

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060923AL\
 Data File : FC063800.D
 Signal(s) : FID1A.ch
 Acq On : 09 Jun 2023 07:46
 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: Jun 10 01:06:46 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)	11.534	3315507	18.169 ug/ml
Spiked Amount 50.000		Recovery =	36.34%
12) S 1-chlorooctadecane (S...	12.968	2396136	18.753 ug/ml
Spiked Amount 50.000		Recovery =	37.51%
Target Compounds			
1) T n-Nonane (C9)	3.311	2901566	18.205 ug/ml
2) T n-Decane (C10)	4.375	3042597	18.822 ug/ml
3) T A~Naphthalene (C11.7)	5.957	3124607	17.986 ug/ml
4) T n-Dodecane (C12)	6.391	3026938	18.512 ug/ml
5) T A~2-methylnaphthalene...	7.013	2987303	18.235 ug/ml
6) T n-Tetradecane (C14)	8.183	2929994	18.630 ug/ml
7) T n-Hexadecane (C16)	9.781	2959768	18.598 ug/ml
8) T n-Octadecane (C18)	11.220	2951561	18.654 ug/ml
10) T n-Eicosane (C20)	12.525	2798626	18.923 ug/ml
11) T n-Heneicosane (C21)	13.136	2717377	18.878 ug/ml
13) T n-Docosane (C22)	13.721	2715456	19.276 ug/ml
14) T n-Tetracosane (C24)	14.819	2655478	19.352 ug/ml
15) T n-Hexacosane (C26)	15.837	2637340	19.890 ug/ml
16) T n-Octacosane (C28)	16.783	2660029	20.949 ug/ml
17) T n-Tricontane (C30)	17.670	2889300	22.614 ug/ml
18) T n-Dotriacontane (C32)	18.500	2935790	23.593 ug/ml
19) T n-Tetratriacontane (C34)	19.279	2796721	22.683 ug/ml
20) T n-Hexatriacontane (C36)	20.018	2647171	22.056 ug/ml
21) T n-Octatriacontane (C38)	20.743	2580003	21.370 ug/ml
22) T n-Tetracontane (C40)	21.639	2514461	20.752 ug/ml

(f)=RT Delta > 1/2 Window

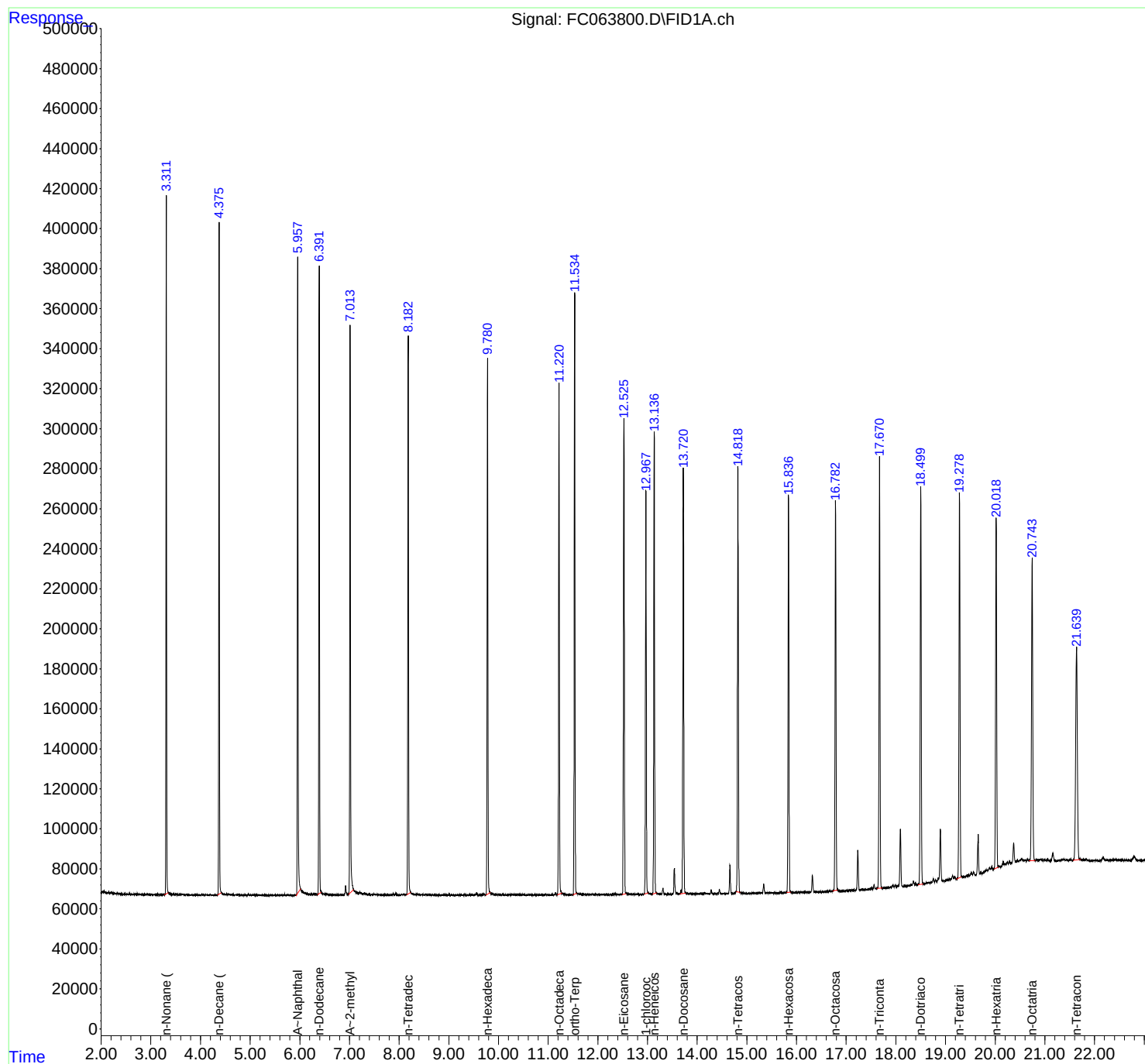
(m)=manual int.

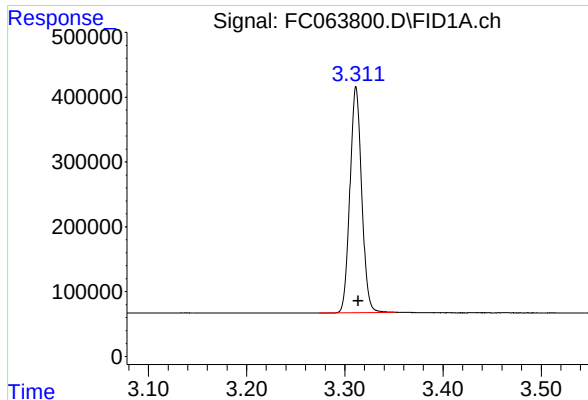
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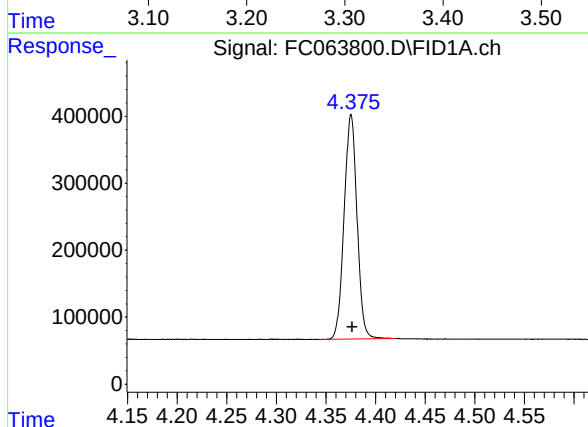




#1 n-Nonane (C9)

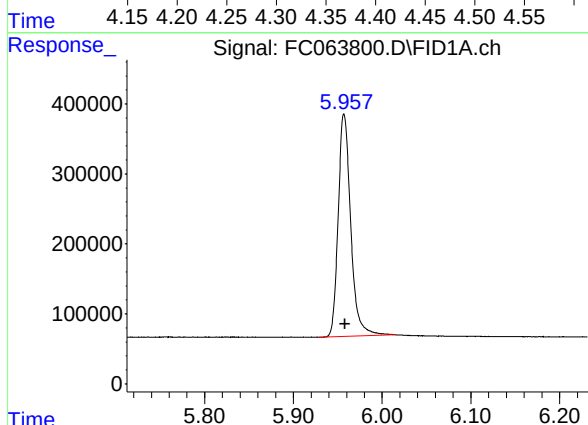
R.T.: 3.311 min
Delta R.T.: -0.003 min
Response: 2901566
Conc: 18.21 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



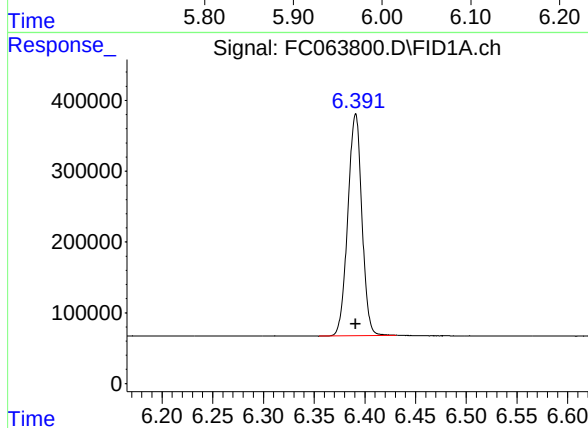
#2 n-Decane (C10)

R.T.: 4.375 min
Delta R.T.: -0.001 min
Response: 3042597
Conc: 18.82 ug/ml



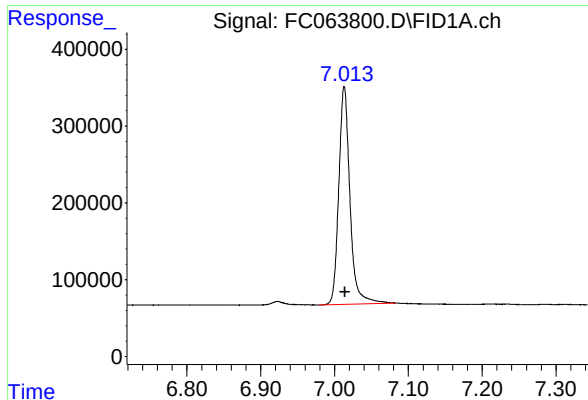
#3 A~Naphthalene (C11.7)

R.T.: 5.957 min
Delta R.T.: -0.001 min
Response: 3124607
Conc: 17.99 ug/ml



#4 n-Dodecane (C12)

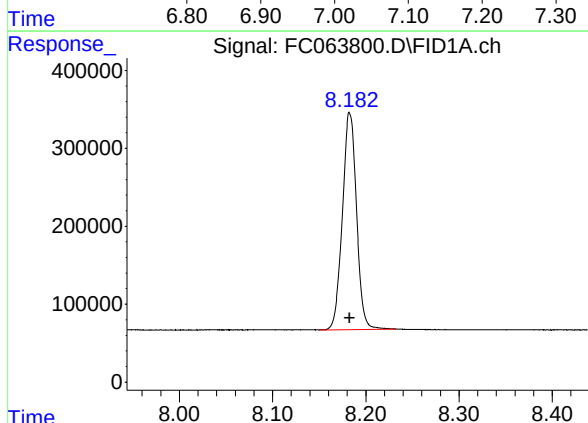
R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 3026938
Conc: 18.51 ug/ml



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

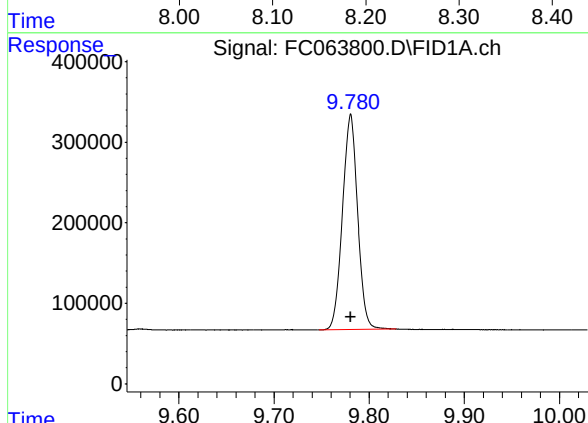
R.T.: 7.013 min
Delta R.T.: -0.001 min
Response: 2987303
Conc: 18.24 ug/ml

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20 PPM ALIPHATIC HC STD



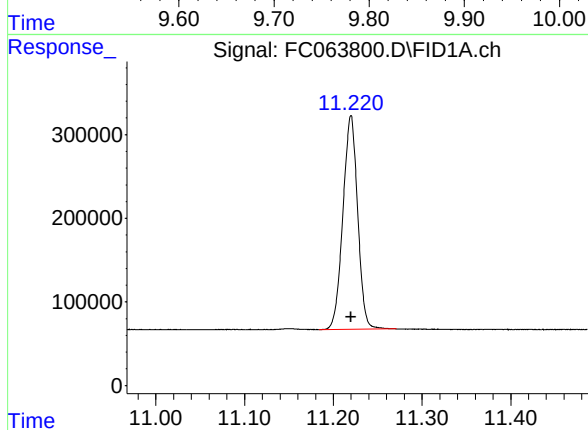
#6 n-Tetradecane (C14)

R.T.: 8.183 min
Delta R.T.: 0.000 min
Response: 2929994
Conc: 18.63 ug/ml



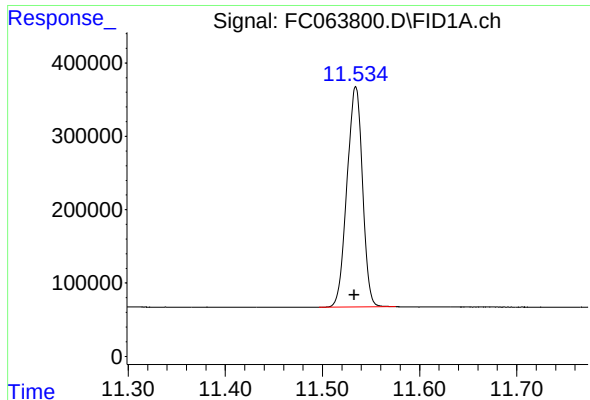
#7 n-Hexadecane (C16)

R.T.: 9.781 min
Delta R.T.: 0.000 min
Response: 2959768
Conc: 18.60 ug/ml



#8 n-Octadecane (C18)

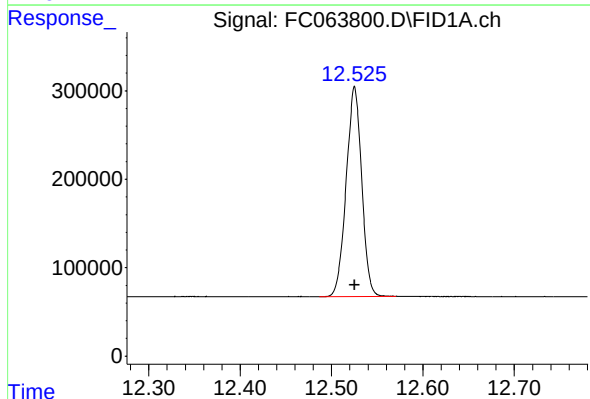
R.T.: 11.220 min
Delta R.T.: 0.000 min
Response: 2951561
Conc: 18.65 ug/ml



#9 ortho-Terphenyl (SURR)

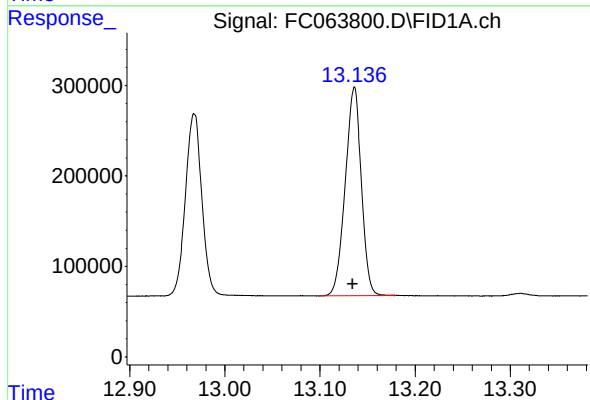
R.T.: 11.534 min
Delta R.T.: 0.002 min
Response: 3315507
Conc: 18.17 ug/ml

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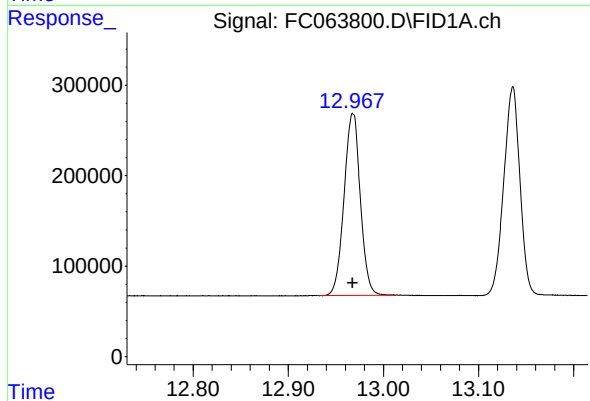
#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: 0.000 min
Response: 2798626
Conc: 18.92 ug/ml



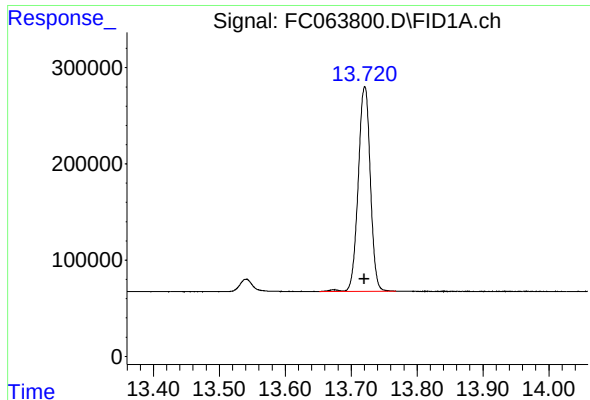
#11 n-Heneicosane (C21)

R.T.: 13.136 min
Delta R.T.: 0.002 min
Response: 2717377
Conc: 18.88 ug/ml



#12 1-chlorooctadecane (SURR)

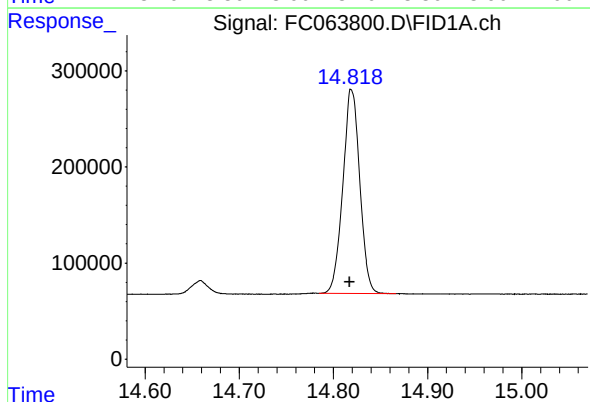
R.T.: 12.968 min
Delta R.T.: 0.000 min
Response: 2396136
Conc: 18.75 ug/ml



#13 n-Docosane (C22)

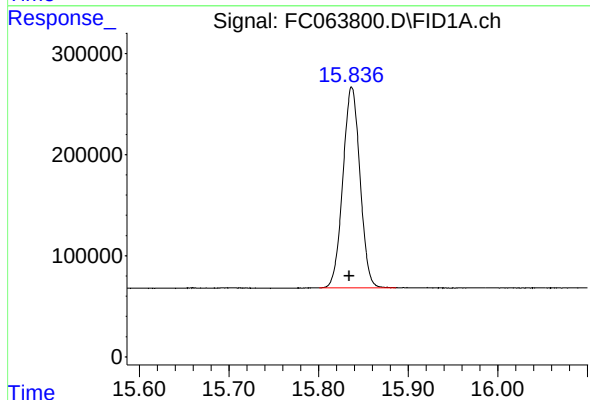
R.T.: 13.721 min
Delta R.T.: 0.001 min
Response: 2715456
Conc: 19.28 ug/ml

Instrument :
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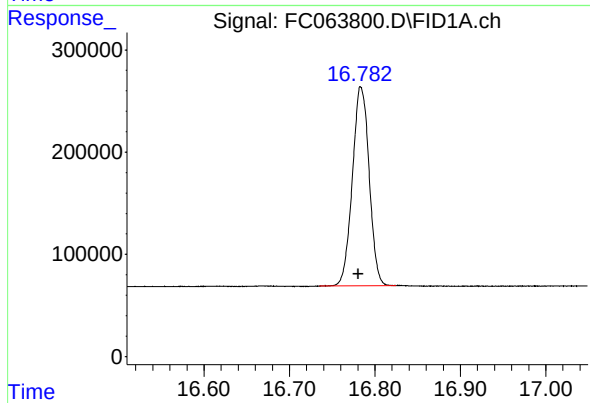
#14 n-Tetracosane (C24)

R.T.: 14.819 min
Delta R.T.: 0.002 min
Response: 2655478
Conc: 19.35 ug/ml



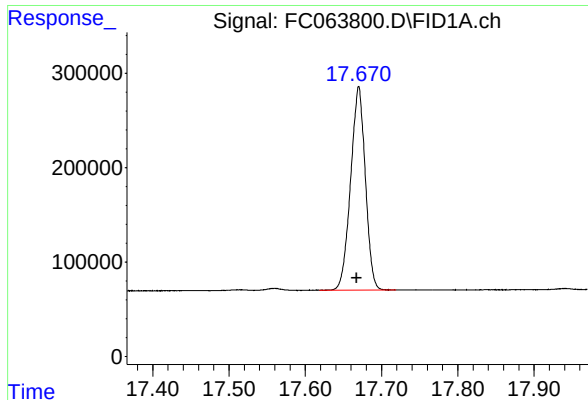
#15 n-Hexacosane (C26)

R.T.: 15.837 min
Delta R.T.: 0.003 min
Response: 2637340
Conc: 19.89 ug/ml



#16 n-Octacosane (C28)

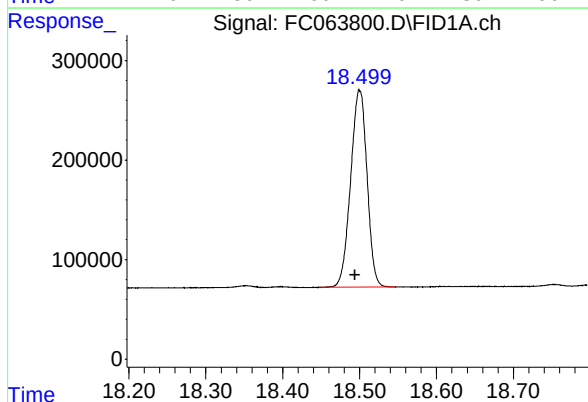
R.T.: 16.783 min
Delta R.T.: 0.003 min
Response: 2660029
Conc: 20.95 ug/ml



#17 n-Tricontane (C30)

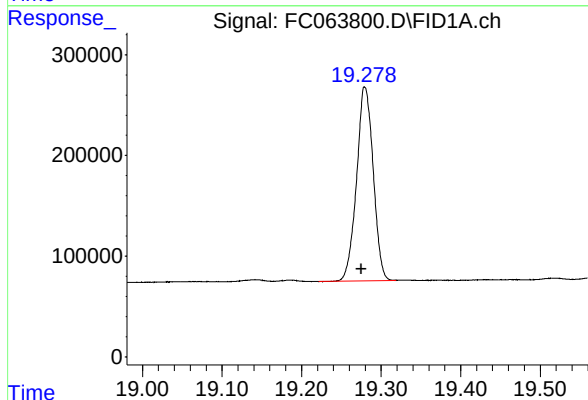
R.T.: 17.670 min
Delta R.T.: 0.003 min
Response: 2889300
Conc: 22.61 ug/ml

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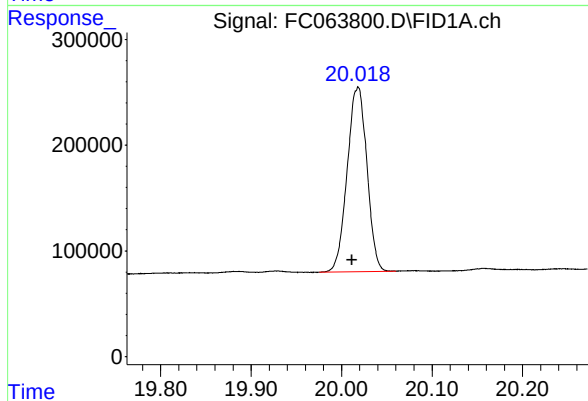
#18 n-Dotriacontane (C32)

R.T.: 18.500 min
Delta R.T.: 0.006 min
Response: 2935790
Conc: 23.59 ug/ml



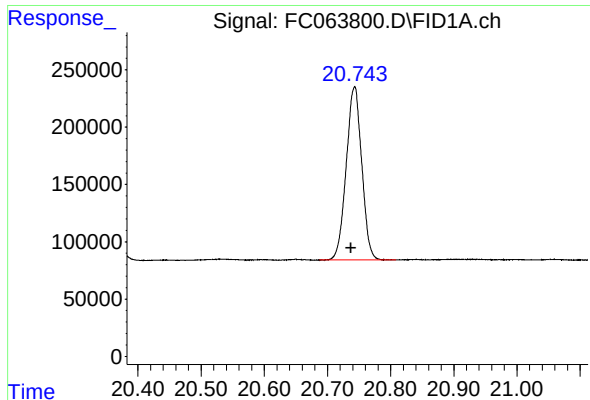
#19 n-Tetatriacontane (C34)

R.T.: 19.279 min
Delta R.T.: 0.004 min
Response: 2796721
Conc: 22.68 ug/ml



#20 n-Hexatriacontane (C36)

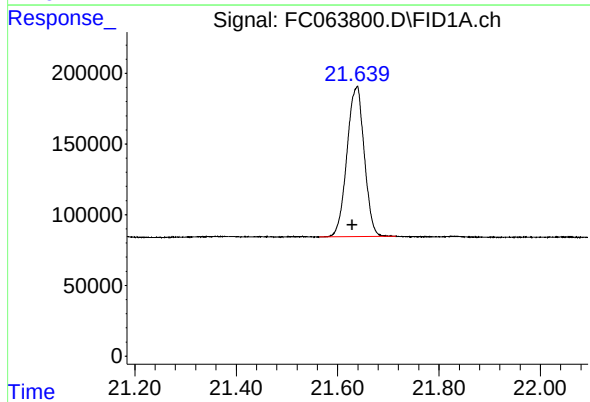
R.T.: 20.018 min
Delta R.T.: 0.007 min
Response: 2647171
Conc: 22.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.743 min
Delta R.T.: 0.005 min
Response: 2580003
Conc: 21.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.639 min
Delta R.T.: 0.009 min
Response: 2514461
Conc: 20.75 ug/ml