

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100325AL\
 Data File : FC069910.D
 Signal(s) : FID1A.ch
 Acq On : 02 Oct 2025 09:40
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 03 07:44:52 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)	11.643	3824960	20.422 ug/ml
Spiked Amount 50.000		Recovery =	40.84%
12) S 1-chlorooctadecane (S...	13.078	2959409	18.740 ug/ml
Spiked Amount 50.000		Recovery =	37.48%
Target Compounds			
1) T n-Nonane (C9)	3.386	2541744	19.828 ug/ml
2) T n-Decane (C10)	4.457	2954114	22.232 ug/ml
3) T A~Naphthalene (C11.7)	6.049	3359963	22.634 ug/ml
4) T n-Dodecane (C12)	6.479	3181391	22.806 ug/ml
5) T A~2-methylnaphthalene...	7.107	3381852	22.906 ug/ml
6) T n-Tetradecane (C14)	8.276	3348294	22.575 ug/ml
7) T n-Hexadecane (C16)	9.878	3568058	21.621 ug/ml
8) T n-Octadecane (C18)	11.321	3650160	20.481 ug/ml
10) T n-Eicosane (C20)	12.632	3485101	19.350 ug/ml
11) T n-Heneicosane (C21)	13.244	3367963	18.678 ug/ml
13) T n-Docosane (C22)	13.830	3397972	18.704 ug/ml
14) T n-Tetracosane (C24)	14.934	3471587	18.867 ug/ml
15) T n-Hexacosane (C26)	15.956	3397464	18.712 ug/ml
16) T n-Octacosane (C28)	16.906	3405135	19.289 ug/ml
17) T n-Tricontane (C30)	17.794	3649404	20.850 ug/ml
18) T n-Dotriacontane (C32)	18.626	3532901	21.837 ug/mlm
19) T n-Tetratriacontane (C34)	19.411	2797859	20.020 ug/mlm
20) T n-Hexatriacontane (C36)	20.149	2143971	18.990 ug/mlm
21) T n-Octatriacontane (C38)	20.903	1712652	17.754 ug/mlm
22) T n-Tetracontane (C40)	21.855	1503719	17.459 ug/ml

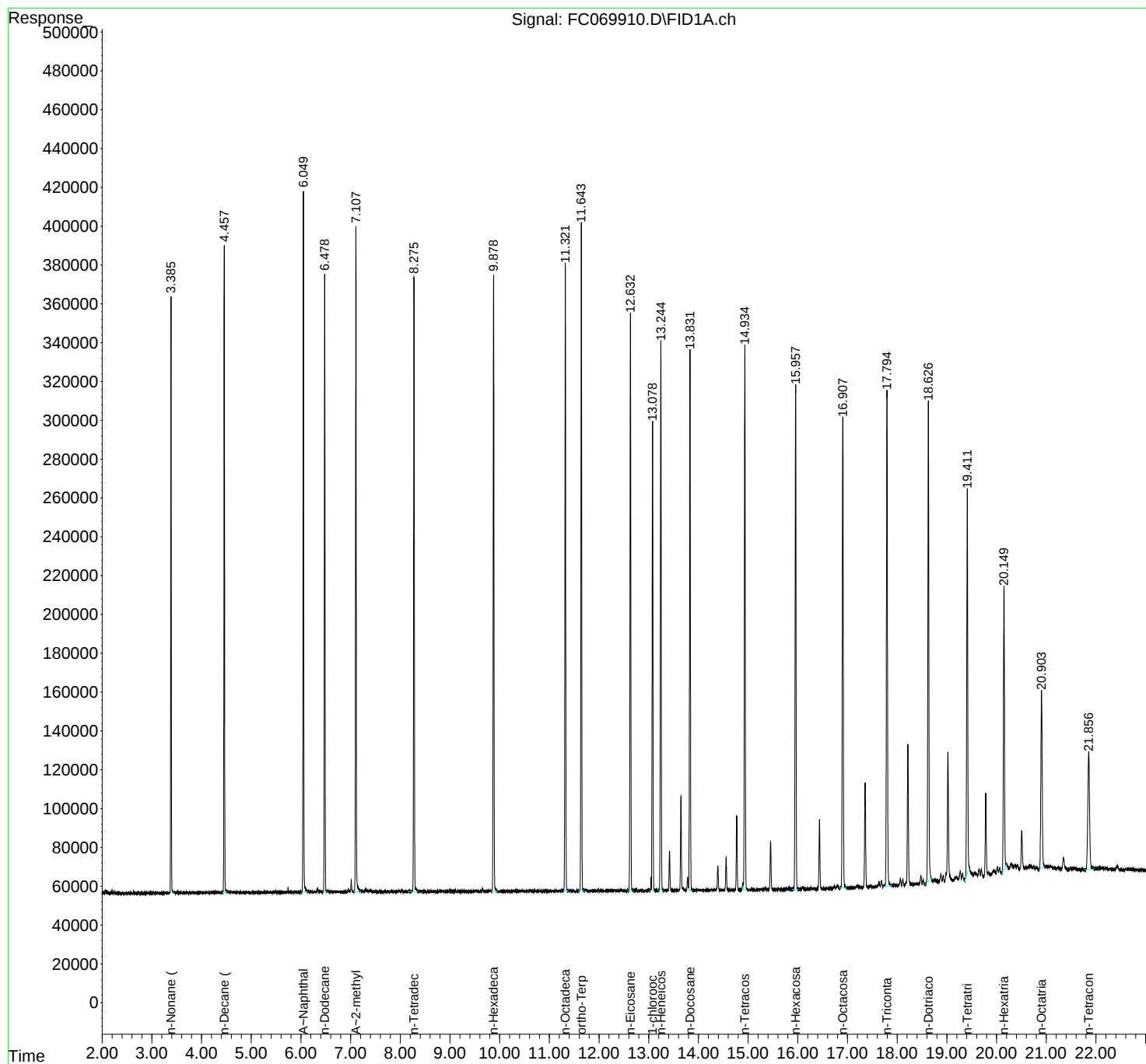
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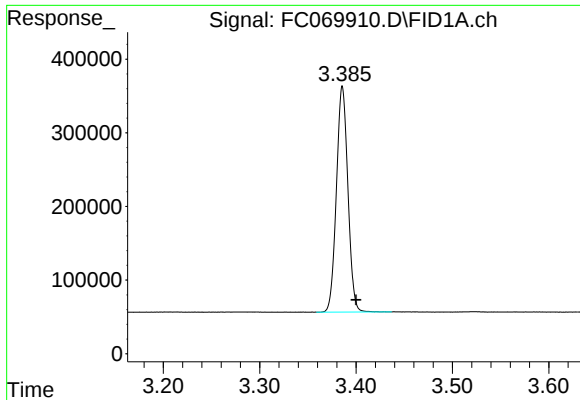
(m)=manual int.

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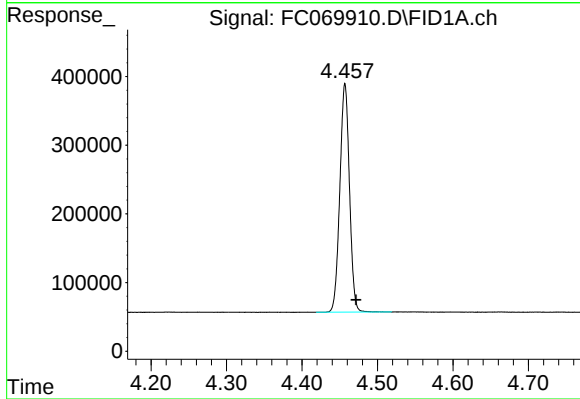
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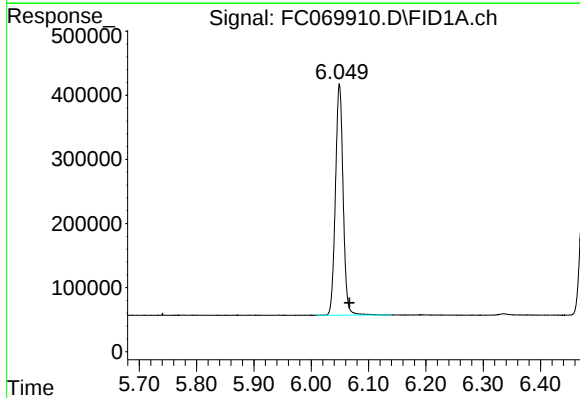
#1 n-Nonane (C9)

R.T.: 3.386 min
Delta R.T.: -0.014 min
Response: 2541744
Conc: 19.83 ug/ml



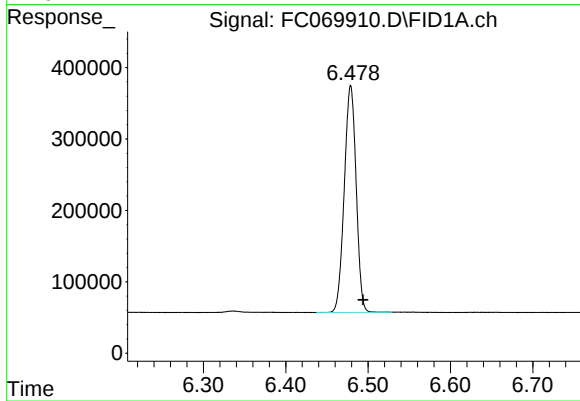
#2 n-Decane (C10)

R.T.: 4.457 min
Delta R.T.: -0.015 min
Response: 2954114
Conc: 22.23 ug/ml



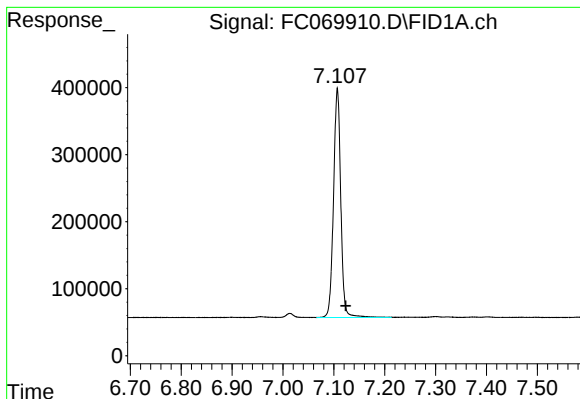
#3 A~Naphthalene (C11.7)

R.T.: 6.049 min
Delta R.T.: -0.017 min
Response: 3359963
Conc: 22.63 ug/ml



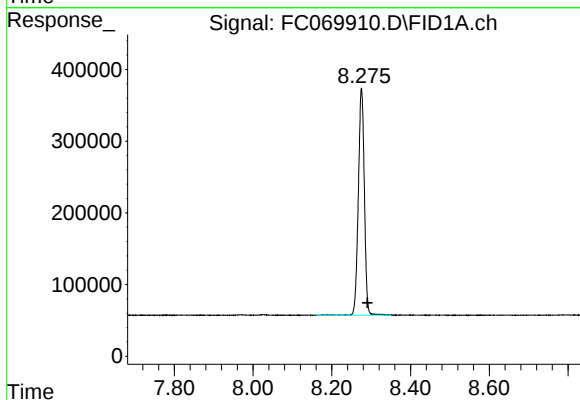
#4 n-Dodecane (C12)

R.T.: 6.479 min
Delta R.T.: -0.015 min
Response: 3181391
Conc: 22.81 ug/ml



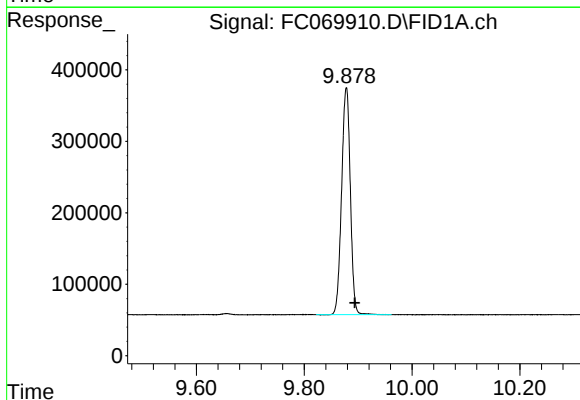
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.107 min
Delta R.T.: -0.017 min
Response: 3381852
Conc: 22.91 ug/ml



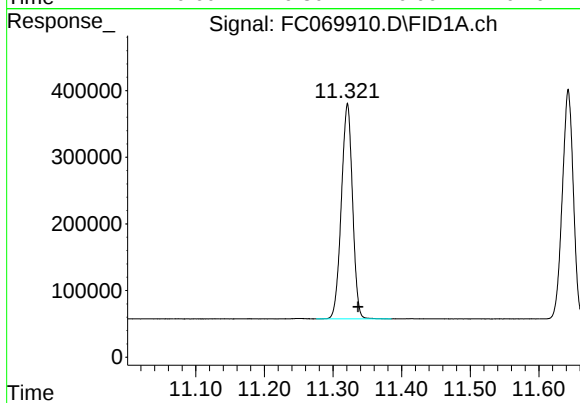
#6 n-Tetradecane (C14)

R.T.: 8.276 min
Delta R.T.: -0.015 min
Response: 3348294
Conc: 22.57 ug/ml



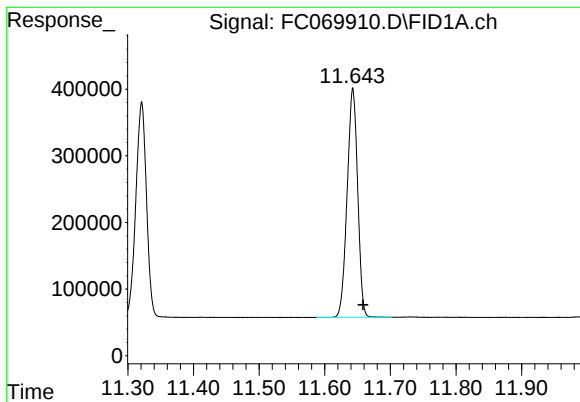
#7 n-Hexadecane (C16)

R.T.: 9.878 min
Delta R.T.: -0.016 min
Response: 3568058
Conc: 21.62 ug/ml



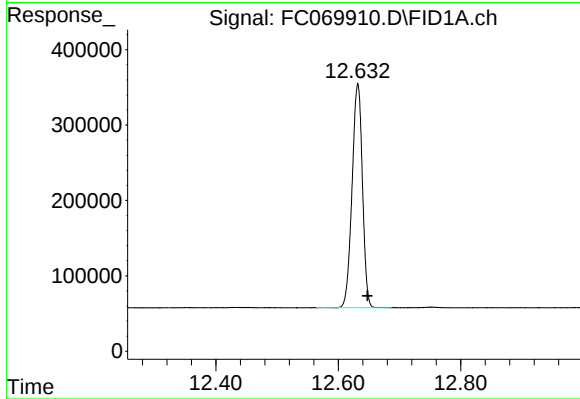
#8 n-Octadecane (C18)

R.T.: 11.321 min
Delta R.T.: -0.016 min
Response: 3650160
Conc: 20.48 ug/ml



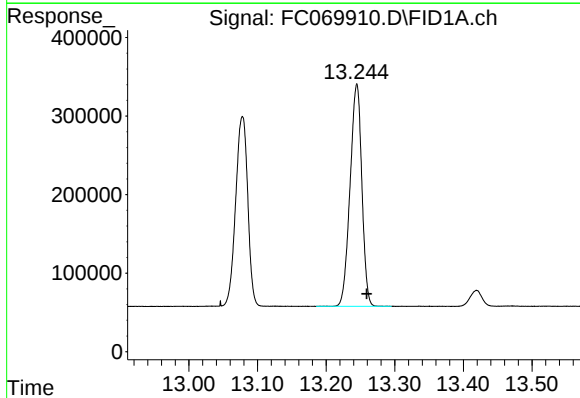
#9 ortho-Terphenyl (SURR)

R.T.: 11.643 min
Delta R.T.: -0.015 min
Response: 3824960
Conc: 20.42 ug/ml



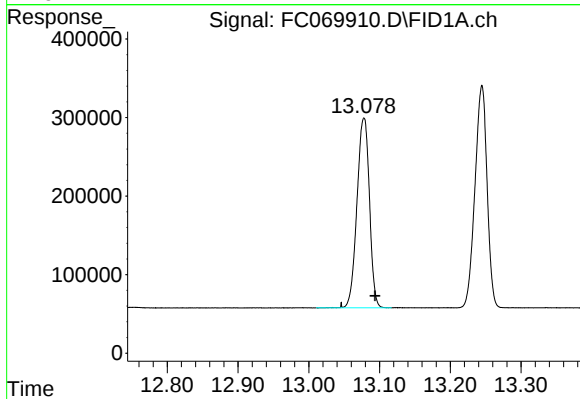
#10 n-Eicosane (C20)

R.T.: 12.632 min
Delta R.T.: -0.016 min
Response: 3485101
Conc: 19.35 ug/ml



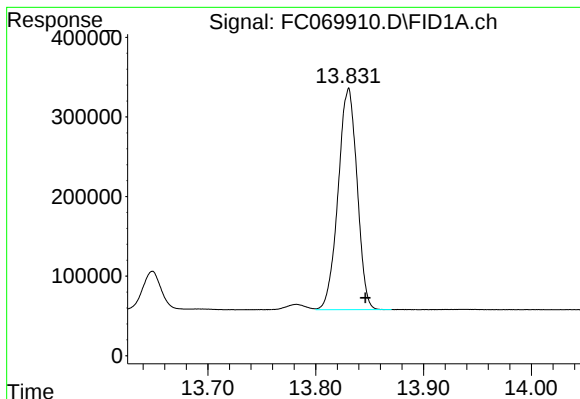
#11 n-Heneicosane (C21)

R.T.: 13.244 min
Delta R.T.: -0.015 min
Response: 3367963
Conc: 18.68 ug/ml



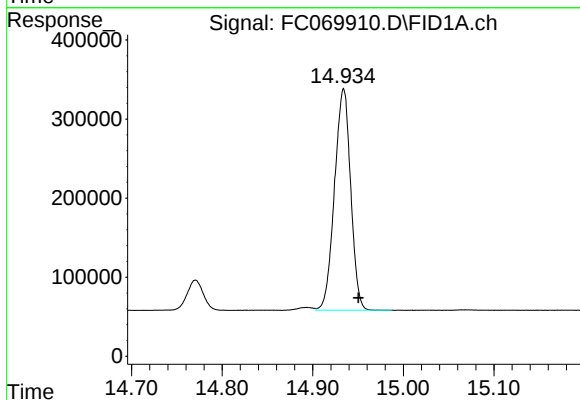
#12 1-chlorooctadecane (SURR)

R.T.: 13.078 min
Delta R.T.: -0.016 min
Response: 2959409
Conc: 18.74 ug/ml



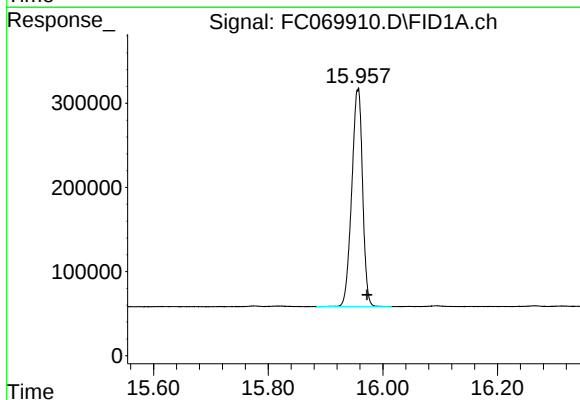
#13 n-Docosane (C22)

R.T.: 13.830 min
Delta R.T.: -0.016 min
Response: 3397972
Conc: 18.70 ug/ml



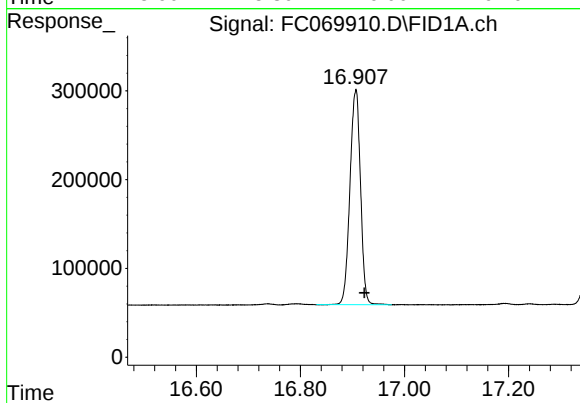
#14 n-Tetracosane (C24)

R.T.: 14.934 min
Delta R.T.: -0.017 min
Response: 3471587
Conc: 18.87 ug/ml



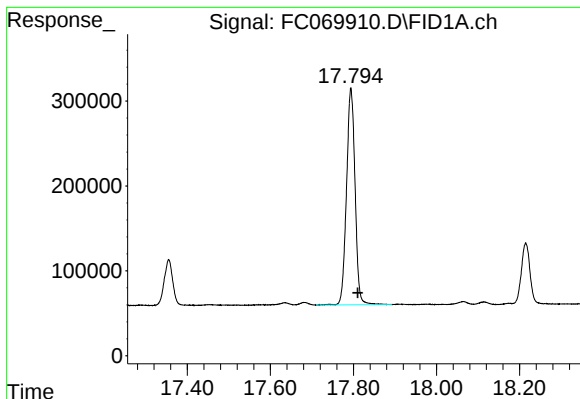
#15 n-Hexacosane (C26)

R.T.: 15.956 min
Delta R.T.: -0.016 min
Response: 3397464
Conc: 18.71 ug/ml



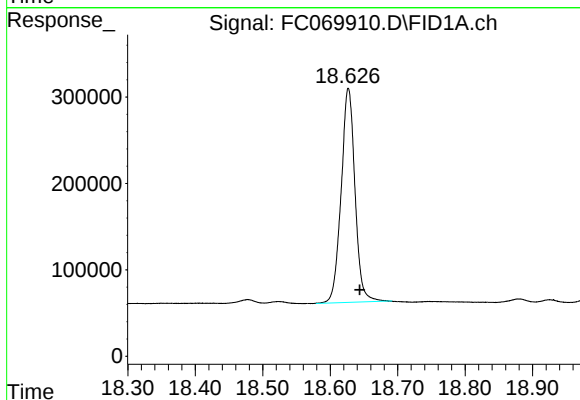
#16 n-Octacosane (C28)

R.T.: 16.906 min
Delta R.T.: -0.016 min
Response: 3405135
Conc: 19.29 ug/ml



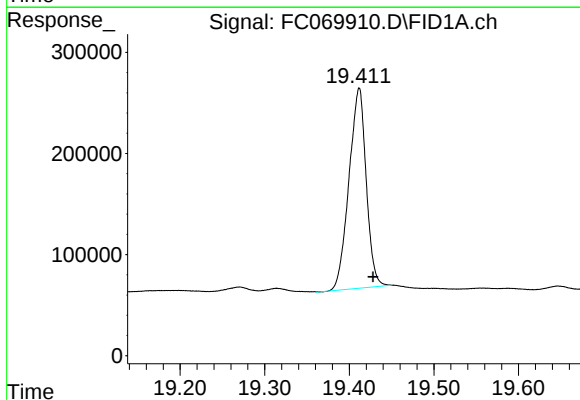
#17 n-Tricontane (C30)

R.T.: 17.794 min
Delta R.T.: -0.017 min
Response: 3649404
Conc: 20.85 ug/ml



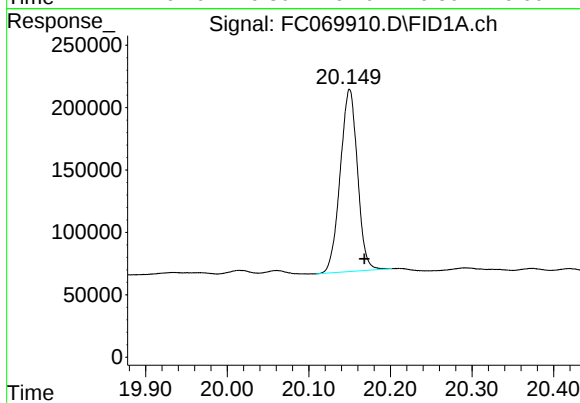
#18 n-Dotriacontane (C32)

R.T.: 18.626 min
Delta R.T.: -0.017 min
Response: 3532901
Conc: 21.84 ug/ml m



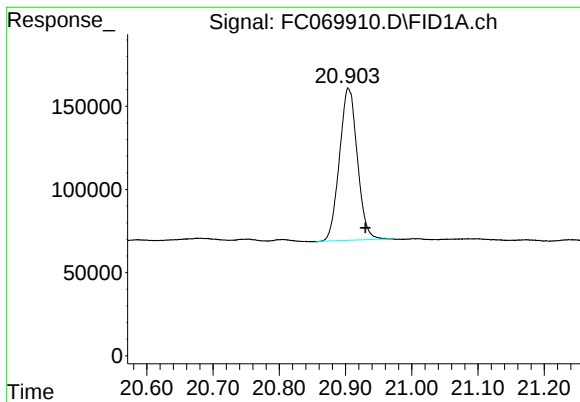
#19 n-Tetratriacontane (C34)

R.T.: 19.411 min
Delta R.T.: -0.017 min
Response: 2797859
Conc: 20.02 ug/ml m



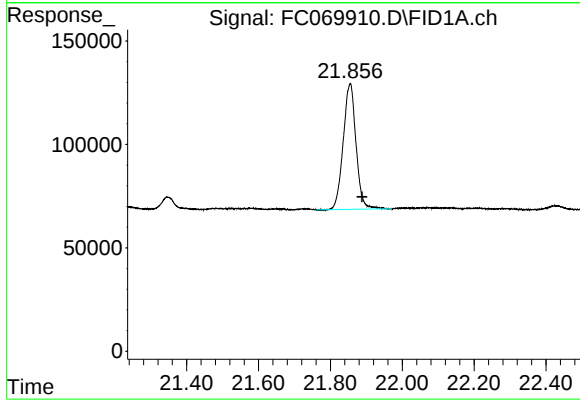
#20 n-Hexatriacontane (C36)

R.T.: 20.149 min
Delta R.T.: -0.019 min
Response: 2143971
Conc: 18.99 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.903 min
Delta R.T.: -0.027 min
Response: 1712652
Conc: 17.75 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.855 min
Delta R.T.: -0.033 min
Response: 1503719
Conc: 17.46 ug/ml