

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062323AL\
 Data File : FC063976.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jun 2023 00:10
 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: Jun 24 03:42:51 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)	11.526	3286536	18.010 ug/ml
Spiked Amount 50.000		Recovery =	36.02%
12) S 1-chlorooctadecane (S...	12.961	2356460	18.443 ug/ml
Spiked Amount 50.000		Recovery =	36.89%
Target Compounds			
1) T n-Nonane (C9)	3.309	3007156	18.868 ug/ml
2) T n-Decane (C10)	4.371	3064179	18.956 ug/ml
3) T A~Naphthalene (C11.7)	5.951	3164433	18.215 ug/ml
4) T n-Dodecane (C12)	6.384	3031531	18.540 ug/ml
5) T A~2-methylnaphthalene...	7.007	2972424	18.144 ug/ml
6) T n-Tetradecane (C14)	8.176	2908381	18.493 ug/ml
7) T n-Hexadecane (C16)	9.774	2933697	18.435 ug/ml
8) T n-Octadecane (C18)	11.212	2912611	18.408 ug/ml
10) T n-Eicosane (C20)	12.519	2748726	18.586 ug/ml
11) T n-Heneicosane (C21)	13.129	2678101	18.605 ug/ml
13) T n-Docosane (C22)	13.712	2640751	18.746 ug/ml
14) T n-Tetracosane (C24)	14.811	2615525	19.061 ug/ml
15) T n-Hexacosane (C26)	15.832	2585710	19.501 ug/ml
16) T n-Octacosane (C28)	16.778	2610680	20.560 ug/ml
17) T n-Tricontane (C30)	17.663	2817728	22.054 ug/ml
18) T n-Dotriacontane (C32)	18.491	2881924	23.160 ug/ml
19) T n-Tetratriacontane (C34)	19.273	2779302	22.541 ug/ml
20) T n-Hexatriacontane (C36)	20.009	2633077	21.938 ug/ml
21) T n-Octatriacontane (C38)	20.734	2588102	21.437 ug/ml
22) T n-Tetracontane (C40)	21.627	2519578	20.794 ug/ml

(f)=RT Delta > 1/2 Window

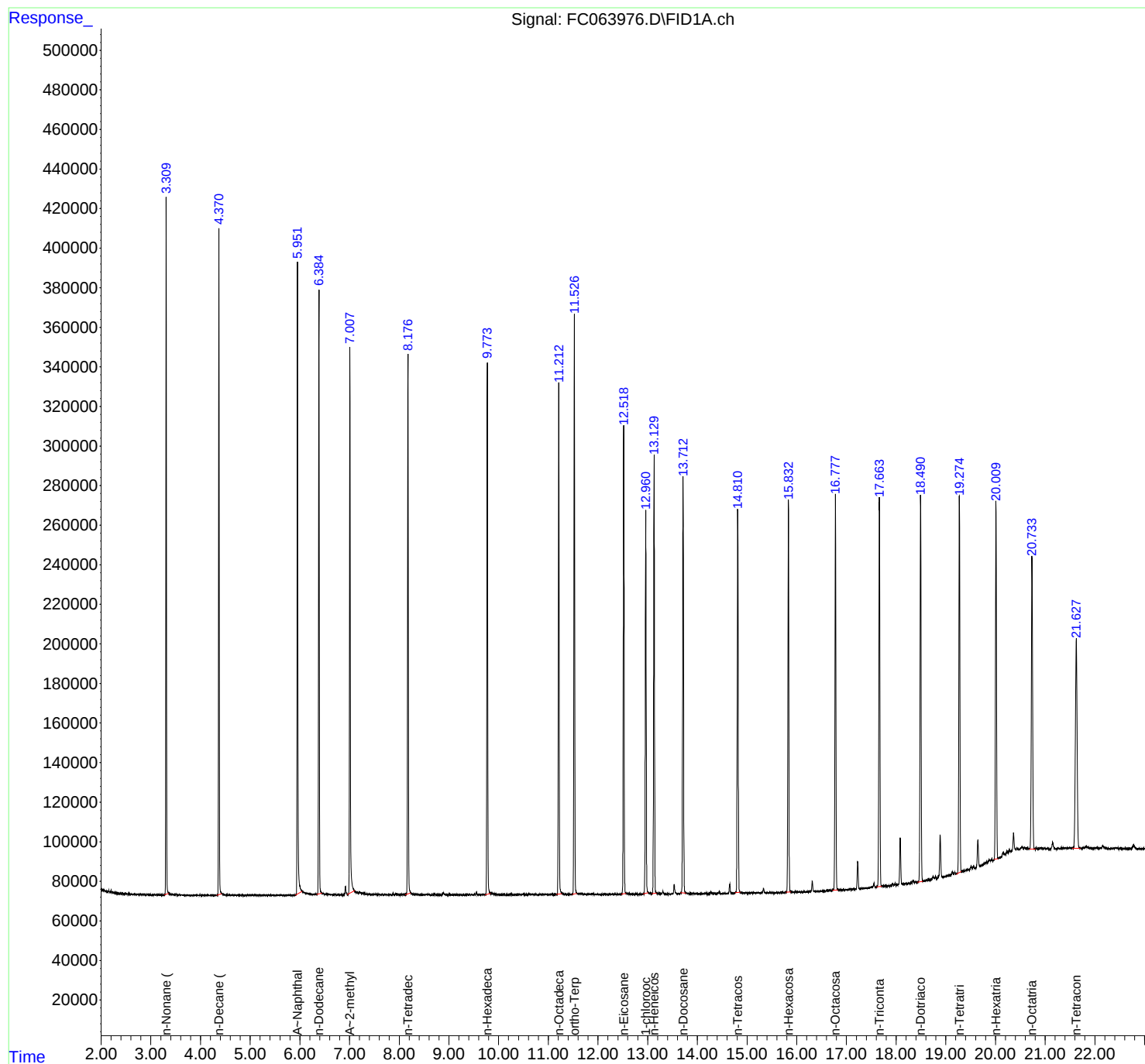
(m)=manual int.

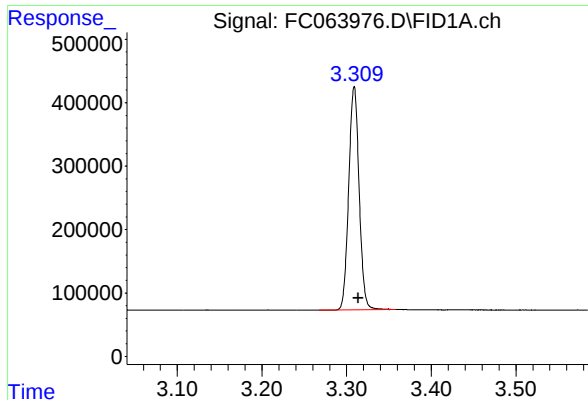
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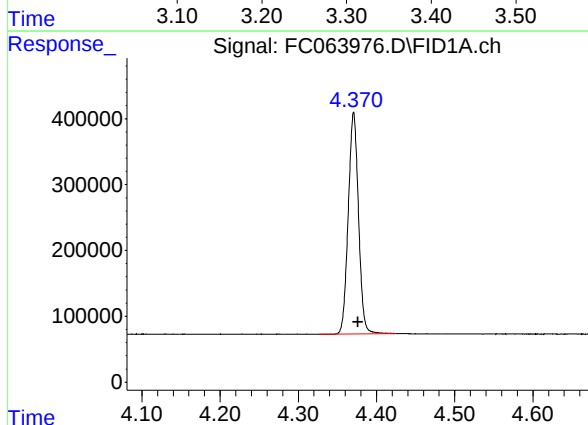




#1 n-Nonane (C9)

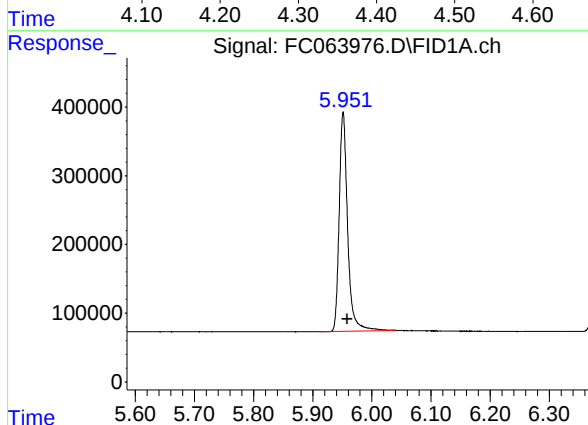
R.T.: 3.309 min
Delta R.T.: -0.005 min
Response: 3007156
Conc: 18.87 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



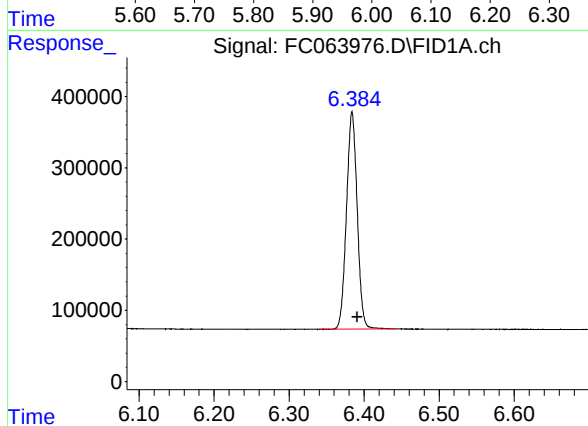
#2 n-Decane (C10)

R.T.: 4.371 min
Delta R.T.: -0.006 min
Response: 3064179
Conc: 18.96 ug/ml



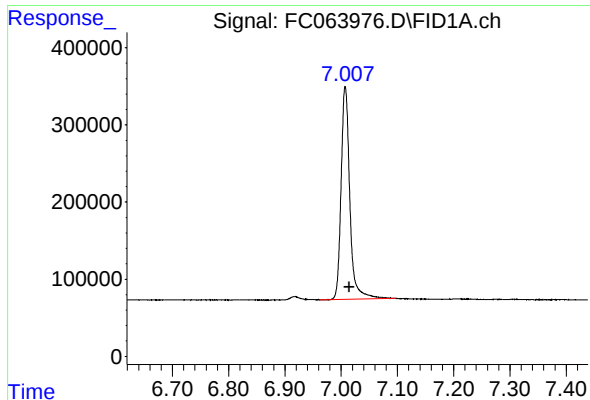
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: -0.007 min
Response: 3164433
Conc: 18.22 ug/ml



#4 n-Dodecane (C12)

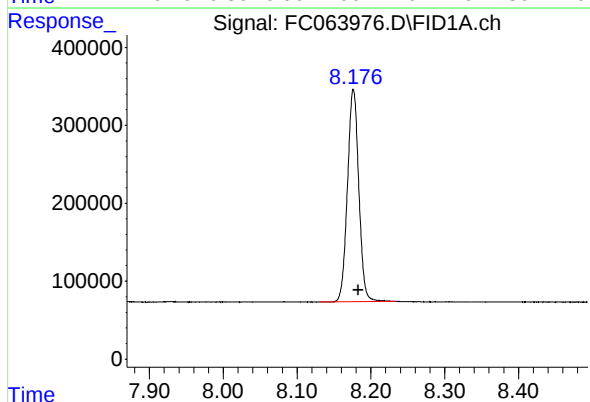
R.T.: 6.384 min
Delta R.T.: -0.007 min
Response: 3031531
Conc: 18.54 ug/ml



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

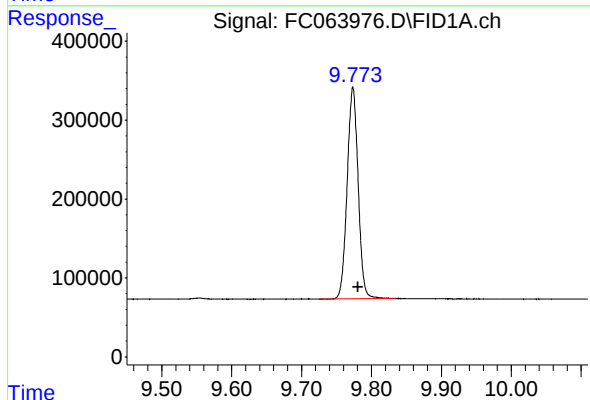
R.T.: 7.007 min
Delta R.T.: -0.007 min
Response: 2972424
Conc: 18.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



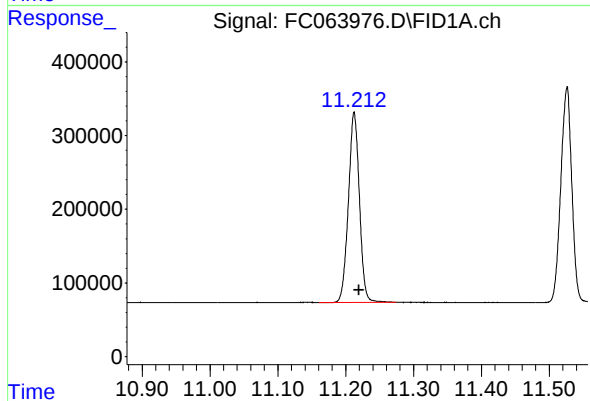
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: -0.007 min
Response: 2908381
Conc: 18.49 ug/ml



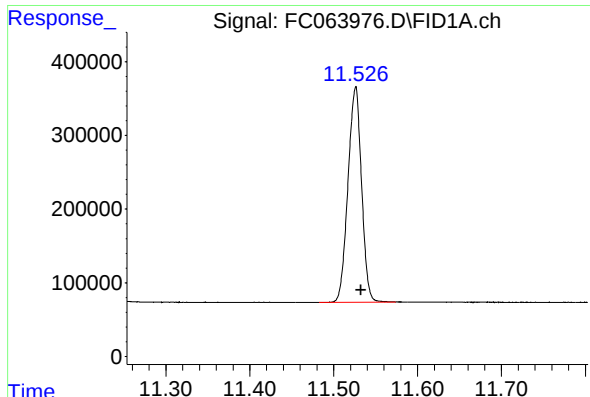
#7 n-Hexadecane (C16)

R.T.: 9.774 min
Delta R.T.: -0.007 min
Response: 2933697
Conc: 18.43 ug/ml



#8 n-Octadecane (C18)

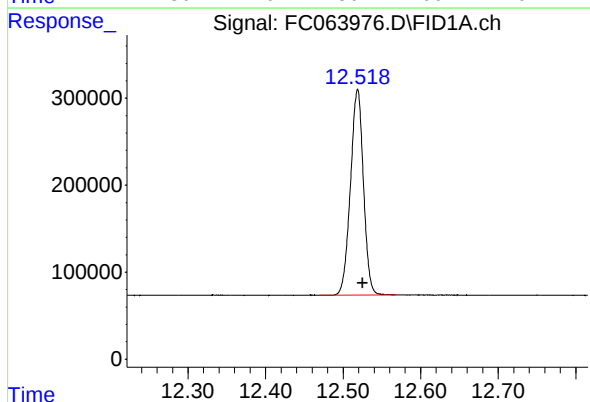
R.T.: 11.212 min
Delta R.T.: -0.008 min
Response: 2912611
Conc: 18.41 ug/ml



#9 ortho-Terphenyl (SURR)

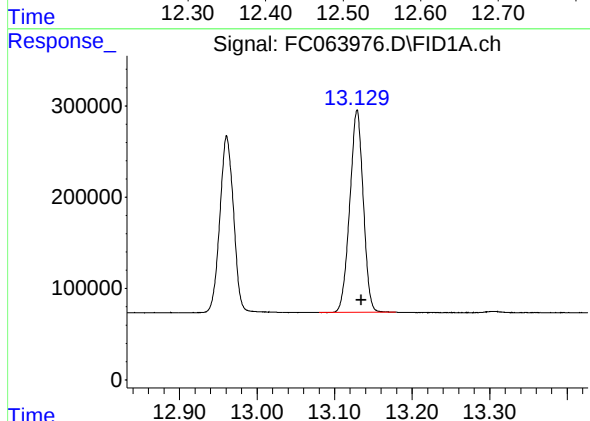
R.T.: 11.526 min
Delta R.T.: -0.006 min
Response: 3286536
Conc: 18.01 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



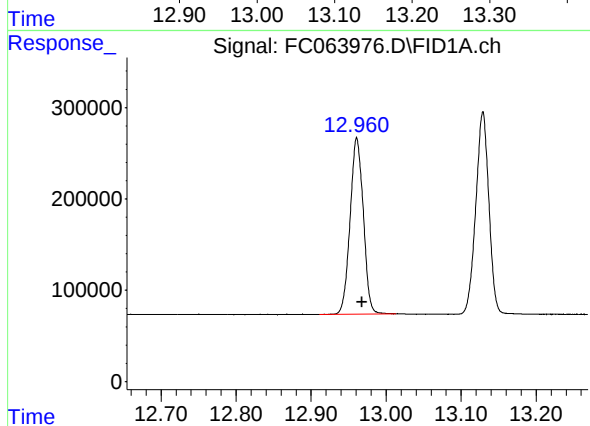
#10 n-Eicosane (C20)

R.T.: 12.519 min
Delta R.T.: -0.006 min
Response: 2748726
Conc: 18.59 ug/ml



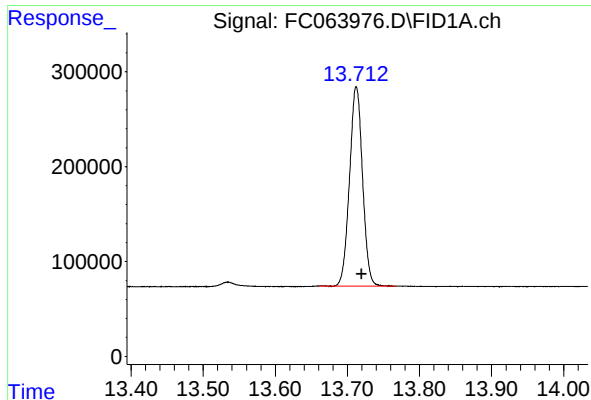
#11 n-Heneicosane (C21)

R.T.: 13.129 min
Delta R.T.: -0.005 min
Response: 2678101
Conc: 18.61 ug/ml



#12 1-chlorooctadecane (SURR)

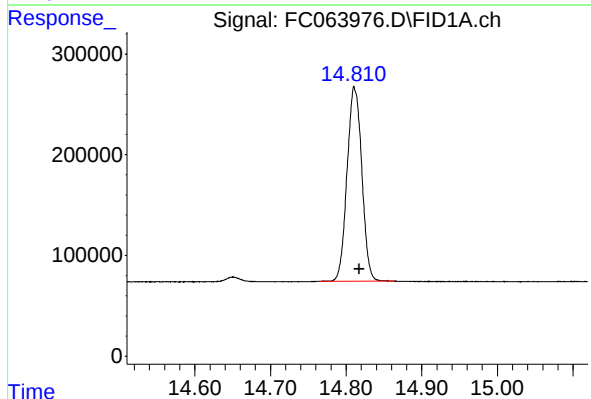
R.T.: 12.961 min
Delta R.T.: -0.007 min
Response: 2356460
Conc: 18.44 ug/ml



#13 n-Docosane (C22)

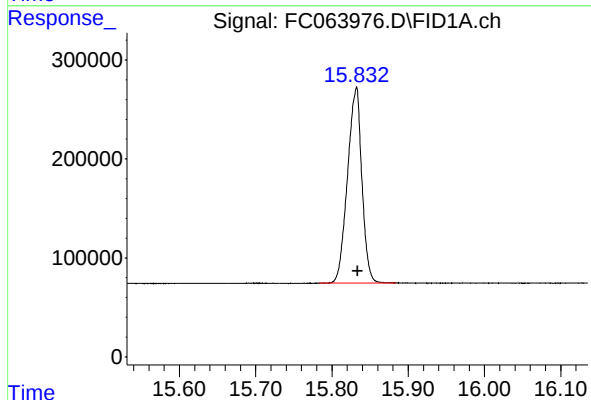
R.T.: 13.712 min
Delta R.T.: -0.007 min
Response: 2640751
Conc: 18.75 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



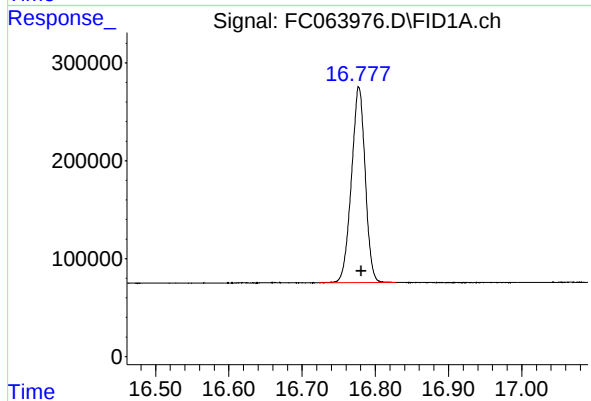
#14 n-Tetracosane (C24)

R.T.: 14.811 min
Delta R.T.: -0.007 min
Response: 2615525
Conc: 19.06 ug/ml



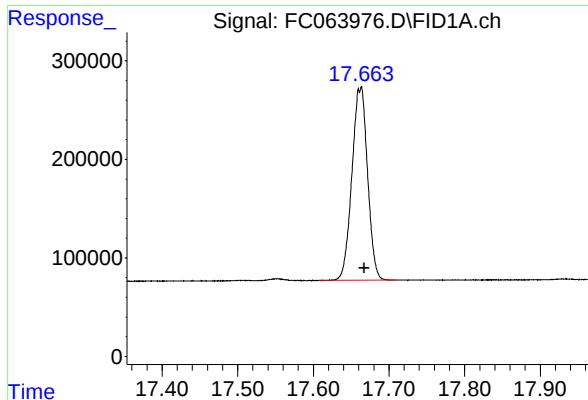
#15 n-Hexacosane (C26)

R.T.: 15.832 min
Delta R.T.: -0.002 min
Response: 2585710
Conc: 19.50 ug/ml



#16 n-Octacosane (C28)

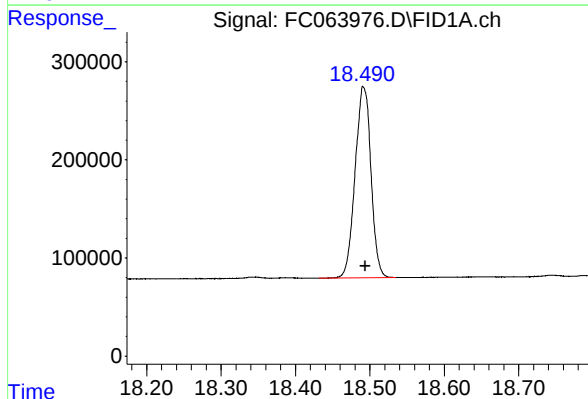
R.T.: 16.778 min
Delta R.T.: -0.003 min
Response: 2610680
Conc: 20.56 ug/ml



#17 n-Tricontane (C30)

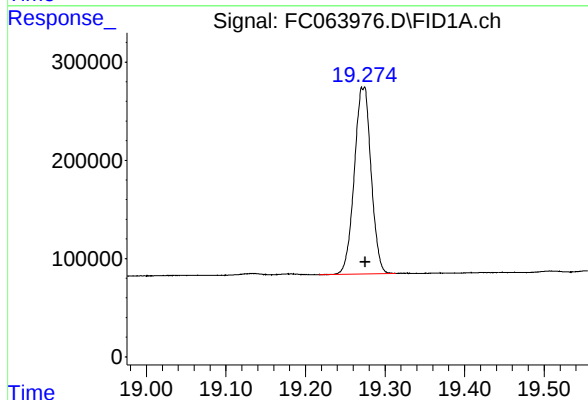
R.T.: 17.663 min
Delta R.T.: -0.004 min
Response: 2817728
Conc: 22.05 ug/ml

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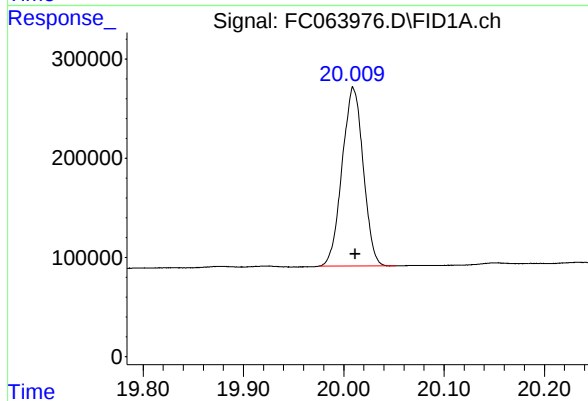
#18 n-Dotriacontane (C32)

R.T.: 18.491 min
Delta R.T.: -0.003 min
Response: 2881924
Conc: 23.16 ug/ml



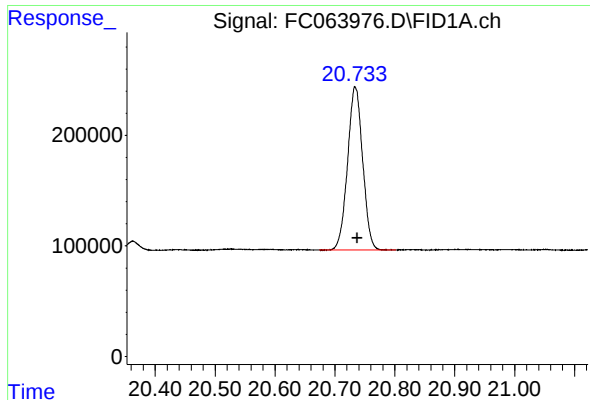
#19 n-Tetatriacontane (C34)

R.T.: 19.273 min
Delta R.T.: -0.002 min
Response: 2779302
Conc: 22.54 ug/ml



#20 n-Hexatriacontane (C36)

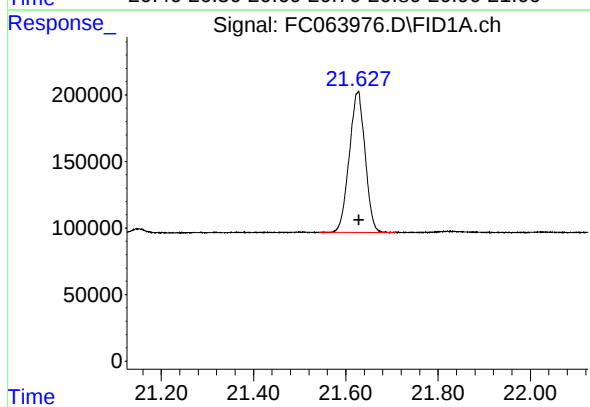
R.T.: 20.009 min
Delta R.T.: -0.002 min
Response: 2633077
Conc: 21.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.734 min
Delta R.T.: -0.004 min
Response: 2588102
Conc: 21.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.627 min
Delta R.T.: -0.002 min
Response: 2519578
Conc: 20.79 ug/ml