

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062123AL\
 Data File : FC063941.D
 Signal(s) : FID1A.ch
 Acq On : 21 Jun 2023 12:38
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 21 23:09:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:12:33 2023
 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)	11.524	3442658	18.865 ug/ml
Spiked Amount 50.000		Recovery =	37.73%
12) S 1-chlorooctadecane (S...	12.958	2480233	19.411 ug/ml
Spiked Amount 50.000		Recovery =	38.82%
Target Compounds			
1) T n-Nonane (C9)	3.304	3186734	19.994 ug/ml
2) T n-Decane (C10)	4.368	3242058	20.056 ug/ml
3) T A~Naphthalene (C11.7)	5.949	3372420	19.412 ug/ml
4) T n-Dodecane (C12)	6.382	3210038	19.632 ug/ml
5) T A~2-methylnaphthalene...	7.005	3176715	19.391 ug/ml
6) T n-Tetradecane (C14)	8.174	3079819	19.583 ug/ml
7) T n-Hexadecane (C16)	9.772	3094167	19.443 ug/ml
8) T n-Octadecane (C18)	11.211	3065821	19.376 ug/ml
10) T n-Eicosane (C20)	12.516	2886355	19.517 ug/ml
11) T n-Heneicosane (C21)	13.126	2805662	19.491 ug/ml
13) T n-Docosane (C22)	13.710	2763368	19.616 ug/ml
14) T n-Tetracosane (C24)	14.810	2718778	19.813 ug/ml
15) T n-Hexacosane (C26)	15.827	2670634	20.142 ug/ml
16) T n-Octacosane (C28)	16.773	2663989	20.980 ug/ml
17) T n-Tricontane (C30)	17.658	2827747	22.133 ug/ml
18) T n-Dotriacontane (C32)	18.487	2870555	23.069 ug/ml
19) T n-Tetratriacontane (C34)	19.269	2802092	22.726 ug/ml
20) T n-Hexatriacontane (C36)	20.008	2706775	22.552 ug/mlm
21) T n-Octatriacontane (C38)	20.730	2661040	22.041 ug/ml
22) T n-Tetracontane (C40)	21.619	2619354	21.617 ug/ml

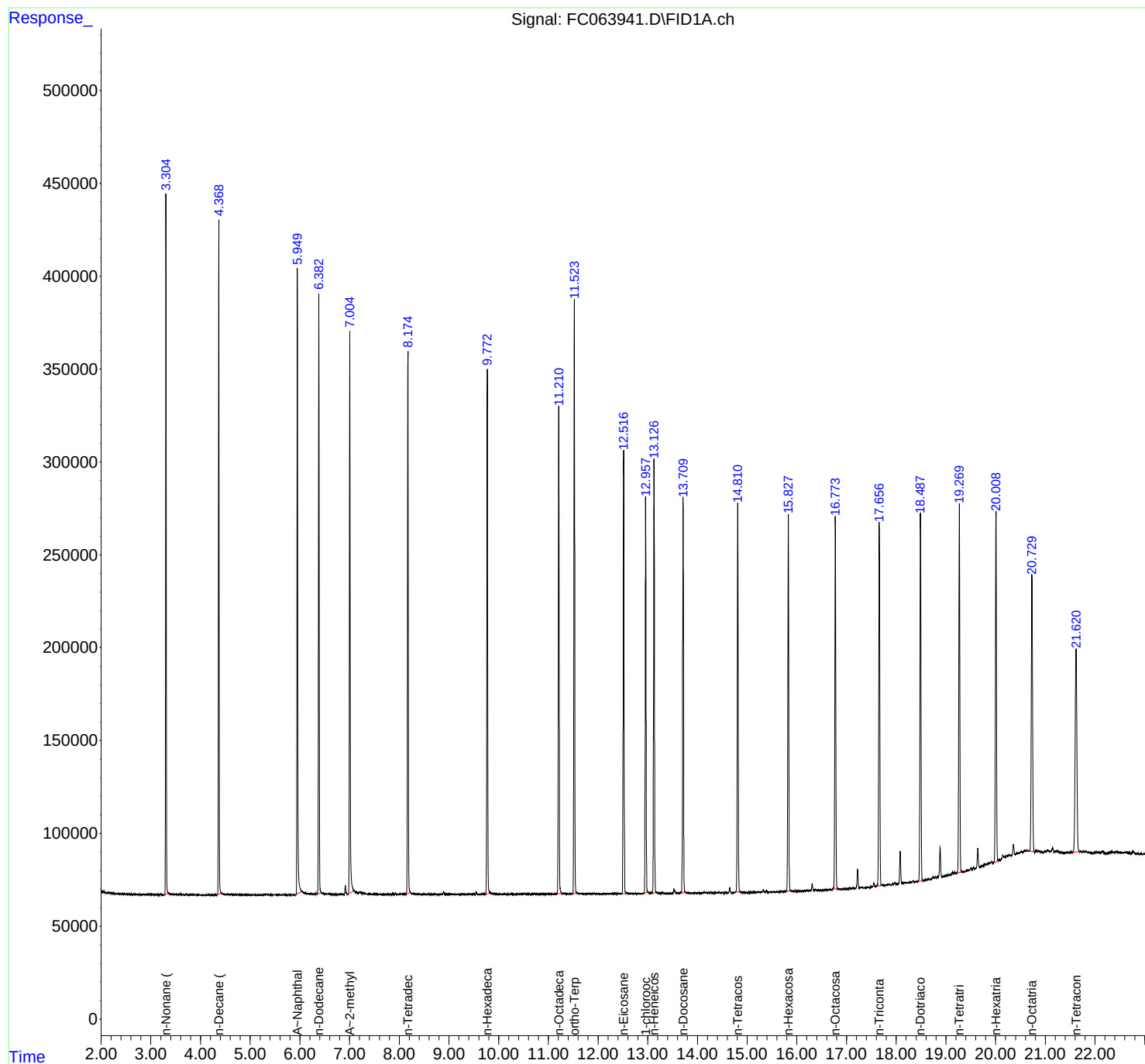
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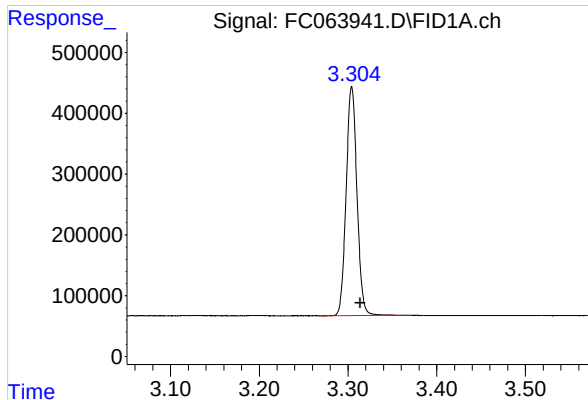
(m)=manual int.

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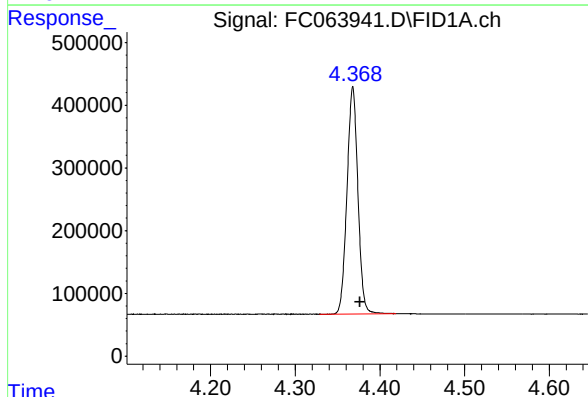
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Signal Info : 20M x 0.18mm x 0.18um





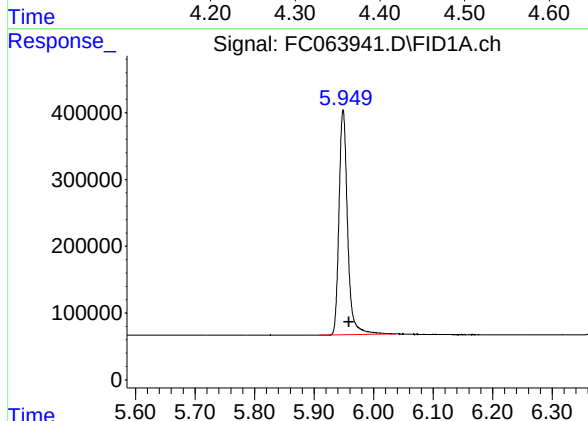
#1 n-Nonane (C9)

R.T.: 3.304 min
Delta R.T.: -0.010 min
Response: 3186734
Conc: 19.99 ug/ml



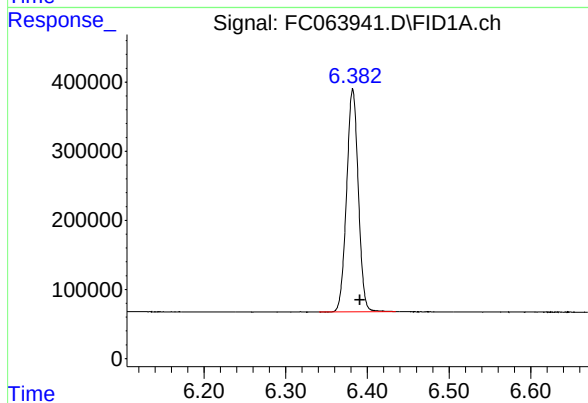
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: -0.008 min
Response: 3242058
Conc: 20.06 ug/ml



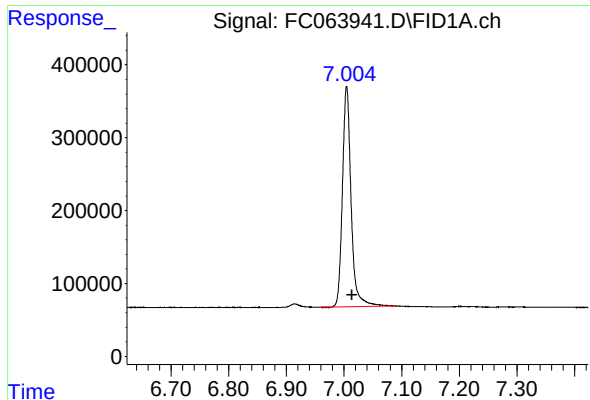
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.009 min
Response: 3372420
Conc: 19.41 ug/ml



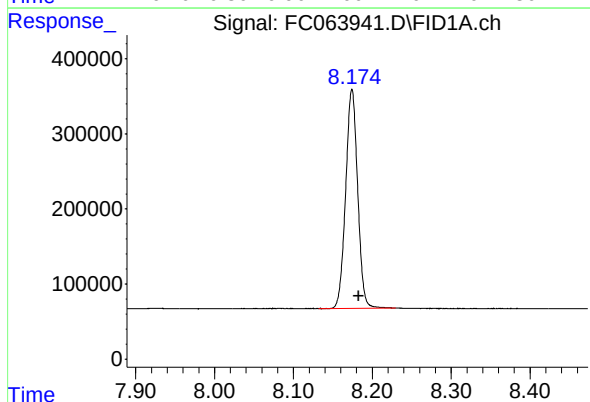
#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: -0.009 min
Response: 3210038
Conc: 19.63 ug/ml



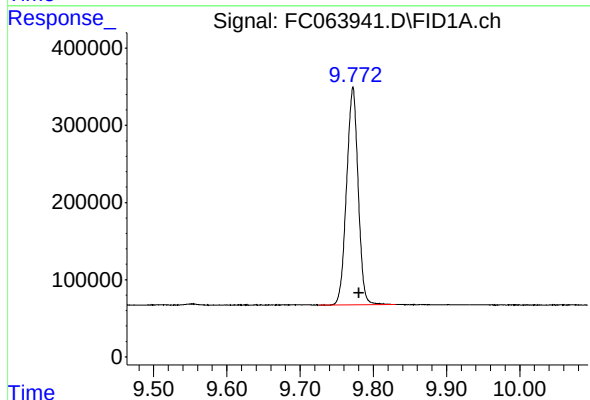
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.005 min
Delta R.T.: -0.010 min
Response: 3176715
Conc: 19.39 ug/ml



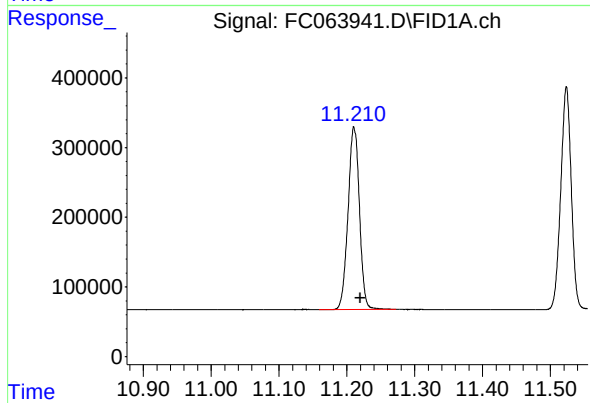
#6 n-Tetradecane (C14)

R.T.: 8.174 min
Delta R.T.: -0.009 min
Response: 3079819
Conc: 19.58 ug/ml



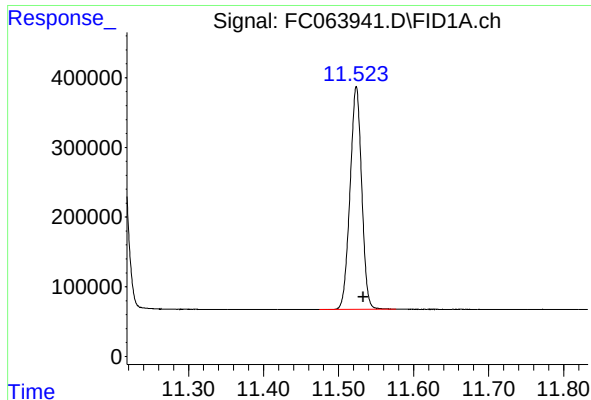
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: -0.009 min
Response: 3094167
Conc: 19.44 ug/ml



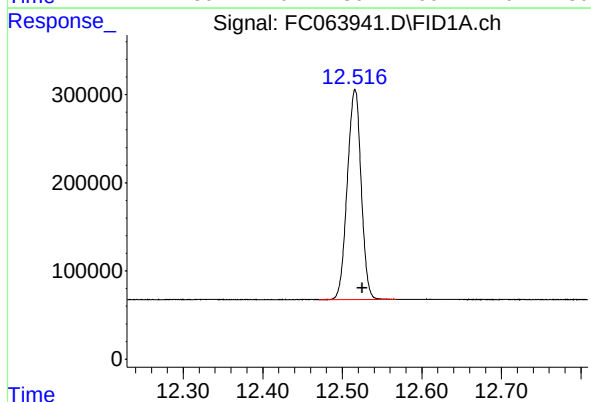
#8 n-Octadecane (C18)

R.T.: 11.211 min
Delta R.T.: -0.009 min
Response: 3065821
Conc: 19.38 ug/ml



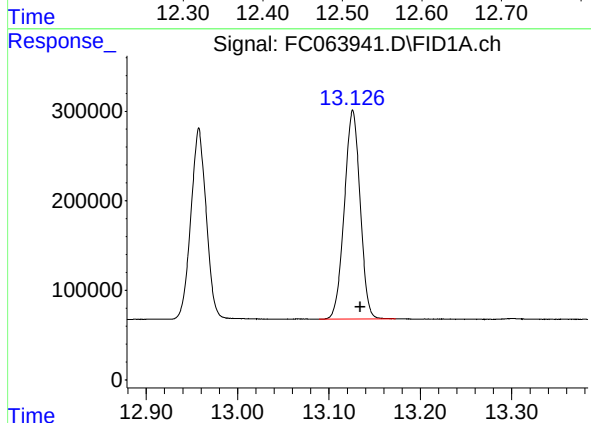
#9 ortho-Terphenyl (SURR)

R.T.: 11.524 min
Delta R.T.: -0.009 min
Response: 3442658
Conc: 18.87 ug/ml



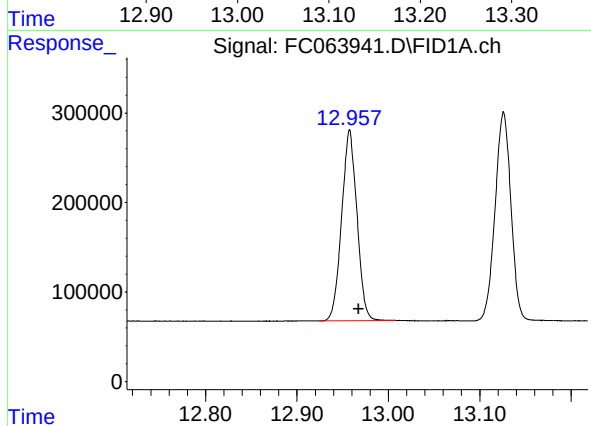
#10 n-Eicosane (C20)

R.T.: 12.516 min
Delta R.T.: -0.009 min
Response: 2886355
Conc: 19.52 ug/ml



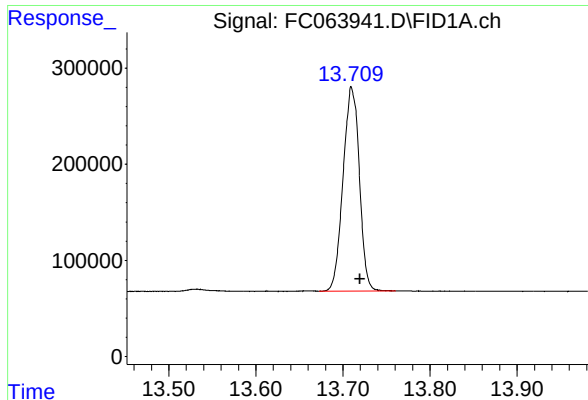
#11 n-Heneicosane (C21)

R.T.: 13.126 min
Delta R.T.: -0.008 min
Response: 2805662
Conc: 19.49 ug/ml



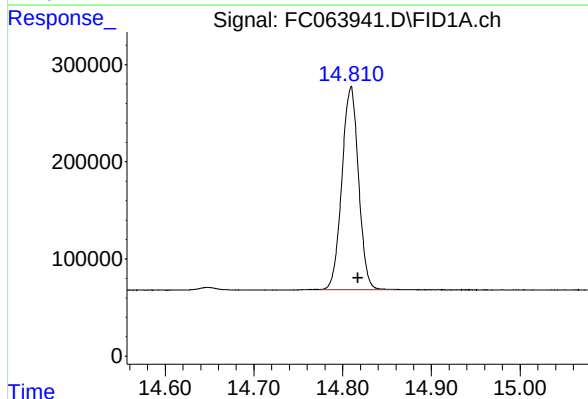
#12 1-chlorooctadecane (SURR)

R.T.: 12.958 min
Delta R.T.: -0.010 min
Response: 2480233
Conc: 19.41 ug/ml



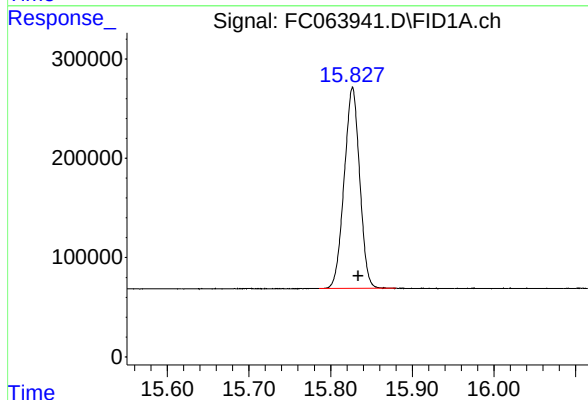
#13 n-Docosane (C22)

R.T.: 13.710 min
Delta R.T.: -0.010 min
Response: 2763368
Conc: 19.62 ug/ml



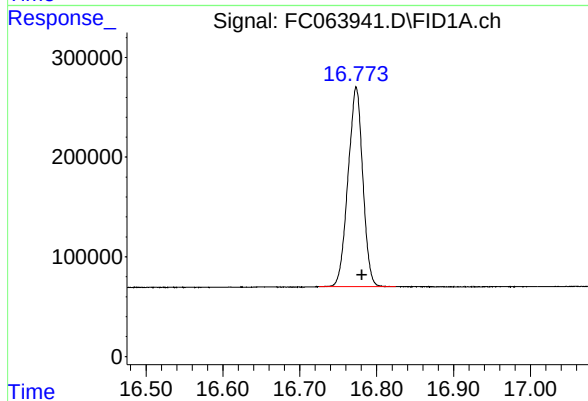
#14 n-Tetracosane (C24)

R.T.: 14.810 min
Delta R.T.: -0.008 min
Response: 2718778
Conc: 19.81 ug/ml



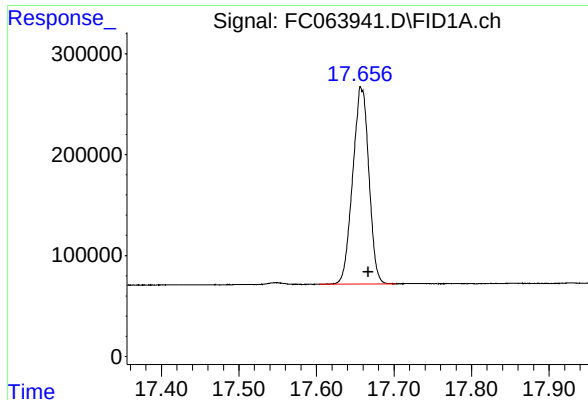
#15 n-Hexacosane (C26)

R.T.: 15.827 min
Delta R.T.: -0.007 min
Response: 2670634
Conc: 20.14 ug/ml



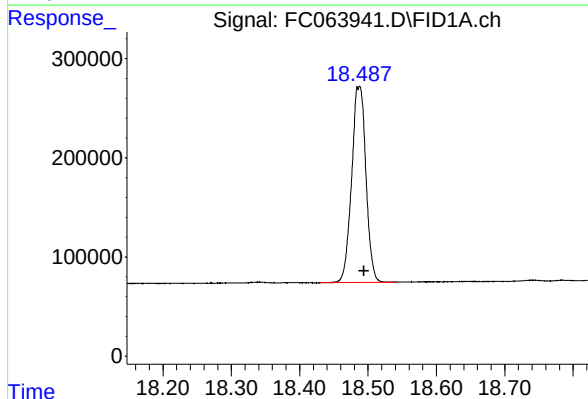
#16 n-Octacosane (C28)

R.T.: 16.773 min
Delta R.T.: -0.007 min
Response: 2663989
Conc: 20.98 ug/ml



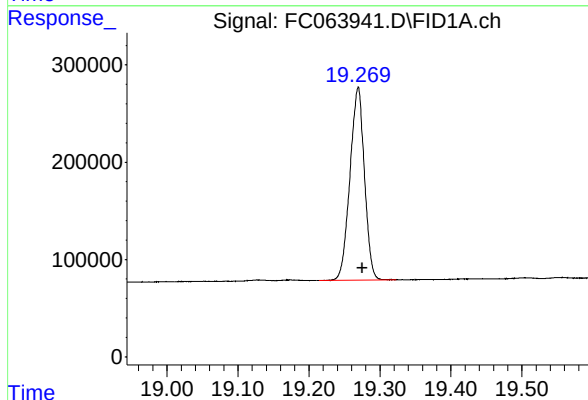
#17 n-Tricontane (C30)

R.T.: 17.658 min
Delta R.T.: -0.009 min
Response: 2827747
Conc: 22.13 ug/ml



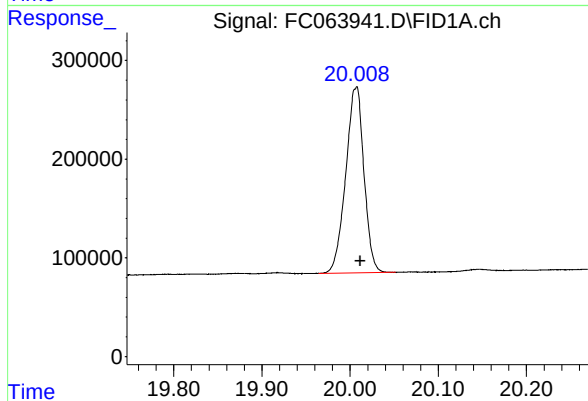
#18 n-Dotriacontane (C32)

R.T.: 18.487 min
Delta R.T.: -0.007 min
Response: 2870555
Conc: 23.07 ug/ml



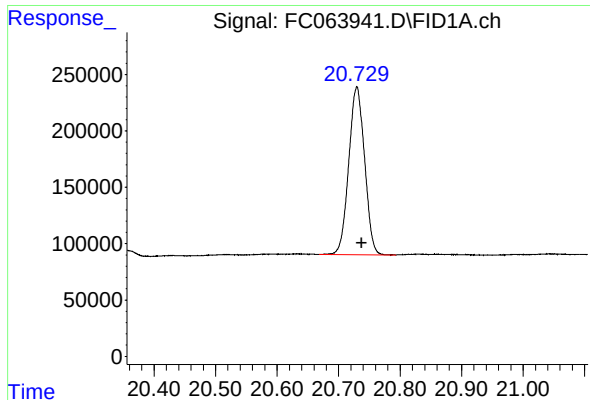
#19 n-Tetatriacontane (C34)

R.T.: 19.269 min
Delta R.T.: -0.006 min
Response: 2802092
Conc: 22.73 ug/ml



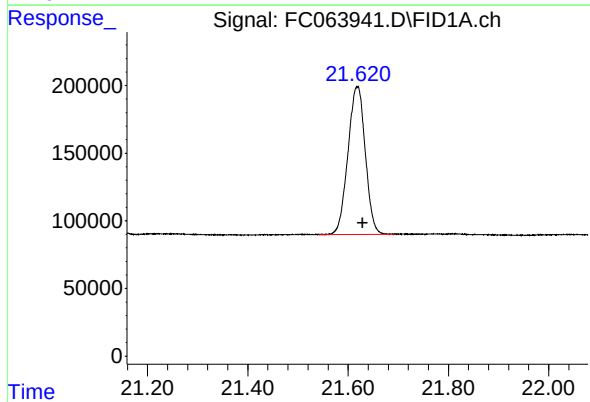
#20 n-Hexatriacontane (C36)

R.T.: 20.008 min
Delta R.T.: -0.004 min
Response: 2706775
Conc: 22.55 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.730 min
Delta R.T.: -0.008 min
Response: 2661040
Conc: 22.04 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.619 min
Delta R.T.: -0.010 min
Response: 2619354
Conc: 21.62 ug/ml