

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041323AL\
 Data File : FC063364.D
 Signal(s) : FID1A.ch
 Acq On : 13 Apr 2023 11:45
 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 14 01:34:19 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)	11.528	3184678	20.932 ug/ml
Spiked Amount 50.000		Recovery =	41.86%
12) S 1-chlorooctadecane (S...	12.966	2346103	21.204 ug/ml
Spiked Amount 50.000		Recovery =	42.41%
Target Compounds			
1) T n-Nonane (C9)	3.292	2854327	20.330 ug/ml
2) T n-Decane (C10)	4.361	2821693	20.706 ug/ml
3) T A~Naphthalene (C11.7)	5.945	3094672	20.494 ug/ml
4) T n-Dodecane (C12)	6.381	2819912	20.962 ug/ml
5) T A~2-methylnaphthalene...	7.002	2865743	20.575 ug/ml
6) T n-Tetradecane (C14)	8.174	2773045	20.484 ug/ml
7) T n-Hexadecane (C16)	9.775	2851926	21.001 ug/ml
8) T n-Octadecane (C18)	11.214	2903109	20.959 ug/ml
10) T n-Eicosane (C20)	12.523	2814243	20.947 ug/ml
11) T n-Heneicosane (C21)	13.134	2819101	20.946 ug/ml
13) T n-Docosane (C22)	13.719	2783239	20.871 ug/ml
14) T n-Tetracosane (C24)	14.819	2781762	20.689 ug/ml
15) T n-Hexacosane (C26)	15.838	2771398	20.705 ug/ml
16) T n-Octacosane (C28)	16.785	2816757	20.803 ug/ml
17) T n-Tricontane (C30)	17.671	2960090	21.398 ug/ml
18) T n-Dotriacontane (C32)	18.503	3070264	21.747 ug/ml
19) T n-Tetratriacontane (C34)	19.284	3014277	21.842 ug/ml
20) T n-Hexatriacontane (C36)	20.020	2851618	22.310 ug/ml
21) T n-Octatriacontane (C38)	20.746	2798198	22.725 ug/ml
22) T n-Tetracontane (C40)	21.643	2728261	23.184 ug/ml

(f)=RT Delta > 1/2 Window

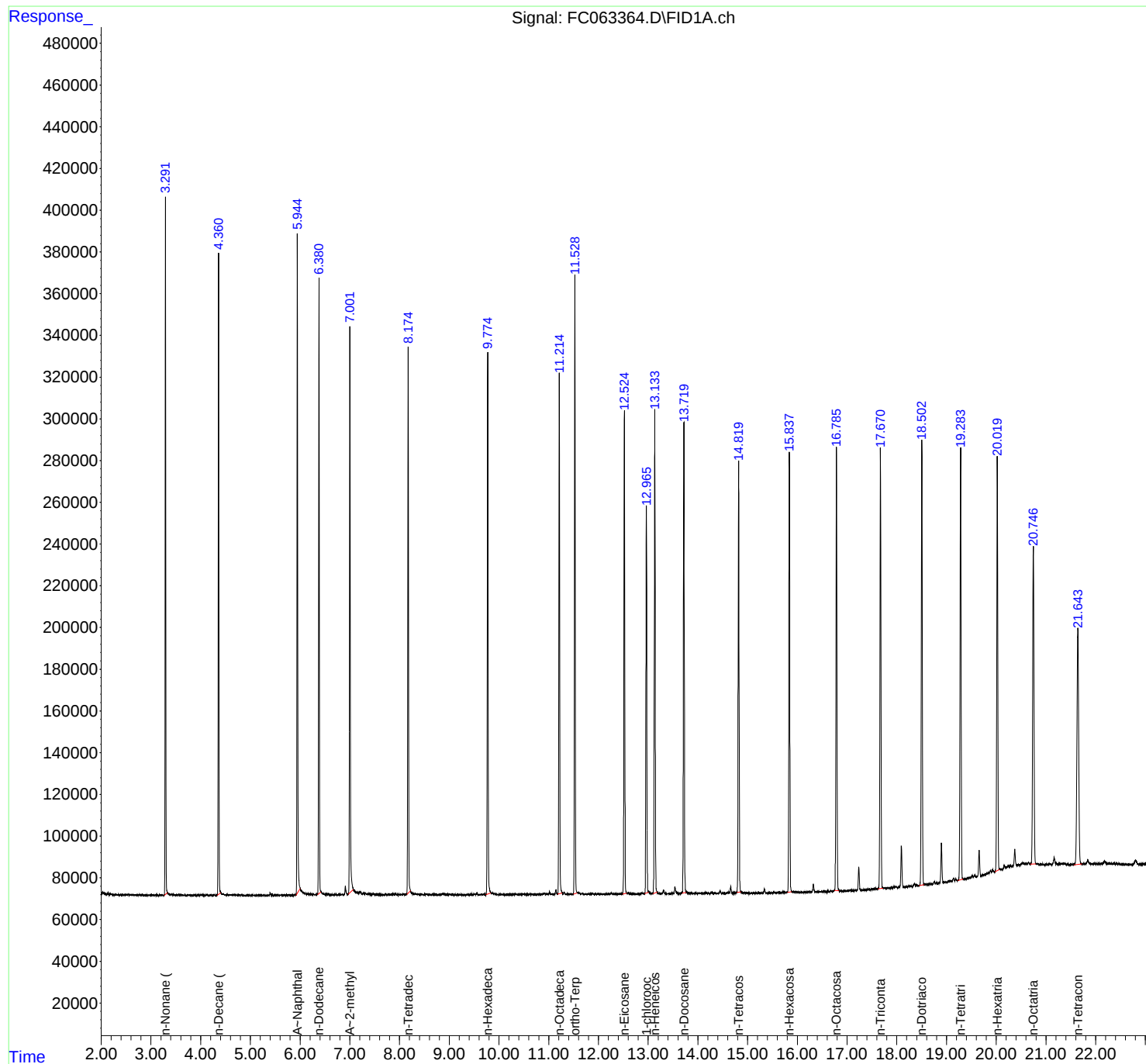
(m)=manual int.

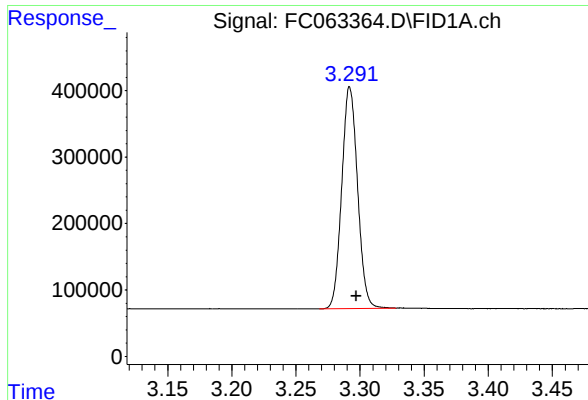
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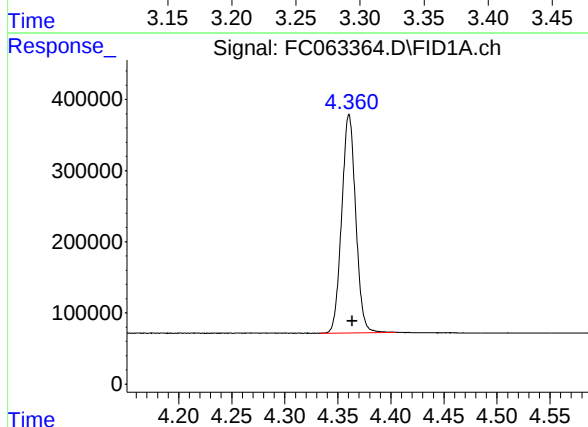




#1 n-Nonane (C9)

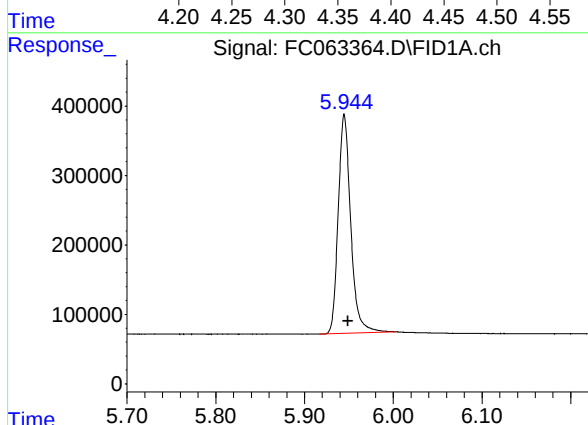
R.T.: 3.292 min
Delta R.T.: -0.005 min
Response: 2854327
Conc: 20.33 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



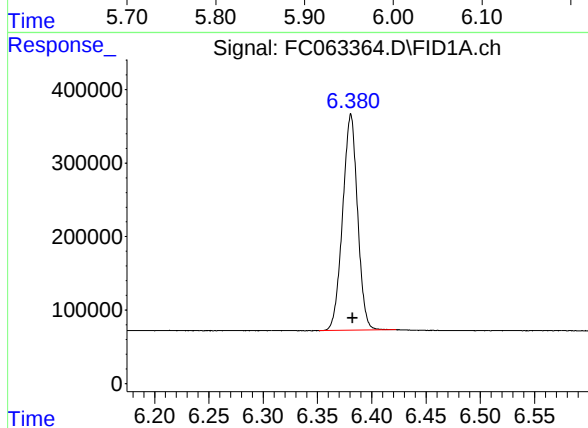
#2 n-Decane (C10)

R.T.: 4.361 min
Delta R.T.: -0.003 min
Response: 2821693
Conc: 20.71 ug/ml



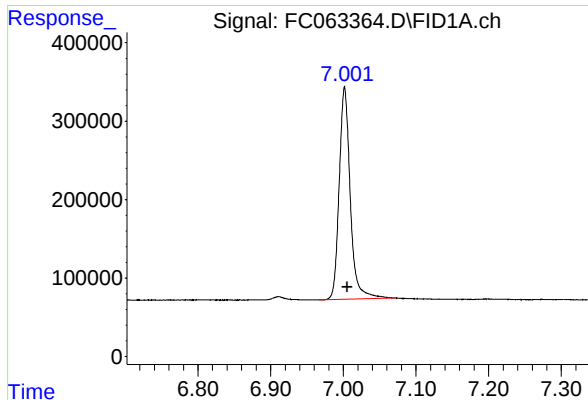
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.004 min
Response: 3094672
Conc: 20.49 ug/ml



#4 n-Dodecane (C12)

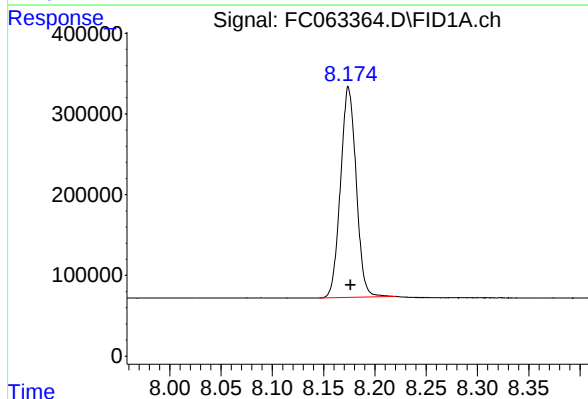
R.T.: 6.381 min
Delta R.T.: -0.002 min
Response: 2819912
Conc: 20.96 ug/ml



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

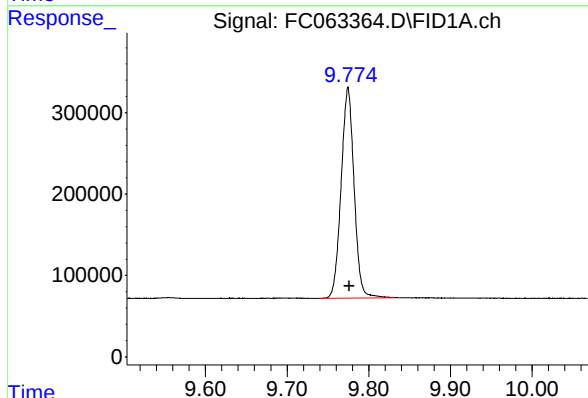
R.T.: 7.002 min
Delta R.T.: -0.003 min
Response: 2865743
Conc: 20.58 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



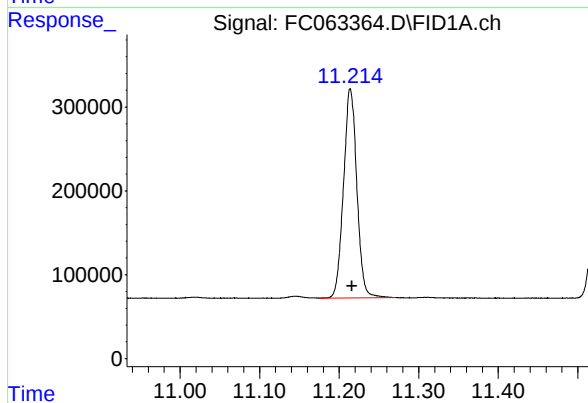
#6 n-Tetradecane (C14)

R.T.: 8.174 min
Delta R.T.: -0.002 min
Response: 2773045
Conc: 20.48 ug/ml



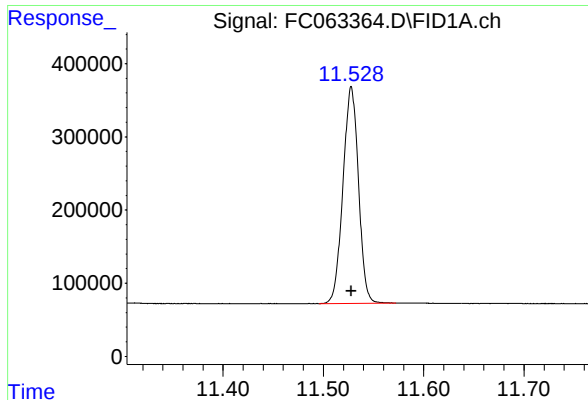
#7 n-Hexadecane (C16)

R.T.: 9.775 min
Delta R.T.: -0.001 min
Response: 2851926
Conc: 21.00 ug/ml



#8 n-Octadecane (C18)

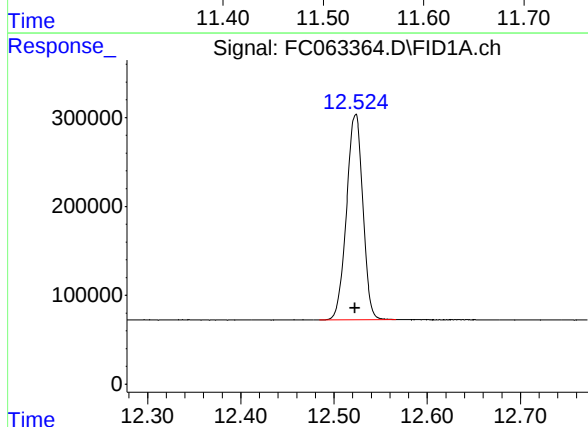
R.T.: 11.214 min
Delta R.T.: -0.002 min
Response: 2903109
Conc: 20.96 ug/ml



#9 ortho-Terphenyl (SURR)

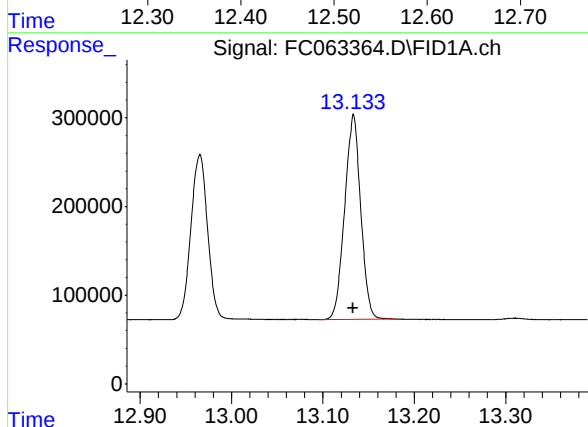
R.T.: 11.528 min
Delta R.T.: 0.000 min
Response: 3184678
Conc: 20.93 ug/ml

Instrument :
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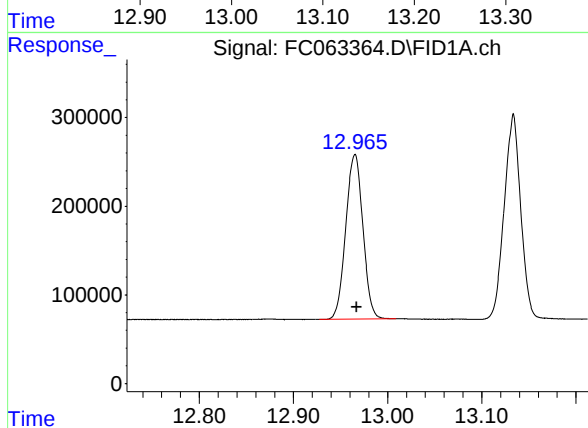
#10 n-Eicosane (C20)

R.T.: 12.523 min
Delta R.T.: 0.000 min
Response: 2814243
Conc: 20.95 ug/ml



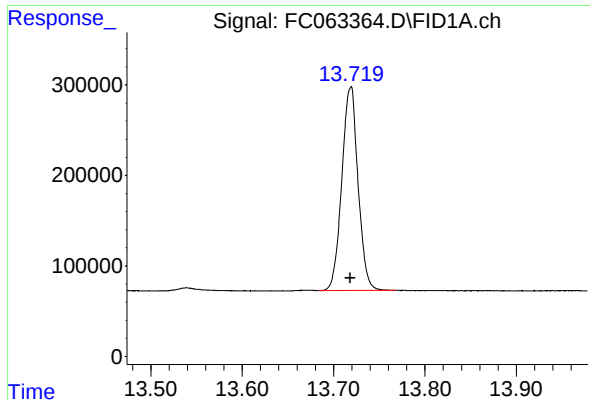
#11 n-Heneicosane (C21)

R.T.: 13.134 min
Delta R.T.: 0.000 min
Response: 2819101
Conc: 20.95 ug/ml



#12 1-chlorooctadecane (SURR)

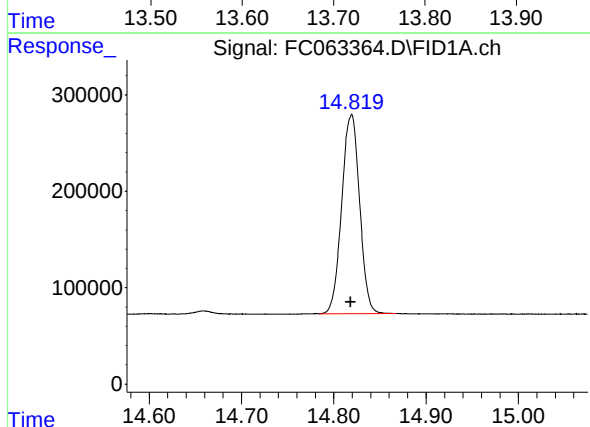
R.T.: 12.966 min
Delta R.T.: -0.001 min
Response: 2346103
Conc: 21.20 ug/ml



#13 n-Docosane (C22)

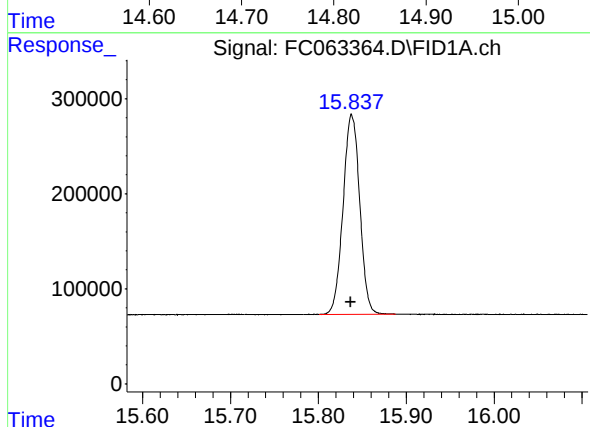
R.T.: 13.719 min
Delta R.T.: 0.000 min
Response: 2783239
Conc: 20.87 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



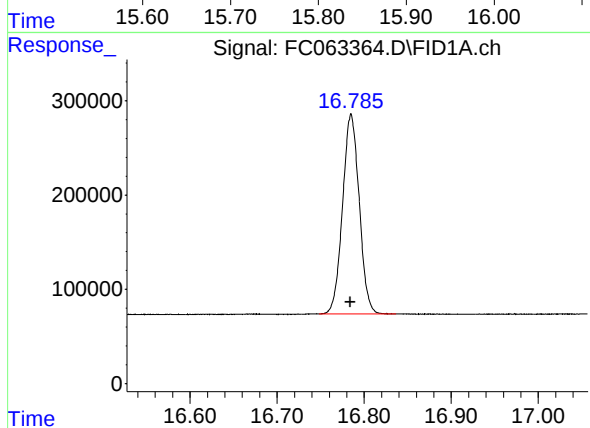
#14 n-Tetracosane (C24)

R.T.: 14.819 min
Delta R.T.: 0.000 min
Response: 2781762
Conc: 20.69 ug/ml



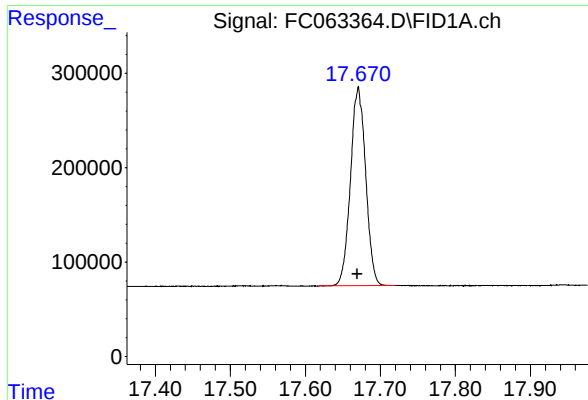
#15 n-Hexacosane (C26)

R.T.: 15.838 min
Delta R.T.: 0.001 min
Response: 2771398
Conc: 20.70 ug/ml



#16 n-Octacosane (C28)

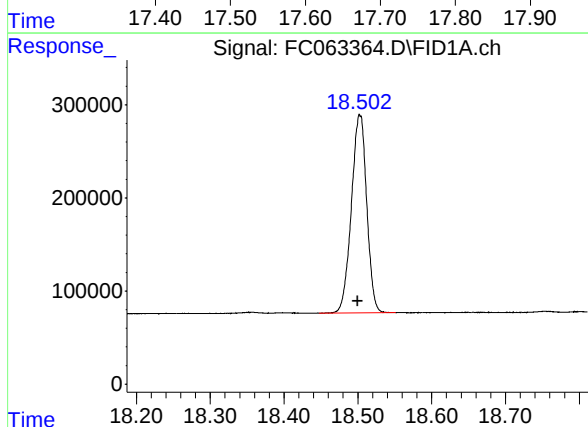
R.T.: 16.785 min
Delta R.T.: 0.000 min
Response: 2816757
Conc: 20.80 ug/ml



#17 n-Tricontane (C30)

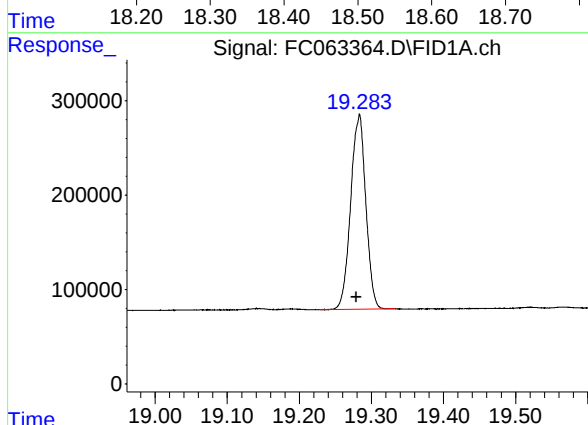
R.T.: 17.671 min
Delta R.T.: 0.001 min
Response: 2960090
Conc: 21.40 ug/ml

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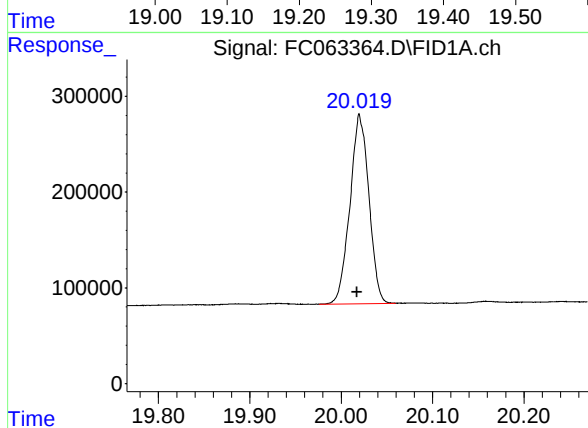
#18 n-Dotriacontane (C32)

R.T.: 18.503 min
Delta R.T.: 0.004 min
Response: 3070264
Conc: 21.75 ug/ml



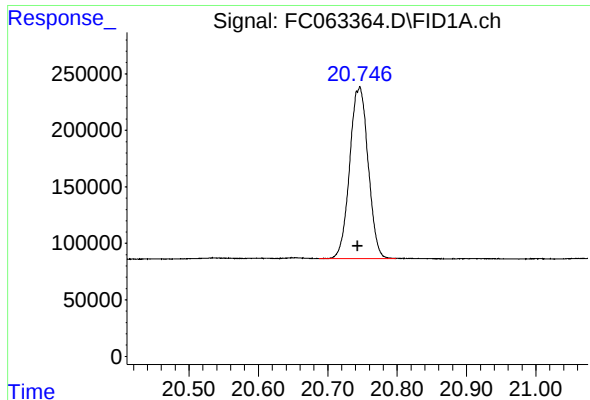
#19 n-Tetatriacontane (C34)

R.T.: 19.284 min
Delta R.T.: 0.005 min
Response: 3014277
Conc: 21.84 ug/ml



#20 n-Hexatriacontane (C36)

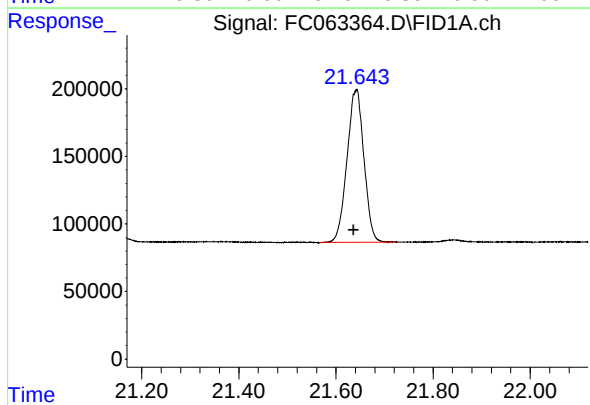
R.T.: 20.020 min
Delta R.T.: 0.003 min
Response: 2851618
Conc: 22.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.746 min
Delta R.T.: 0.003 min
Response: 2798198
Conc: 22.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.643 min
Delta R.T.: 0.006 min
Response: 2728261
Conc: 23.18 ug/ml