

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041323AL\
 Data File : FC063361.D
 Signal(s) : FID1A.ch
 Acq On : 13 Apr 2023 09:11
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 14 01:33:51 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)	11.528	2636685	17.330 ug/ml
Spiked Amount 50.000		Recovery =	34.66%
12) S 1-chlorooctadecane (S...	12.965	1978805	17.884 ug/ml
Spiked Amount 50.000		Recovery =	35.77%
Target Compounds			
1) T n-Nonane (C9)	3.298	2521408	17.959 ug/ml
2) T n-Decane (C10)	4.363	2562937	18.808 ug/ml
3) T A~Naphthalene (C11.7)	5.945	2667392	17.665 ug/ml
4) T n-Dodecane (C12)	6.380	2550831	18.962 ug/ml
5) T A~2-methylnaphthalene...	7.001	2597933	18.652 ug/ml
6) T n-Tetradecane (C14)	8.173	2483908	18.348 ug/ml
7) T n-Hexadecane (C16)	9.774	2481806	18.276 ug/ml
8) T n-Octadecane (C18)	11.215	2519052	18.186 ug/ml
10) T n-Eicosane (C20)	12.522	2490642	18.538 ug/ml
11) T n-Heneicosane (C21)	13.133	2475235	18.391 ug/ml
13) T n-Docosane (C22)	13.718	2456121	18.418 ug/ml
14) T n-Tetracosane (C24)	14.818	2437200	18.127 ug/ml
15) T n-Hexacosane (C26)	15.838	2440471	18.232 ug/ml
16) T n-Octacosane (C28)	16.785	2511726	18.550 ug/ml
17) T n-Tricontane (C30)	17.670	2778790	20.088 ug/ml
18) T n-Dotriacontane (C32)	18.502	2927833	20.739 ug/ml
19) T n-Tetratriacontane (C34)	19.282	2751420	19.937 ug/ml
20) T n-Hexatriacontane (C36)	20.021	2616440	20.470 ug/ml
21) T n-Octatriacontane (C38)	20.747	2436353	19.787 ug/ml
22) T n-Tetracontane (C40)	21.641	2321072	19.724 ug/ml

(f)=RT Delta > 1/2 Window

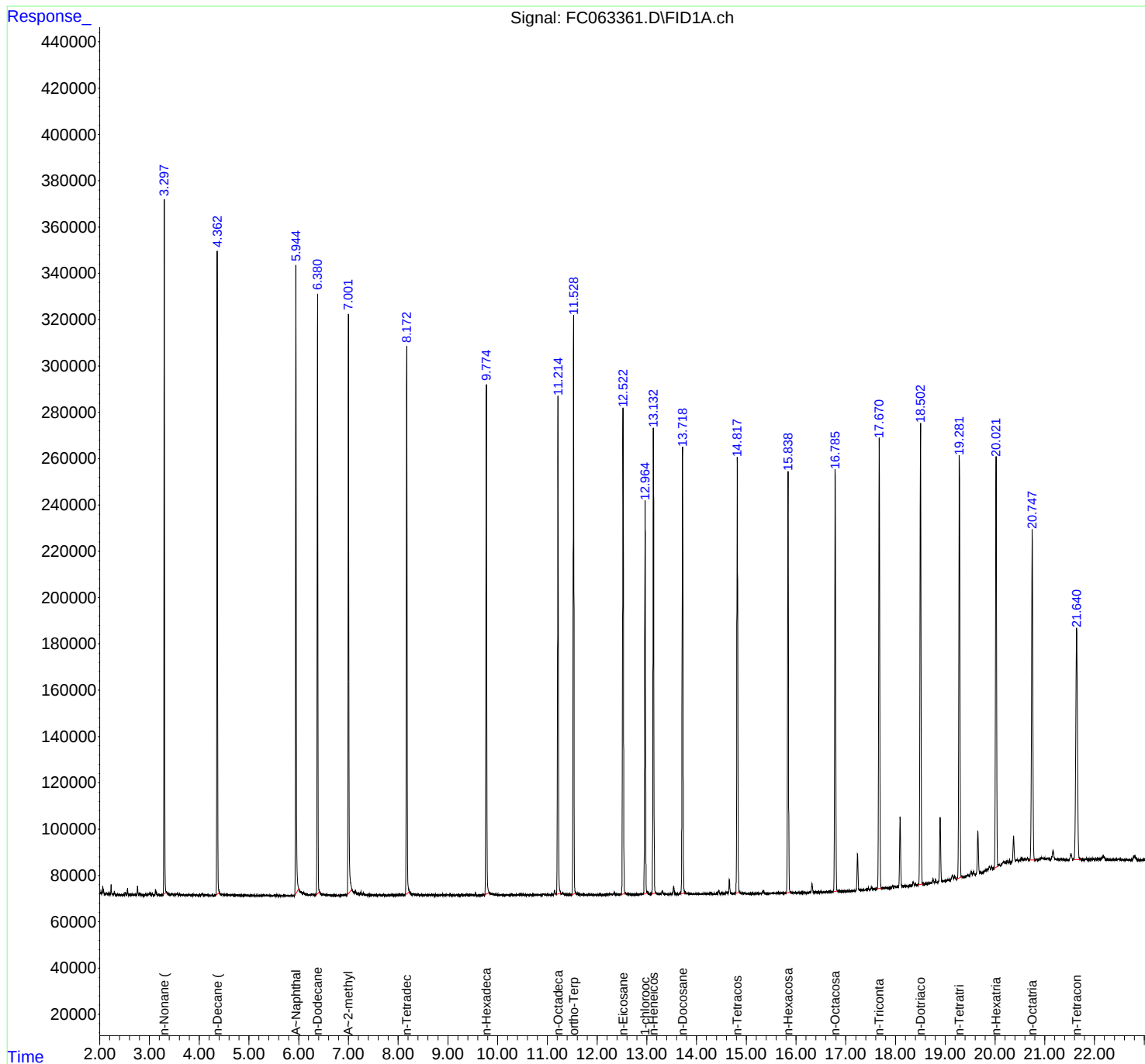
(m)=manual int.

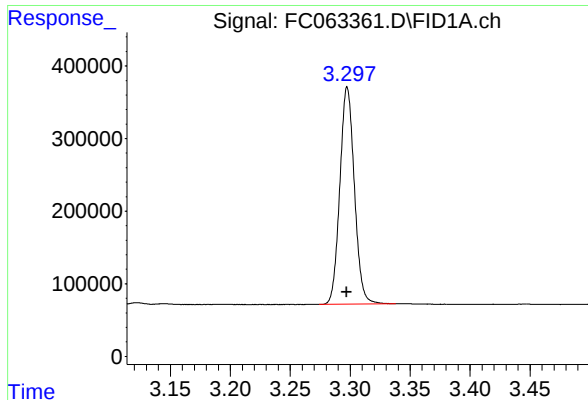
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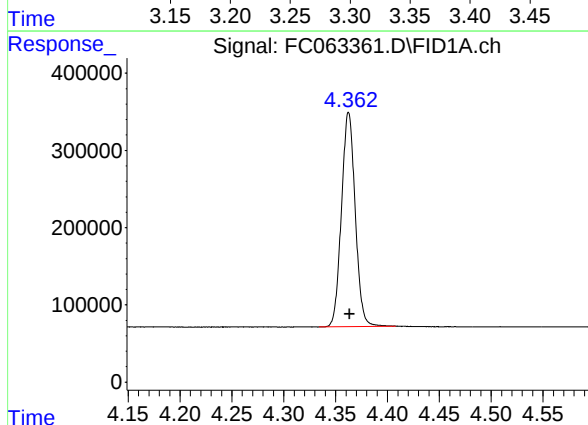




#1 n-Nonane (C9)

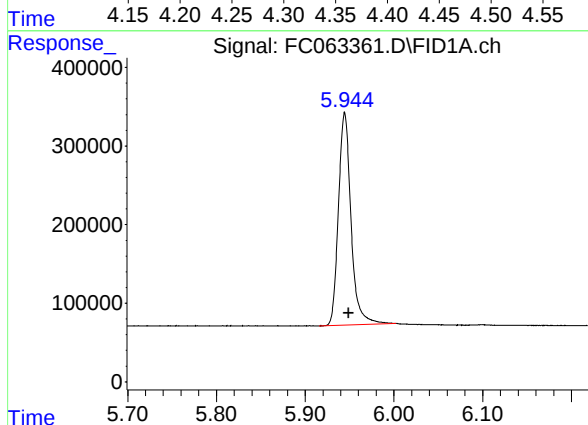
R.T.: 3.298 min
Delta R.T.: 0.000 min
Response: 2521408
Conc: 17.96 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



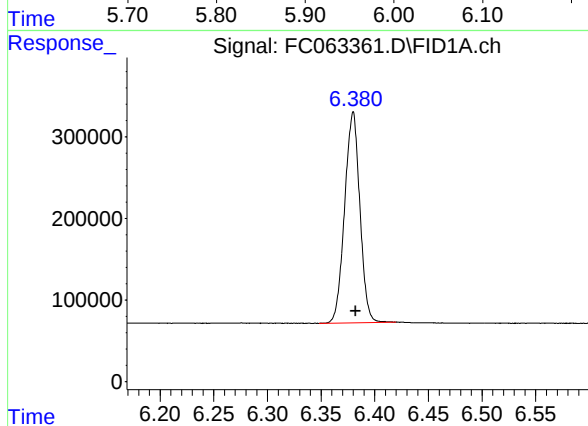
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: -0.001 min
Response: 2562937
Conc: 18.81 ug/ml



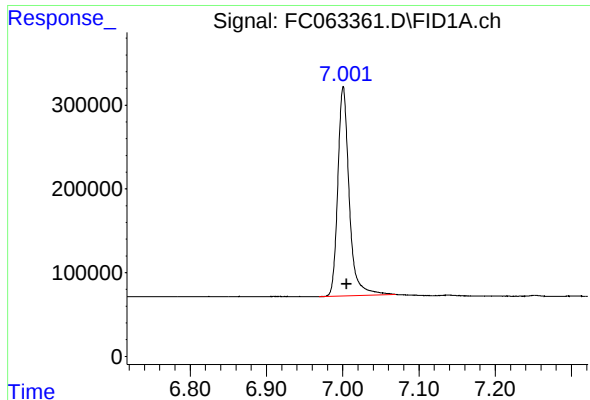
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.004 min
Response: 2667392
Conc: 17.66 ug/ml



#4 n-Dodecane (C12)

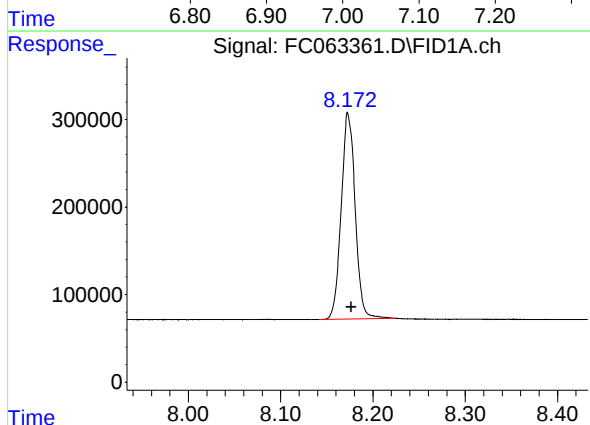
R.T.: 6.380 min
Delta R.T.: -0.002 min
Response: 2550831
Conc: 18.96 ug/ml



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

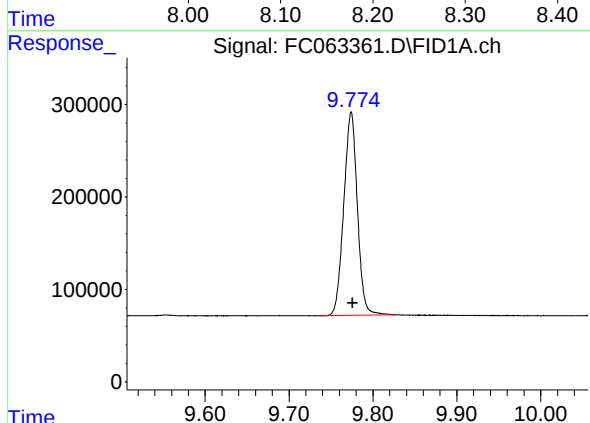
R.T.: 7.001 min
Delta R.T.: -0.004 min
Response: 2597933
Conc: 18.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



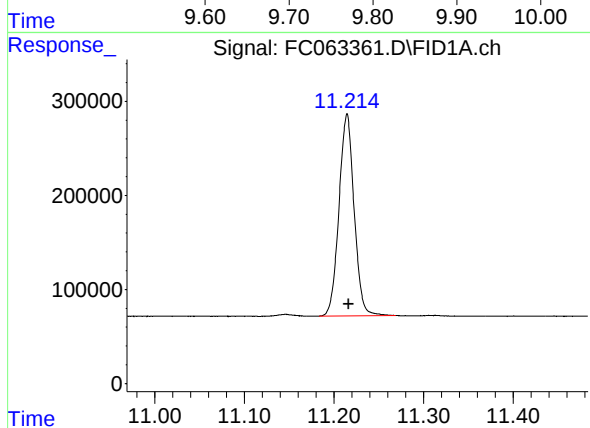
#6 n-Tetradecane (C14)

R.T.: 8.173 min
Delta R.T.: -0.003 min
Response: 2483908
Conc: 18.35 ug/ml



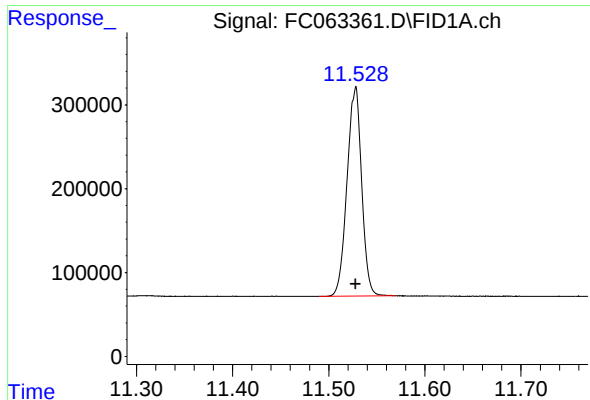
#7 n-Hexadecane (C16)

R.T.: 9.774 min
Delta R.T.: -0.002 min
Response: 2481806
Conc: 18.28 ug/ml



#8 n-Octadecane (C18)

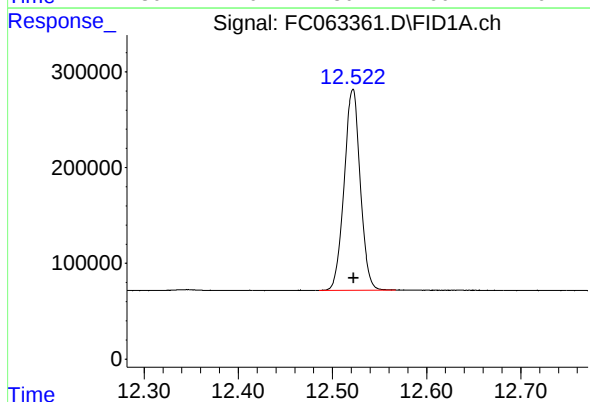
R.T.: 11.215 min
Delta R.T.: -0.002 min
Response: 2519052
Conc: 18.19 ug/ml



#9 ortho-Terphenyl (SURR)

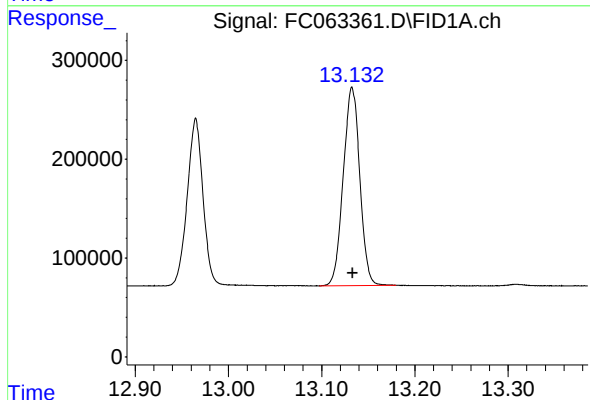
R.T.: 11.528 min
Delta R.T.: 0.000 min
Response: 2636685
Conc: 17.33 ug/ml

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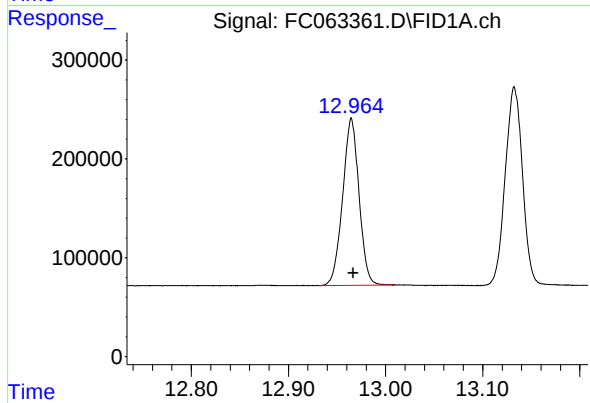
#10 n-Eicosane (C20)

R.T.: 12.522 min
Delta R.T.: 0.000 min
Response: 2490642
Conc: 18.54 ug/ml



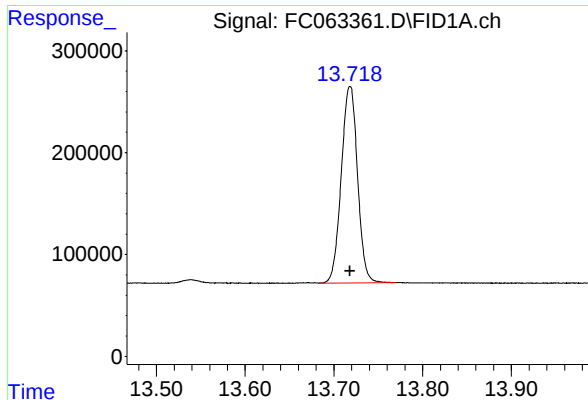
#11 n-Heneicosane (C21)

R.T.: 13.133 min
Delta R.T.: 0.000 min
Response: 2475235
Conc: 18.39 ug/ml



#12 1-chlorooctadecane (SURR)

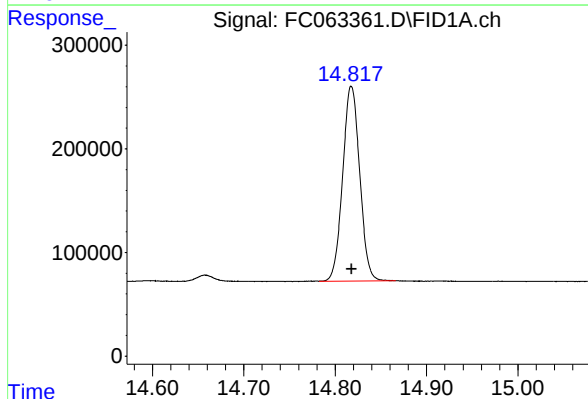
R.T.: 12.965 min
Delta R.T.: -0.002 min
Response: 1978805
Conc: 17.88 ug/ml



#13 n-Docosane (C22)

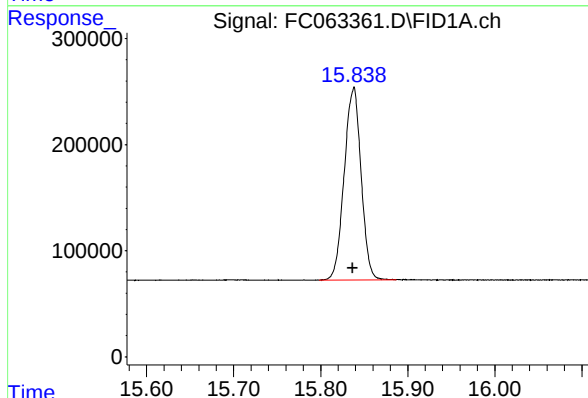
R.T.: 13.718 min
Delta R.T.: 0.000 min
Response: 2456121
Conc: 18.42 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



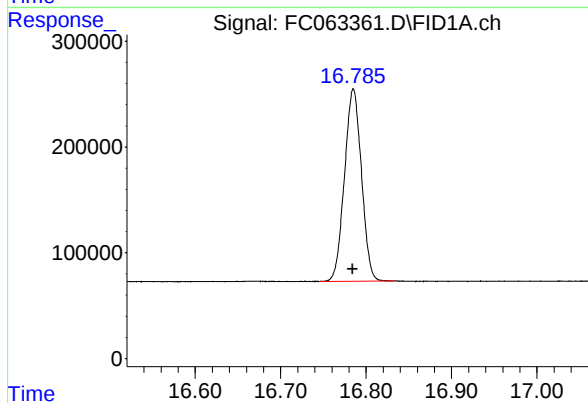
#14 n-Tetracosane (C24)

R.T.: 14.818 min
Delta R.T.: 0.000 min
Response: 2437200
Conc: 18.13 ug/ml



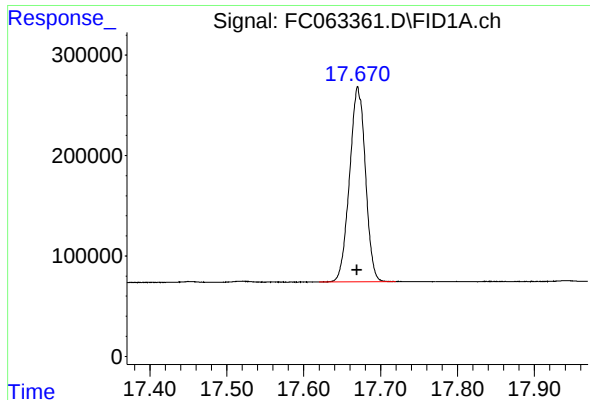
#15 n-Hexacosane (C26)

R.T.: 15.838 min
Delta R.T.: 0.001 min
Response: 2440471
Conc: 18.23 ug/ml



#16 n-Octacosane (C28)

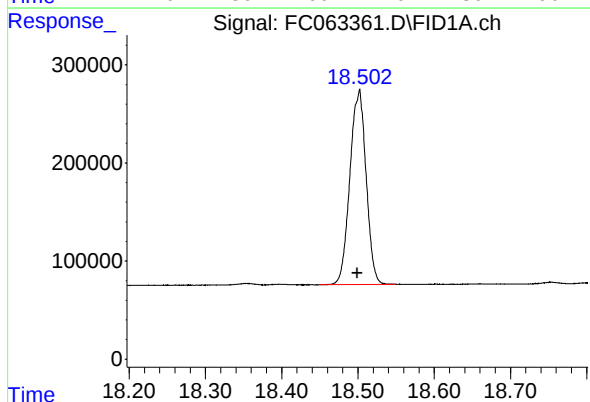
R.T.: 16.785 min
Delta R.T.: 0.000 min
Response: 2511726
Conc: 18.55 ug/ml



#17 n-Tricontane (C30)

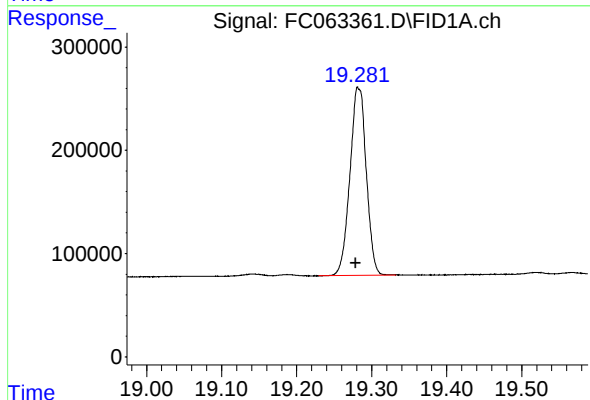
R.T.: 17.670 min
Delta R.T.: 0.000 min
Response: 2778790
Conc: 20.09 ug/ml

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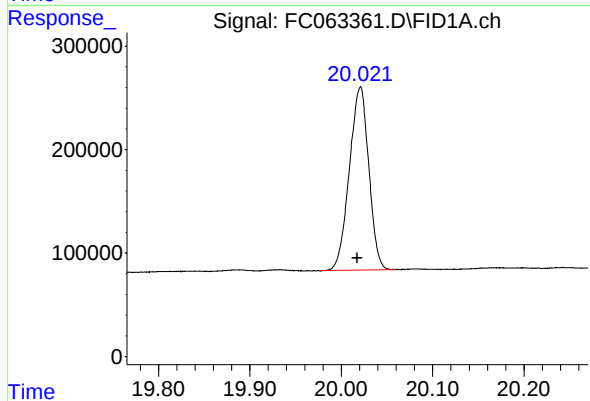
#18 n-Dotriacontane (C32)

R.T.: 18.502 min
Delta R.T.: 0.003 min
Response: 2927833
Conc: 20.74 ug/ml



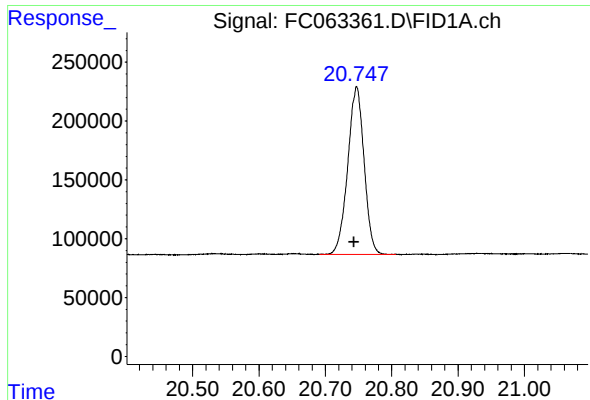
#19 n-Tetatriacontane (C34)

R.T.: 19.282 min
Delta R.T.: 0.003 min
Response: 2751420
Conc: 19.94 ug/ml



#20 n-Hexatriacontane (C36)

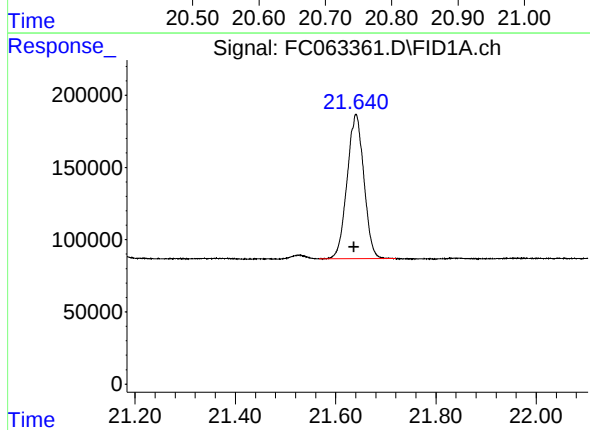
R.T.: 20.021 min
Delta R.T.: 0.004 min
Response: 2616440
Conc: 20.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.747 min
Delta R.T.: 0.004 min
Response: 2436353
Conc: 19.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.641 min
Delta R.T.: 0.004 min
Response: 2321072
Conc: 19.72 ug/ml