

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040723AL\
 Data File : FC063346.D
 Signal(s) : FID1A.ch
 Acq On : 08 Apr 2023 00:35
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 10 05:51:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:22:46 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)	11.532	3027378	19.898 ug/ml
Spiked Amount 50.000		Recovery =	39.80%
12) S 1-chlorooctadecane (S...	12.968	2281994	20.624 ug/ml
Spiked Amount 50.000		Recovery =	41.25%
Target Compounds			
1) T n-Nonane (C9)	3.301	2813597	20.040 ug/ml
2) T n-Decane (C10)	4.366	2751262	20.190 ug/ml
3) T A~Naphthalene (C11.7)	5.949	3020374	20.002 ug/ml
4) T n-Dodecane (C12)	6.384	2740021	20.368 ug/ml
5) T A~2-methylnaphthalene...	7.005	2804243	20.134 ug/ml
6) T n-Tetradecane (C14)	8.178	2693287	19.895 ug/ml
7) T n-Hexadecane (C16)	9.778	2731277	20.113 ug/ml
8) T n-Octadecane (C18)	11.218	2742708	19.801 ug/ml
10) T n-Eicosane (C20)	12.525	2669664	19.871 ug/ml
11) T n-Heneicosane (C21)	13.135	2678756	19.903 ug/ml
13) T n-Docosane (C22)	13.722	2645563	19.839 ug/ml
14) T n-Tetracosane (C24)	14.823	2643303	19.659 ug/ml
15) T n-Hexacosane (C26)	15.841	2630106	19.649 ug/ml
16) T n-Octacosane (C28)	16.789	2676056	19.764 ug/ml
17) T n-Tricontane (C30)	17.676	2795328	20.207 ug/ml
18) T n-Dotriacontane (C32)	18.505	2895162	20.507 ug/ml
19) T n-Tetratriacontane (C34)	19.286	2864325	20.756 ug/ml
20) T n-Hexatriacontane (C36)	20.024	2687913	21.029 ug/ml
21) T n-Octatriacontane (C38)	20.752	2714915	22.049 ug/ml
22) T n-Tetracontane (C40)	21.646	2777732	23.604 ug/ml

(f)=RT Delta > 1/2 Window

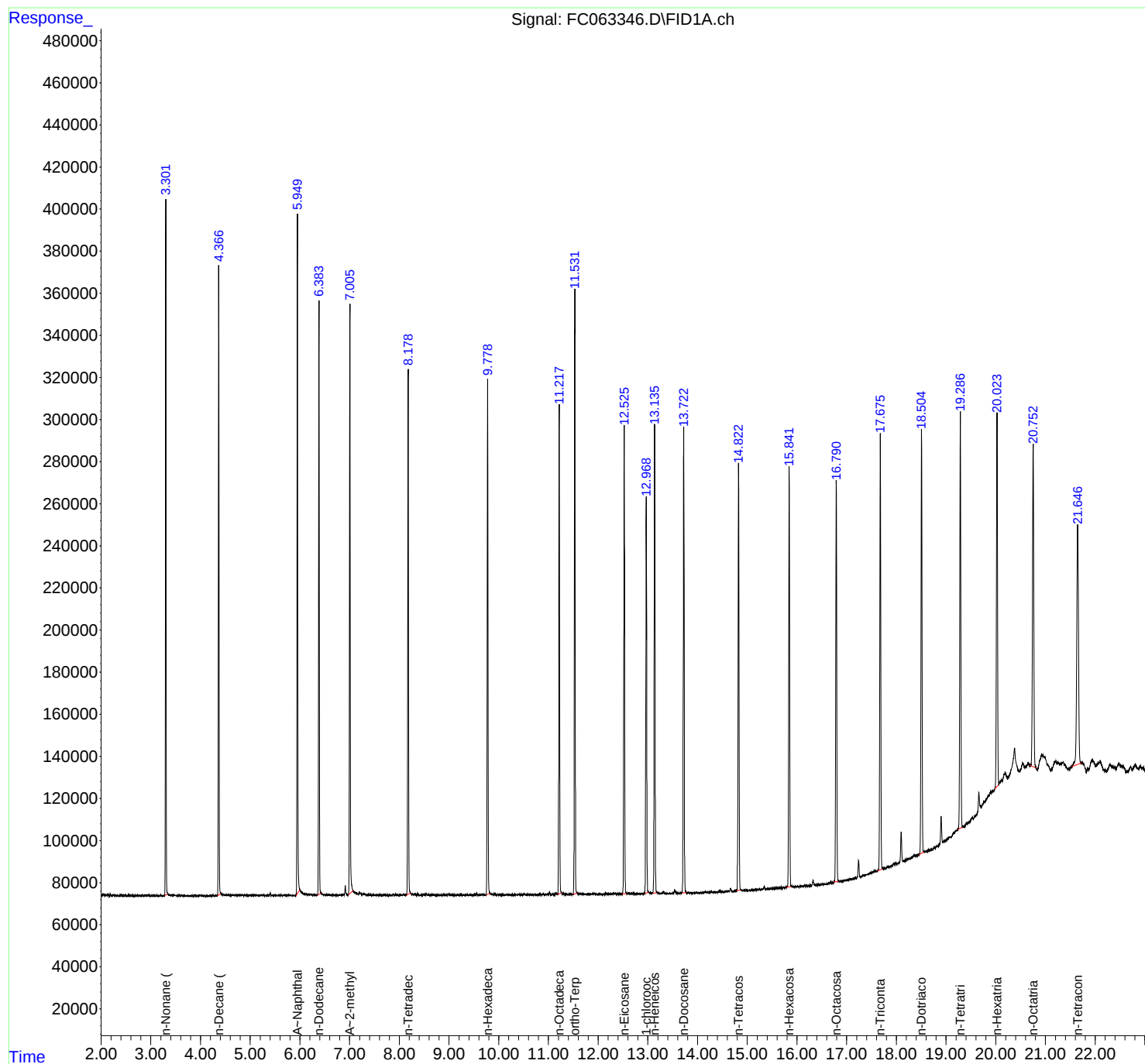
(m)=manual int.

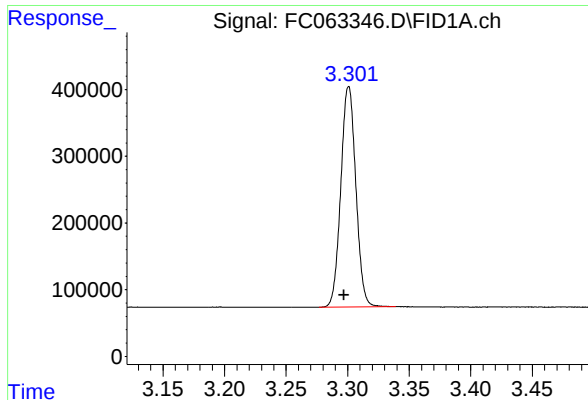
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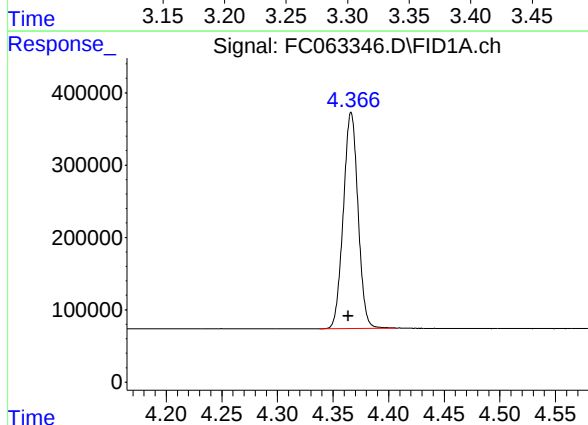




#1 n-Nonane (C9)

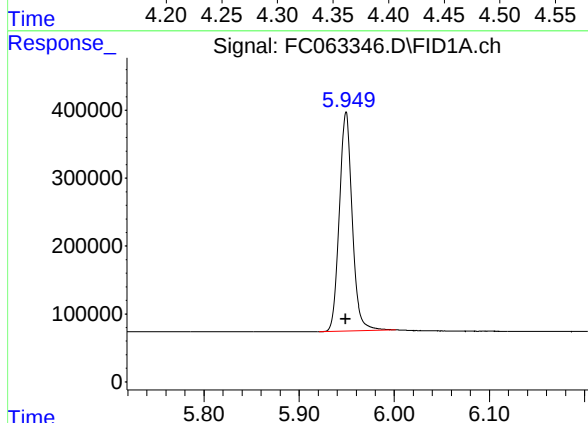
R.T.: 3.301 min
Delta R.T.: 0.004 min
Response: 2813597
Conc: 20.04 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



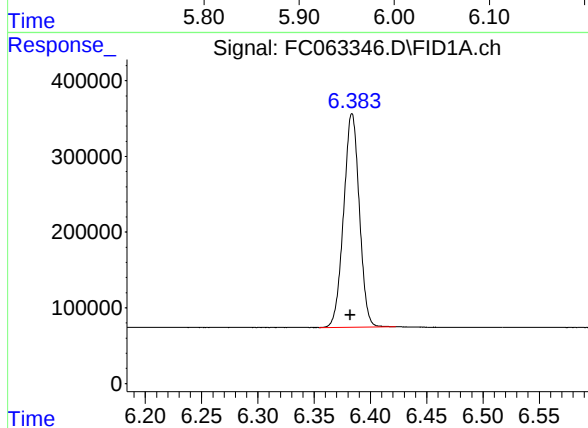
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: 0.003 min
Response: 2751262
Conc: 20.19 ug/ml



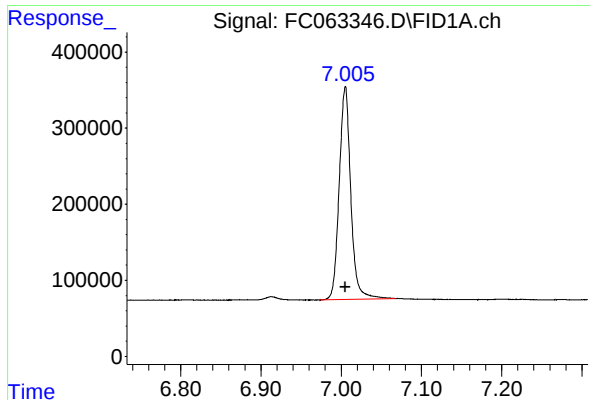
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 3020374
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

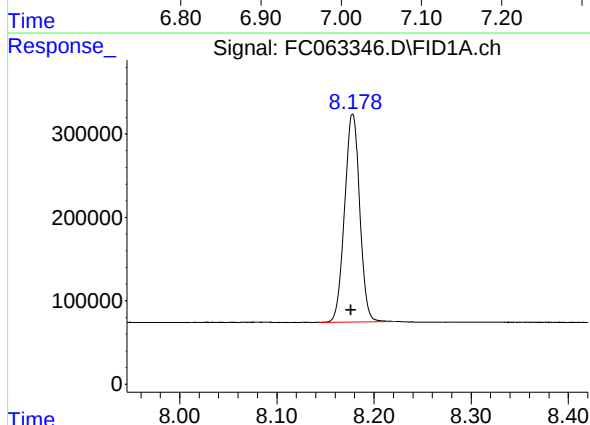
R.T.: 6.384 min
Delta R.T.: 0.001 min
Response: 2740021
Conc: 20.37 ug/ml



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

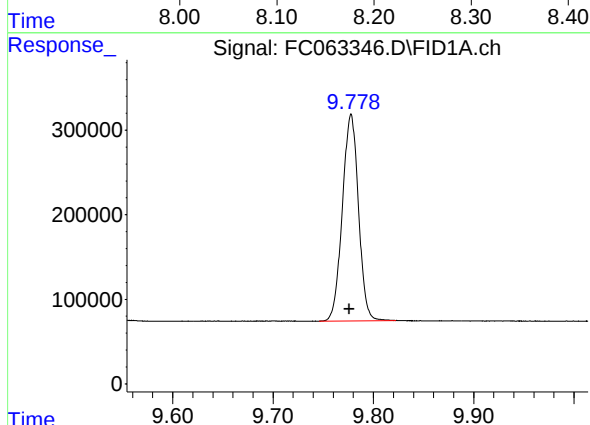
R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 2804243
Conc: 20.13 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



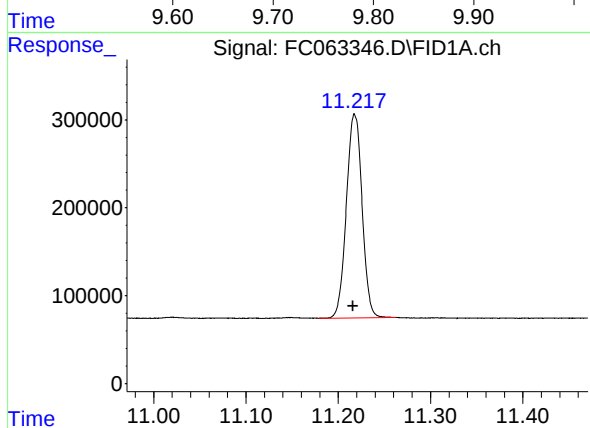
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: 0.002 min
Response: 2693287
Conc: 19.89 ug/ml



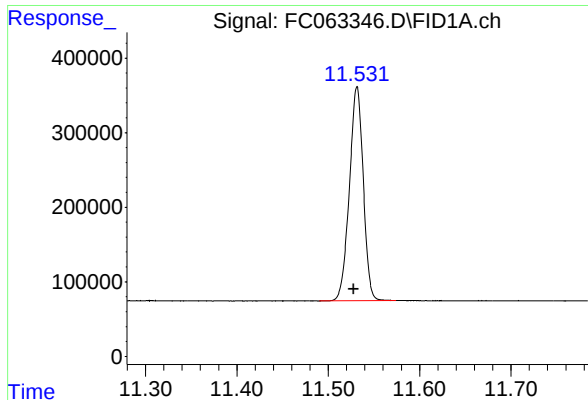
#7 n-Hexadecane (C16)

R.T.: 9.778 min
Delta R.T.: 0.002 min
Response: 2731277
Conc: 20.11 ug/ml



#8 n-Octadecane (C18)

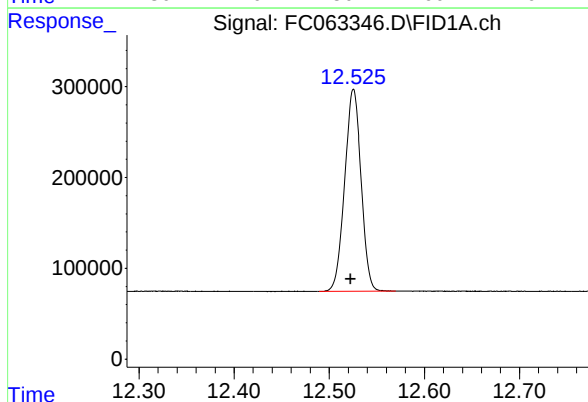
R.T.: 11.218 min
Delta R.T.: 0.002 min
Response: 2742708
Conc: 19.80 ug/ml



#9 ortho-Terphenyl (SURR)

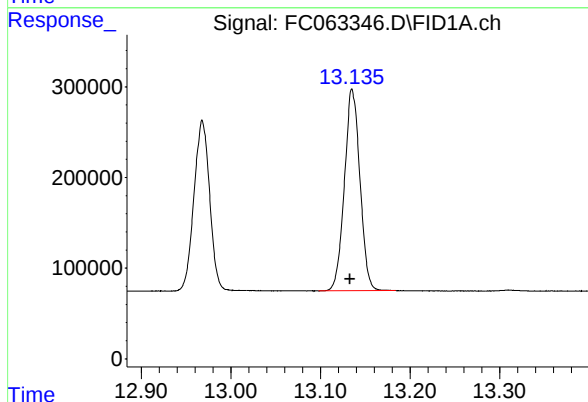
R.T.: 11.532 min
Delta R.T.: 0.004 min
Response: 3027378
Conc: 19.90 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



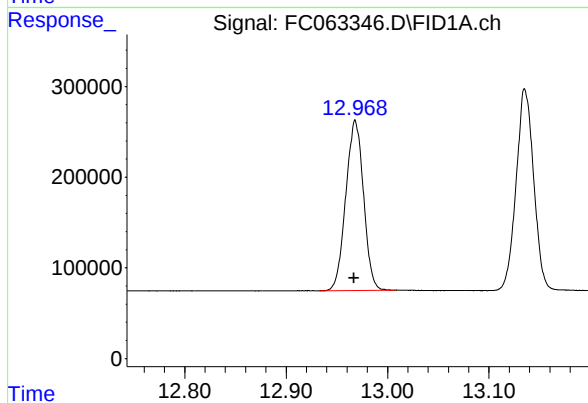
#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: 0.003 min
Response: 2669664
Conc: 19.87 ug/ml



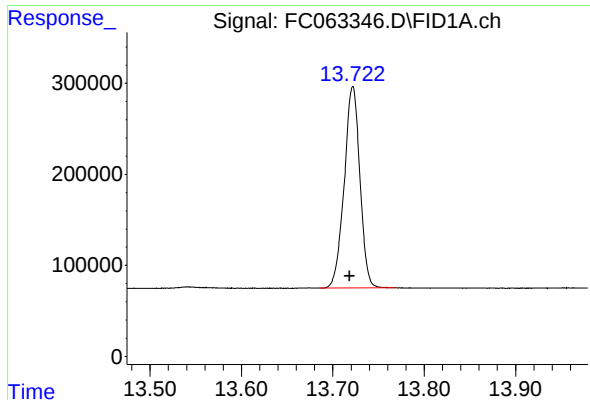
#11 n-Heneicosane (C21)

R.T.: 13.135 min
Delta R.T.: 0.002 min
Response: 2678756
Conc: 19.90 ug/ml



#12 1-chlorooctadecane (SURR)

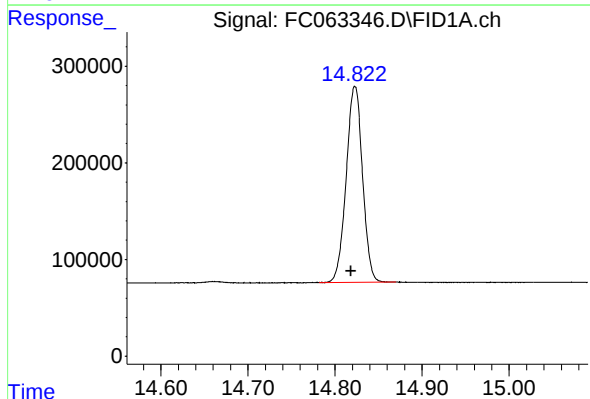
R.T.: 12.968 min
Delta R.T.: 0.001 min
Response: 2281994
Conc: 20.62 ug/ml



#13 n-Docosane (C22)

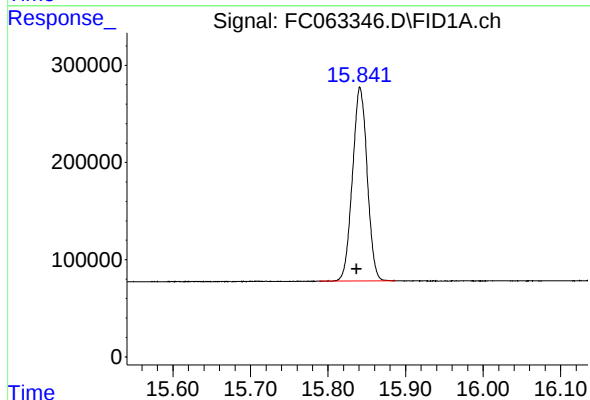
R.T.: 13.722 min
Delta R.T.: 0.003 min
Response: 2645563
Conc: 19.84 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



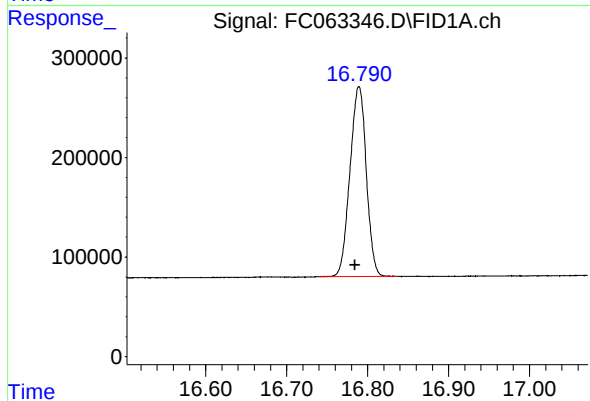
#14 n-Tetracosane (C24)

R.T.: 14.823 min
Delta R.T.: 0.005 min
Response: 2643303
Conc: 19.66 ug/ml



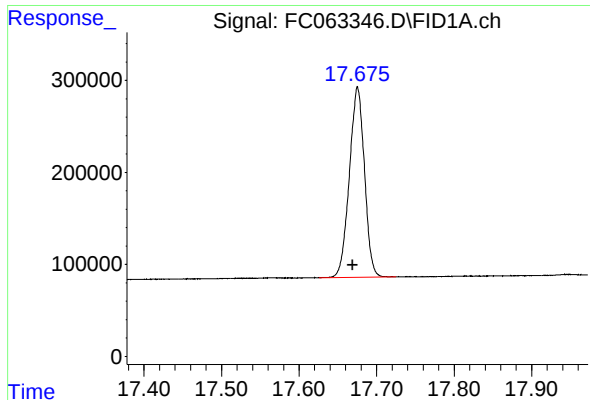
#15 n-Hexacosane (C26)

R.T.: 15.841 min
Delta R.T.: 0.004 min
Response: 2630106
Conc: 19.65 ug/ml



#16 n-Octacosane (C28)

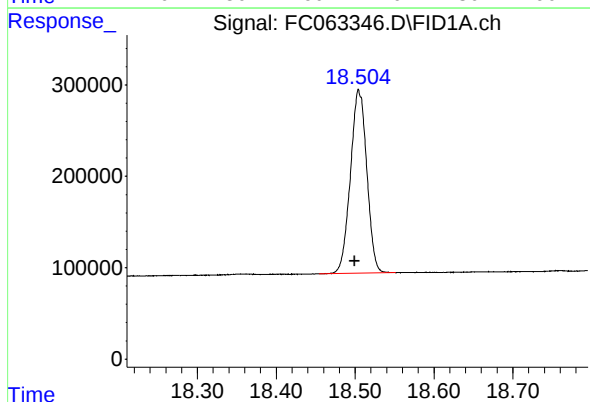
R.T.: 16.789 min
Delta R.T.: 0.005 min
Response: 2676056
Conc: 19.76 ug/ml



#17 n-Tricontane (C30)

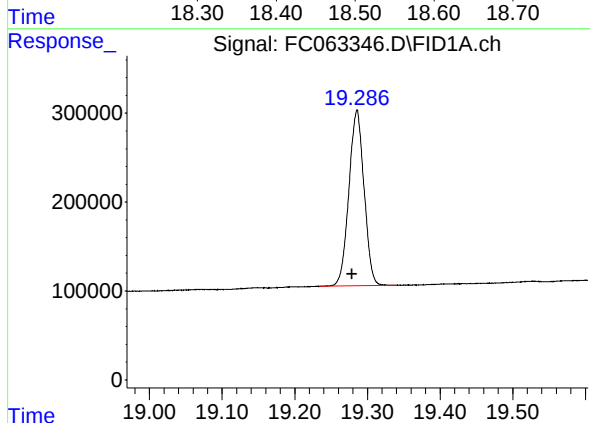
R.T.: 17.676 min
Delta R.T.: 0.006 min
Response: 2795328
Conc: 20.21 ug/ml

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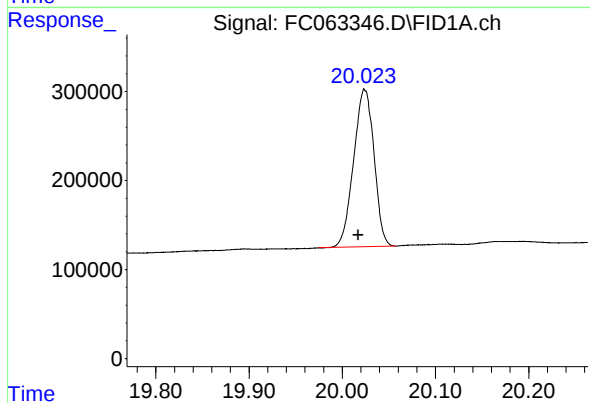
#18 n-Dotriacontane (C32)

R.T.: 18.505 min
Delta R.T.: 0.005 min
Response: 2895162
Conc: 20.51 ug/ml



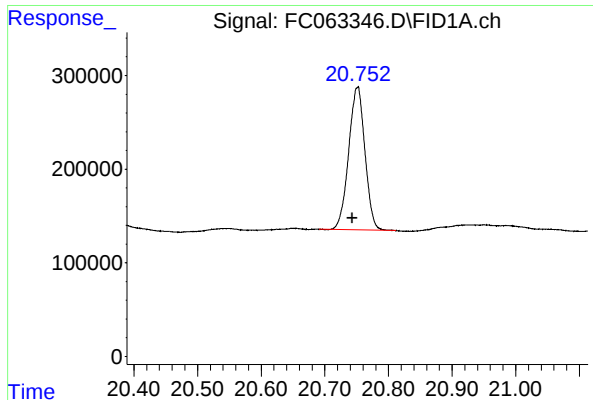
#19 n-Tetatriacontane (C34)

R.T.: 19.286 min
Delta R.T.: 0.007 min
Response: 2864325
Conc: 20.76 ug/ml



#20 n-Hexatriacontane (C36)

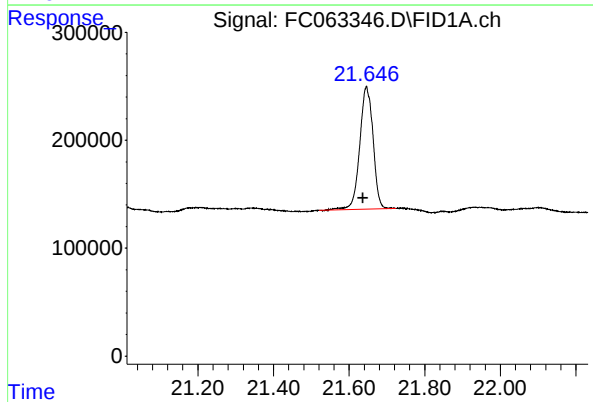
R.T.: 20.024 min
Delta R.T.: 0.007 min
Response: 2687913
Conc: 21.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.752 min
Delta R.T.: 0.008 min
Response: 2714915
Conc: 22.05 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.646 min
Delta R.T.: 0.009 min
Response: 2777732
Conc: 23.60 ug/ml