

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040623AL\
 Data File : FC063323.D
 Signal(s) : FID1A.ch
 Acq On : 07 Apr 2023 07:16
 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: Apr 07 07:47:33 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)	11.527	3285856	21.597 ug/ml
Spiked Amount 50.000		Recovery =	43.19%
12) S 1-chlorooctadecane (S...	12.965	2395011	21.646 ug/ml
Spiked Amount 50.000		Recovery =	43.29%
Target Compounds			
1) T n-Nonane (C9)	3.298	3075001	21.902 ug/ml
2) T n-Decane (C10)	4.363	2985443	21.908 ug/ml
3) T A~Naphthalene (C11.7)	5.945	3321875	21.999 ug/ml
4) T n-Dodecane (C12)	6.381	2950090	21.929 ug/ml
5) T A~2-methylnaphthalene...	7.002	3060968	21.977 ug/ml
6) T n-Tetradecane (C14)	8.174	2961868	21.879 ug/ml
7) T n-Hexadecane (C16)	9.773	2965215	21.836 ug/ml
8) T n-Octadecane (C18)	11.215	3000951	21.665 ug/ml
10) T n-Eicosane (C20)	12.521	2900190	21.587 ug/ml
11) T n-Heneicosane (C21)	13.132	2911416	21.632 ug/ml
13) T n-Docosane (C22)	13.717	2867361	21.502 ug/ml
14) T n-Tetracosane (C24)	14.816	2867431	21.326 ug/ml
15) T n-Hexacosane (C26)	15.834	2844766	21.253 ug/ml
16) T n-Octacosane (C28)	16.783	2856220	21.094 ug/ml
17) T n-Tricontane (C30)	17.668	2894367	20.923 ug/ml
18) T n-Dotriacontane (C32)	18.500	2956459	20.941 ug/ml
19) T n-Tetratriacontane (C34)	19.279	2953767	21.404 ug/ml
20) T n-Hexatriacontane (C36)	20.015	2804528	21.942 ug/ml
21) T n-Octatriacontane (C38)	20.743	2636592	21.413 ug/ml
22) T n-Tetracontane (C40)	21.635	2250391	19.123 ug/ml

(f)=RT Delta > 1/2 Window

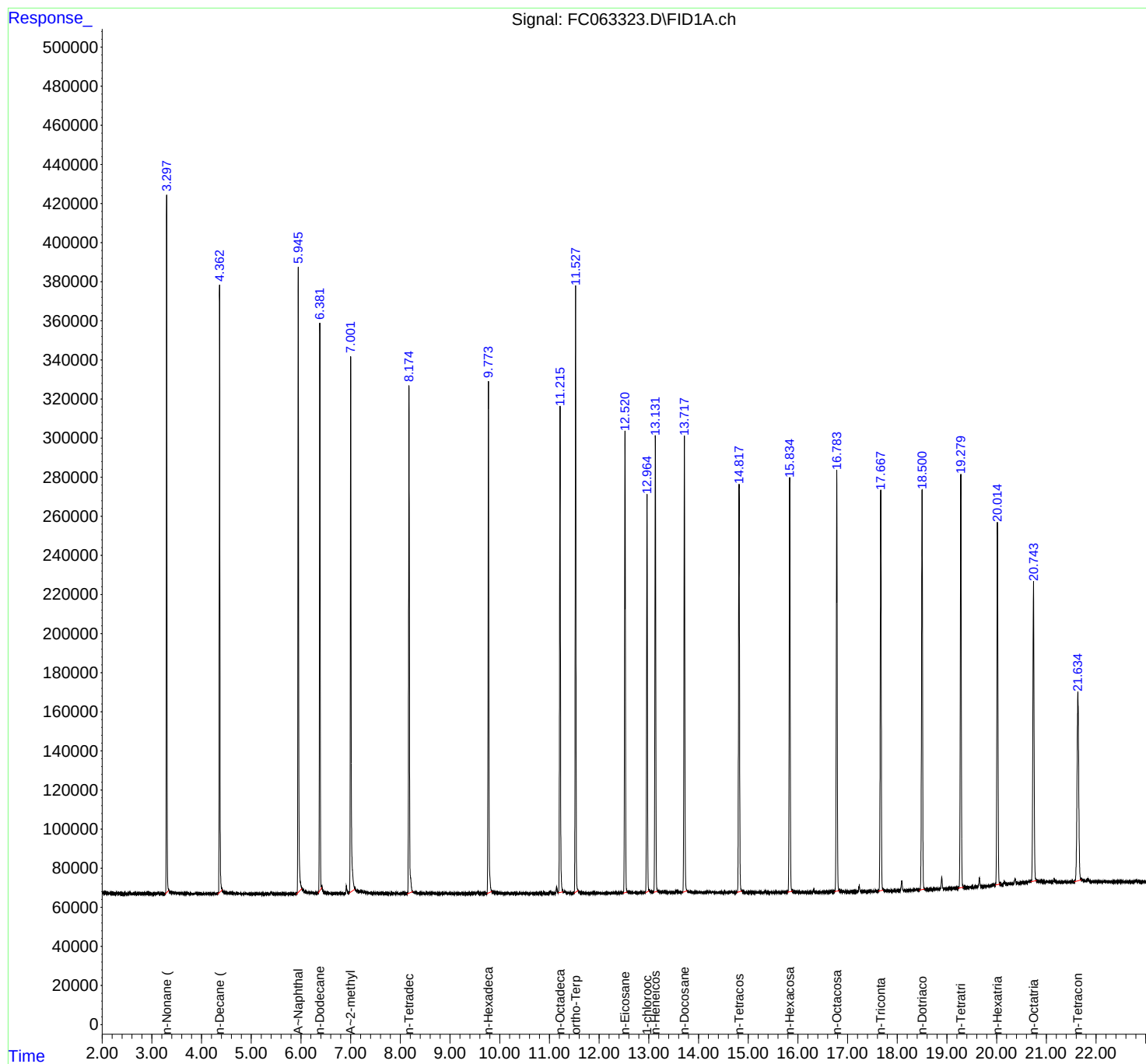
(m)=manual int.

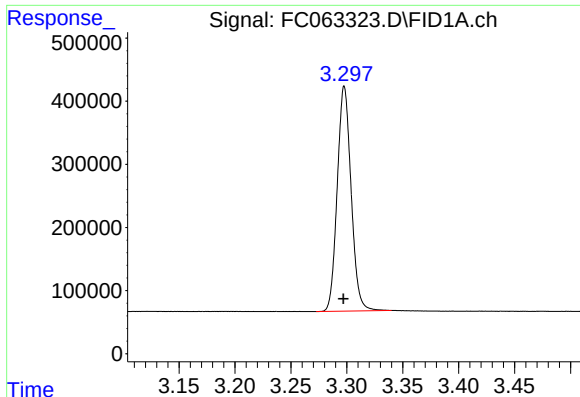
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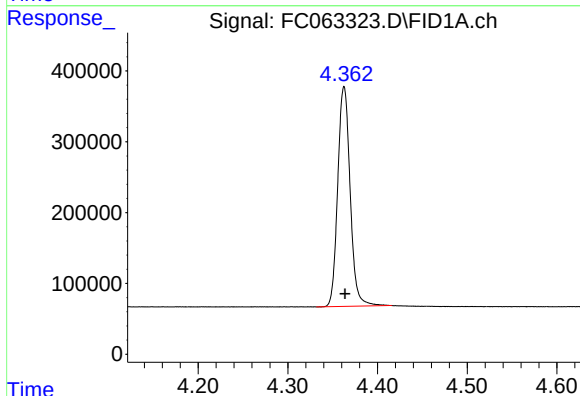




#1 n-Nonane (C9)

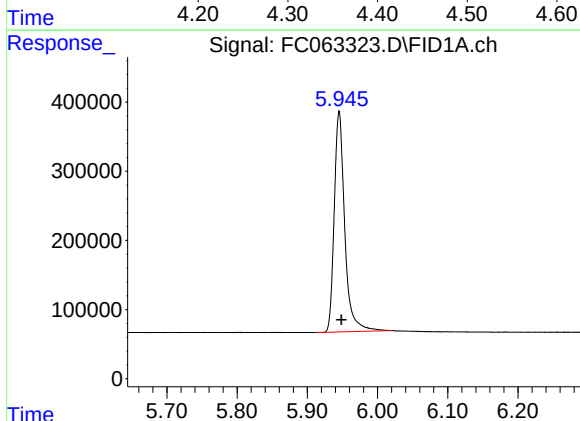
R.T.: 3.298 min
Delta R.T.: 0.000 min
Response: 3075001
Conc: 21.90 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



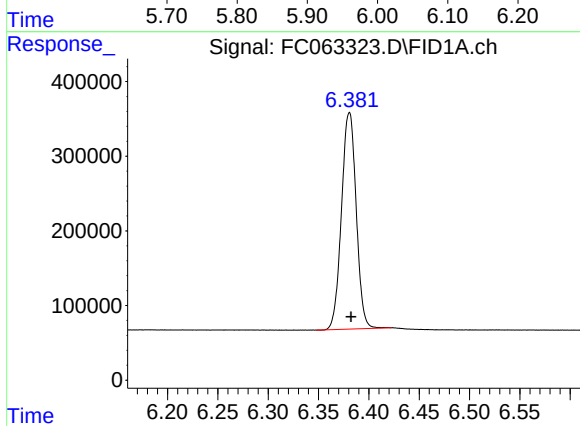
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: -0.001 min
Response: 2985443
Conc: 21.91 ug/ml



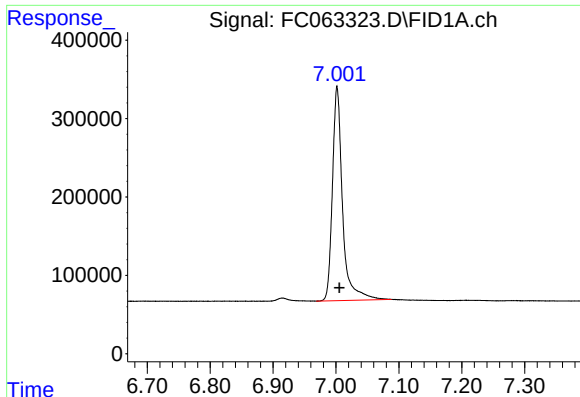
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.003 min
Response: 3321875
Conc: 22.00 ug/ml



#4 n-Dodecane (C12)

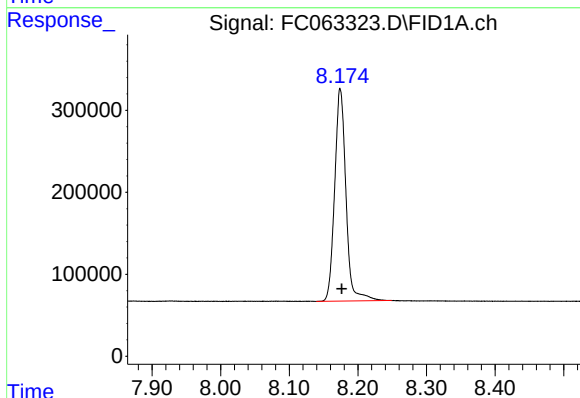
R.T.: 6.381 min
Delta R.T.: -0.002 min
Response: 2950090
Conc: 21.93 ug/ml



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

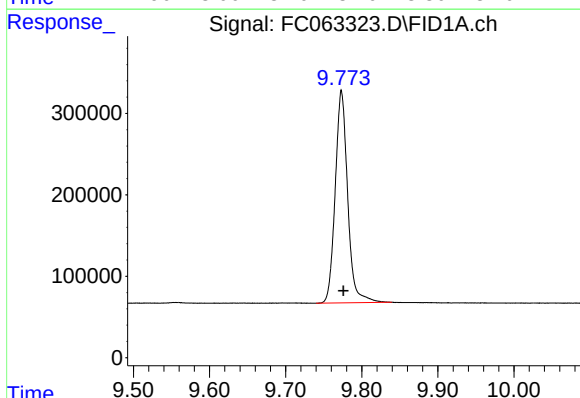
R.T.: 7.002 min
Delta R.T.: -0.003 min
Response: 3060968
Conc: 21.98 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



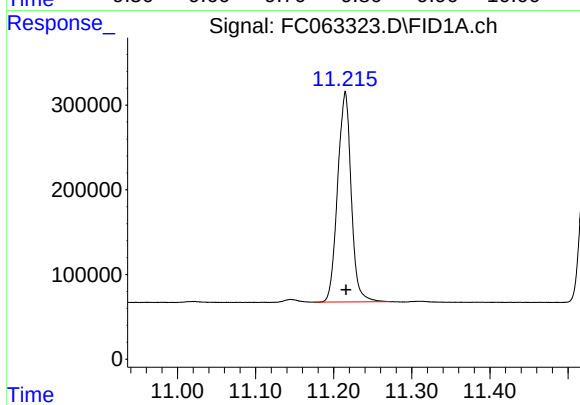
#6 n-Tetradecane (C14)

R.T.: 8.174 min
Delta R.T.: -0.002 min
Response: 2961868
Conc: 21.88 ug/ml



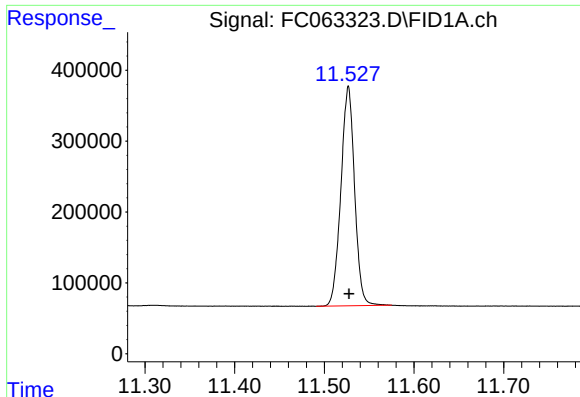
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: -0.003 min
Response: 2965215
Conc: 21.84 ug/ml



#8 n-Octadecane (C18)

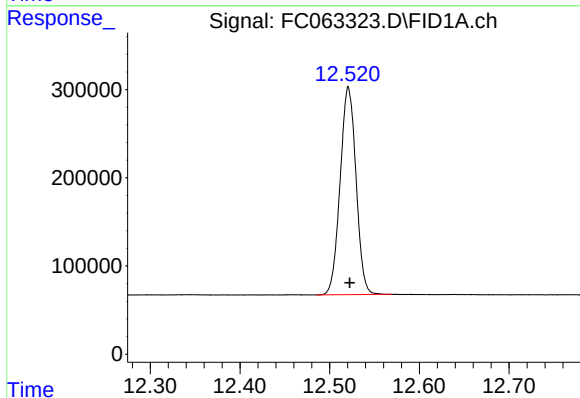
R.T.: 11.215 min
Delta R.T.: -0.001 min
Response: 3000951
Conc: 21.67 ug/ml



#9 ortho-Terphenyl (SURR)

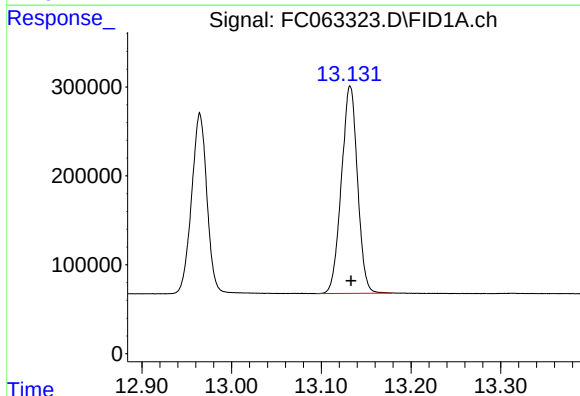
R.T.: 11.527 min
Delta R.T.: 0.000 min
Response: 3285856
Conc: 21.60 ug/ml

Instrument :
FID_C
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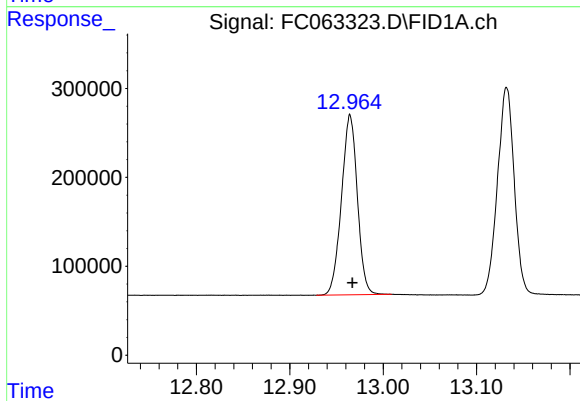
#10 n-Eicosane (C20)

R.T.: 12.521 min
Delta R.T.: -0.002 min
Response: 2900190
Conc: 21.59 ug/ml



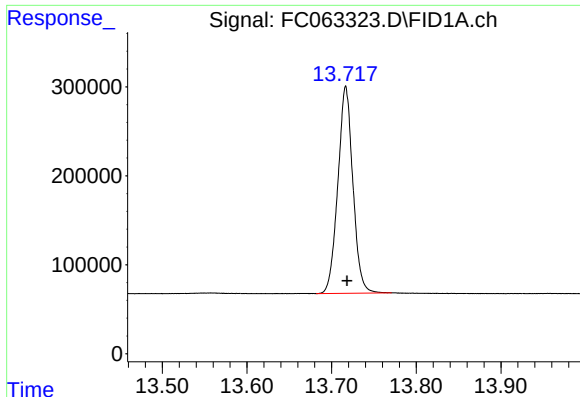
#11 n-Heneicosane (C21)

R.T.: 13.132 min
Delta R.T.: 0.000 min
Response: 2911416
Conc: 21.63 ug/ml



#12 1-chlorooctadecane (SURR)

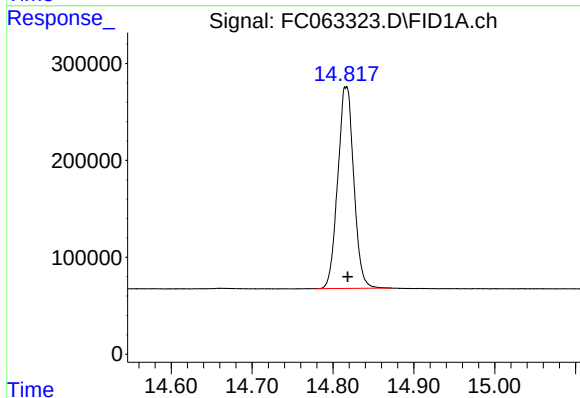
R.T.: 12.965 min
Delta R.T.: -0.002 min
Response: 2395011
Conc: 21.65 ug/ml



#13 n-Docosane (C22)

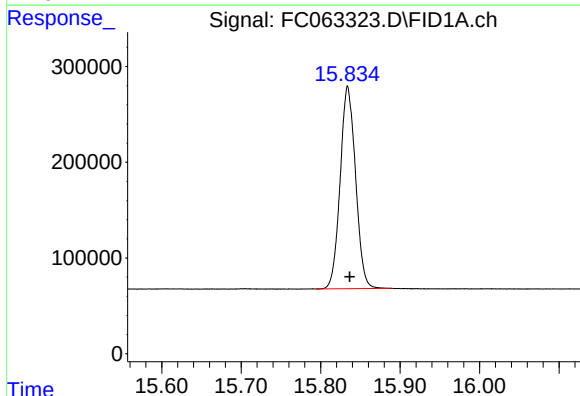
R.T.: 13.717 min
Delta R.T.: -0.002 min
Response: 2867361
Conc: 21.50 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



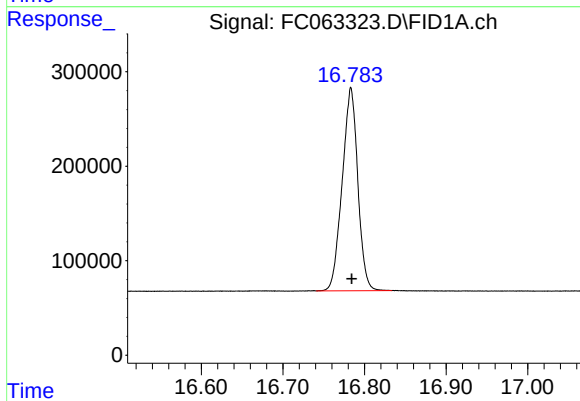
#14 n-Tetracosane (C24)

R.T.: 14.816 min
Delta R.T.: -0.002 min
Response: 2867431
Conc: 21.33 ug/ml



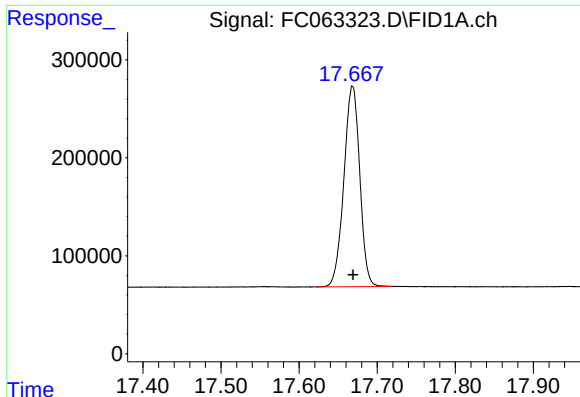
#15 n-Hexacosane (C26)

R.T.: 15.834 min
Delta R.T.: -0.003 min
Response: 2844766
Conc: 21.25 ug/ml



#16 n-Octacosane (C28)

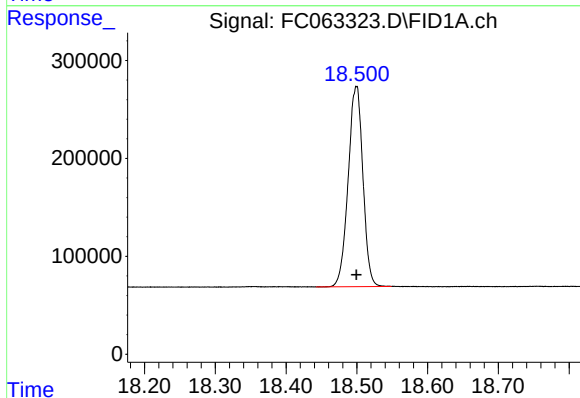
R.T.: 16.783 min
Delta R.T.: 0.000 min
Response: 2856220
Conc: 21.09 ug/ml



#17 n-Tricontane (C30)

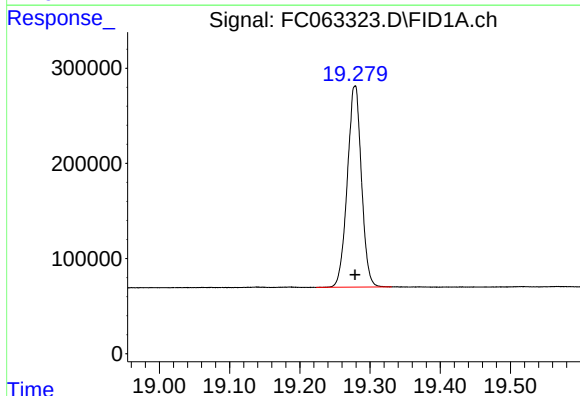
R.T.: 17.668 min
Delta R.T.: 0.000 min
Response: 2894367
Conc: 20.92 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



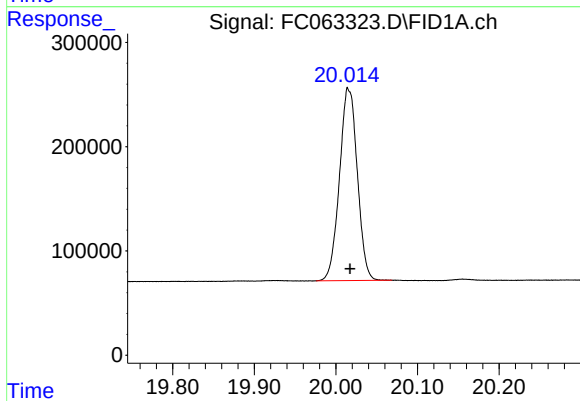
#18 n-Dotriacontane (C32)

R.T.: 18.500 min
Delta R.T.: 0.000 min
Response: 2956459
Conc: 20.94 ug/ml



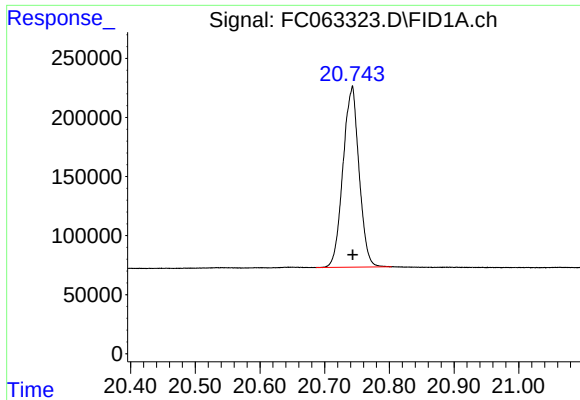
#19 n-Tetratriacontane (C34)

R.T.: 19.279 min
Delta R.T.: 0.000 min
Response: 2953767
Conc: 21.40 ug/ml



#20 n-Hexatriacontane (C36)

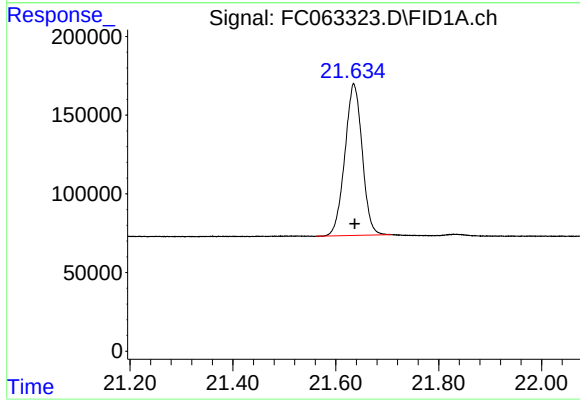
R.T.: 20.015 min
Delta R.T.: -0.002 min
Response: 2804528
Conc: 21.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.743 min
Delta R.T.: 0.000 min
Response: 2636592
Conc: 21.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.635 min
Delta R.T.: -0.002 min
Response: 2250391
Conc: 19.12 ug/ml