

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050423AL\
 Data File : FC063552.D
 Signal(s) : FID1A.ch
 Acq On : 04 May 2023 14:30
 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: May 05 02:10:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050223.M
 Quant Title : GC Extractables
 QLast Update : Wed May 03 00:33:18 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)	11.527	3385404	21.392 ug/ml
Spiked Amount 50.000		Recovery =	42.78%
12) S 1-chlorooctadecane (S...	12.963	2312548	21.413 ug/ml
Spiked Amount 50.000		Recovery =	42.83%
Target Compounds			
1) T n-Nonane (C9)	3.297	2789636	21.173 ug/ml
2) T n-Decane (C10)	4.363	2818055	21.239 ug/ml
3) T A~Naphthalene (C11.7)	5.948	2972278	21.801 ug/ml
4) T n-Dodecane (C12)	6.381	2835268	21.396 ug/ml
5) T A~2-methylnaphthalene...	7.003	2826917	22.066 ug/ml
6) T n-Tetradecane (C14)	8.175	2776838	21.631 ug/ml
7) T n-Hexadecane (C16)	9.773	2894127	21.796 ug/ml
8) T n-Octadecane (C18)	11.214	2957635	21.721 ug/ml
10) T n-Eicosane (C20)	12.520	2842432	21.622 ug/ml
11) T n-Heneicosane (C21)	13.131	2788750	21.528 ug/ml
13) T n-Docosane (C22)	13.716	2763564	21.418 ug/ml
14) T n-Tetracosane (C24)	14.816	2828225	21.625 ug/ml
15) T n-Hexacosane (C26)	15.834	2756751	21.396 ug/ml
16) T n-Octacosane (C28)	16.781	2684056	21.085 ug/ml
17) T n-Tricontane (C30)	17.667	2743047	21.080 ug/ml
18) T n-Dotriacontane (C32)	18.497	2720657	21.114 ug/ml
19) T n-Tetratriacontane (C34)	19.280	2668392	21.293 ug/ml
20) T n-Hexatriacontane (C36)	20.017	2400968	20.277 ug/ml
21) T n-Octatriacontane (C38)	20.740	2217877	18.980 ug/ml
22) T n-Tetracontane (C40)	21.632	1780290	15.700 ug/ml

(f)=RT Delta > 1/2 Window

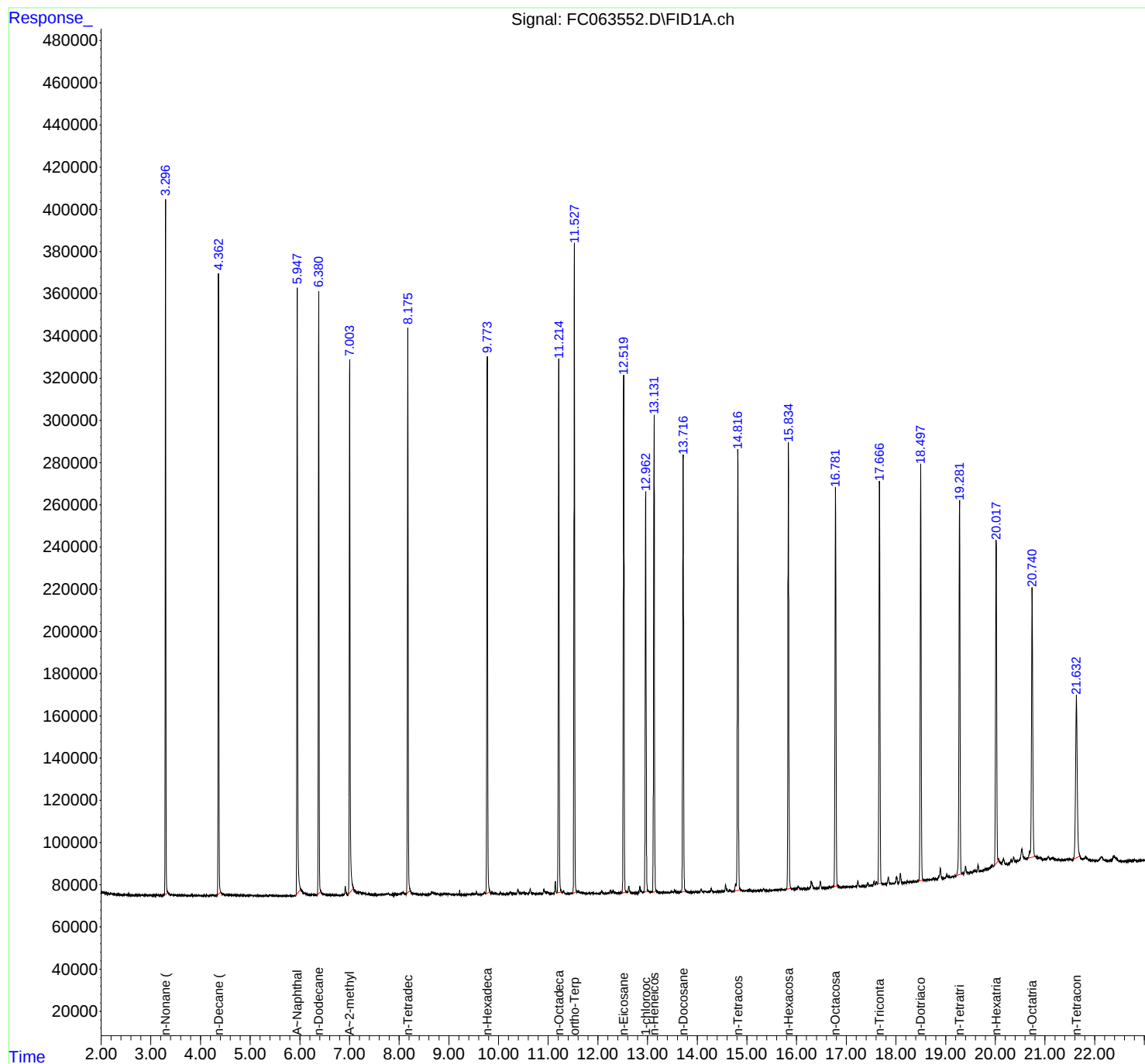
(m)=manual int.

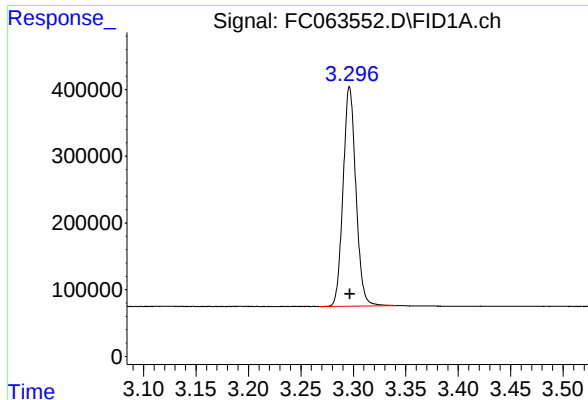
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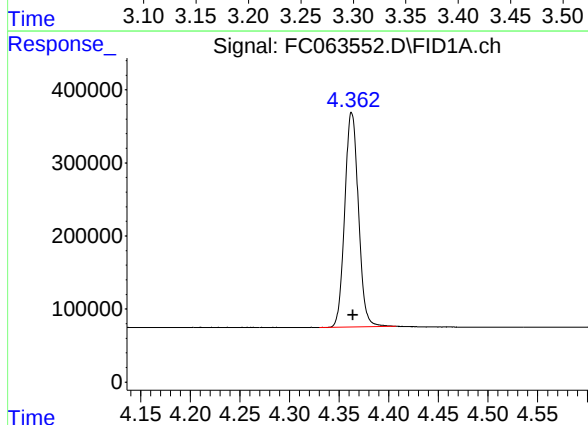




#1 n-Nonane (C9)

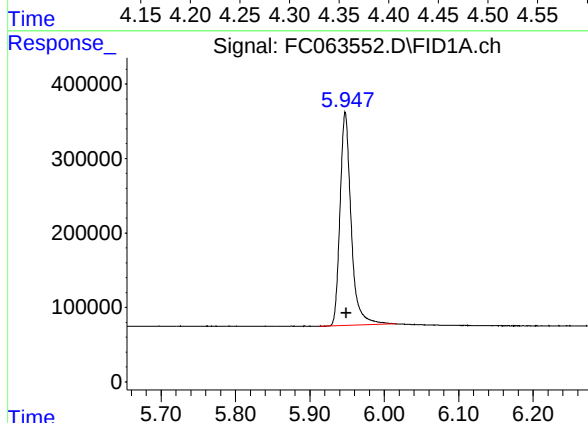
R.T.: 3.297 min
Delta R.T.: 0.000 min
Response: 2789636
Conc: 21.17 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



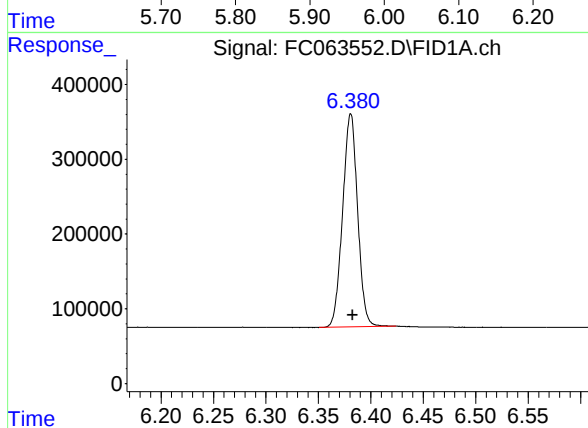
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: -0.001 min
Response: 2818055
Conc: 21.24 ug/ml



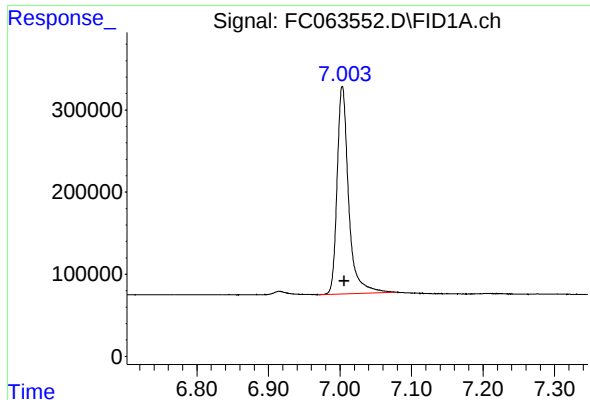
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.001 min
Response: 2972278
Conc: 21.80 ug/ml



#4 n-Dodecane (C12)

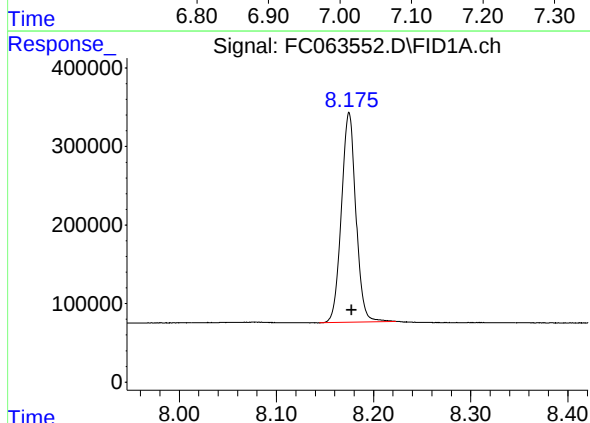
R.T.: 6.381 min
Delta R.T.: -0.002 min
Response: 2835268
Conc: 21.40 ug/ml



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

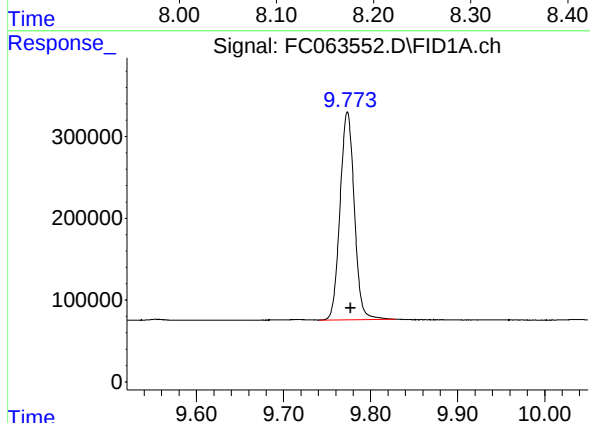
R.T.: 7.003 min
Delta R.T.: -0.003 min
Response: 2826917
Conc: 22.07 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



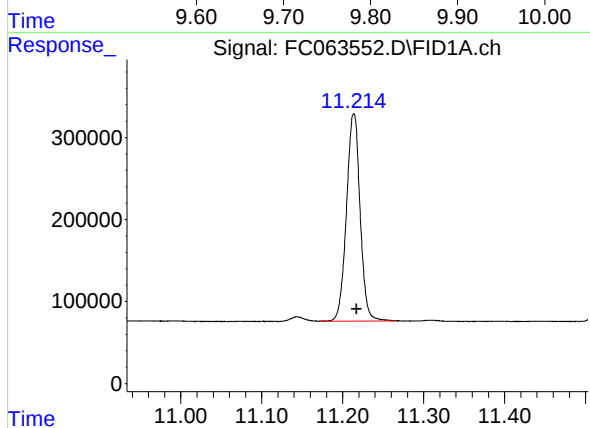
#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: -0.003 min
Response: 2776838
Conc: 21.63 ug/ml



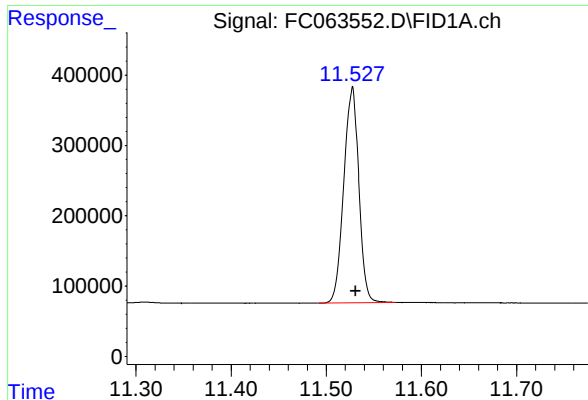
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: -0.004 min
Response: 2894127
Conc: 21.80 ug/ml



#8 n-Octadecane (C18)

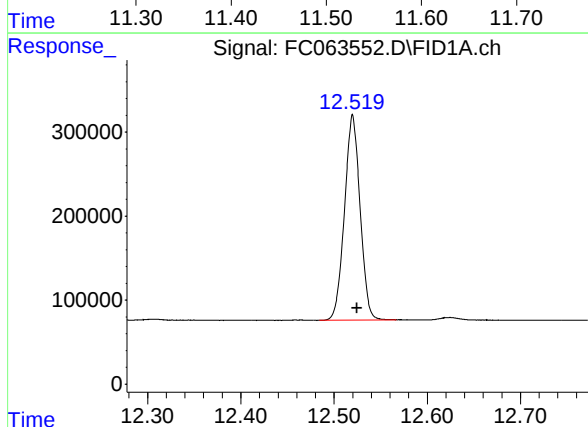
R.T.: 11.214 min
Delta R.T.: -0.003 min
Response: 2957635
Conc: 21.72 ug/ml



#9 ortho-Terphenyl (SURR)

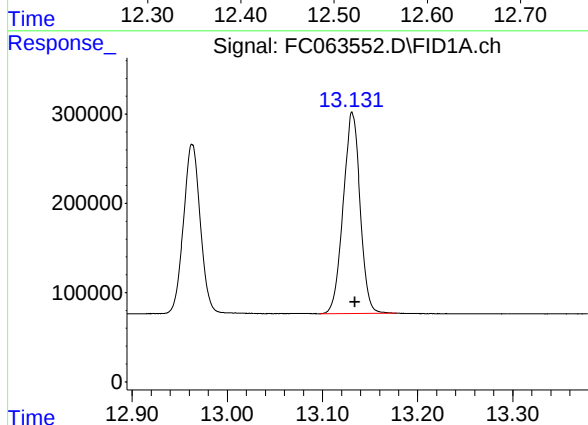
R.T.: 11.527 min
Delta R.T.: -0.004 min
Response: 3385404
Conc: 21.39 ug/ml

Instrument :
FID_C
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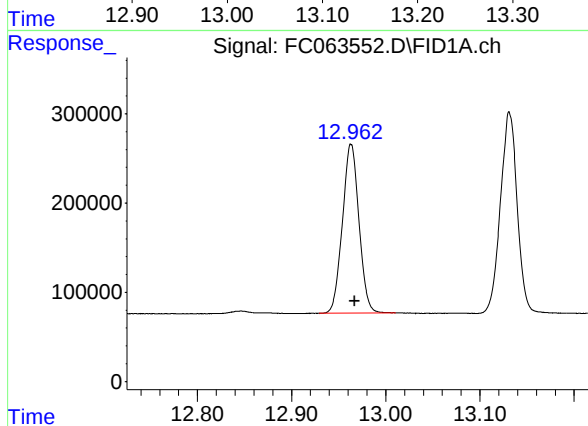
#10 n-Eicosane (C20)

R.T.: 12.520 min
Delta R.T.: -0.004 min
Response: 2842432
Conc: 21.62 ug/ml



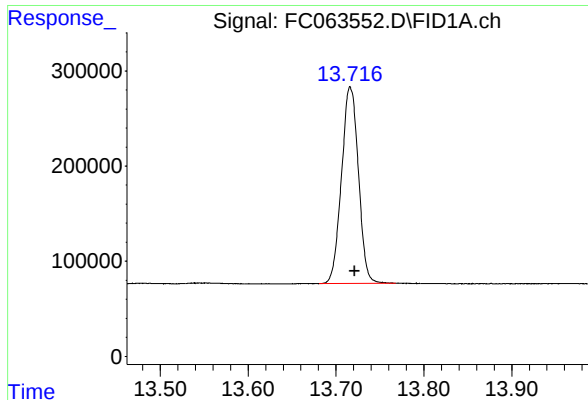
#11 n-Heneicosane (C21)

R.T.: 13.131 min
Delta R.T.: -0.003 min
Response: 2788750
Conc: 21.53 ug/ml



#12 1-chlorooctadecane (SURR)

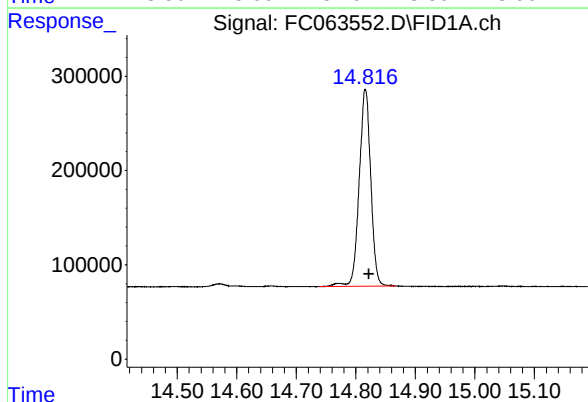
R.T.: 12.963 min
Delta R.T.: -0.004 min
Response: 2312548
Conc: 21.41 ug/ml



#13 n-Docosane (C22)

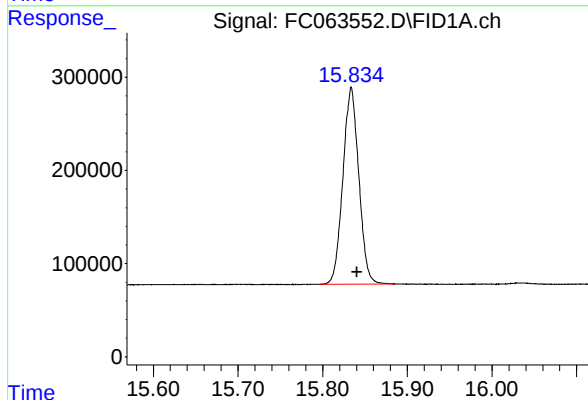
R.T.: 13.716 min
Delta R.T.: -0.005 min
Response: 2763564
Conc: 21.42 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



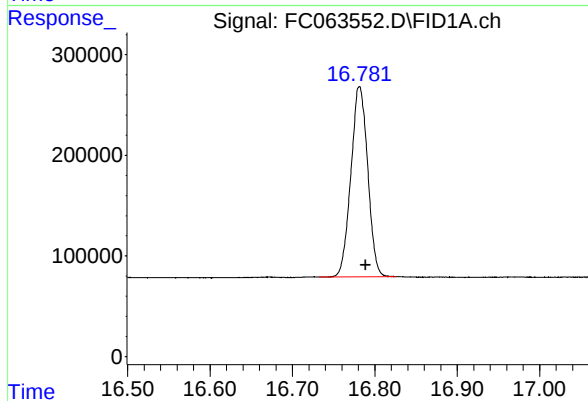
#14 n-Tetracosane (C24)

R.T.: 14.816 min
Delta R.T.: -0.006 min
Response: 2828225
Conc: 21.62 ug/ml



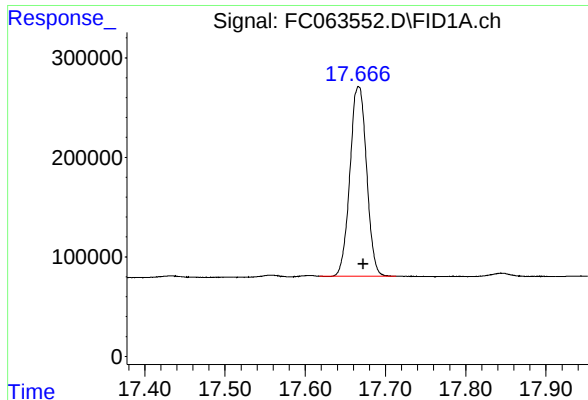
#15 n-Hexacosane (C26)

R.T.: 15.834 min
Delta R.T.: -0.007 min
Response: 2756751
Conc: 21.40 ug/ml



#16 n-Octacosane (C28)

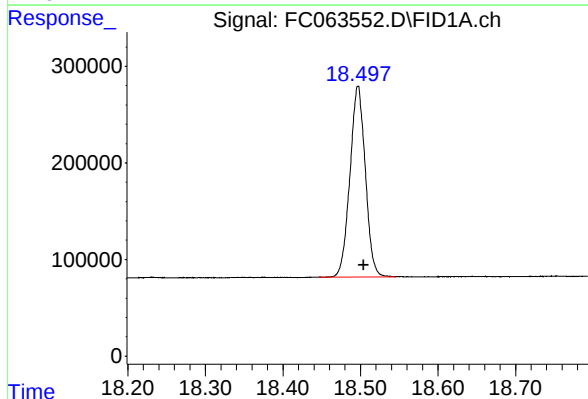
R.T.: 16.781 min
Delta R.T.: -0.008 min
Response: 2684056
Conc: 21.09 ug/ml



#17 n-Tricontane (C30)

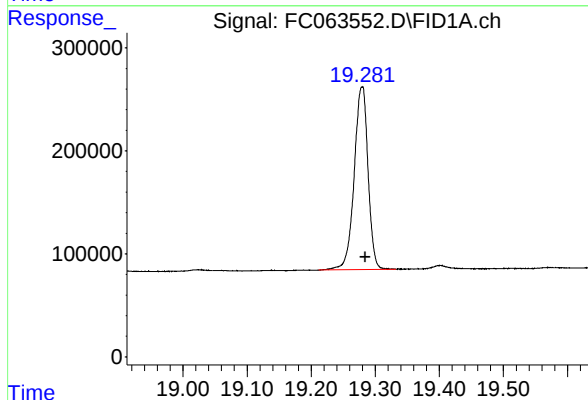
R.T.: 17.667 min
Delta R.T.: -0.006 min
Response: 2743047
Conc: 21.08 ug/ml

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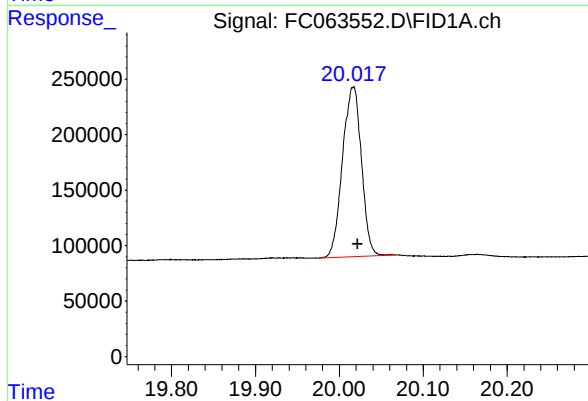
#18 n-Dotriacontane (C32)

R.T.: 18.497 min
Delta R.T.: -0.007 min
Response: 2720657
Conc: 21.11 ug/ml



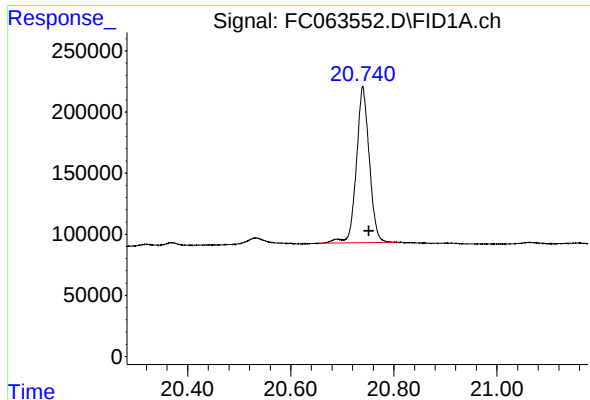
#19 n-Tetatriacontane (C34)

R.T.: 19.280 min
Delta R.T.: -0.005 min
Response: 2668392
Conc: 21.29 ug/ml



#20 n-Hexatriacontane (C36)

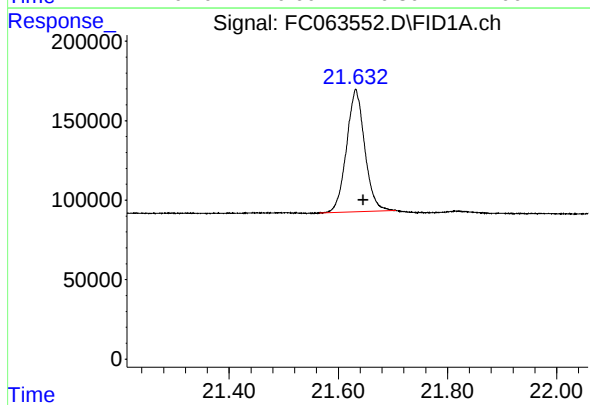
R.T.: 20.017 min
Delta R.T.: -0.005 min
Response: 2400968
Conc: 20.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.740 min
Delta R.T.: -0.012 min
Response: 2217877
Conc: 18.98 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.632 min
Delta R.T.: -0.014 min
Response: 1780290
Conc: 15.70 ug/ml