

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062123AL\
 Data File : FC063936.D
 Signal(s) : FID1A.ch
 Acq On : 21 Jun 2023 08:44
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 21 23:08:55 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)	11.523	3436519	18.832 ug/ml
Spiked Amount 50.000		Recovery =	37.66%
12) S 1-chlorooctadecane (S...	12.957	2472118	19.348 ug/ml
Spiked Amount 50.000		Recovery =	38.70%
Target Compounds			
1) T n-Nonane (C9)	3.303	3177182	19.934 ug/ml
2) T n-Decane (C10)	4.367	3238314	20.033 ug/ml
3) T A~Naphthalene (C11.7)	5.949	3361026	19.347 ug/ml
4) T n-Dodecane (C12)	6.382	3194189	19.535 ug/ml
5) T A~2-methylnaphthalene...	7.004	3175653	19.385 ug/ml
6) T n-Tetradecane (C14)	8.174	3069050	19.514 ug/ml
7) T n-Hexadecane (C16)	9.771	3077535	19.338 ug/ml
8) T n-Octadecane (C18)	11.209	3049856	19.275 ug/ml
10) T n-Eicosane (C20)	12.515	2871659	19.417 ug/ml
11) T n-Heneicosane (C21)	13.125	2794810	19.416 ug/ml
13) T n-Docosane (C22)	13.709	2749016	19.514 ug/ml
14) T n-Tetracosane (C24)	14.807	2708725	19.740 ug/ml
15) T n-Hexacosane (C26)	15.827	2658058	20.047 ug/ml
16) T n-Octacosane (C28)	16.772	2649031	20.862 ug/ml
17) T n-Tricontane (C30)	17.659	2795820	21.883 ug/ml
18) T n-Dotriacontane (C32)	18.488	2829539	22.739 ug/ml
19) T n-Tetratriacontane (C34)	19.268	2770929	22.473 ug/ml
20) T n-Hexatriacontane (C36)	20.004	2612746	21.769 ug/ml
21) T n-Octatriacontane (C38)	20.730	2646740	21.922 ug/ml
22) T n-Tetracontane (C40)	21.618	2595578	21.421 ug/ml

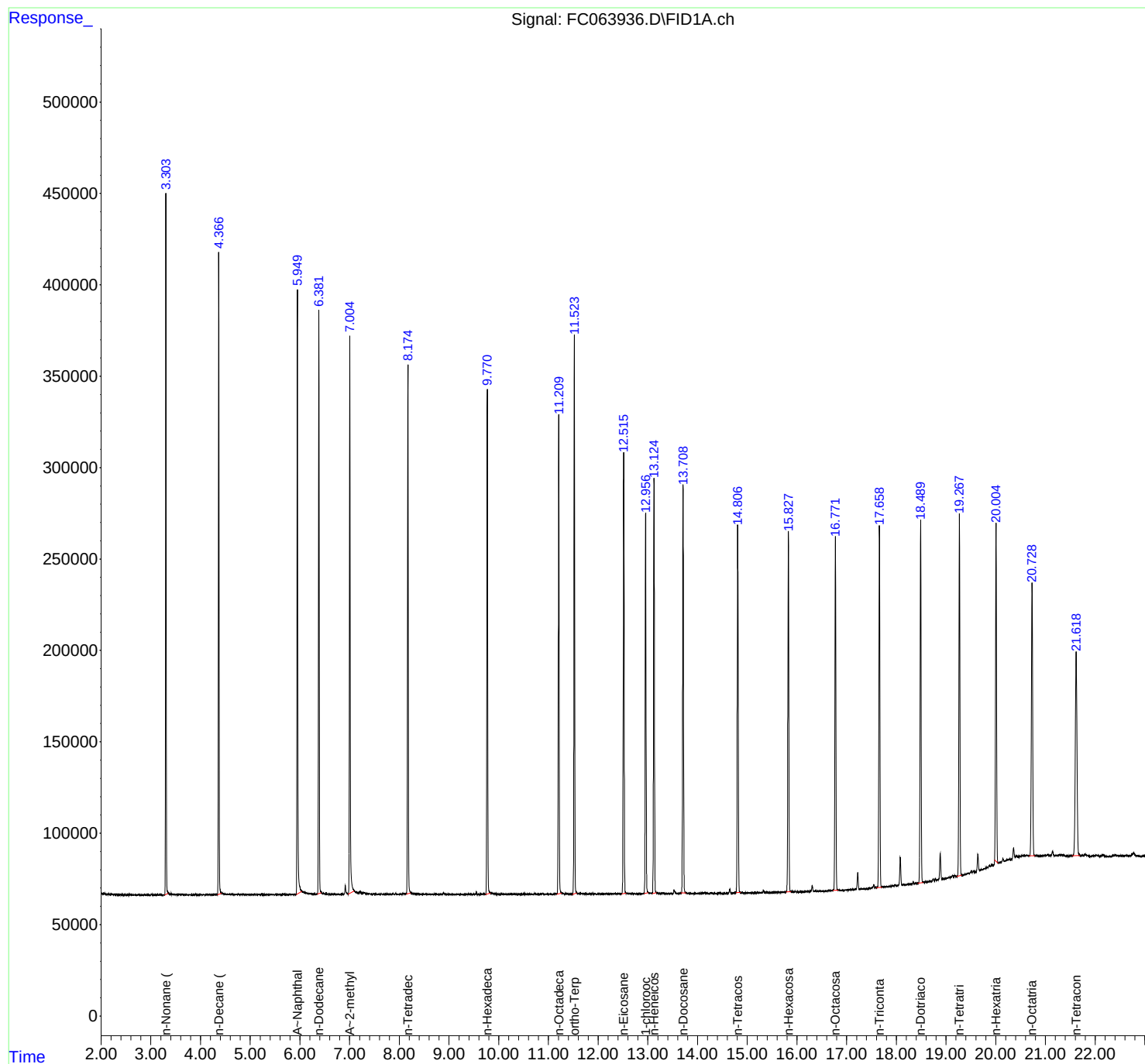
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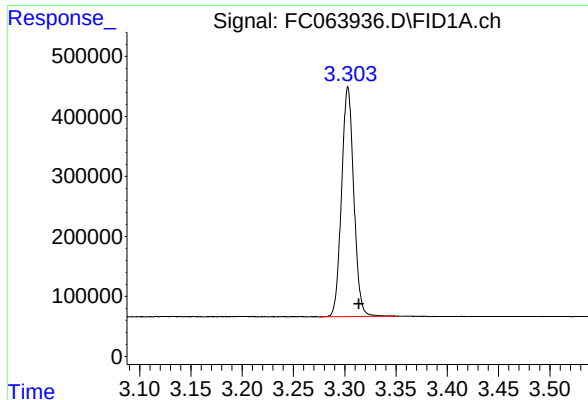
(m)=manual int.

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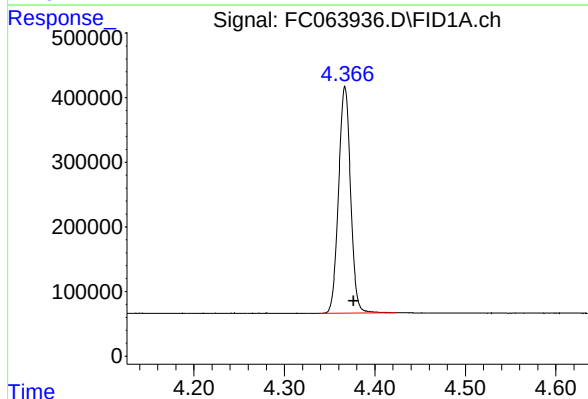
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





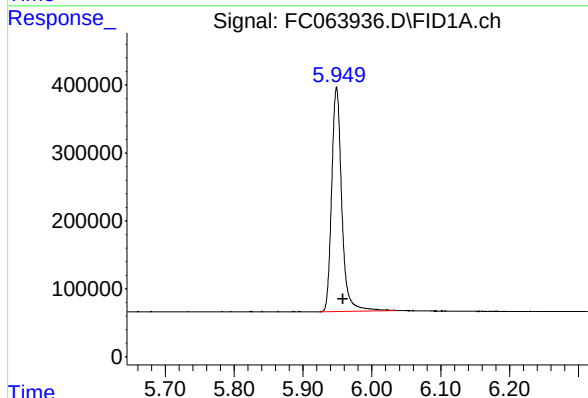
#1 n-Nonane (C9)

R.T.: 3.303 min
Delta R.T.: -0.011 min
Response: 3177182
Conc: 19.93 ug/ml



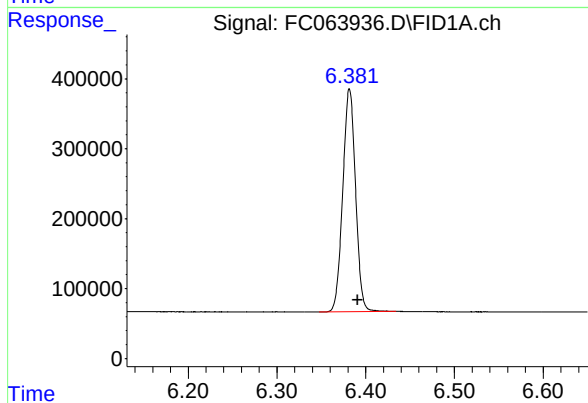
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.009 min
Response: 3238314
Conc: 20.03 ug/ml



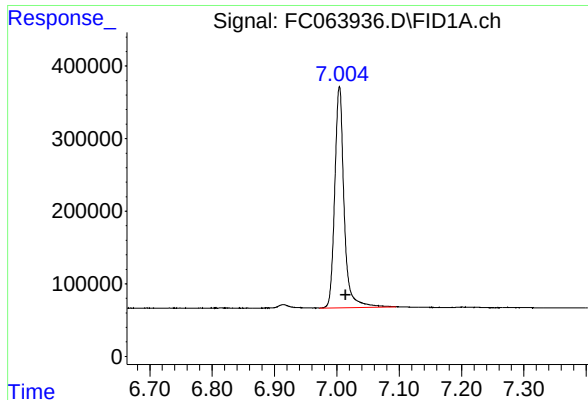
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.009 min
Response: 3361026
Conc: 19.35 ug/ml



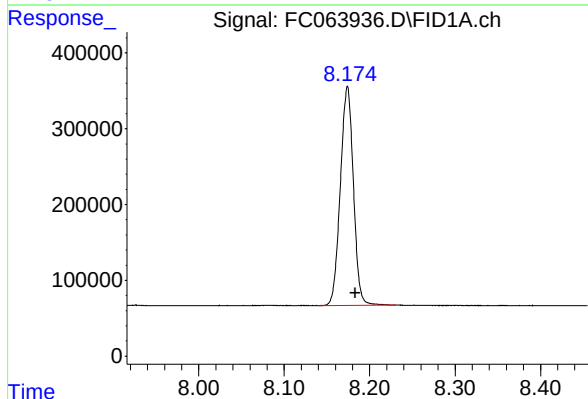
#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: -0.009 min
Response: 3194189
Conc: 19.53 ug/ml



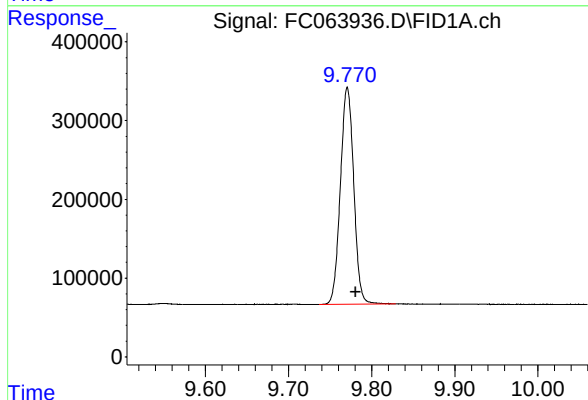
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.004 min
Delta R.T.: -0.010 min
Response: 3175653
Conc: 19.38 ug/ml



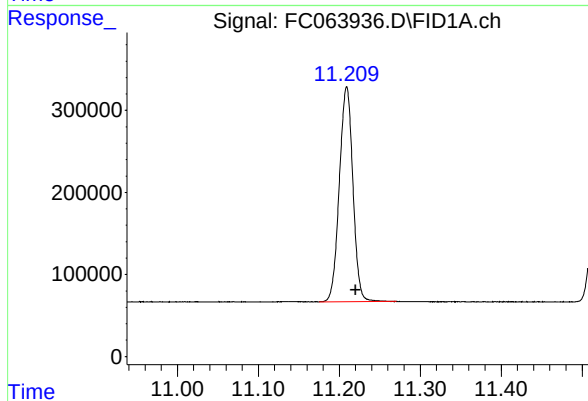
#6 n-Tetradecane (C14)

R.T.: 8.174 min
Delta R.T.: -0.009 min
Response: 3069050
Conc: 19.51 ug/ml



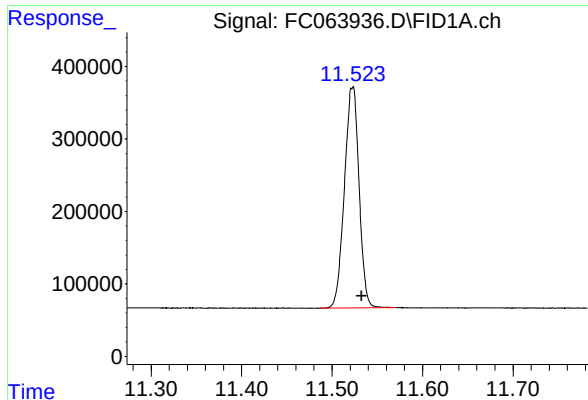
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: -0.010 min
Response: 3077535
Conc: 19.34 ug/ml



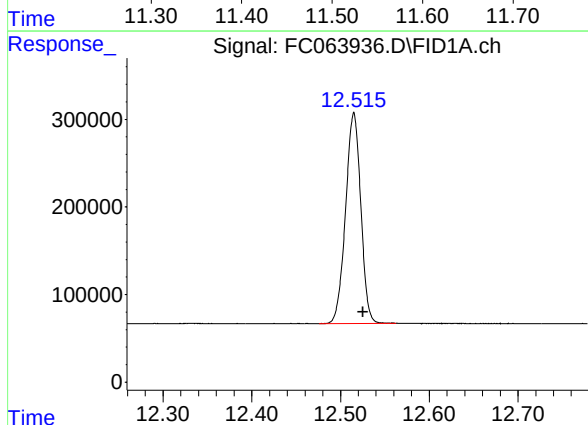
#8 n-Octadecane (C18)

R.T.: 11.209 min
Delta R.T.: -0.011 min
Response: 3049856
Conc: 19.28 ug/ml



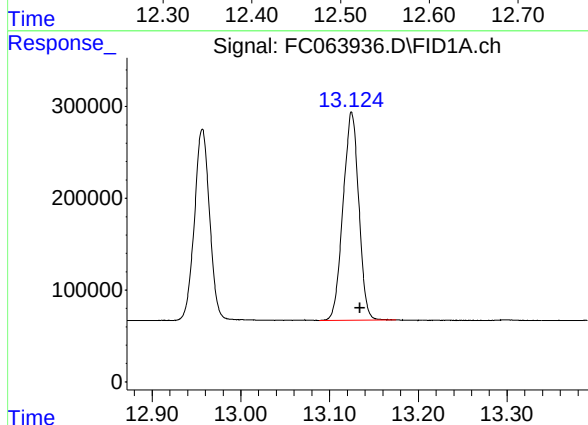
#9 ortho-Terphenyl (SURR)

R.T.: 11.523 min
Delta R.T.: -0.010 min
Response: 3436519
Conc: 18.83 ug/ml



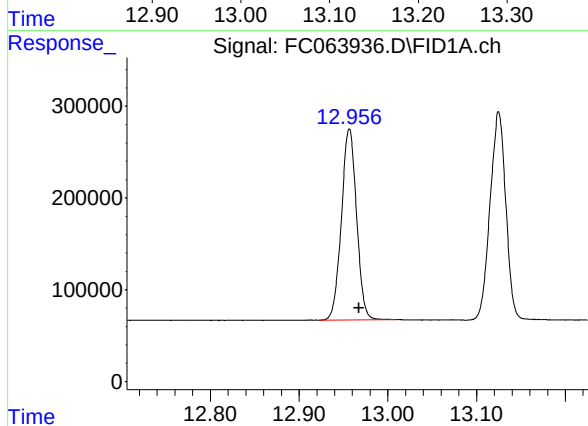
#10 n-Eicosane (C20)

R.T.: 12.515 min
Delta R.T.: -0.010 min
Response: 2871659
Conc: 19.42 ug/ml



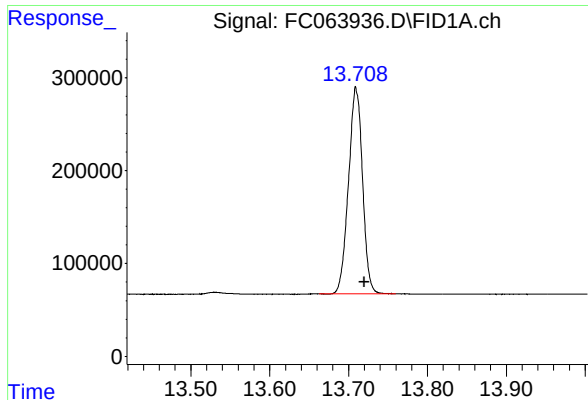
#11 n-Heneicosane (C21)

R.T.: 13.125 min
Delta R.T.: -0.009 min
Response: 2794810
Conc: 19.42 ug/ml



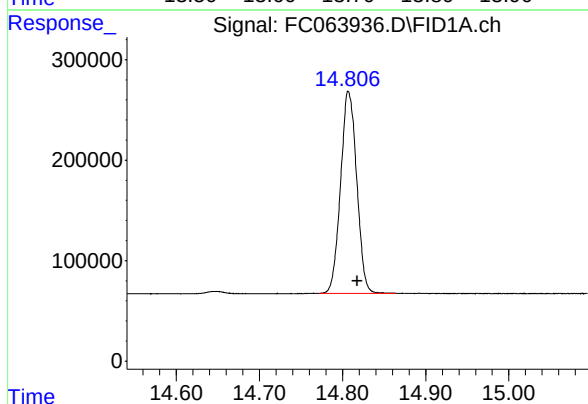
#12 1-chlorooctadecane (SURR)

R.T.: 12.957 min
Delta R.T.: -0.011 min
Response: 2472118
Conc: 19.35 ug/ml



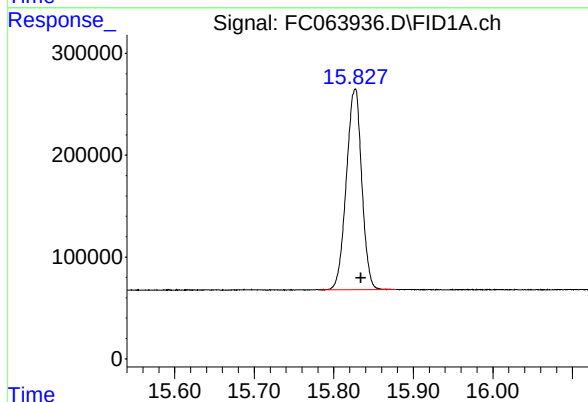
#13 n-Docosane (C22)

R.T.: 13.709 min
Delta R.T.: -0.010 min
Response: 2749016
Conc: 19.51 ug/ml



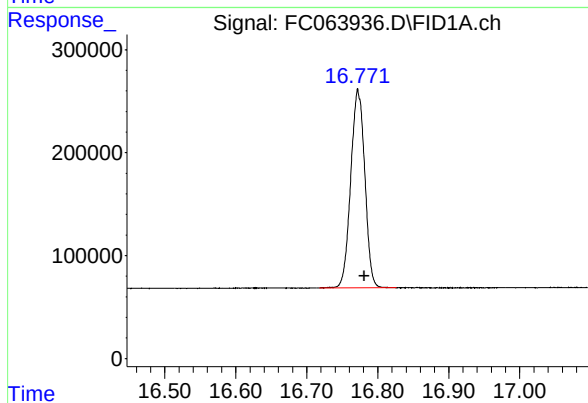
#14 n-Tetracosane (C24)

R.T.: 14.807 min
Delta R.T.: -0.011 min
Response: 2708725
Conc: 19.74 ug/ml



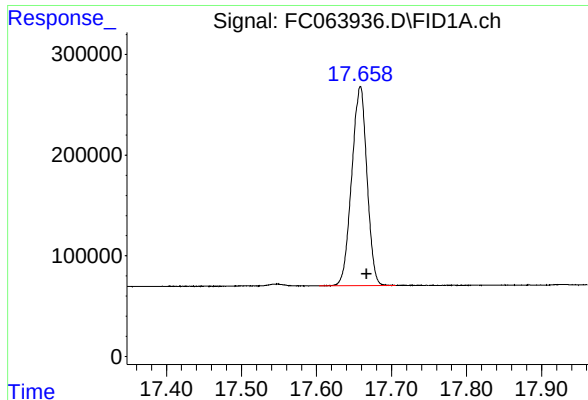
#15 n-Hexacosane (C26)

R.T.: 15.827 min
Delta R.T.: -0.007 min
Response: 2658058
Conc: 20.05 ug/ml



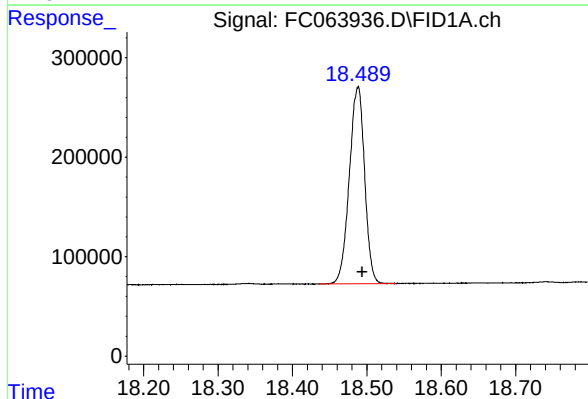
#16 n-Octacosane (C28)

R.T.: 16.772 min
Delta R.T.: -0.009 min
Response: 2649031
Conc: 20.86 ug/ml



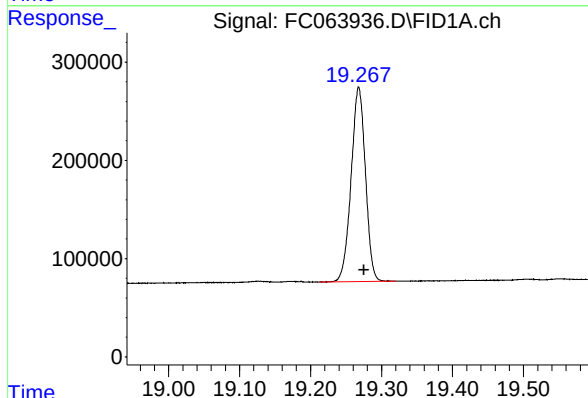
#17 n-Tricontane (C30)

R.T.: 17.659 min
Delta R.T.: -0.009 min
Response: 2795820
Conc: 21.88 ug/ml



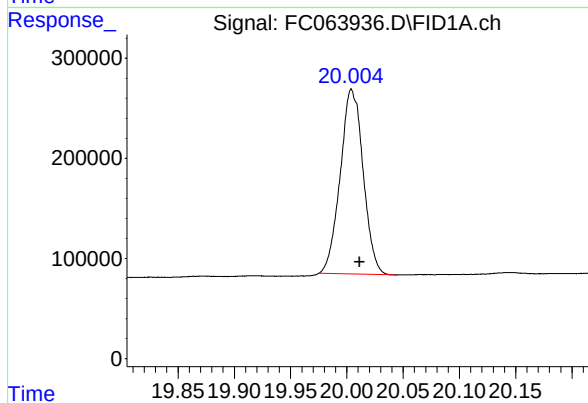
#18 n-Dotriacontane (C32)

R.T.: 18.488 min
Delta R.T.: -0.006 min
Response: 2829539
Conc: 22.74 ug/ml



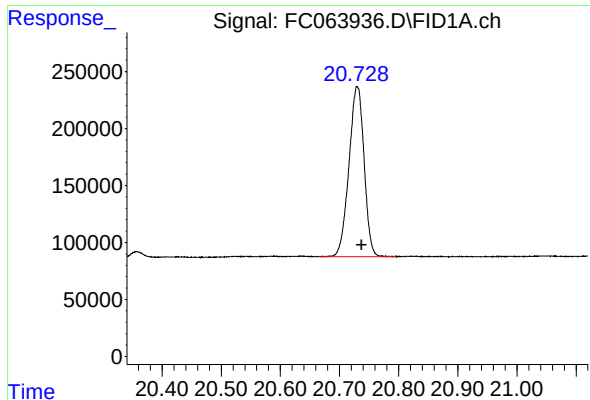
#19 n-Tetratriacontane (C34)

R.T.: 19.268 min
Delta R.T.: -0.007 min
Response: 2770929
Conc: 22.47 ug/ml



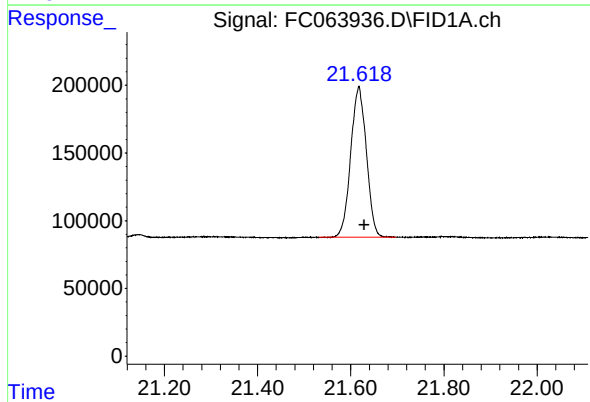
#20 n-Hexatriacontane (C36)

R.T.: 20.004 min
Delta R.T.: -0.007 min
Response: 2612746
Conc: 21.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.730 min
Delta R.T.: -0.007 min
Response: 2646740
Conc: 21.92 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.618 min
Delta R.T.: -0.012 min
Response: 2595578
Conc: 21.42 ug/ml