

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091823AL\
 Data File : FC064600.D
 Signal(s) : FID1A.ch
 Acq On : 18 Sep 2023 14:49
 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: Sep 18 15:25:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 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)	11.504	4343030	21.464 ug/ml
Spiked Amount 50.000		Recovery =	42.93%
12) S 1-chlorooctadecane (S...	12.940	3163622	21.720 ug/ml
Spiked Amount 50.000		Recovery =	43.44%
Target Compounds			
1) T n-Nonane (C9)	3.300	3659194	20.706 ug/ml
2) T n-Decane (C10)	4.360	3709794	20.650 ug/ml
3) T A~Naphthalene (C11.7)	5.938	3928640	20.912 ug/ml
4) T n-Dodecane (C12)	6.370	3769410	20.752 ug/ml
5) T A~2-methylnaphthalene...	6.992	3750321	21.030 ug/ml
6) T n-Tetradecane (C14)	8.159	3672572	20.698 ug/ml
7) T n-Hexadecane (C16)	9.755	3685373	20.502 ug/ml
8) T n-Octadecane (C18)	11.192	3699528	20.433 ug/ml
10) T n-Eicosane (C20)	12.496	3564309	20.925 ug/ml
11) T n-Heneicosane (C21)	13.107	3494481	21.099 ug/ml
13) T n-Docosane (C22)	13.690	3435100	21.086 ug/ml
14) T n-Tetracosane (C24)	14.789	3332117	20.988 ug/ml
15) T n-Hexacosane (C26)	15.806	3200555	20.967 ug/ml
16) T n-Octacosane (C28)	16.752	3067438	20.726 ug/ml
17) T n-Tricontane (C30)	17.636	3020342	20.331 ug/ml
18) T n-Dotriacontane (C32)	18.467	2935604	20.115 ug/ml
19) T n-Tetratriacontane (C34)	19.246	2817999	19.822 ug/ml
20) T n-Hexatriacontane (C36)	19.984	2755811	20.008 ug/ml
21) T n-Octatriacontane (C38)	20.702	2667104	19.461 ug/ml
22) T n-Tetracontane (C40)	21.583	2546646	18.722 ug/ml

(f)=RT Delta > 1/2 Window

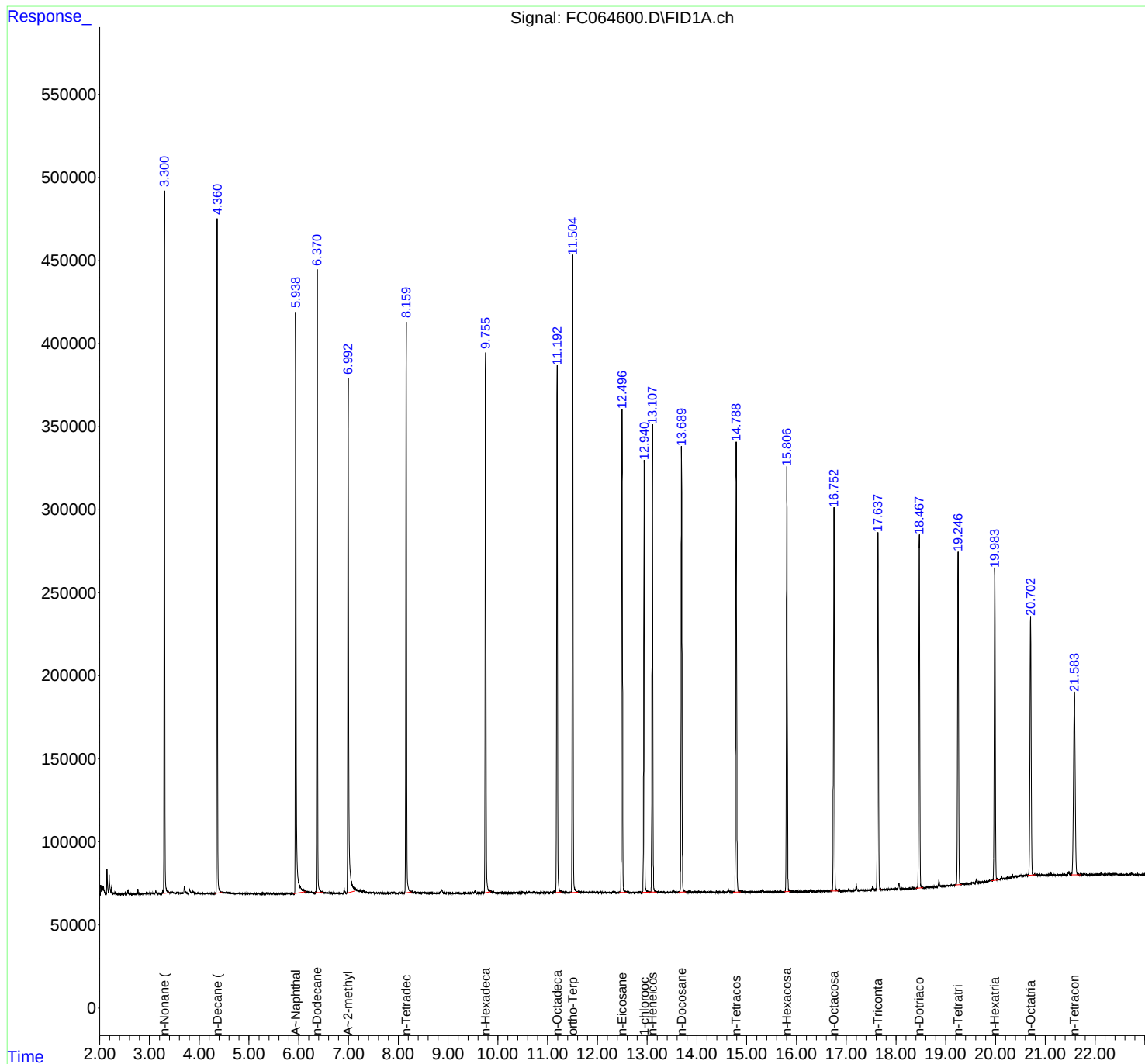
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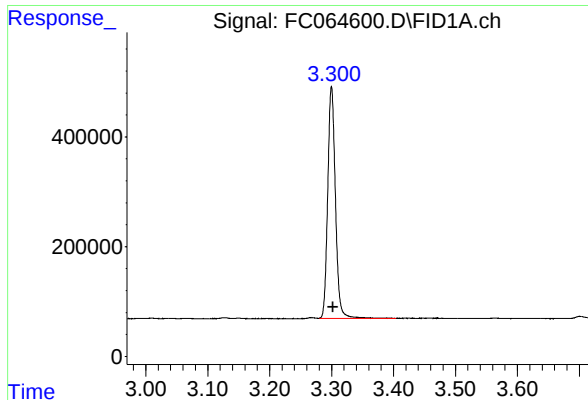
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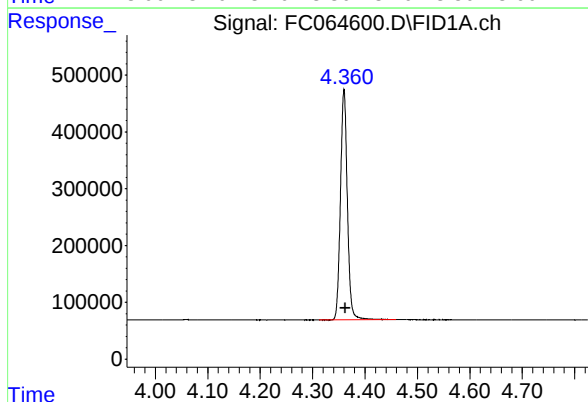




#1 n-Nonane (C9)

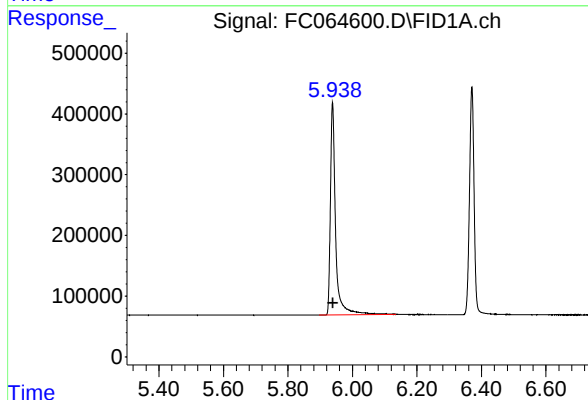
R.T.: 3.300 min
Delta R.T.: -0.002 min
Response: 3659194
Conc: 20.71 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



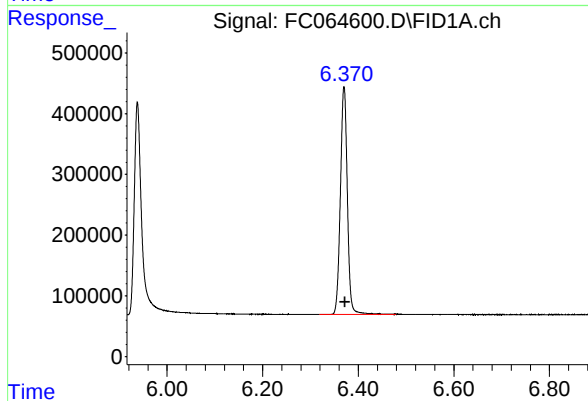
#2 n-Decane (C10)

R.T.: 4.360 min
Delta R.T.: -0.002 min
Response: 3709794
Conc: 20.65 ug/ml



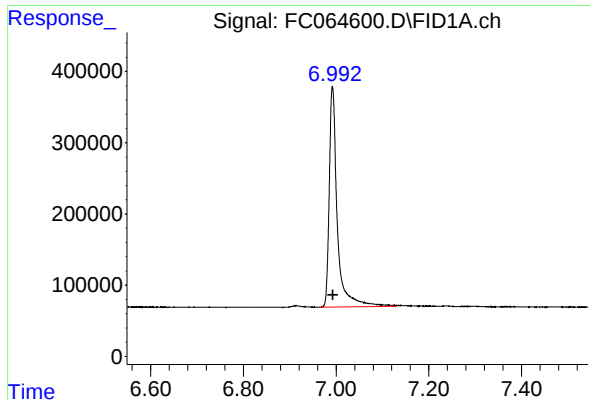
#3 A~Naphthalene (C11.7)

R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 3928640
Conc: 20.91 ug/ml



#4 n-Dodecane (C12)

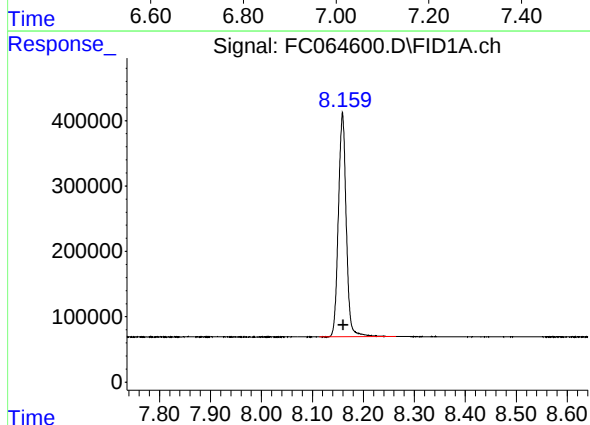
R.T.: 6.370 min
Delta R.T.: -0.002 min
Response: 3769410
Conc: 20.75 ug/ml



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

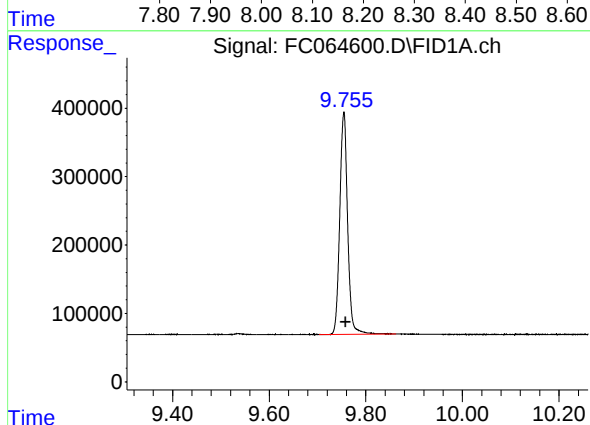
R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 3750321
Conc: 21.03 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



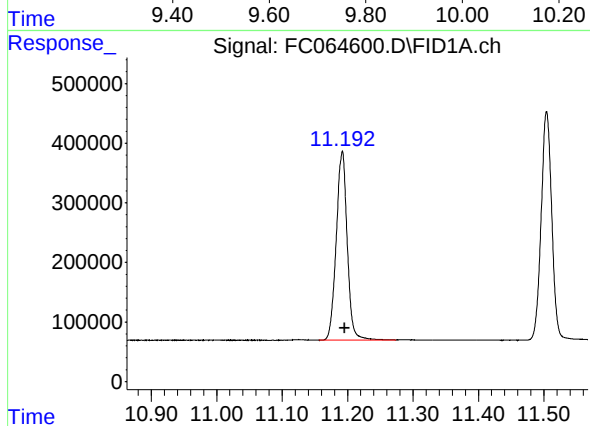
#6 n-Tetradecane (C14)

R.T.: 8.159 min
Delta R.T.: -0.002 min
Response: 3672572
Conc: 20.70 ug/ml



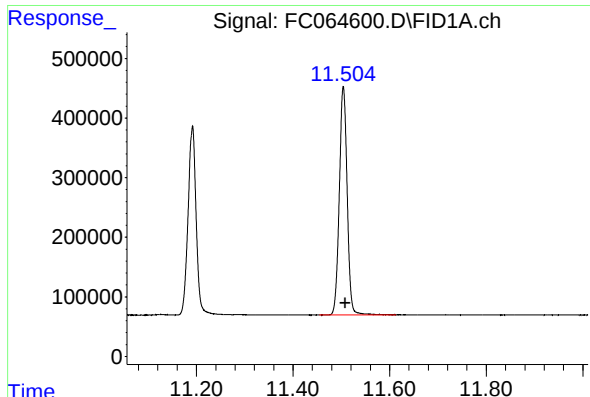
#7 n-Hexadecane (C16)

R.T.: 9.755 min
Delta R.T.: -0.004 min
Response: 3685373
Conc: 20.50 ug/ml



#8 n-Octadecane (C18)

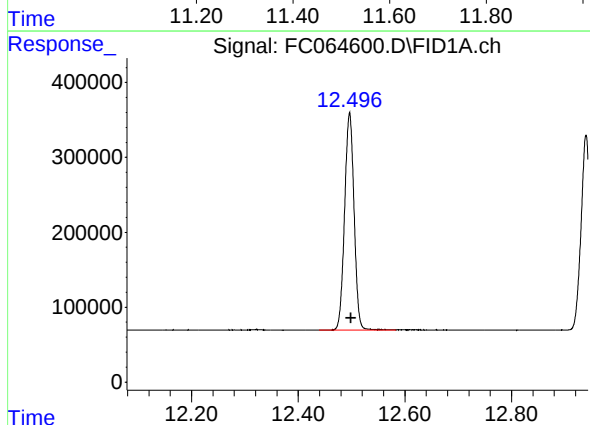
R.T.: 11.192 min
Delta R.T.: -0.003 min
Response: 3699528
Conc: 20.43 ug/ml



#9 ortho-Terphenyl (SURR)

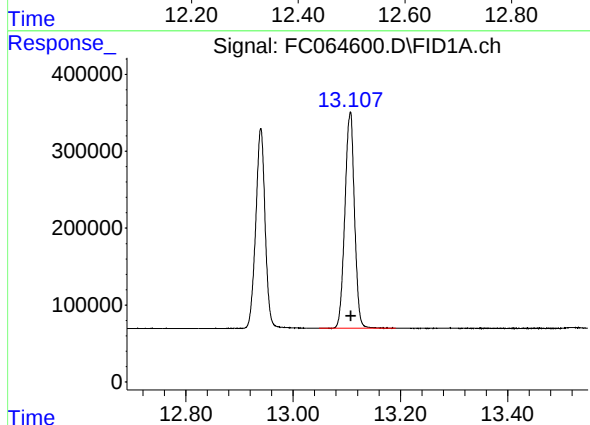
R.T.: 11.504 min
Delta R.T.: -0.004 min
Response: 4343030
Conc: 21.46 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



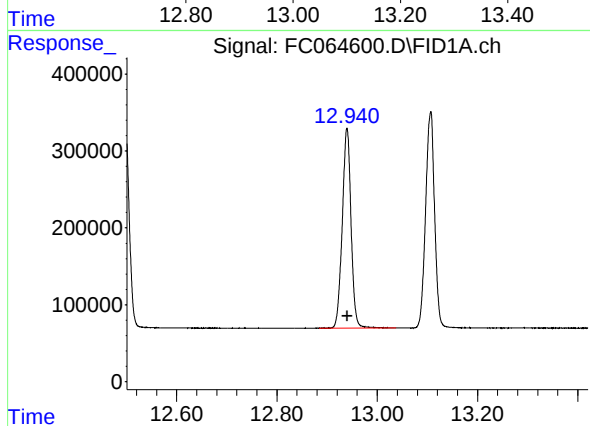
#10 n-Eicosane (C20)

R.T.: 12.496 min
Delta R.T.: -0.003 min
Response: 3564309
Conc: 20.92 ug/ml



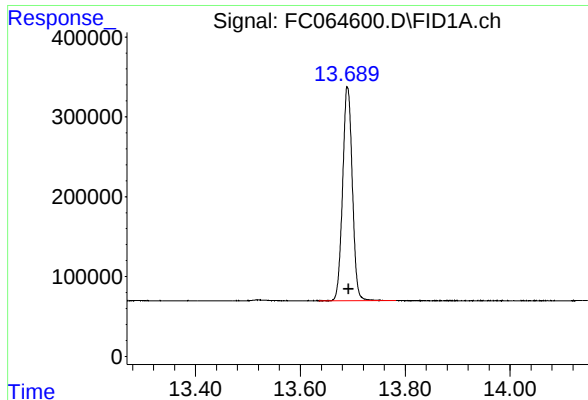
#11 n-Heneicosane (C21)

R.T.: 13.107 min
Delta R.T.: -0.001 min
Response: 3494481
Conc: 21.10 ug/ml



#12 1-chlorooctadecane (SURR)

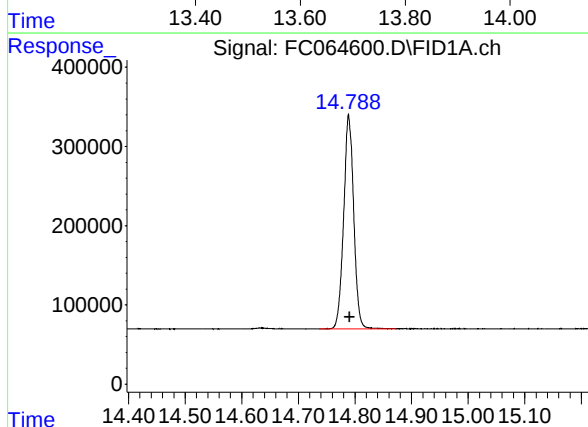
R.T.: 12.940 min
Delta R.T.: 0.000 min
Response: 3163622
Conc: 21.72 ug/ml



#13 n-Docosane (C22)

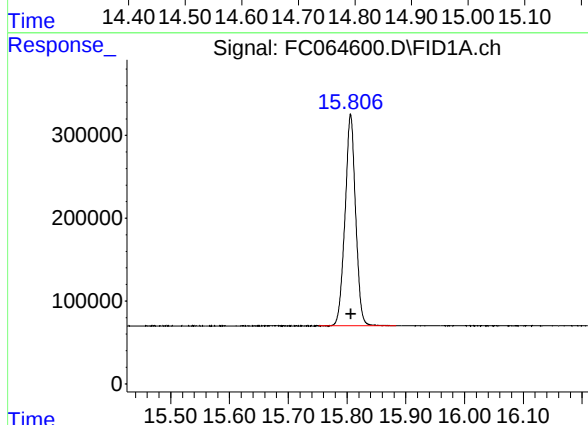
R.T.: 13.690 min
Delta R.T.: -0.002 min
Response: 3435100
Conc: 21.09 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



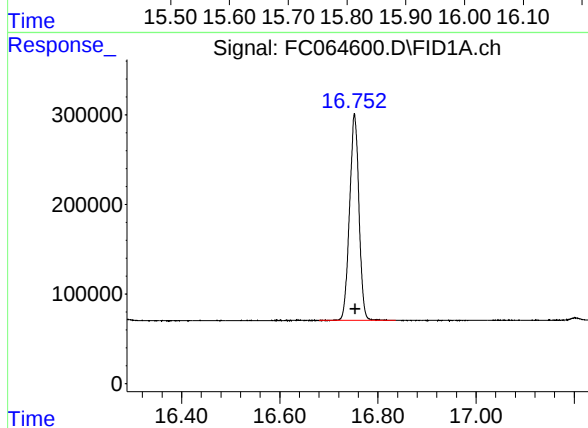
#14 n-Tetracosane (C24)

R.T.: 14.789 min
Delta R.T.: -0.001 min
Response: 3332117
Conc: 20.99 ug/ml



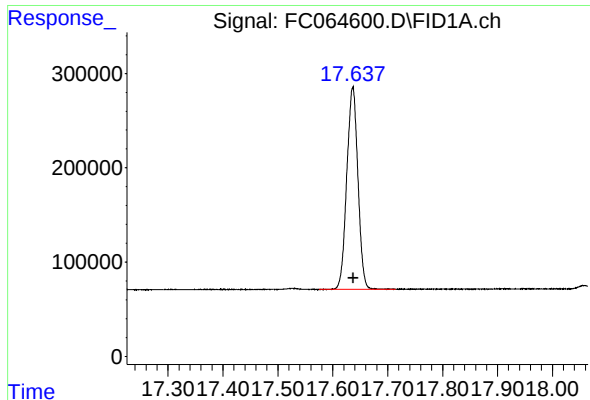
#15 n-Hexacosane (C26)

R.T.: 15.806 min
Delta R.T.: 0.000 min
Response: 3200555
Conc: 20.97 ug/ml



#16 n-Octacosane (C28)

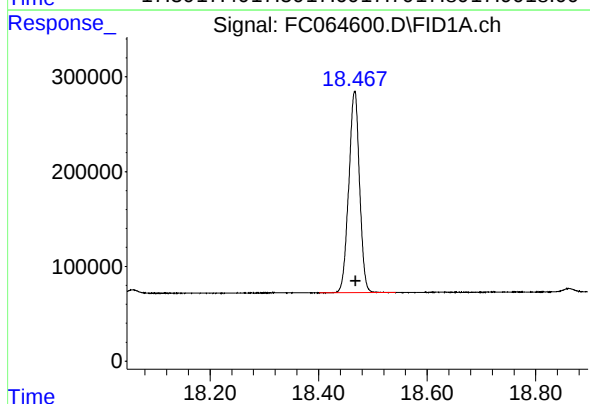
R.T.: 16.752 min
Delta R.T.: -0.001 min
Response: 3067438
Conc: 20.73 ug/ml



#17 n-Tricontane (C30)

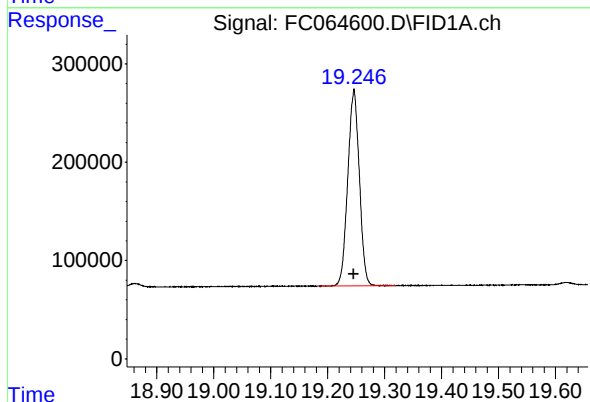
R.T.: 17.636 min
Delta R.T.: 0.000 min
Response: 3020342
Conc: 20.33 ug/ml

Instrument :
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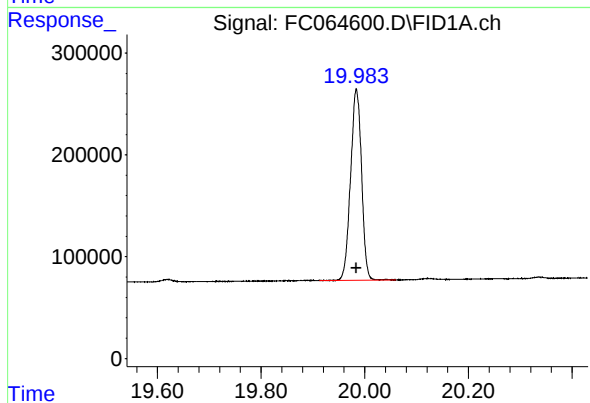
#18 n-Dotriacontane (C32)

R.T.: 18.467 min
Delta R.T.: -0.002 min
Response: 2935604
Conc: 20.12 ug/ml



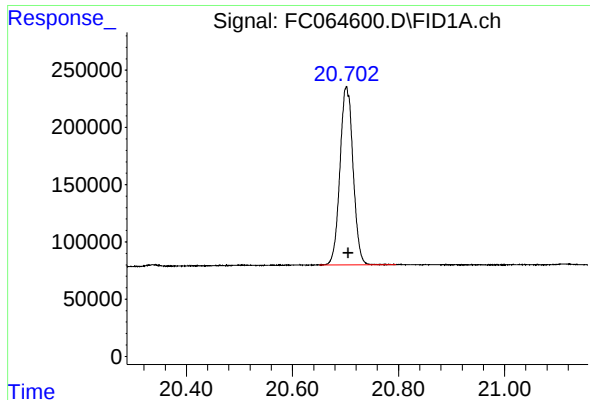
#19 n-Tetratriacontane (C34)

R.T.: 19.246 min
Delta R.T.: 0.000 min
Response: 2817999
Conc: 19.82 ug/ml



#20 n-Hexatriacontane (C36)

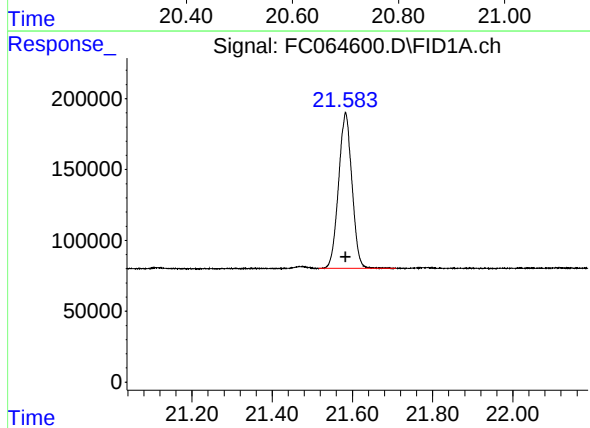
R.T.: 19.984 min
Delta R.T.: 0.000 min
Response: 2755811
Conc: 20.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.702 min
Delta R.T.: -0.004 min
Response: 2667104
Conc: 19.46 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.583 min
Delta R.T.: 0.000 min
Response: 2546646
Conc: 18.72 ug/ml