

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041223AL\
 Data File : FC063352.D
 Signal(s) : FID1A.ch
 Acq On : 12 Apr 2023 11:51
 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 13 01:57:00 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)	11.529	2623417	17.243 ug/ml
Spiked Amount 50.000		Recovery =	34.49%
12) S 1-chlorooctadecane (S...	12.968	1979523	17.891 ug/ml
Spiked Amount 50.000		Recovery =	35.78%
Target Compounds			
1) T n-Nonane (C9)	3.297	2517409	17.931 ug/ml
2) T n-Decane (C10)	4.364	2552097	18.728 ug/ml
3) T A~Naphthalene (C11.7)	5.947	2652584	17.567 ug/ml
4) T n-Dodecane (C12)	6.382	2551140	18.964 ug/ml
5) T A~2-methylnaphthalene...	7.004	2599593	18.664 ug/ml
6) T n-Tetradecane (C14)	8.176	2482628	18.339 ug/ml
7) T n-Hexadecane (C16)	9.776	2465451	18.155 ug/ml
8) T n-Octadecane (C18)	11.217	2494637	18.010 ug/ml
10) T n-Eicosane (C20)	12.525	2475201	18.423 ug/ml
11) T n-Heneicosane (C21)	13.135	2460160	18.279 ug/ml
13) T n-Docosane (C22)	13.721	2440128	18.298 ug/ml
14) T n-Tetracosane (C24)	14.822	2426402	18.046 ug/ml
15) T n-Hexacosane (C26)	15.842	2430071	18.155 ug/ml
16) T n-Octacosane (C28)	16.790	2500885	18.470 ug/ml
17) T n-Tricontane (C30)	17.674	2755140	19.917 ug/ml
18) T n-Dotriacontane (C32)	18.504	2894839	20.505 ug/ml
19) T n-Tetratriacontane (C34)	19.286	2734345	19.814 ug/ml
20) T n-Hexatriacontane (C36)	20.024	2608459	20.408 ug/ml
21) T n-Octatriacontane (C38)	20.750	2463441	20.007 ug/ml
22) T n-Tetracontane (C40)	21.646	2373165	20.166 ug/ml

(f)=RT Delta > 1/2 Window

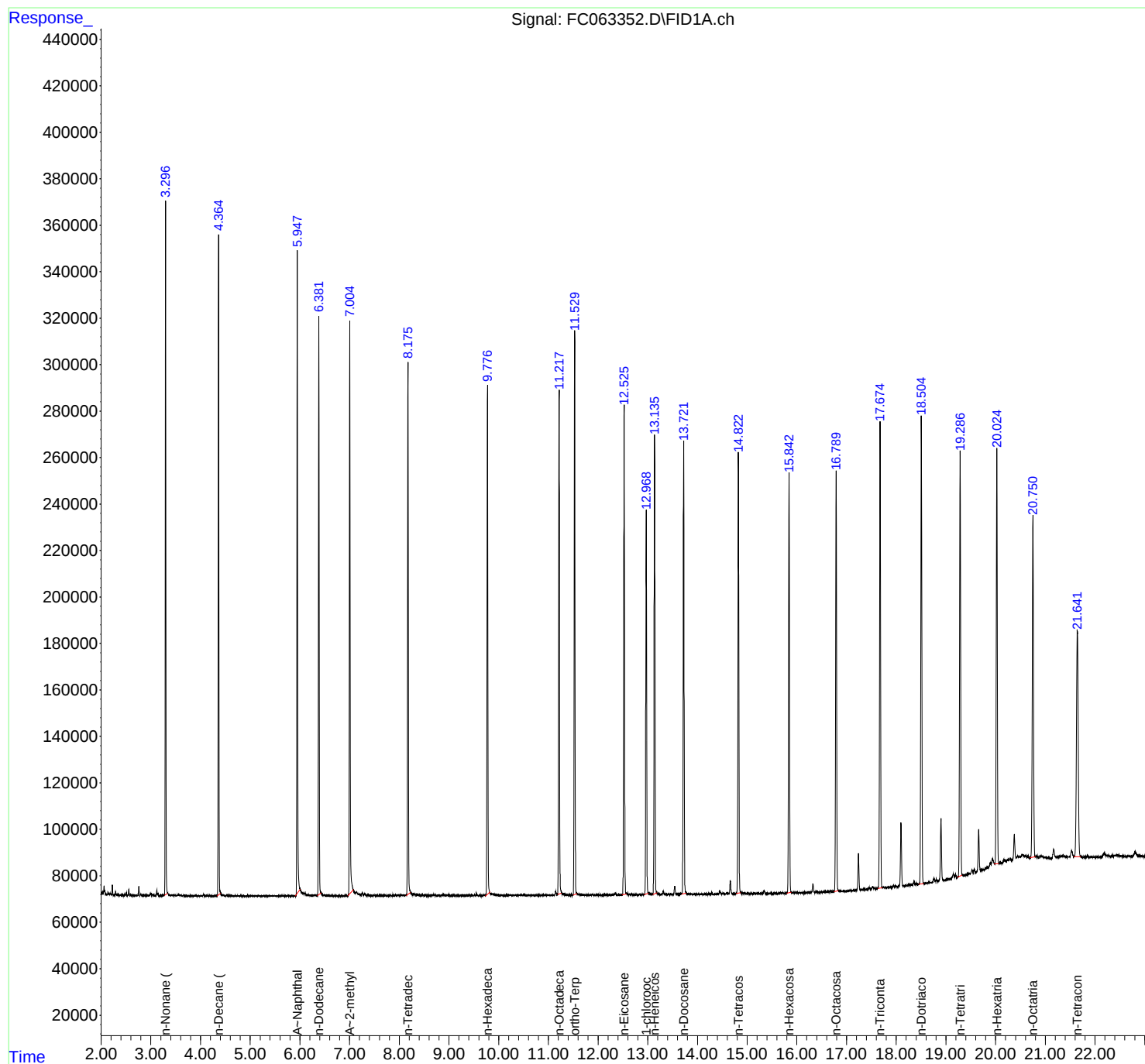
(m)=manual int.

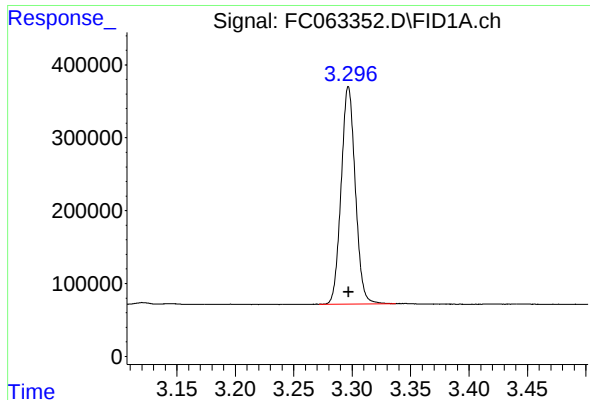
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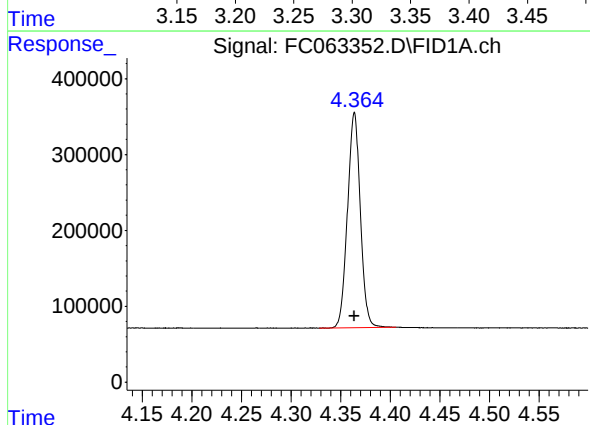




#1 n-Nonane (C9)

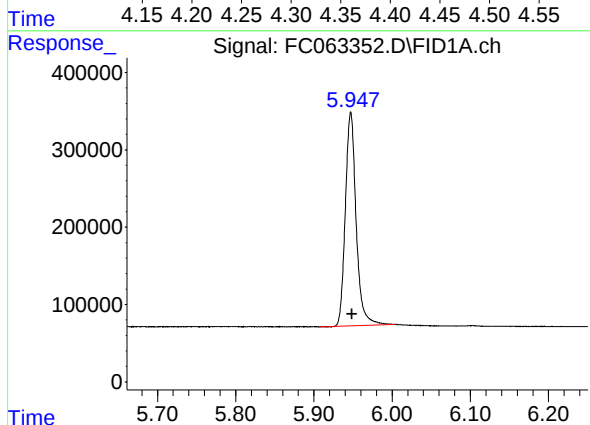
R.T.: 3.297 min
Delta R.T.: 0.000 min
Response: 2517409
Conc: 17.93 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



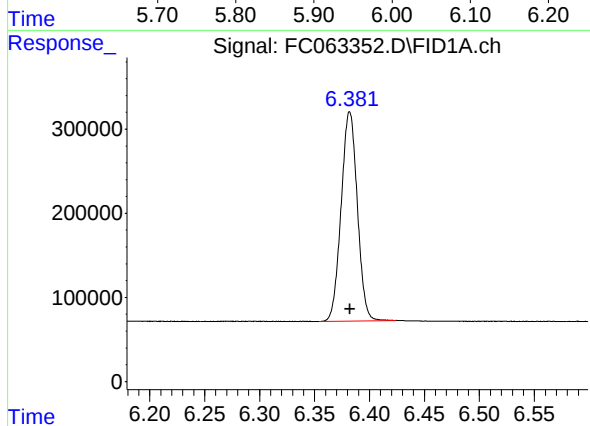
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 2552097
Conc: 18.73 ug/ml



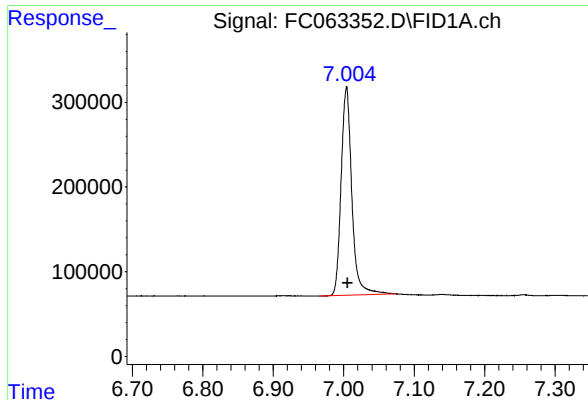
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 2652584
Conc: 17.57 ug/ml



#4 n-Dodecane (C12)

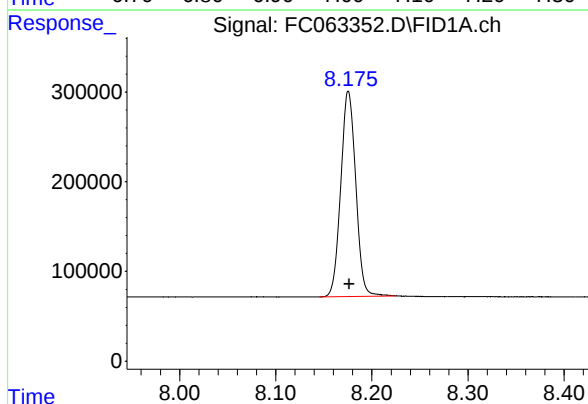
R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 2551140
Conc: 18.96 ug/ml



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

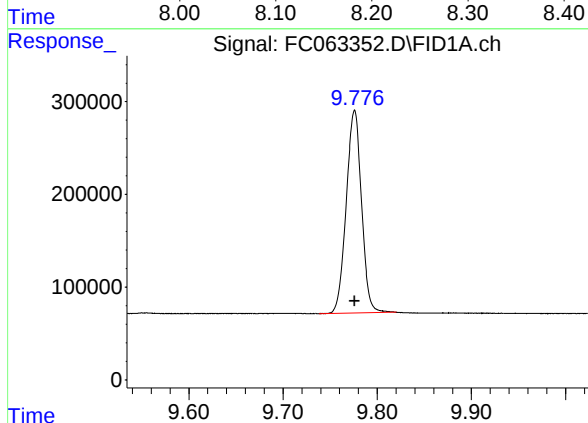
R.T.: 7.004 min
Delta R.T.: -0.001 min
Response: 2599593
Conc: 18.66 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



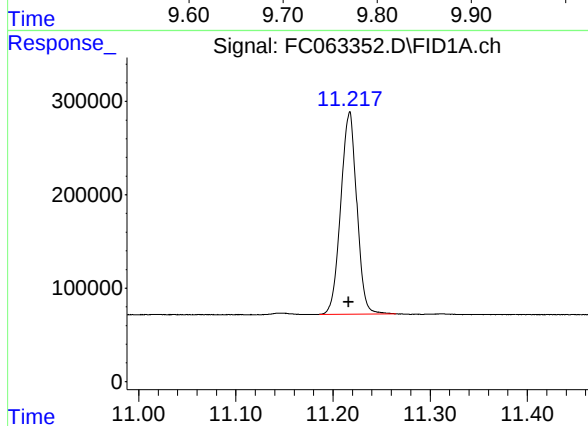
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 2482628
Conc: 18.34 ug/ml



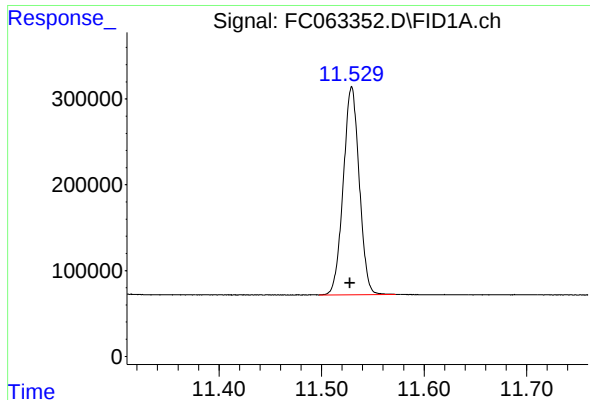
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: 0.000 min
Response: 2465451
Conc: 18.16 ug/ml



#8 n-Octadecane (C18)

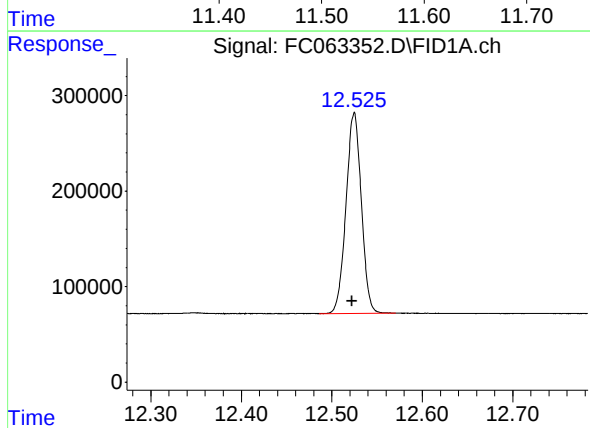
R.T.: 11.217 min
Delta R.T.: 0.001 min
Response: 2494637
Conc: 18.01 ug/ml



#9 ortho-Terphenyl (SURR)

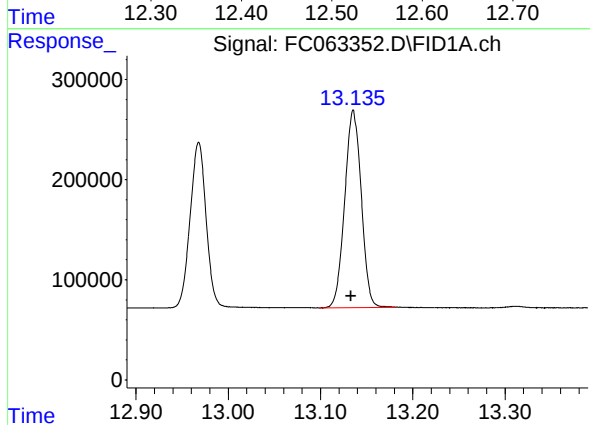
R.T.: 11.529 min
Delta R.T.: 0.002 min
Response: 2623417
Conc: 17.24 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



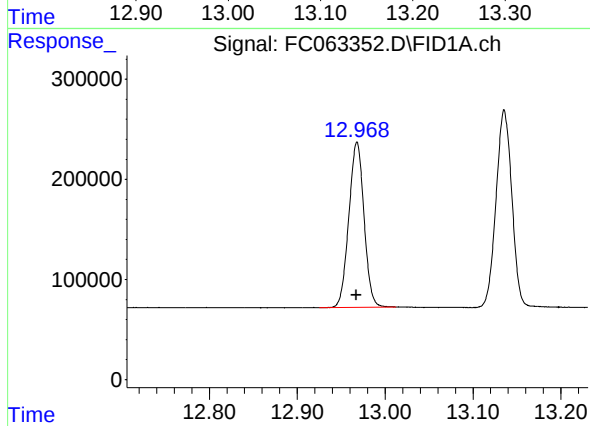
#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: 0.002 min
Response: 2475201
Conc: 18.42 ug/ml



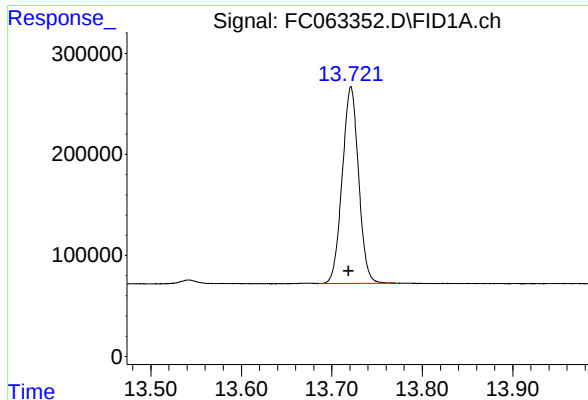
#11 n-Heneicosane (C21)

R.T.: 13.135 min
Delta R.T.: 0.002 min
Response: 2460160
Conc: 18.28 ug/ml



#12 1-chlorooctadecane (SURR)

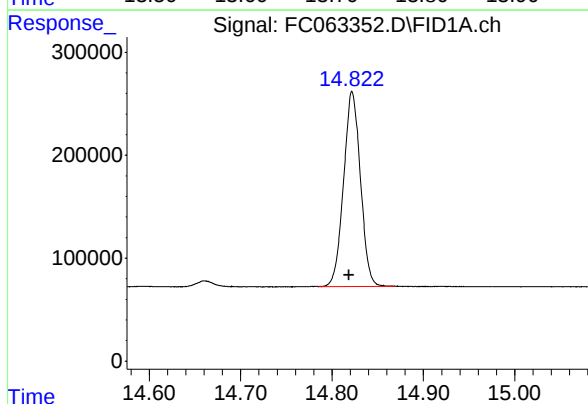
R.T.: 12.968 min
Delta R.T.: 0.001 min
Response: 1979523
Conc: 17.89 ug/ml



#13 n-Docosane (C22)

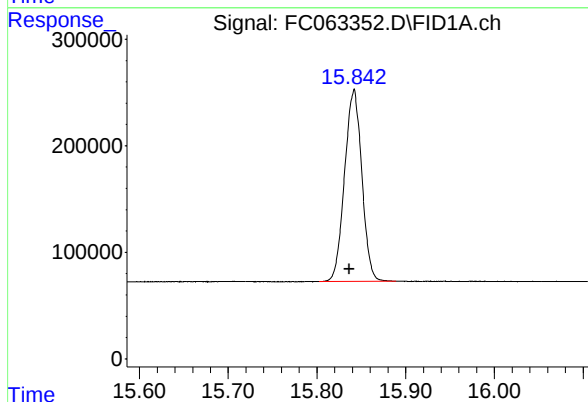
R.T.: 13.721 min
Delta R.T.: 0.003 min
Response: 2440128
Conc: 18.30 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



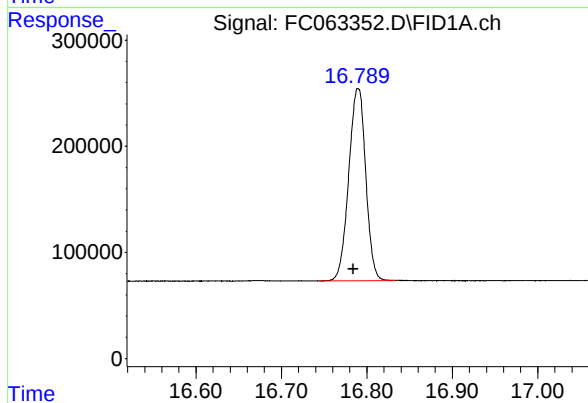
#14 n-Tetracosane (C24)

R.T.: 14.822 min
Delta R.T.: 0.004 min
Response: 2426402
Conc: 18.05 ug/ml



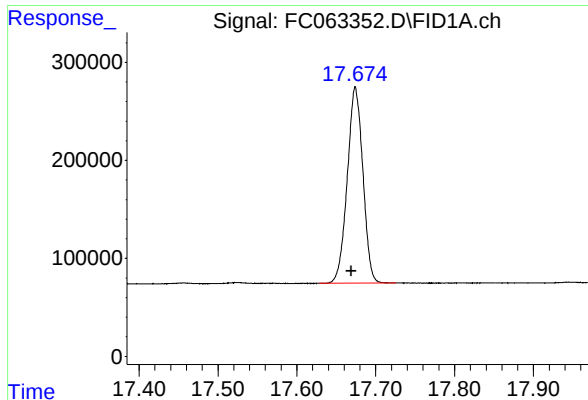
#15 n-Hexacosane (C26)

R.T.: 15.842 min
Delta R.T.: 0.005 min
Response: 2430071
Conc: 18.15 ug/ml



#16 n-Octacosane (C28)

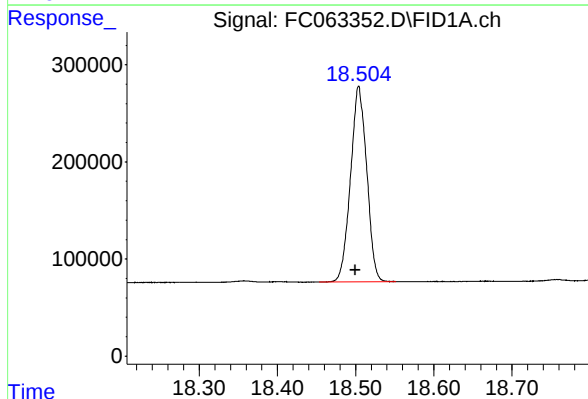
R.T.: 16.790 min
Delta R.T.: 0.006 min
Response: 2500885
Conc: 18.47 ug/ml



#17 n-Tricontane (C30)

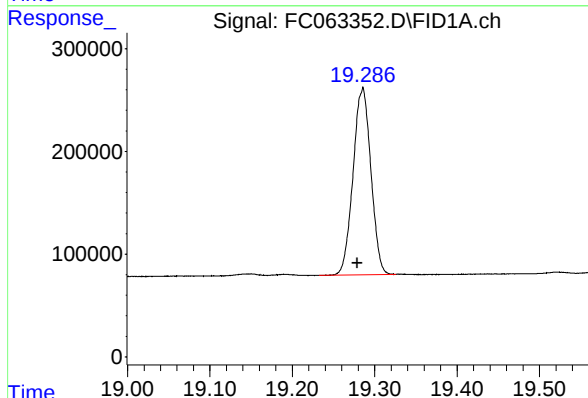
R.T.: 17.674 min
Delta R.T.: 0.005 min
Response: 2755140
Conc: 19.92 ug/ml

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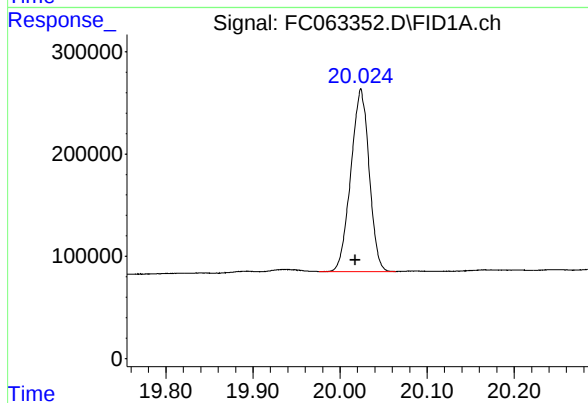
#18 n-Dotriacontane (C32)

R.T.: 18.504 min
Delta R.T.: 0.005 min
Response: 2894839
Conc: 20.50 ug/ml



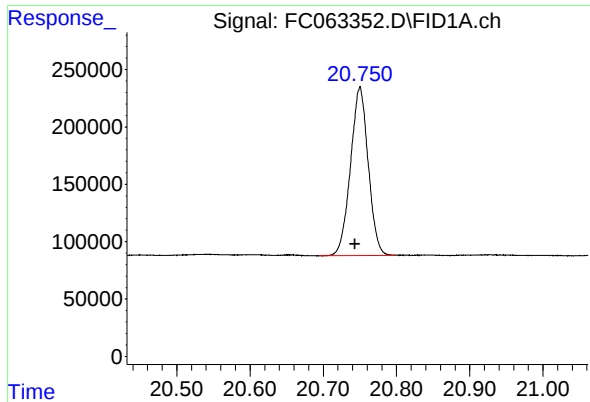
#19 n-Tetatriacontane (C34)

R.T.: 19.286 min
Delta R.T.: 0.007 min
Response: 2734345
Conc: 19.81 ug/ml



#20 n-Hexatriacontane (C36)

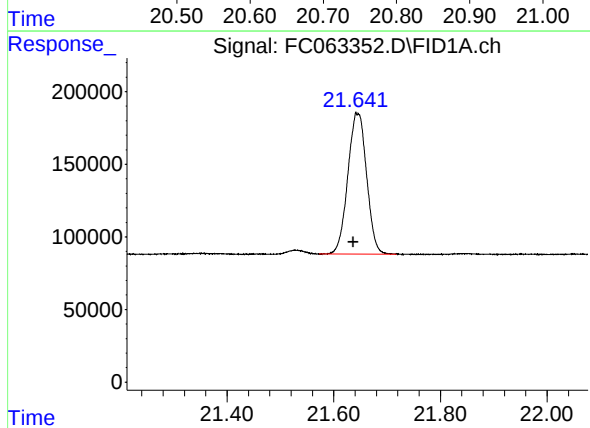
R.T.: 20.024 min
Delta R.T.: 0.007 min
Response: 2608459
Conc: 20.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.750 min
Delta R.T.: 0.007 min
Response: 2463441
Conc: 20.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.646 min
Delta R.T.: 0.009 min
Response: 2373165
Conc: 20.17 ug/ml