912 min
Delta R.T.: -0.018 min
Response: 2077324
Conc: 21.53 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.864 min
Delta R.T.: -0.024 min
Response: 1841357
Conc: 21.38 ug/ml