

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032024AL\
 Data File : FC066069.D
 Signal(s) : FID1A.ch
 Acq On : 20 Mar 2024 21:40
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 21 01:24:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:09:51 2024
 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)	11.474	3962922	20.278 ug/ml
Spiked Amount 50.000		Recovery =	40.56%
12) S 1-chlorooctadecane (S...	12.901	2966520	20.348 ug/ml
Spiked Amount 50.000		Recovery =	40.70%
Target Compounds			
1) T n-Nonane (C9)	3.278	3440141	20.591 ug/ml
2) T n-Decane (C10)	4.338	3542690	20.427 ug/ml
3) T A~Naphthalene (C11.7)	5.922	3698574	20.610 ug/ml
4) T n-Dodecane (C12)	6.347	3509024	19.913 ug/ml
5) T A~2-methylnaphthalene...	6.976	3460488	20.315 ug/ml
6) T n-Tetradecane (C14)	8.134	3403797	19.574 ug/mlm
7) T n-Hexadecane (C16)	9.726	3545693	19.847 ug/ml
8) T n-Octadecane (C18)	11.159	3606863	19.844 ug/ml
10) T n-Eicosane (C20)	12.459	3493575	20.007 ug/ml
11) T n-Heneicosane (C21)	13.067	3471765	20.024 ug/ml
13) T n-Docosane (C22)	13.648	3515966	20.444 ug/ml
14) T n-Tetracosane (C24)	14.744	3651501	21.379 ug/ml
15) T n-Hexacosane (C26)	15.757	3683025	21.872 ug/ml
16) T n-Octacosane (C28)	16.700	3768084	22.664 ug/ml
17) T n-Tricontane (C30)	17.582	3974450	23.278 ug/mlm
18) T n-Dotriacontane (C32)	18.407	3975706	23.584 ug/mlm
19) T n-Tetratriacontane (C34)	19.184	3754772	22.909 ug/mlm
20) T n-Hexatriacontane (C36)	19.919	3547430	22.311 ug/mlm
21) T n-Octatriacontane (C38)	20.632	3443914	21.986 ug/mlm
22) T n-Tetracontane (C40)	21.489	3316472	20.972 ug/mlm

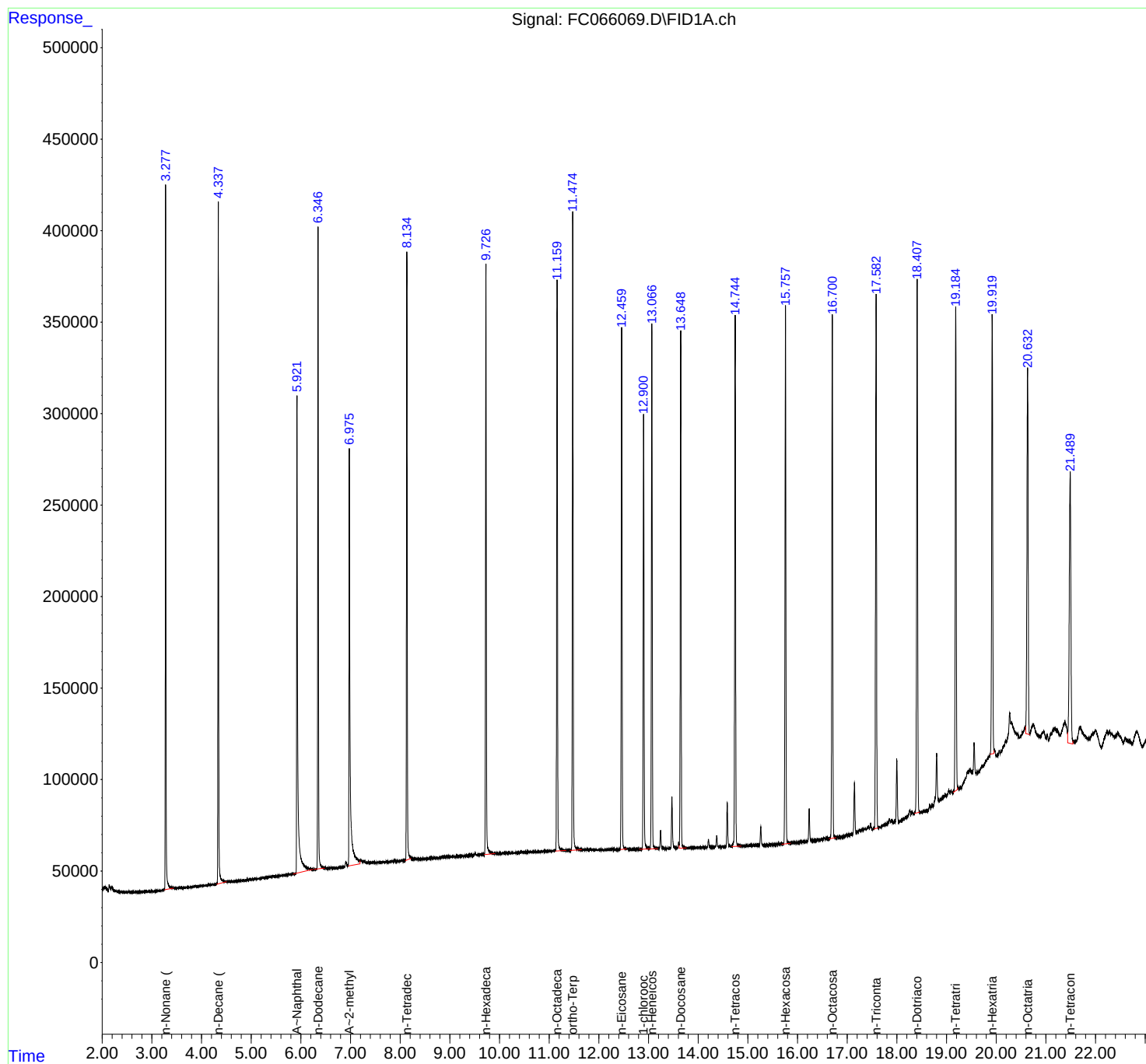
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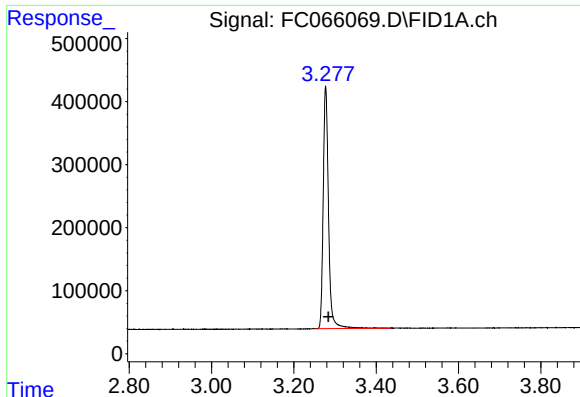
(m)=manual int.

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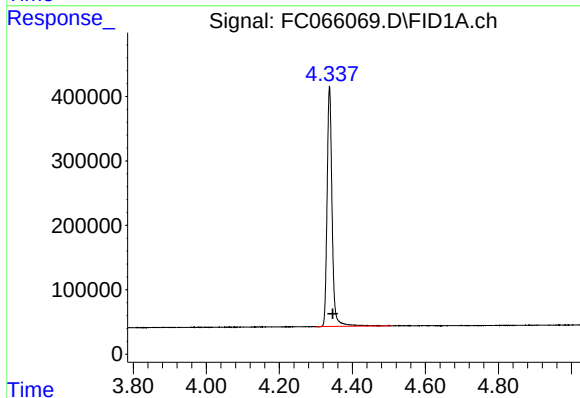
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Signal Info : 20M x 0.18mm x 0.18um





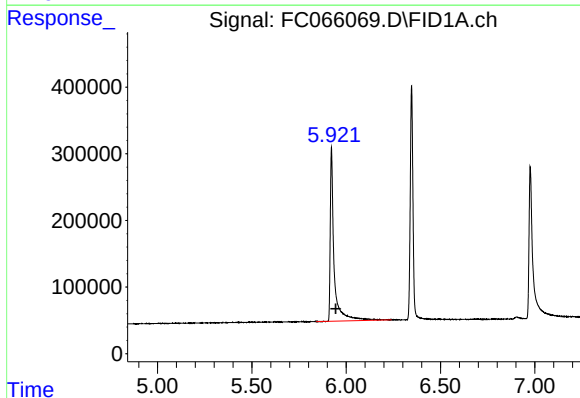
#1 n-Nonane (C9)

R.T.: 3.278 min
Delta R.T.: -0.006 min
Response: 3440141
Conc: 20.59 ug/ml



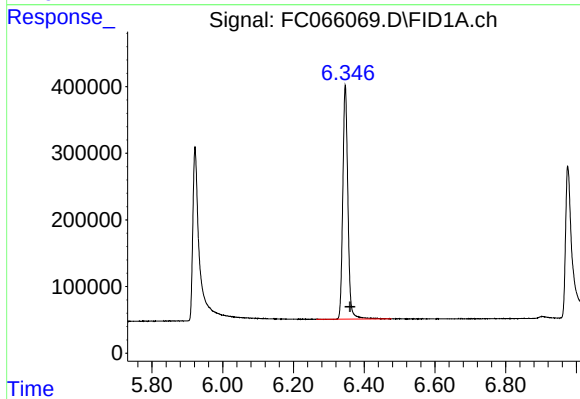
#2 n-Decane (C10)

R.T.: 4.338 min
Delta R.T.: -0.009 min
Response: 3542690
Conc: 20.43 ug/ml



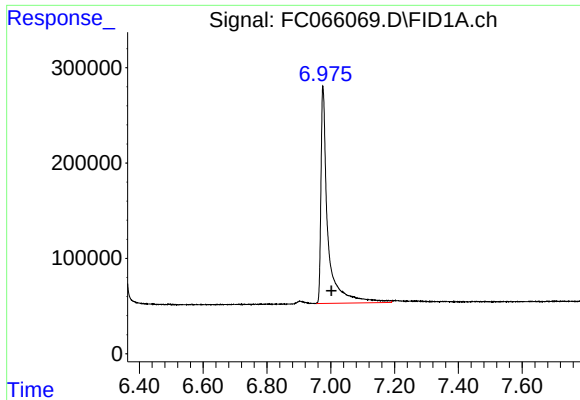
#3 A~Naphthalene (C11.7)

R.T.: 5.922 min
Delta R.T.: -0.023 min
Response: 3698574
Conc: 20.61 ug/ml



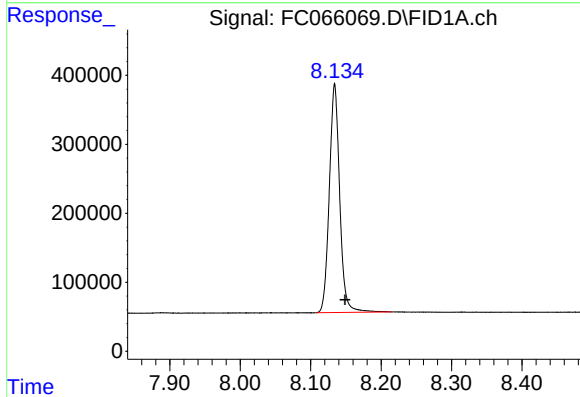
#4 n-Dodecane (C12)

R.T.: 6.347 min
Delta R.T.: -0.013 min
Response: 3509024
Conc: 19.91 ug/ml



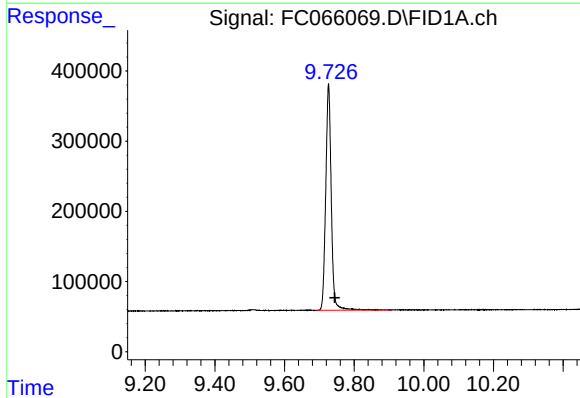
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.976 min
Delta R.T.: -0.026 min
Response: 3460488
Conc: 20.32 ug/ml



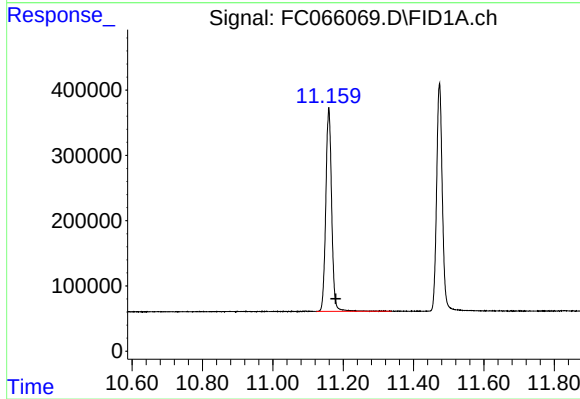
#6 n-Tetradecane (C14)

R.T.: 8.134 min
Delta R.T.: -0.015 min
Response: 3403797
Conc: 19.57 ug/ml m



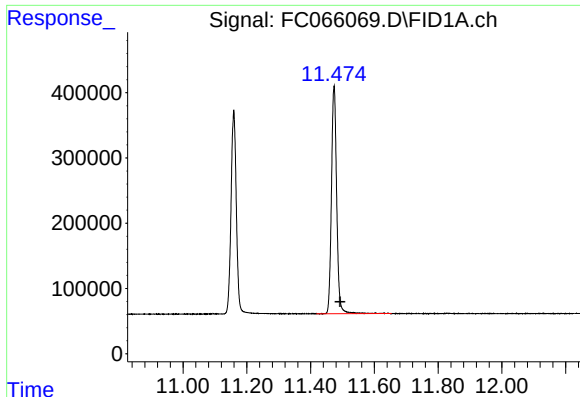
#7 n-Hexadecane (C16)

R.T.: 9.726 min
Delta R.T.: -0.017 min
Response: 3545693
Conc: 19.85 ug/ml



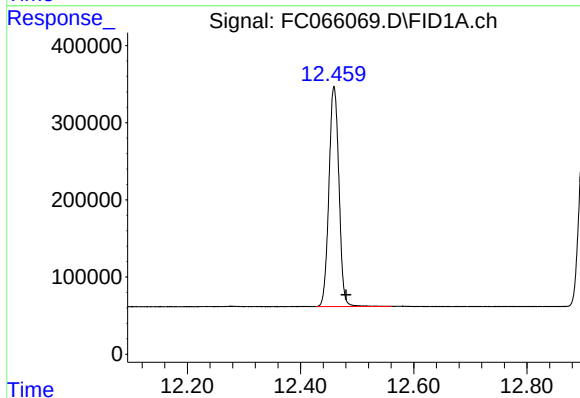
#8 n-Octadecane (C18)

R.T.: 11.159 min
Delta R.T.: -0.020 min
Response: 3606863
Conc: 19.84 ug/ml



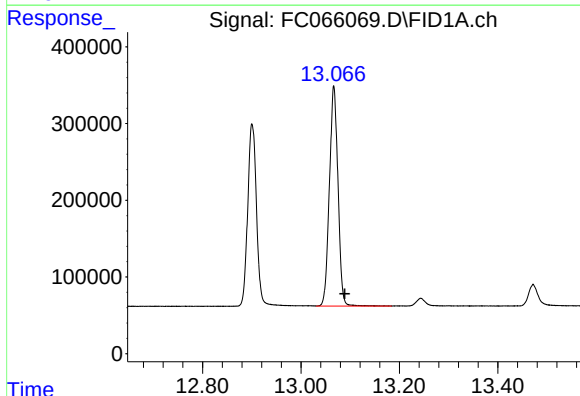
#9 ortho-Terphenyl (SURR)

R.T.: 11.474 min
Delta R.T.: -0.019 min
Response: 3962922
Conc: 20.28 ug/ml



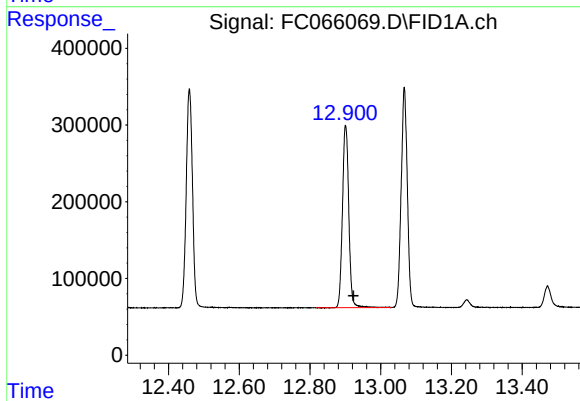
#10 n-Eicosane (C20)

R.T.: 12.459 min
Delta R.T.: -0.021 min
Response: 3493575
Conc: 20.01 ug/ml



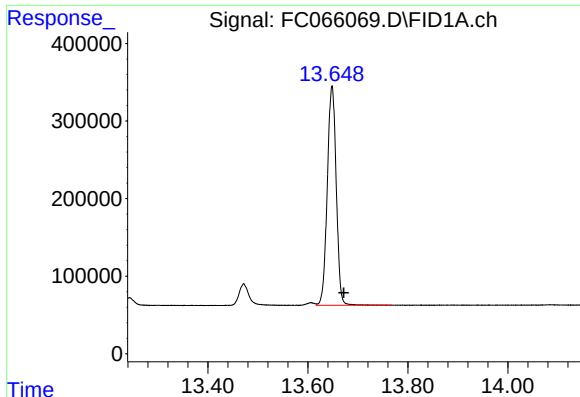
#11 n-Heneicosane (C21)

R.T.: 13.067 min
Delta R.T.: -0.022 min
Response: 3471765
Conc: 20.02 ug/ml



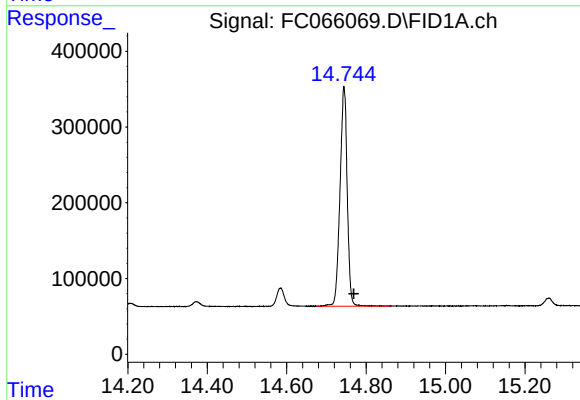
#12 1-chlorooctadecane (SURR)

R.T.: 12.901 min
Delta R.T.: -0.023 min
Response: 2966520
Conc: 20.35 ug/ml



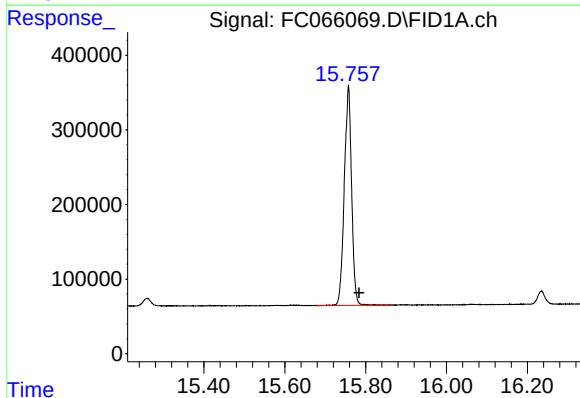
#13 n-Docosane (C22)

R.T.: 13.648 min
Delta R.T.: -0.023 min
Response: 3515966
Conc: 20.44 ug/ml



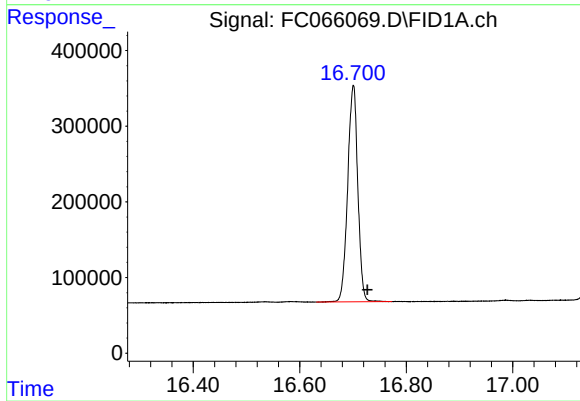
#14 n-Tetracosane (C24)

R.T.: 14.744 min
Delta R.T.: -0.025 min
Response: 3651501
Conc: 21.38 ug/ml



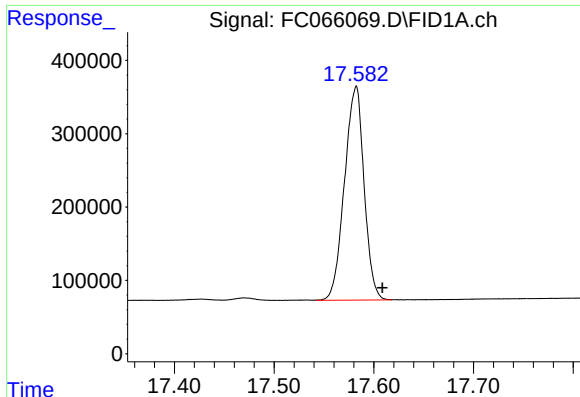
#15 n-Hexacosane (C26)

R.T.: 15.757 min
Delta R.T.: -0.027 min
Response: 3683025
Conc: 21.87 ug/ml



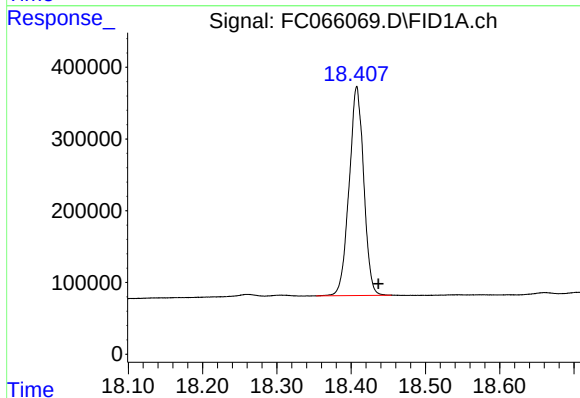
#16 n-Octacosane (C28)

R.T.: 16.700 min
Delta R.T.: -0.027 min
Response: 3768084
Conc: 22.66 ug/ml



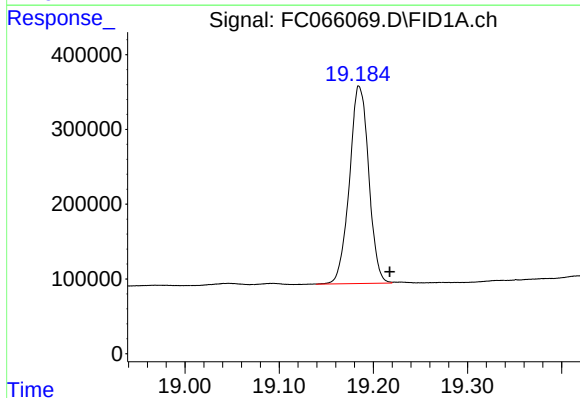
#17 n-Tricontane (C30)

R.T.: 17.582 min
Delta R.T.: -0.026 min
Response: 3974450
Conc: 23.28 ug/ml m



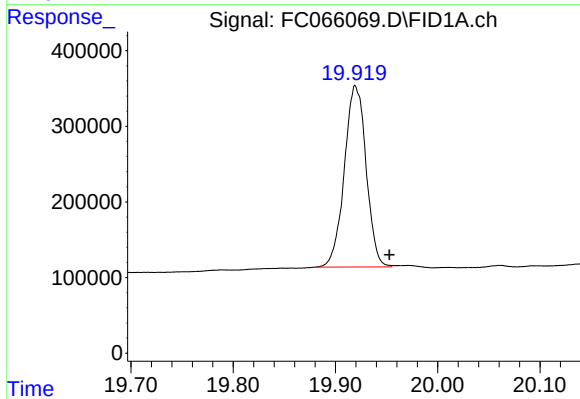
#18 n-Dotriacontane (C32)

R.T.: 18.407 min
Delta R.T.: -0.029 min
Response: 3975706
Conc: 23.58 ug/ml m



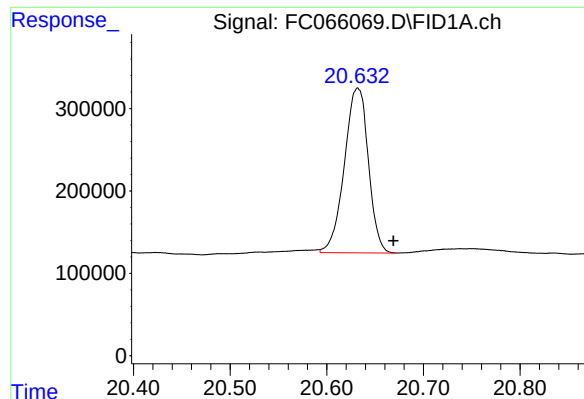
#19 n-Tetratriacontane (C34)

R.T.: 19.184 min
Delta R.T.: -0.034 min
Response: 3754772
Conc: 22.91 ug/ml m



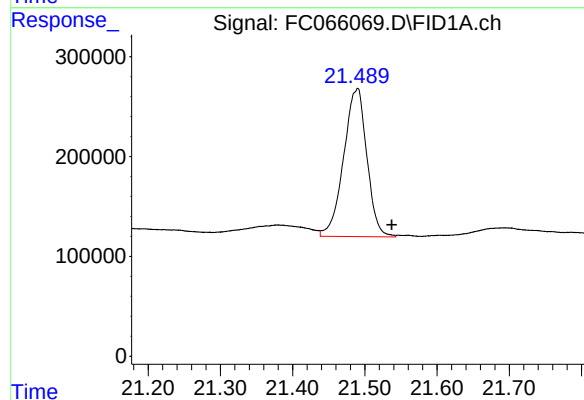
#20 n-Hexatriacontane (C36)

R.T.: 19.919 min
Delta R.T.: -0.034 min
Response: 3547430
Conc: 22.31 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.632 min
Delta R.T.: -0.037 min
Response: 3443914
Conc: 21.99 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.489 min
Delta R.T.: -0.048 min
Response: 3316472
Conc: 20.97 ug/ml m