

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051923AL\
 Data File : FC063664.D
 Signal(s) : FID1A.ch
 Acq On : 20 May 2023 15:04
 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: May 21 01:52:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:15:25 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)	11.534	3766648	20.104 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
12) S 1-chlorooctadecane (S...	12.969	2685972	20.512 ug/ml
Spiked Amount 50.000		Recovery =	41.02%
Target Compounds			
1) T n-Nonane (C9)	3.313	3260468	20.365 ug/ml
2) T n-Decane (C10)	4.376	3311596	20.465 ug/ml
3) T A~Naphthalene (C11.7)	5.958	3475644	20.471 ug/ml
4) T n-Dodecane (C12)	6.392	3309993	20.334 ug/ml
5) T A~2-methylnaphthalene...	7.014	3319448	20.523 ug/ml
6) T n-Tetradecane (C14)	8.184	3222330	20.403 ug/ml
7) T n-Hexadecane (C16)	9.782	3267462	20.367 ug/ml
8) T n-Octadecane (C18)	11.221	3283601	20.502 ug/ml
10) T n-Eicosane (C20)	12.525	3104923	20.466 ug/ml
11) T n-Heneicosane (C21)	13.137	3026946	20.655 ug/ml
13) T n-Docosane (C22)	13.721	2977469	20.634 ug/ml
14) T n-Tetracosane (C24)	14.822	2923340	20.782 ug/ml
15) T n-Hexacosane (C26)	15.839	2844088	20.825 ug/ml
16) T n-Octacosane (C28)	16.785	2805017	21.207 ug/ml
17) T n-Tricontane (C30)	17.672	2934529	21.824 ug/ml
18) T n-Dotriacontane (C32)	18.500	2921969	21.884 ug/ml
19) T n-Tetratriacontane (C34)	19.279	2830933	21.808 ug/ml
20) T n-Hexatriacontane (C36)	20.016	2700268	21.805 ug/ml
21) T n-Octatriacontane (C38)	20.742	2665003	21.328 ug/ml
22) T n-Tetracontane (C40)	21.634	2632468	21.414 ug/ml

(f)=RT Delta > 1/2 Window

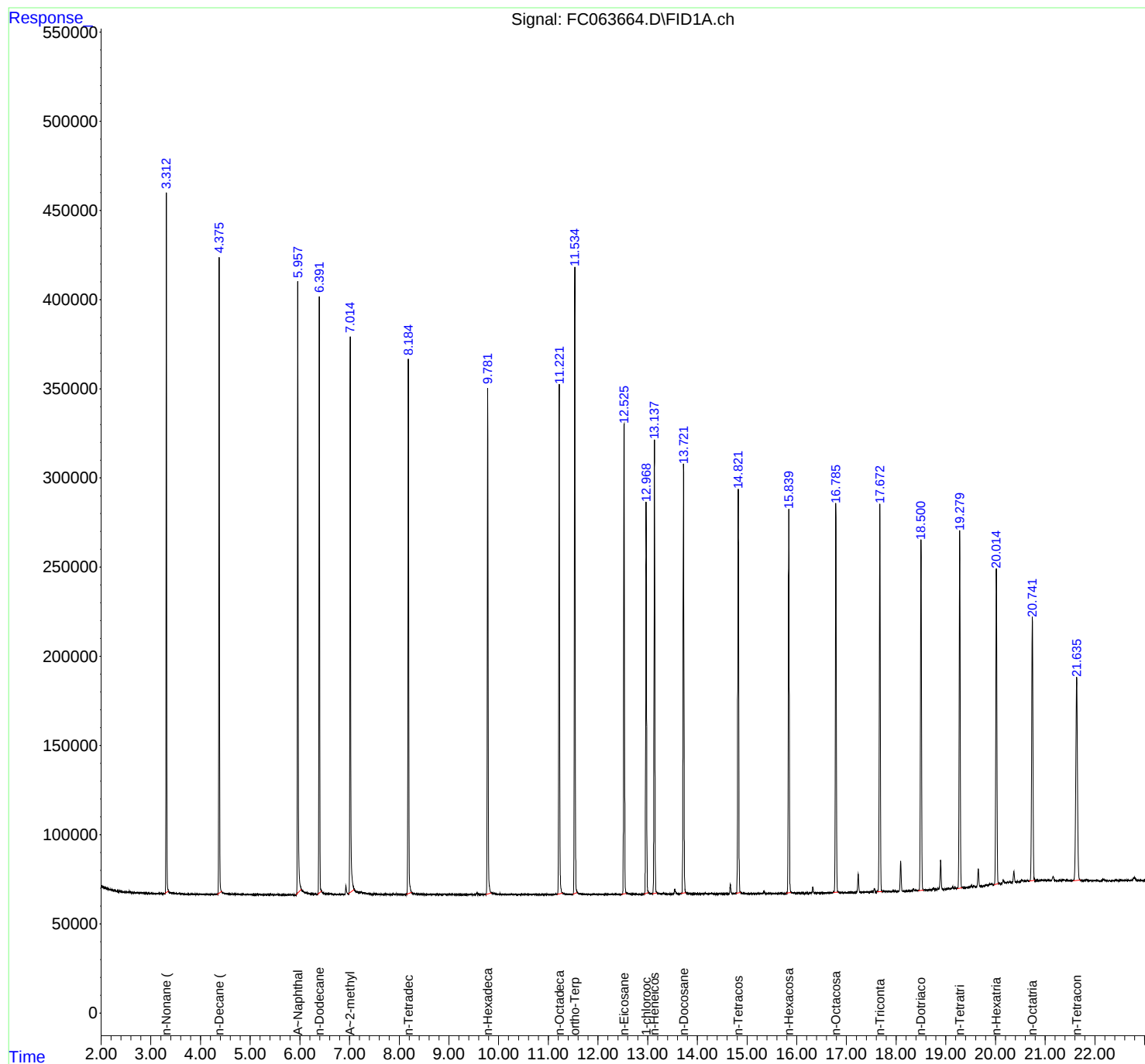
(m)=manual int.

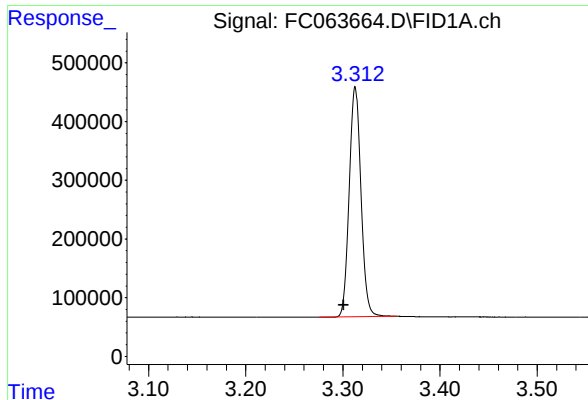
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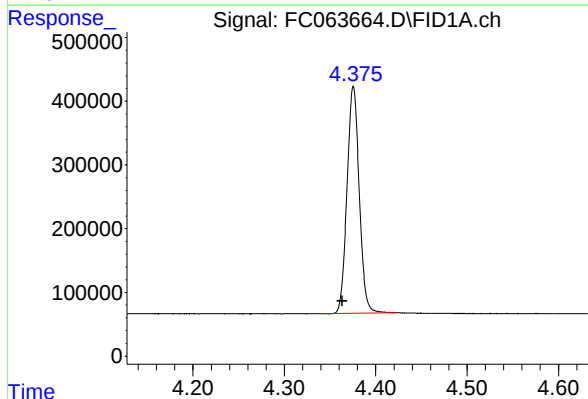




#1 n-Nonane (C9)

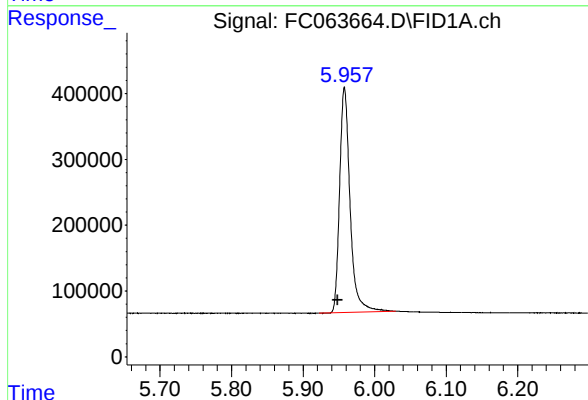
R.T.: 3.313 min
Delta R.T.: 0.012 min
Response: 3260468
Conc: 20.36 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



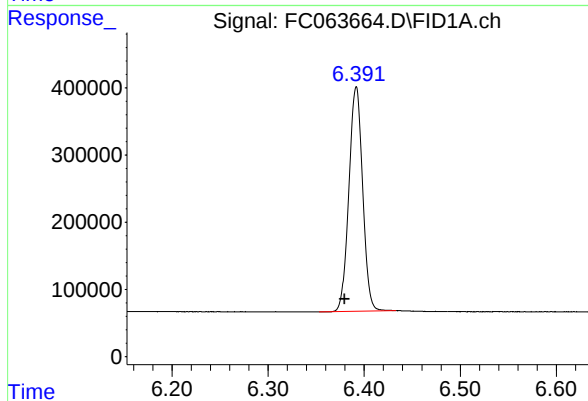
#2 n-Decane (C10)

R.T.: 4.376 min
Delta R.T.: 0.012 min
Response: 3311596
Conc: 20.47 ug/ml



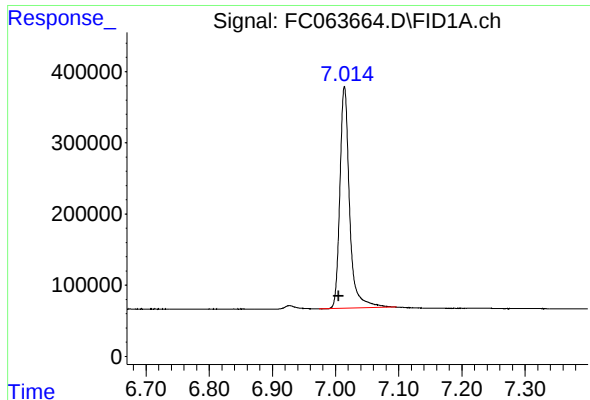
#3 A~Naphthalene (C11.7)

R.T.: 5.958 min
Delta R.T.: 0.010 min
Response: 3475644
Conc: 20.47 ug/ml



#4 n-Dodecane (C12)

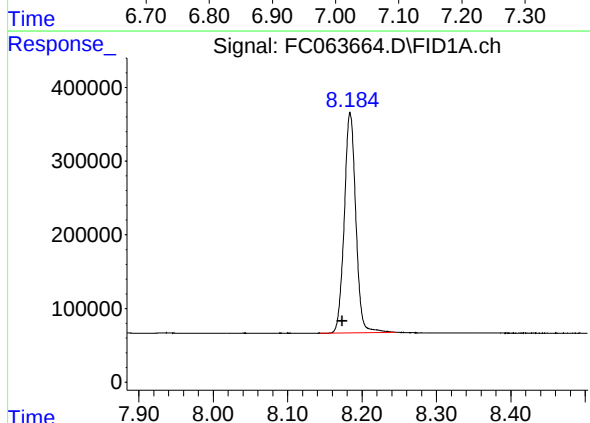
R.T.: 6.392 min
Delta R.T.: 0.012 min
Response: 3309993
Conc: 20.33 ug/ml



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

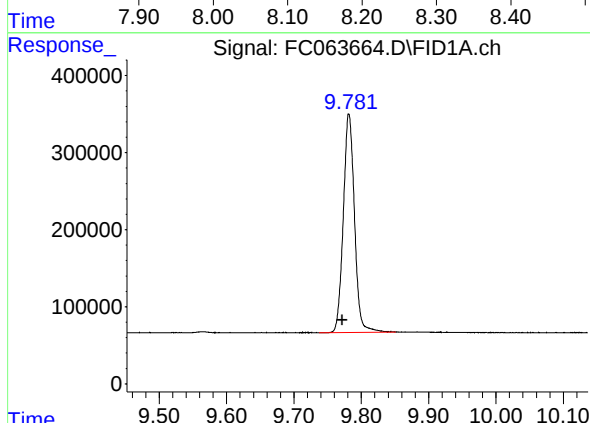
R.T.: 7.014 min
Delta R.T.: 0.009 min
Response: 3319448
Conc: 20.52 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



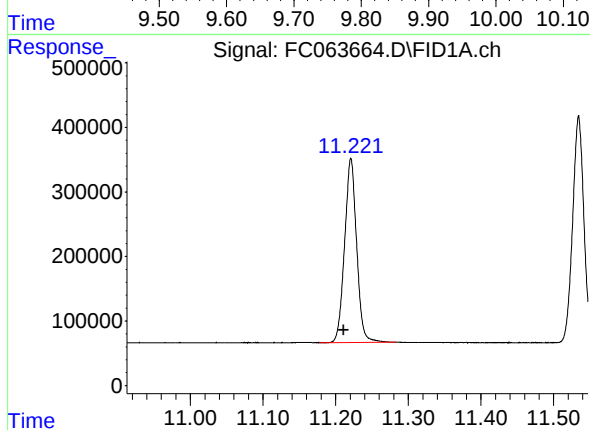
#6 n-Tetradecane (C14)

R.T.: 8.184 min
Delta R.T.: 0.011 min
Response: 3222330
Conc: 20.40 ug/ml



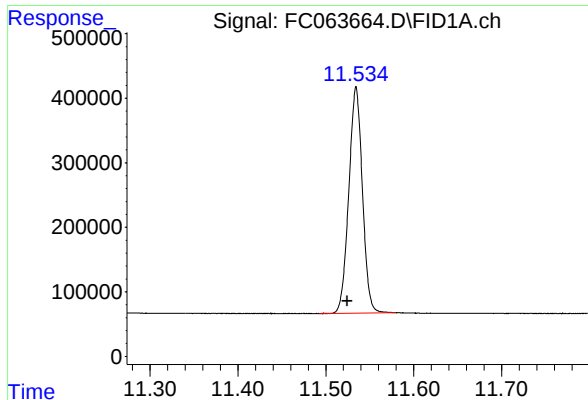
#7 n-Hexadecane (C16)

R.T.: 9.782 min
Delta R.T.: 0.009 min
Response: 3267462
Conc: 20.37 ug/ml



#8 n-Octadecane (C18)

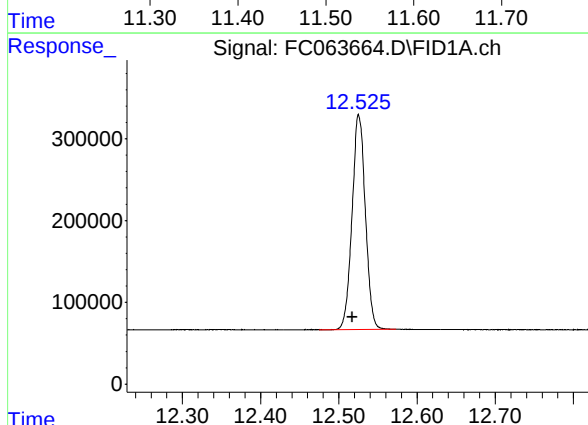
R.T.: 11.221 min
Delta R.T.: 0.010 min
Response: 3283601
Conc: 20.50 ug/ml



#9 ortho-Terphenyl (SURR)

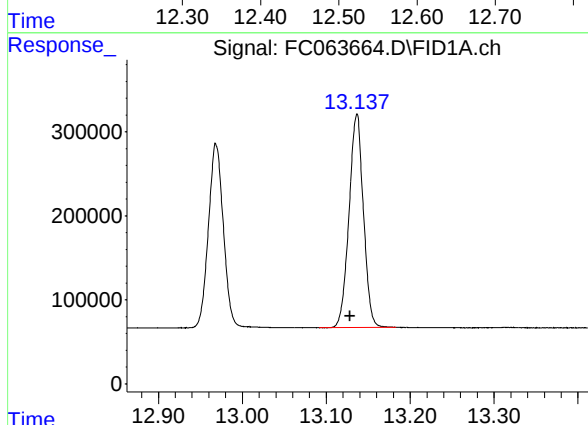
R.T.: 11.534 min
Delta R.T.: 0.010 min
Response: 3766648
Conc: 20.10 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



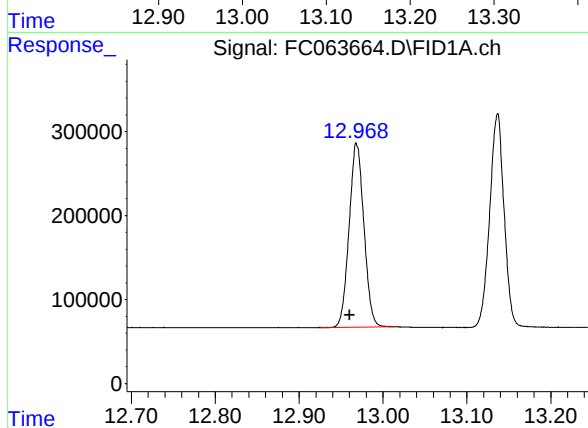
#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: 0.008 min
Response: 3104923
Conc: 20.47 ug/ml



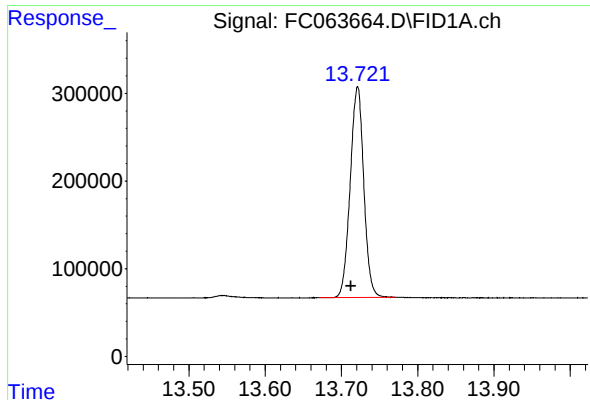
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: 0.008 min
Response: 3026946
Conc: 20.66 ug/ml



#12 1-chlorooctadecane (SURR)

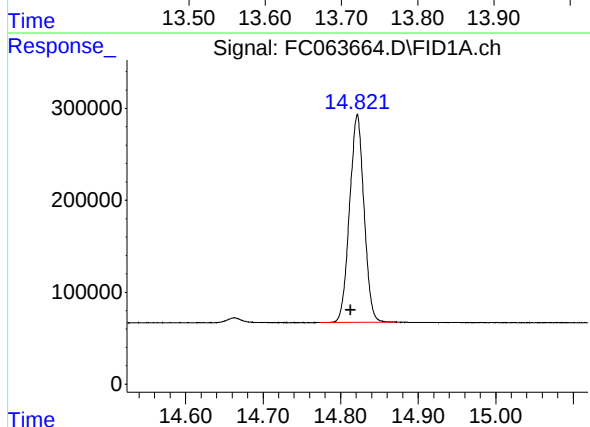
R.T.: 12.969 min
Delta R.T.: 0.008 min
Response: 2685972
Conc: 20.51 ug/ml



#13 n-Docosane (C22)

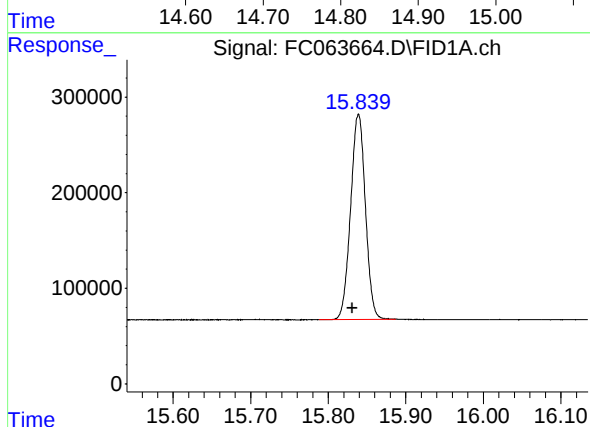
R.T.: 13.721 min
Delta R.T.: 0.009 min
Response: 2977469
Conc: 20.63 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



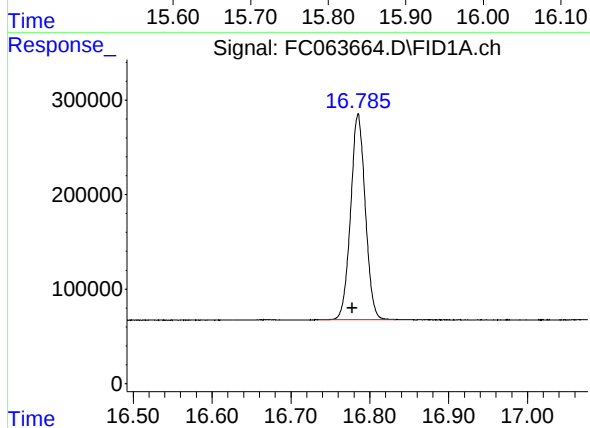
#14 n-Tetracosane (C24)

R.T.: 14.822 min
Delta R.T.: 0.008 min
Response: 2923340
Conc: 20.78 ug/ml



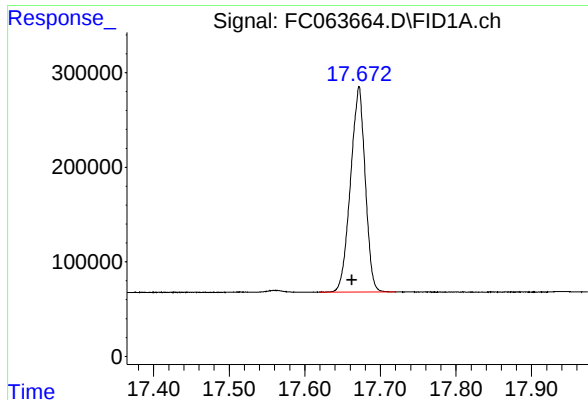
#15 n-Hexacosane (C26)

R.T.: 15.839 min
Delta R.T.: 0.008 min
Response: 2844088
Conc: 20.83 ug/ml



#16 n-Octacosane (C28)

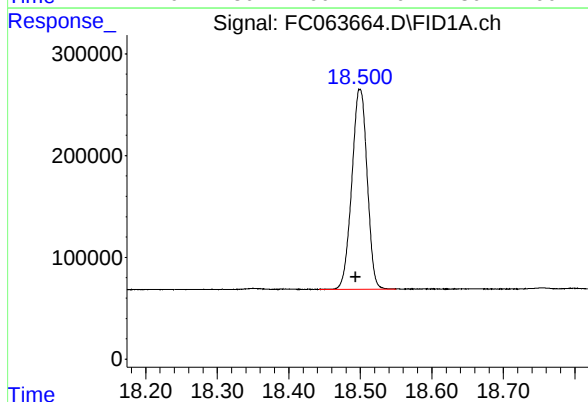
R.T.: 16.785 min
Delta R.T.: 0.007 min
Response: 2805017
Conc: 21.21 ug/ml



#17 n-Tricontane (C30)

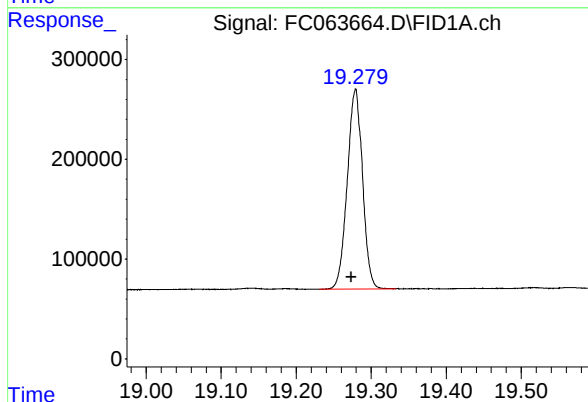
R.T.: 17.672 min
Delta R.T.: 0.009 min
Response: 2934529
Conc: 21.82 ug/ml

Instrument :
FID_C
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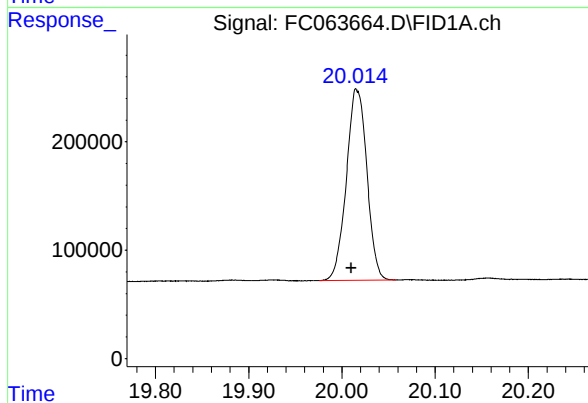
#18 n-Dotriacontane (C32)

R.T.: 18.500 min
Delta R.T.: 0.006 min
Response: 2921969
Conc: 21.88 ug/ml



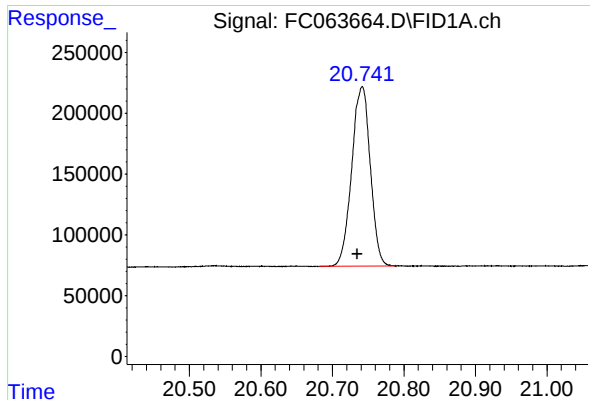
#19 n-Tetatriacontane (C34)

R.T.: 19.279 min
Delta R.T.: 0.005 min
Response: 2830933
Conc: 21.81 ug/ml



#20 n-Hexatriacontane (C36)

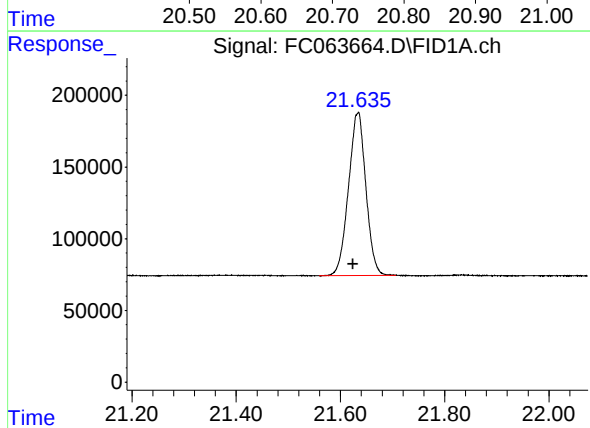
R.T.: 20.016 min
Delta R.T.: 0.006 min
Response: 2700268
Conc: 21.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.742 min
Delta R.T.: 0.007 min
Response: 2665003
Conc: 21.33 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.634 min
Delta R.T.: 0.010 min
Response: 2632468
Conc: 21.41 ug/ml