

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100425AL\
 Data File : FC069927.D
 Signal(s) : FID1A.ch
 Acq On : 03 Oct 2025 14:08
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 04 03:11:13 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	3981621	21.258 ug/ml
Spiked Amount 50.000		Recovery =	42.52%
12) S 1-chlorooctadecane (S...	13.080	3072981	19.459 ug/ml
Spiked Amount 50.000		Recovery =	38.92%
Target Compounds			
1) T n-Nonane (C9)	3.385	3073882	23.979 ug/ml
2) T n-Decane (C10)	4.457	3308175	24.896 ug/ml
3) T A~Naphthalene (C11.7)	6.050	3701231	24.933 ug/ml
4) T n-Dodecane (C12)	6.479	3513695	25.188 ug/ml
5) T A~2-methylnaphthalene...	7.108	3675633	24.895 ug/ml
6) T n-Tetradecane (C14)	8.276	3635124	24.509 ug/ml
7) T n-Hexadecane (C16)	9.879	3823854	23.171 ug/ml
8) T n-Octadecane (C18)	11.323	3850531	21.605 ug/ml
10) T n-Eicosane (C20)	12.633	3610229	20.044 ug/ml
11) T n-Heneicosane (C21)	13.246	3492283	19.368 ug/ml
13) T n-Docosane (C22)	13.833	3436670	18.917 ug/ml
14) T n-Tetracosane (C24)	14.937	3355305	18.235 ug/ml
15) T n-Hexacosane (C26)	15.959	3189155	17.565 ug/ml
16) T n-Octacosane (C28)	16.910	3118434	17.665 ug/ml
17) T n-Tricontane (C30)	17.797	3312557	18.926 ug/ml
18) T n-Dotriacontane (C32)	18.630	3337976	20.632 ug/mlm
19) T n-Tetratriacontane (C34)	19.415	2987499	21.377 ug/ml
20) T n-Hexatriacontane (C36)	20.154	2434181	21.561 ug/ml
21) T n-Octatriacontane (C38)	20.912	2111364	21.887 ug/mlm
22) T n-Tetracontane (C40)	21.861	1916117	22.247 ug/ml

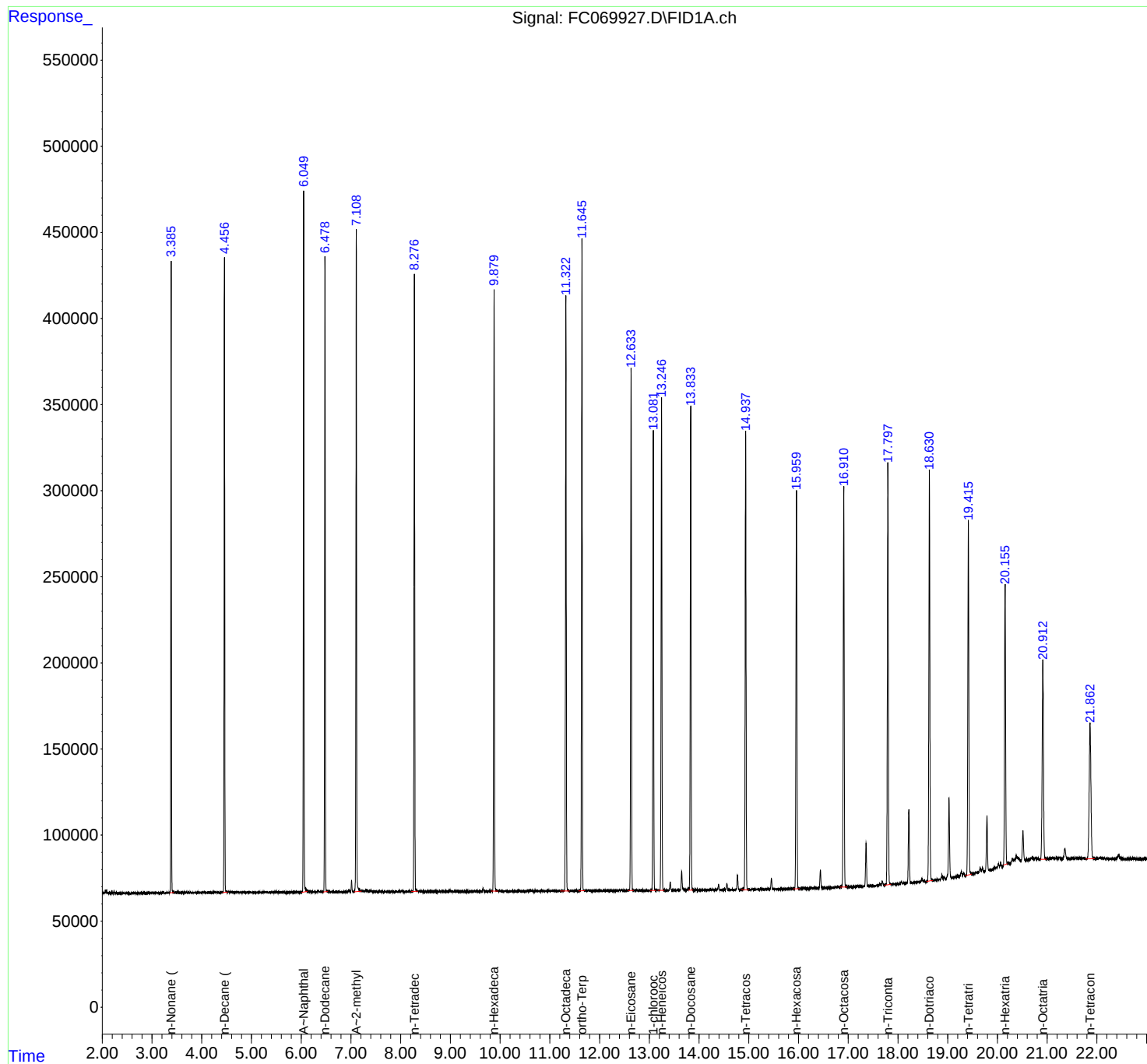
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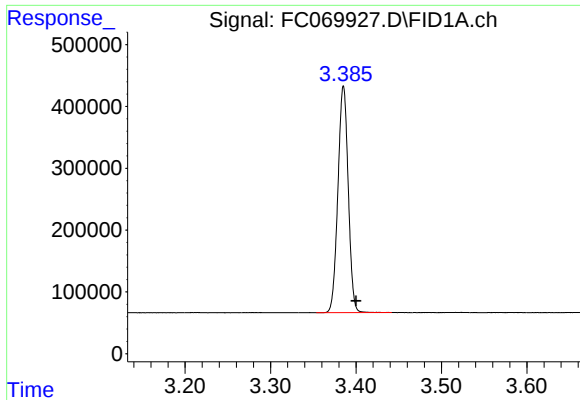
(m)=manual int.

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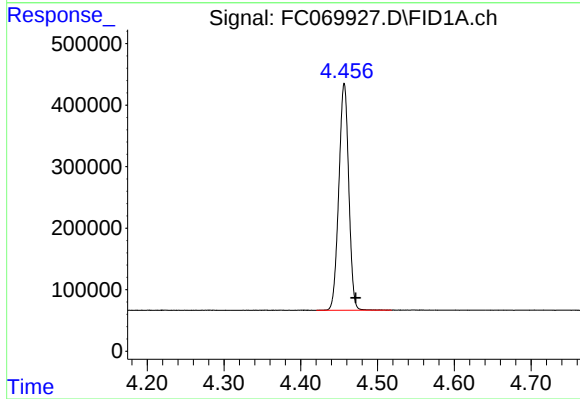
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Signal Info : 20M x 0.18mm x 0.18um





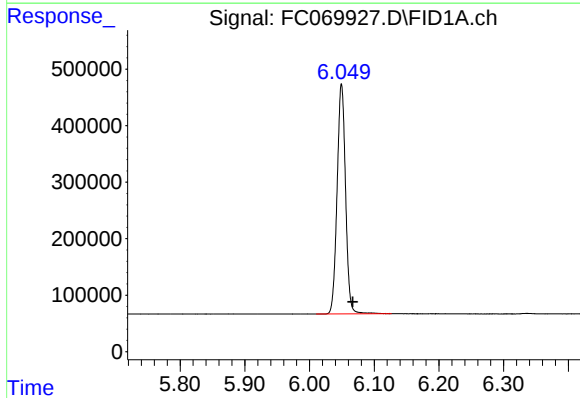
#1 n-Nonane (C9)

R.T.: 3.385 min
Delta R.T.: -0.015 min
Response: 3073882
Conc: 23.98 ug/ml



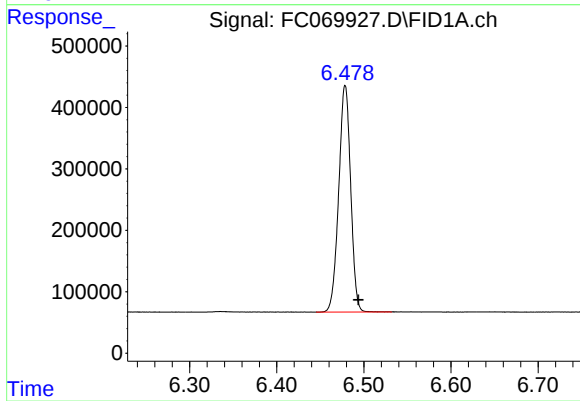
#2 n-Decane (C10)

R.T.: 4.457 min
Delta R.T.: -0.015 min
Response: 3308175
Conc: 24.90 ug/ml



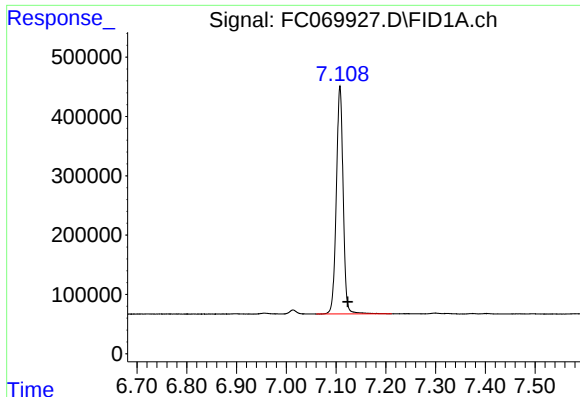
#3 A~Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: -0.017 min
Response: 3701231
Conc: 24.93 ug/ml



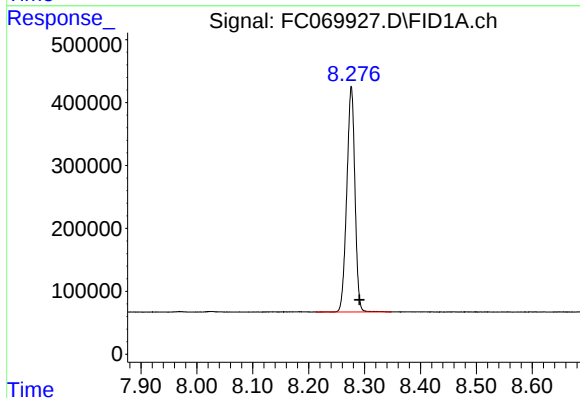
#4 n-Dodecane (C12)

R.T.: 6.479 min
Delta R.T.: -0.015 min
Response: 3513695
Conc: 25.19 ug/ml



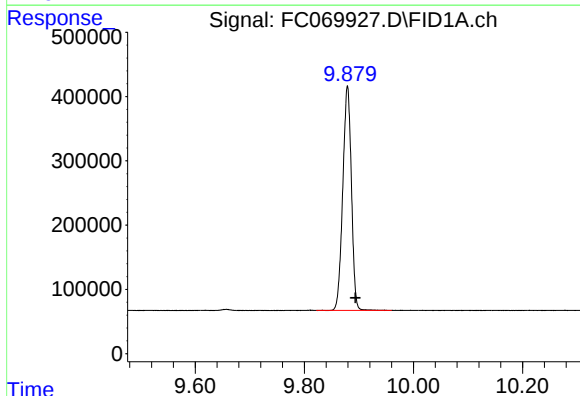
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.108 min
Delta R.T.: -0.016 min
Response: 3675633
Conc: 24.90 ug/ml



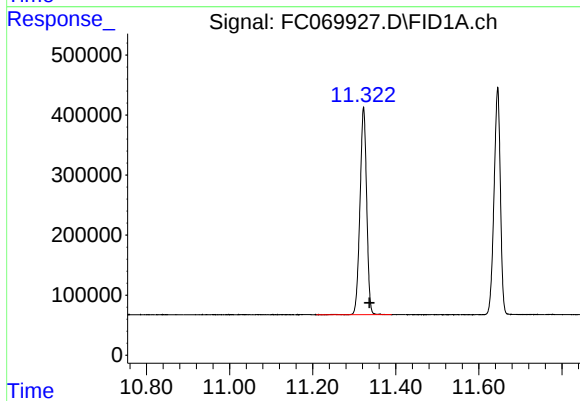
#6 n-Tetradecane (C14)

R.T.: 8.276 min
Delta R.T.: -0.015 min
Response: 3635124
Conc: 24.51 ug/ml



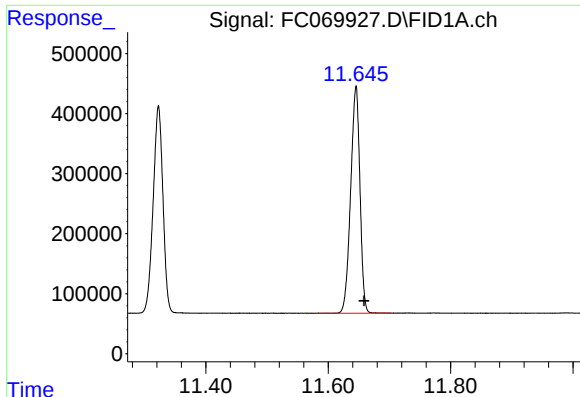
#7 n-Hexadecane (C16)

R.T.: 9.879 min
Delta R.T.: -0.015 min
Response: 3823854
Conc: 23.17 ug/ml



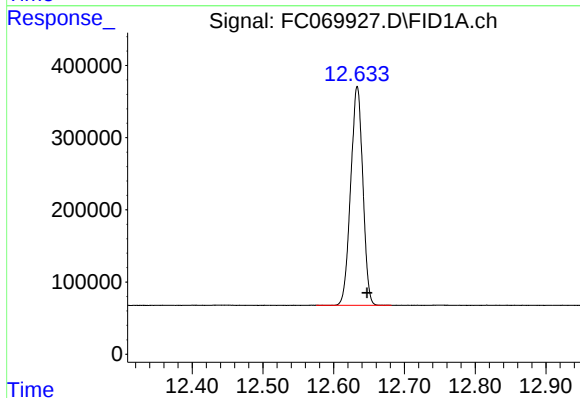
#8 n-Octadecane (C18)

R.T.: 11.323 min
Delta R.T.: -0.014 min
Response: 3850531
Conc: 21.61 ug/ml



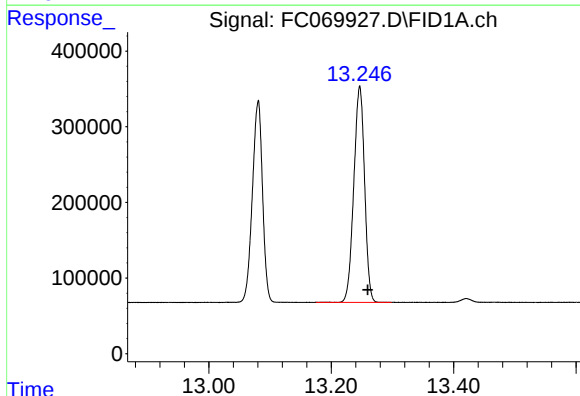
#9 ortho-Terphenyl (SURR)

R.T.: 11.645 min
Delta R.T.: -0.013 min
Response: 3981621
Conc: 21.26 ug/ml



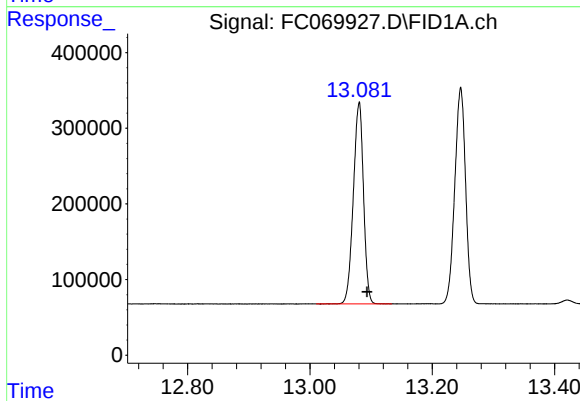
#10 n-Eicosane (C20)

R.T.: 12.633 min
Delta R.T.: -0.014 min
Response: 3610229
Conc: 20.04 ug/ml



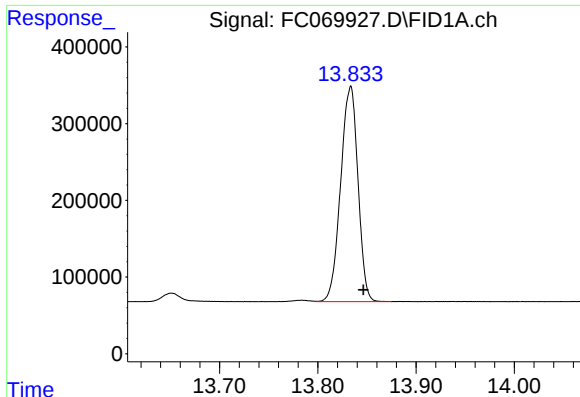
#11 n-Heneicosane (C21)

R.T.: 13.246 min
Delta R.T.: -0.013 min
Response: 3492283
Conc: 19.37 ug/ml



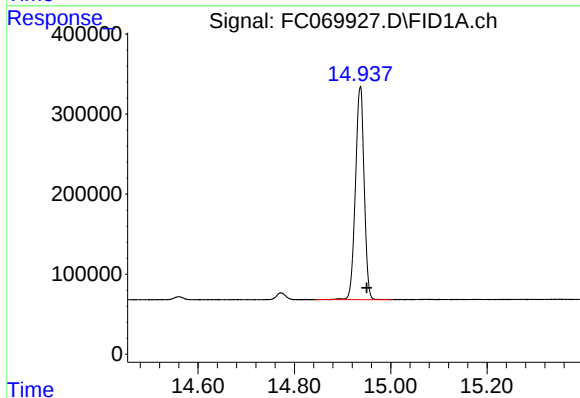
#12 1-chlorooctadecane (SURR)

R.T.: 13.080 min
Delta R.T.: -0.013 min
Response: 3072981
Conc: 19.46 ug/ml



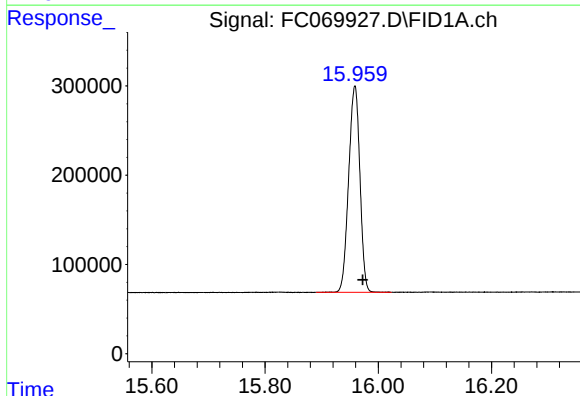
#13 n-Docosane (C22)

R.T.: 13.833 min
Delta R.T.: -0.013 min
Response: 3436670
Conc: 18.92 ug/ml



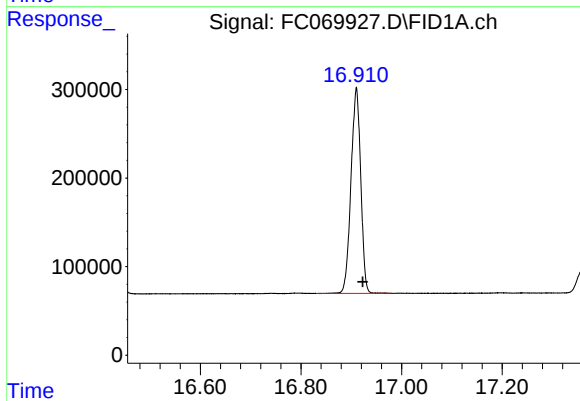
#14 n-Tetracosane (C24)

R.T.: 14.937 min
Delta R.T.: -0.014 min
Response: 3355305
Conc: 18.24 ug/ml



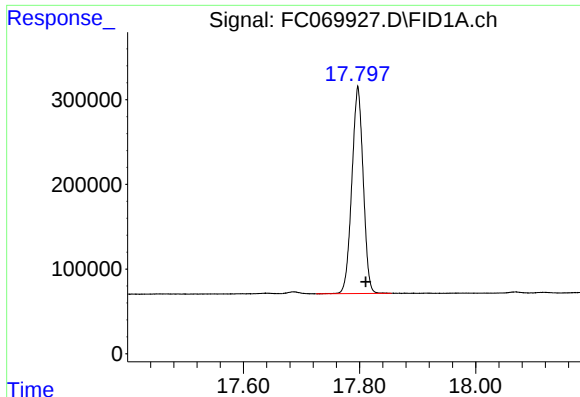
#15 n-Hexacosane (C26)

R.T.: 15.959 min
Delta R.T.: -0.014 min
Response: 3189155
Conc: 17.57 ug/ml



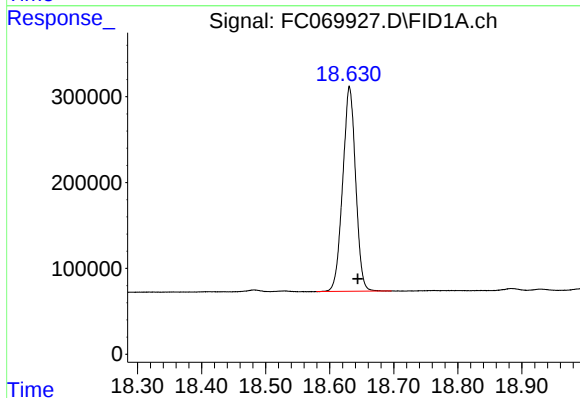
#16 n-Octacosane (C28)

R.T.: 16.910 min
Delta R.T.: -0.012 min
Response: 3118434
Conc: 17.67 ug/ml



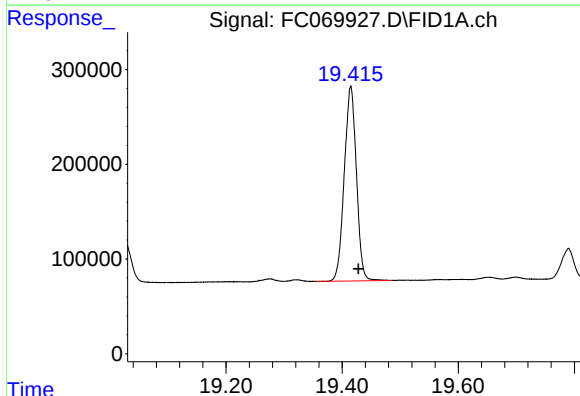
#17 n-Tricontane (C30)

R.T.: 17.797 min
Delta R.T.: -0.014 min
Response: 3312557
Conc: 18.93 ug/ml



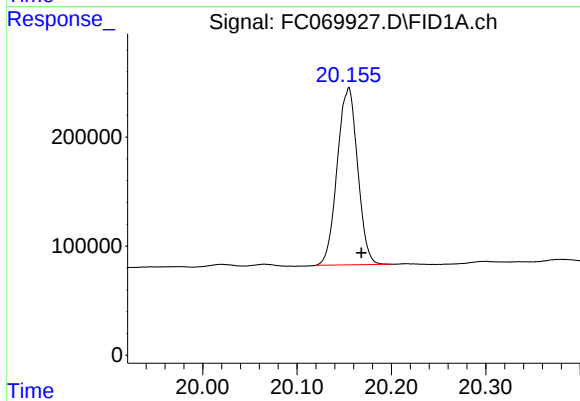
#18 n-Dotriacontane (C32)

R.T.: 18.630 min
Delta R.T.: -0.014 min
Response: 3337976
Conc: 20.63 ug/ml m



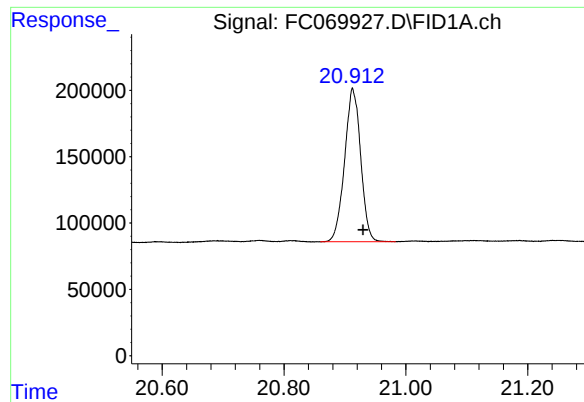
#19 n-Tetratriacontane (C34)

R.T.: 19.415 min
Delta R.T.: -0.013 min
Response: 2987499
Conc: 21.38 ug/ml



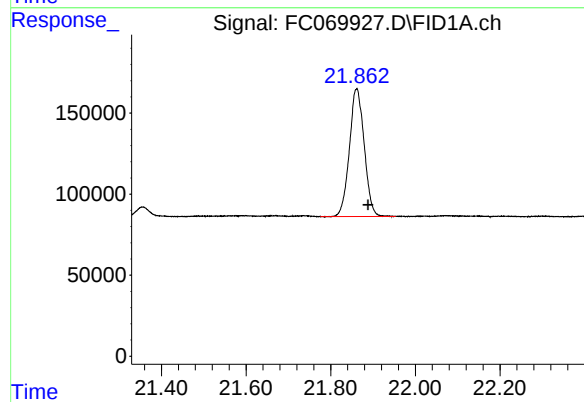
#20 n-Hexatriacontane (C36)

R.T.: 20.154 min
Delta R.T.: -0.014 min
Response: 2434181
Conc: 21.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.912 min
Delta R.T.: -0.018 min
Response: 2111364
Conc: 21.89 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.861 min
Delta R.T.: -0.027 min
Response: 1916117
Conc: 22.25 ug/ml