

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080723AL\
 Data File : FC064334.D
 Signal(s) : FID1A.ch
 Acq On : 07 Aug 2023 12:37
 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: Aug 08 02:47:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 24 01:54:49 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)	11.514	4242879	23.782 ug/ml
Spiked Amount 50.000		Recovery =	47.56%
12) S 1-chlorooctadecane (S...	12.948	2824369	22.396 ug/ml
Spiked Amount 50.000		Recovery =	44.79%
Target Compounds			
1) T n-Nonane (C9)	3.307	3960360	24.408 ug/ml
2) T n-Decane (C10)	4.367	3976674	24.319 ug/ml
3) T A~Naphthalene (C11.7)	5.948	4006055	24.684 ug/ml
4) T n-Dodecane (C12)	6.379	3981297	24.387 ug/ml
5) T A~2-methylnaphthalene...	7.002	3724717	24.445 ug/ml
6) T n-Tetradecane (C14)	8.169	3803338	24.224 ug/ml
7) T n-Hexadecane (C16)	9.764	3741167	23.793 ug/ml
8) T n-Octadecane (C18)	11.200	3729305	23.538 ug/ml
10) T n-Eicosane (C20)	12.505	3498124	23.439 ug/ml
11) T n-Heneicosane (C21)	13.115	3420071	23.433 ug/ml
13) T n-Docosane (C22)	13.701	3358724	23.533 ug/ml
14) T n-Tetracosane (C24)	14.798	3305276	23.532 ug/ml
15) T n-Hexacosane (C26)	15.816	3246888	23.645 ug/ml
16) T n-Octacosane (C28)	16.762	3191813	23.802 ug/ml
17) T n-Tricontane (C30)	17.645	3251956	23.429 ug/ml
18) T n-Dotriacontane (C32)	18.473	3232249	22.969 ug/ml
19) T n-Tetratriacontane (C34)	19.255	3161447	22.770 ug/ml
20) T n-Hexatriacontane (C36)	19.991	3025226	22.296 ug/ml
21) T n-Octatriacontane (C38)	20.710	2796284	20.616 ug/ml
22) T n-Tetracontane (C40)	21.594	2379243	17.713 ug/ml

(f)=RT Delta > 1/2 Window

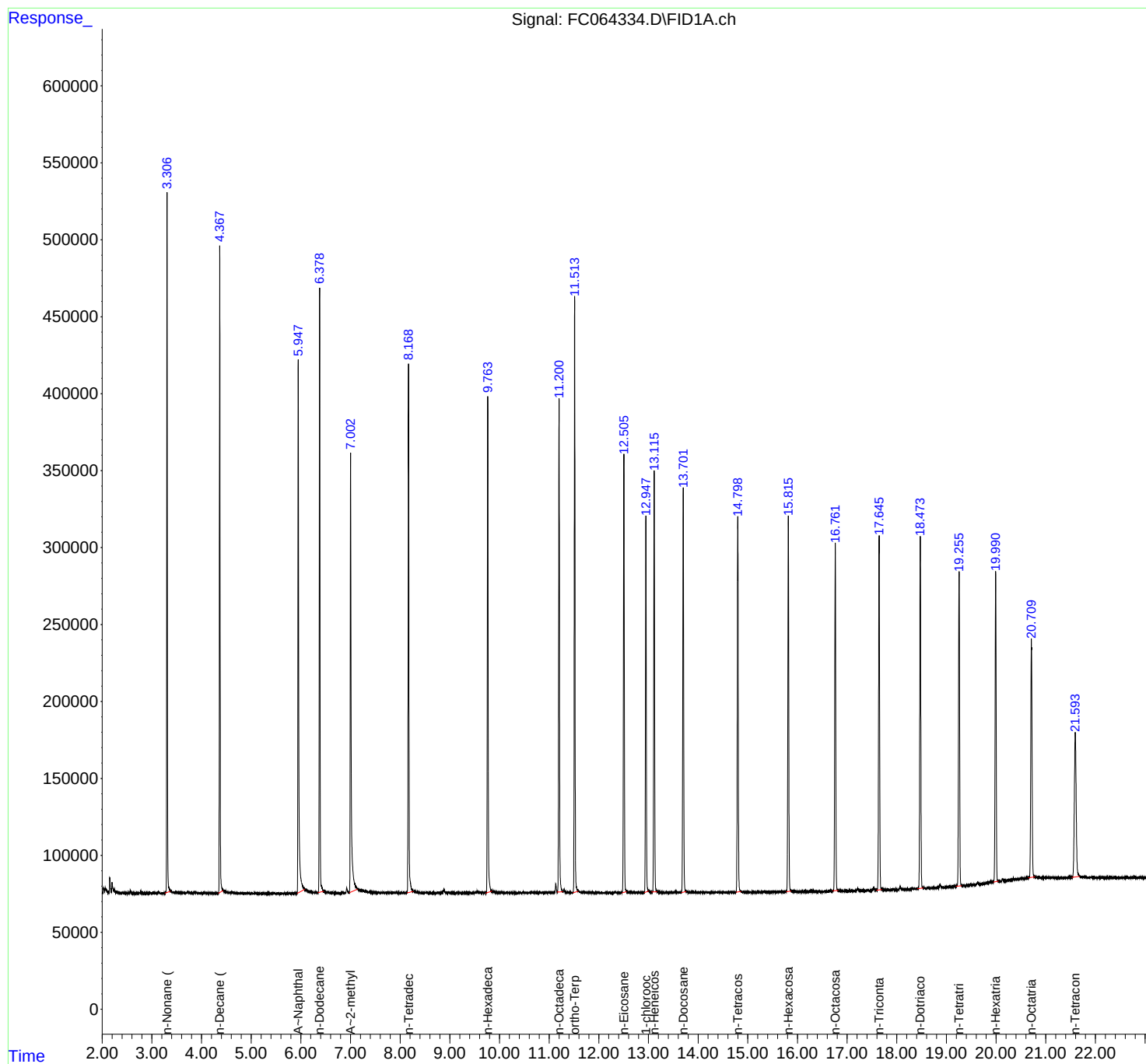
(m)=manual int.

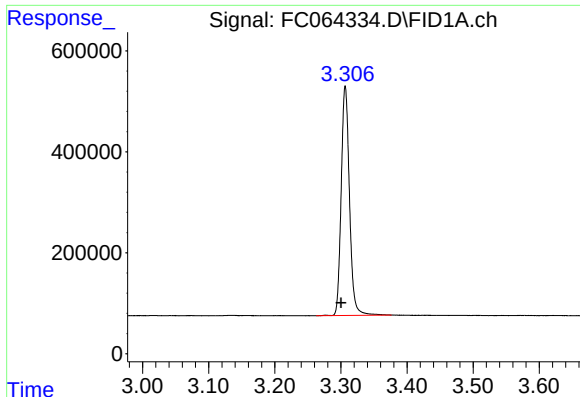
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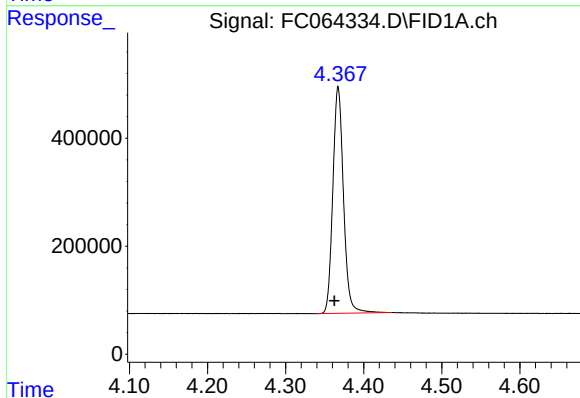




#1 n-Nonane (C9)

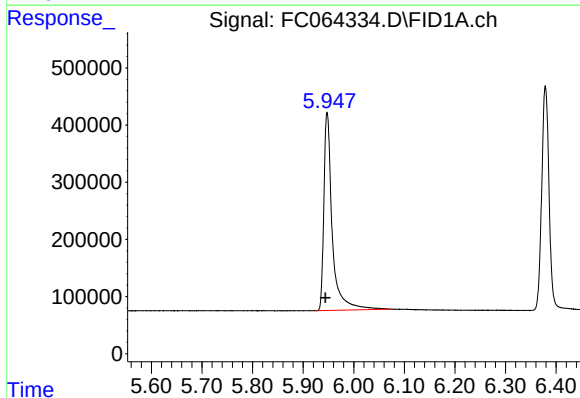
R.T.: 3.307 min
Delta R.T.: 0.007 min
Response: 3960360
Conc: 24.41 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



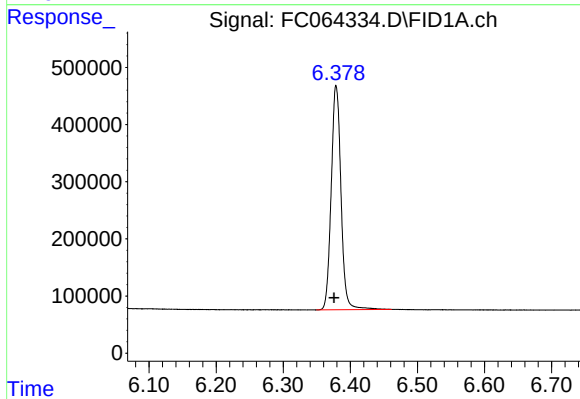
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: 0.005 min
Response: 3976674
Conc: 24.32 ug/ml



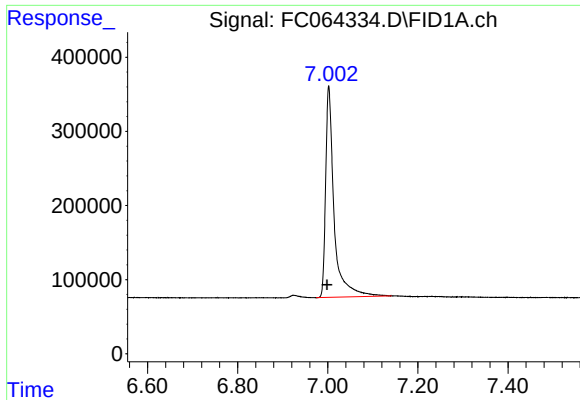
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: 0.004 min
Response: 4006055
Conc: 24.68 ug/ml



#4 n-Dodecane (C12)

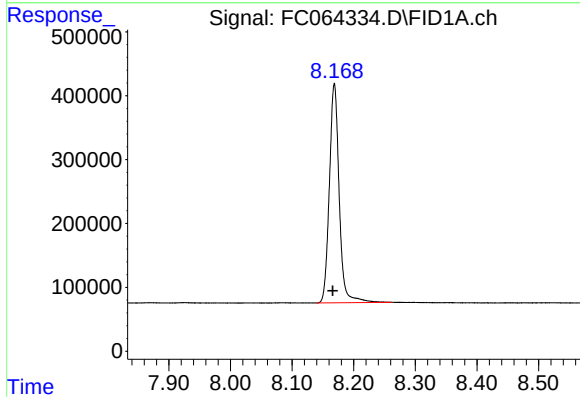
R.T.: 6.379 min
Delta R.T.: 0.003 min
Response: 3981297
Conc: 24.39 ug/ml



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

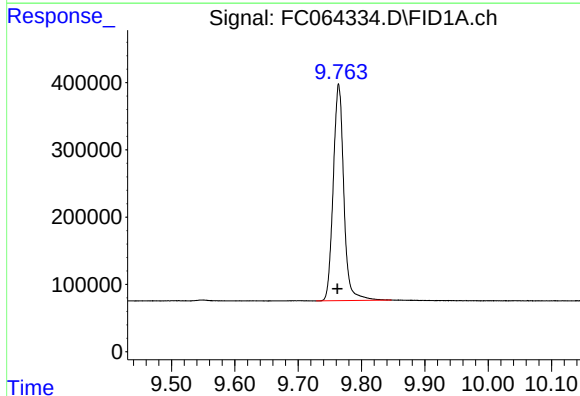
R.T.: 7.002 min
Delta R.T.: 0.004 min
Response: 3724717
Conc: 24.45 ug/ml

Instrument :
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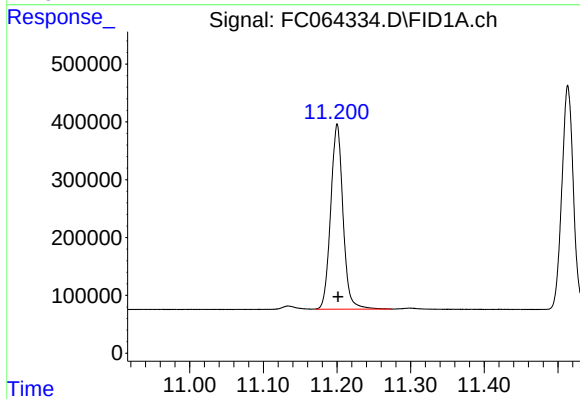
#6 n-Tetradecane (C14)

R.T.: 8.169 min
Delta R.T.: 0.003 min
Response: 3803338
Conc: 24.22 ug/ml



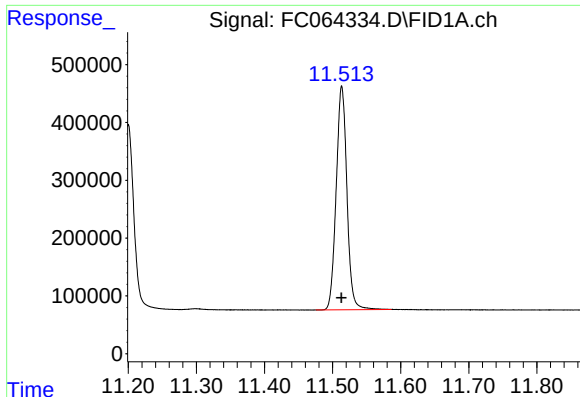
#7 n-Hexadecane (C16)

R.T.: 9.764 min
Delta R.T.: 0.002 min
Response: 3741167
Conc: 23.79 ug/ml



#8 n-Octadecane (C18)

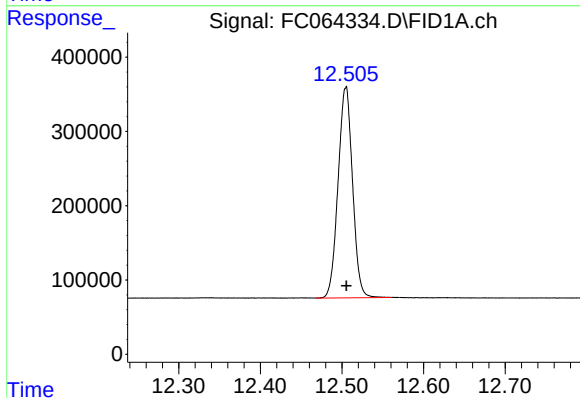
R.T.: 11.200 min
Delta R.T.: -0.001 min
Response: 3729305
Conc: 23.54 ug/ml



#9 ortho-Terphenyl (SURR)

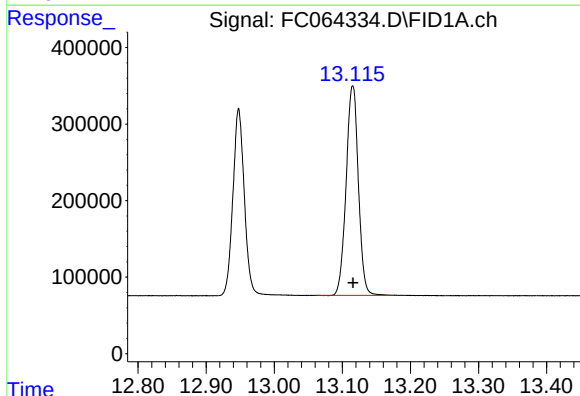
R.T.: 11.514 min
Delta R.T.: 0.000 min
Response: 4242879
Conc: 23.78 ug/ml

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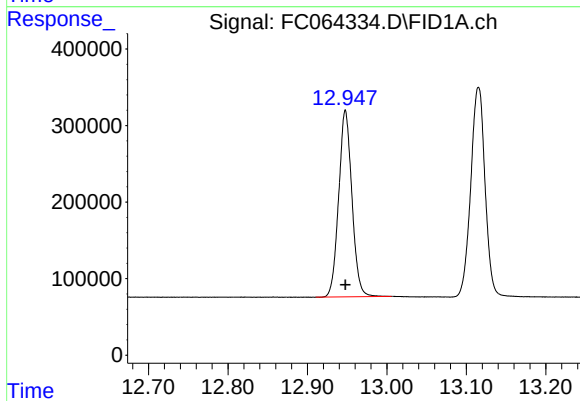
#10 n-Eicosane (C20)

R.T.: 12.505 min
Delta R.T.: 0.000 min
Response: 3498124
Conc: 23.44 ug/ml



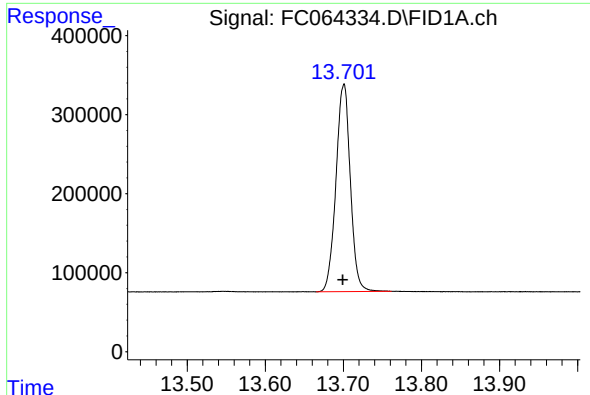
#11 n-Heneicosane (C21)

R.T.: 13.115 min
Delta R.T.: 0.000 min
Response: 3420071
Conc: 23.43 ug/ml



#12 1-chlorooctadecane (SURR)

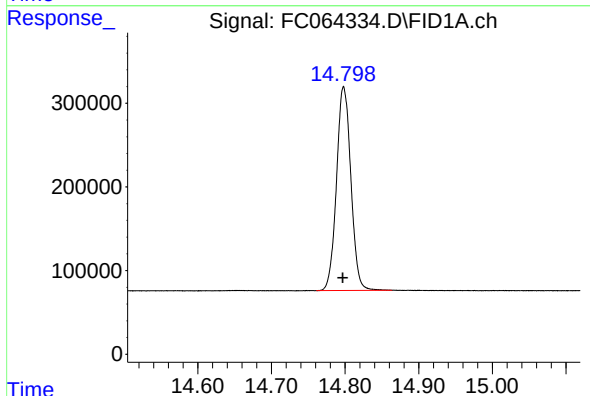
R.T.: 12.948 min
Delta R.T.: 0.000 min
Response: 2824369
Conc: 22.40 ug/ml



#13 n-Docosane (C22)

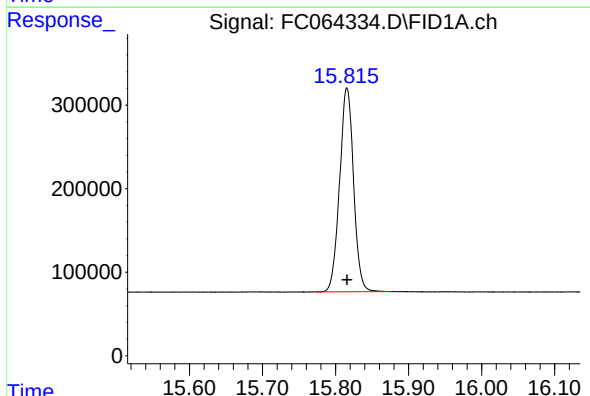
R.T.: 13.701 min
Delta R.T.: 0.001 min
Response: 3358724
Conc: 23.53 ug/ml

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20 PPM ALIPHATIC HC STD



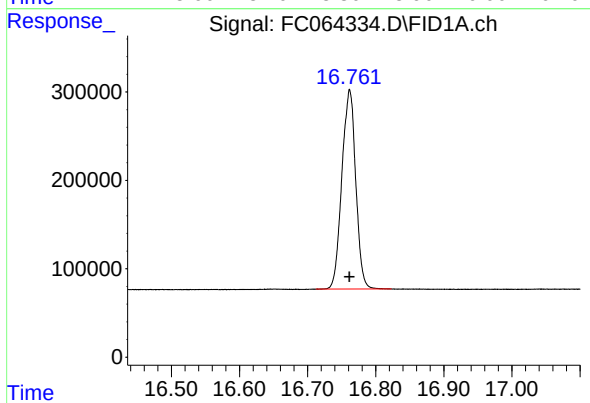
#14 n-Tetracosane (C24)

R.T.: 14.798 min
Delta R.T.: 0.001 min
Response: 3305276
Conc: 23.53 ug/ml



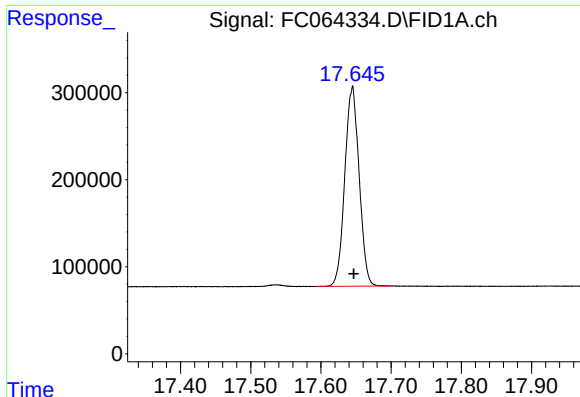
#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: 0.000 min
Response: 3246888
Conc: 23.64 ug/ml



#16 n-Octacosane (C28)

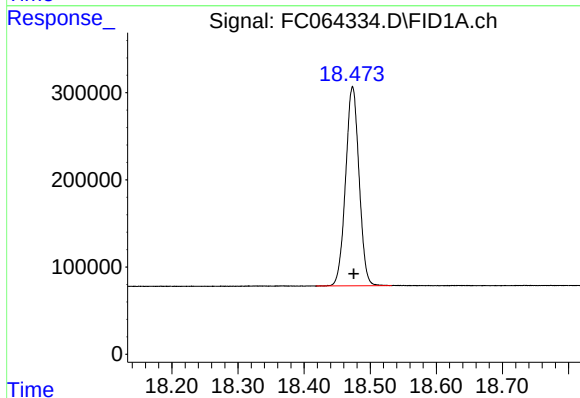
R.T.: 16.762 min
Delta R.T.: 0.000 min
Response: 3191813
Conc: 23.80 ug/ml



#17 n-Tricontane (C30)

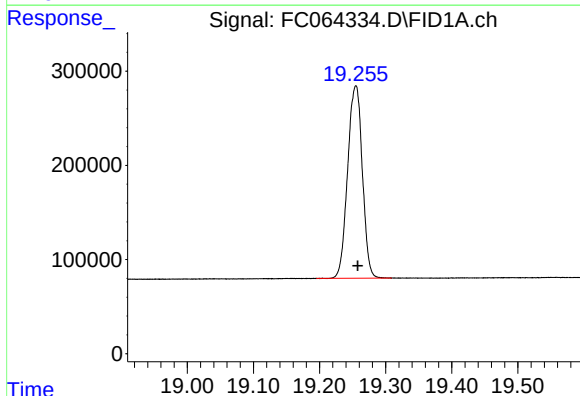
R.T.: 17.645 min
Delta R.T.: -0.002 min
Response: 3251956
Conc: 23.43 ug/ml

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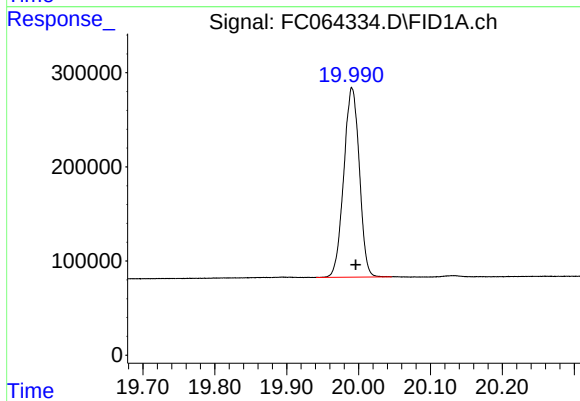
#18 n-Dotriacontane (C32)

R.T.: 18.473 min
Delta R.T.: -0.002 min
Response: 3232249
Conc: 22.97 ug/ml



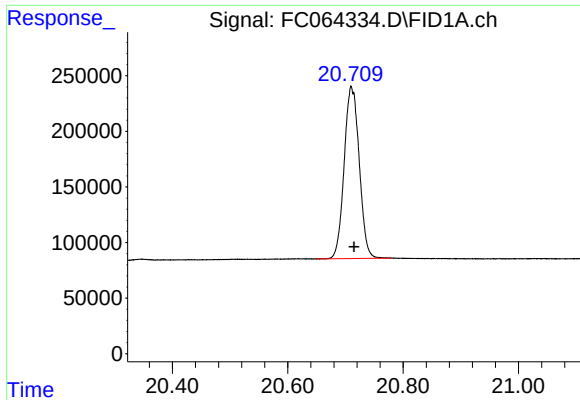
#19 n-Tetratriacontane (C34)

R.T.: 19.255 min
Delta R.T.: -0.003 min
Response: 3161447
Conc: 22.77 ug/ml



#20 n-Hexatriacontane (C36)

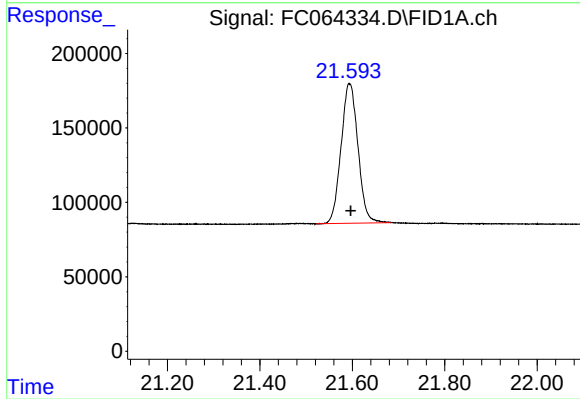
R.T.: 19.991 min
Delta R.T.: -0.005 min
Response: 3025226
Conc: 22.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.710 min
Delta R.T.: -0.005 min
Response: 2796284
Conc: 20.62 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.594 min
Delta R.T.: -0.003 min
Response: 2379243
Conc: 17.71 ug/ml