

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091123AL\
 Data File : FC064532.D
 Signal(s) : FID1A.ch
 Acq On : 11 Sep 2023 13:36
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 12 02:54:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:31:35 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)	11.507	4242065	19.981 ug/ml
Spiked Amount 50.000		Recovery =	39.96%
12) S 1-chlorooctadecane (S...	12.941	3083960	20.226 ug/ml
Spiked Amount 50.000		Recovery =	40.45%
Target Compounds			
1) T n-Nonane (C9)	3.300	3561208	20.177 ug/ml
2) T n-Decane (C10)	4.361	3646884	20.789 ug/ml
3) T A~Naphthalene (C11.7)	5.940	3890079	20.920 ug/ml
4) T n-Dodecane (C12)	6.373	3709562	20.812 ug/ml
5) T A~2-methylnaphthalene...	6.994	3758147	21.126 ug/ml
6) T n-Tetradecane (C14)	8.162	3655515	20.954 ug/ml
7) T n-Hexadecane (C16)	9.758	3672933	21.254 ug/ml
8) T n-Octadecane (C18)	11.194	3660395	20.907 ug/ml
10) T n-Eicosane (C20)	12.499	3473157	20.532 ug/ml
11) T n-Heneicosane (C21)	13.108	3382840	20.268 ug/ml
13) T n-Docosane (C22)	13.694	3313114	20.312 ug/ml
14) T n-Tetracosane (C24)	14.792	3190764	20.036 ug/ml
15) T n-Hexacosane (C26)	15.809	3052732	19.759 ug/ml
16) T n-Octacosane (C28)	16.755	2958682	19.984 ug/ml
17) T n-Tricontane (C30)	17.639	2991433	20.480 ug/ml
18) T n-Dotriacontane (C32)	18.469	2973035	21.047 ug/ml
19) T n-Tetratriacontane (C34)	19.249	2869956	21.479 ug/ml
20) T n-Hexatriacontane (C36)	19.986	2815344	22.002 ug/ml
21) T n-Octatriacontane (C38)	20.707	2756268	22.446 ug/ml
22) T n-Tetracontane (C40)	21.588	2724186	23.458 ug/ml

(f)=RT Delta > 1/2 Window

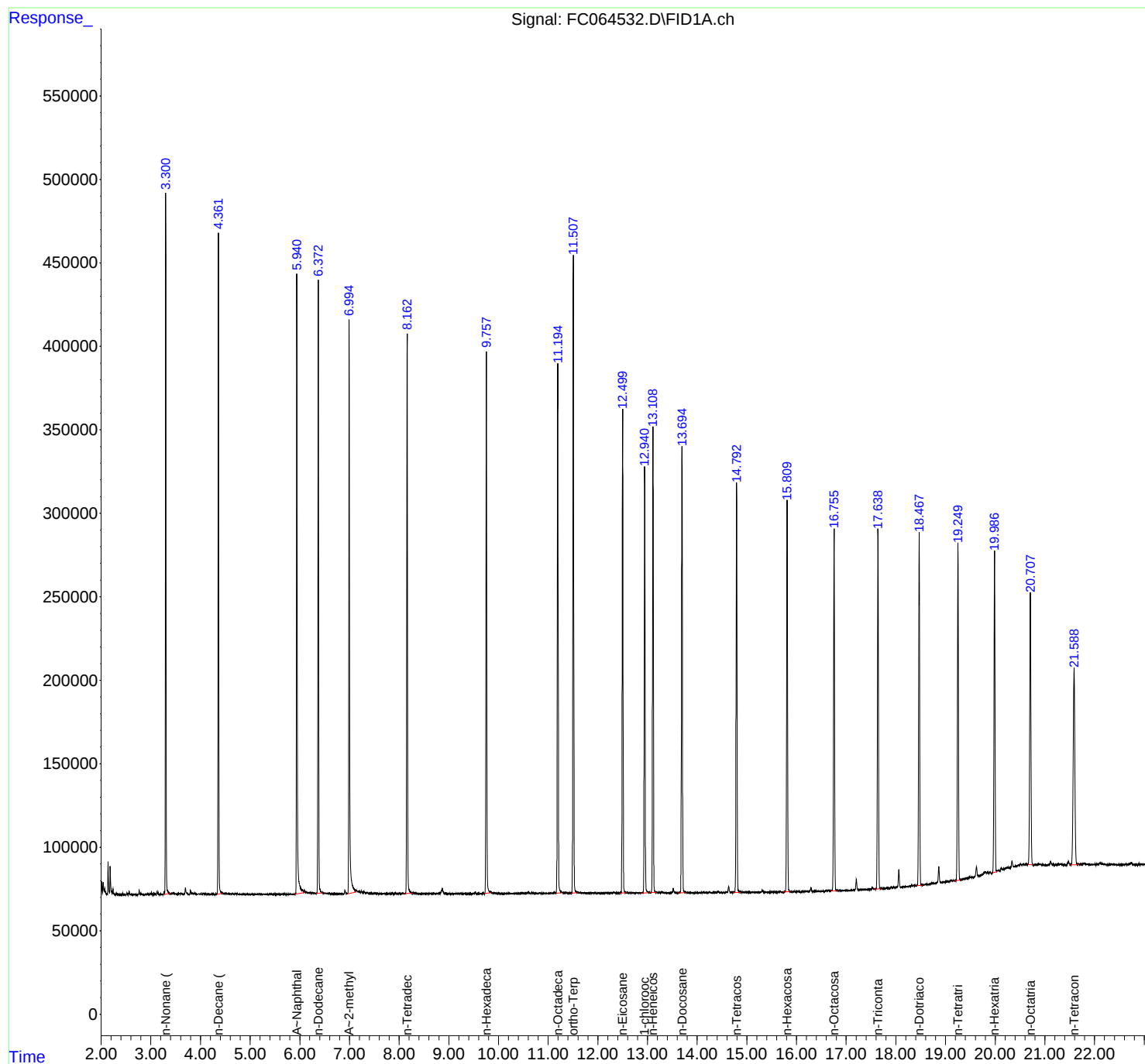
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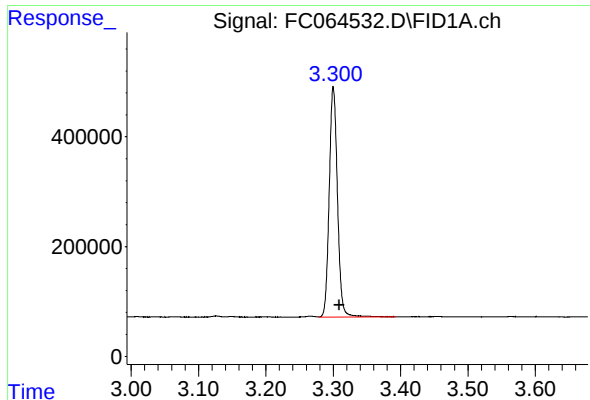
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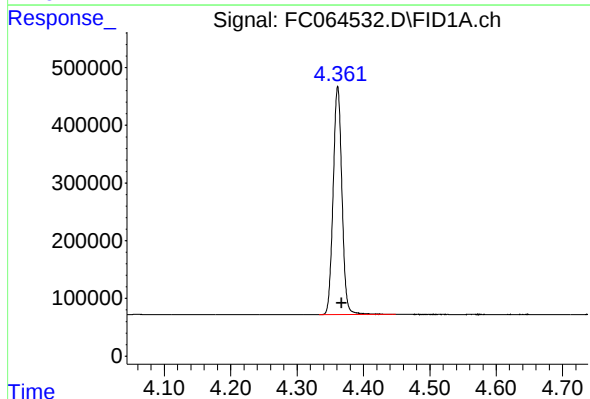




#1 n-Nonane (C9)

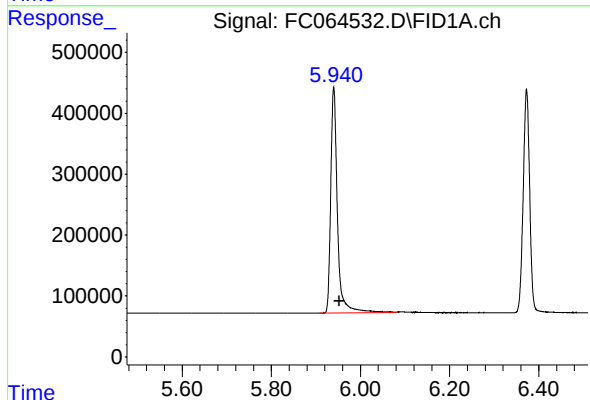
R.T.: 3.300 min
Delta R.T.: -0.009 min
Response: 3561208
Conc: 20.18 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



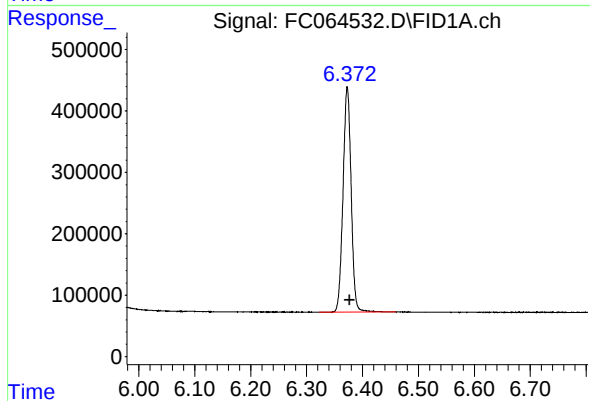
#2 n-Decane (C10)

R.T.: 4.361 min
Delta R.T.: -0.005 min
Response: 3646884
Conc: 20.79 ug/ml



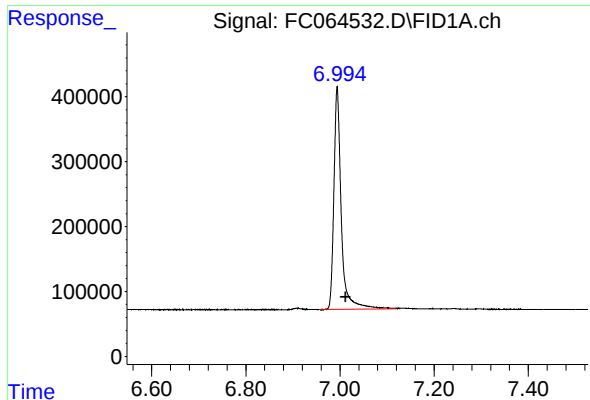
#3 A~Naphthalene (C11.7)

R.T.: 5.940 min
Delta R.T.: -0.013 min
Response: 3890079
Conc: 20.92 ug/ml



#4 n-Dodecane (C12)

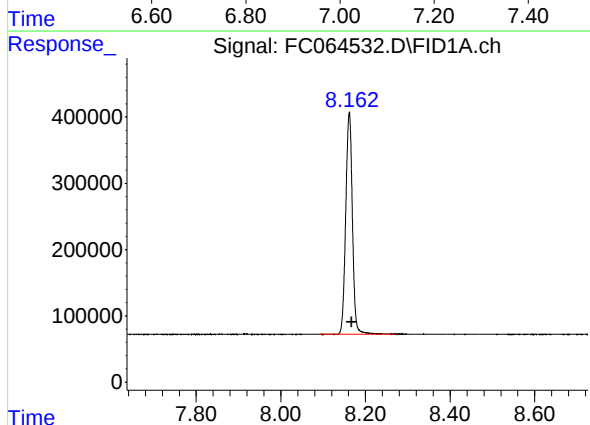
R.T.: 6.373 min
Delta R.T.: -0.004 min
Response: 3709562
Conc: 20.81 ug/ml



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

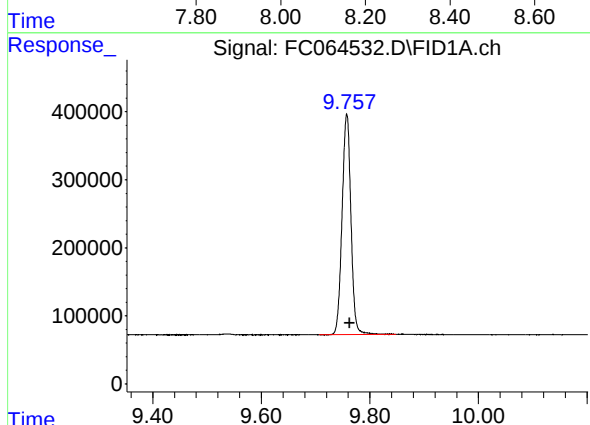
R.T.: 6.994 min
Delta R.T.: -0.018 min
Response: 3758147
Conc: 21.13 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



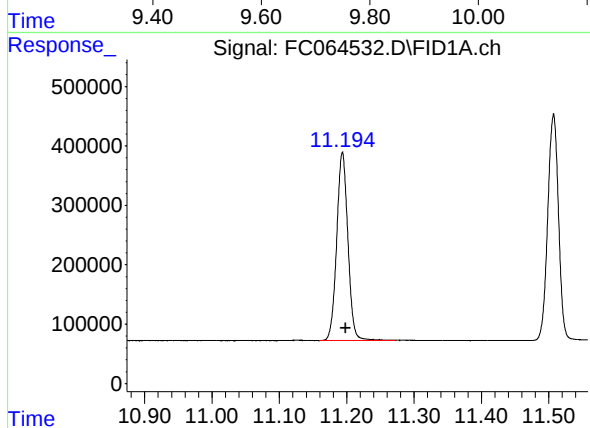
#6 n-Tetradecane (C14)

R.T.: 8.162 min
Delta R.T.: -0.005 min
Response: 3655515
Conc: 20.95 ug/ml



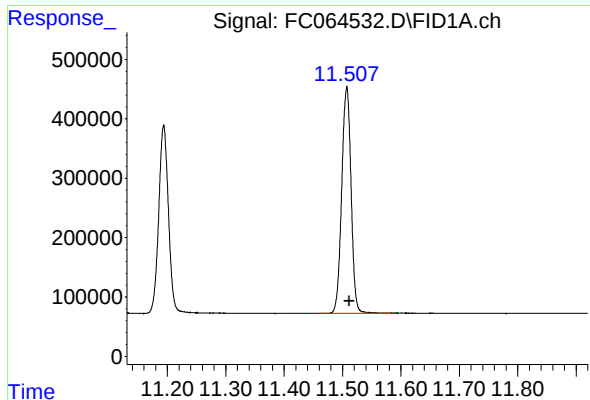
#7 n-Hexadecane (C16)

R.T.: 9.758 min
Delta R.T.: -0.006 min
Response: 3672933
Conc: 21.25 ug/ml



#8 n-Octadecane (C18)

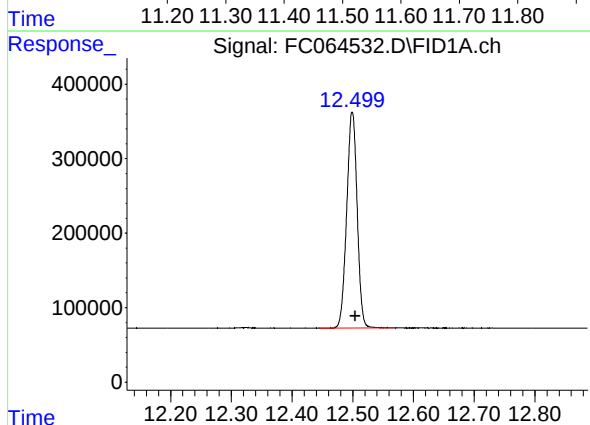
R.T.: 11.194 min
Delta R.T.: -0.005 min
Response: 3660395
Conc: 20.91 ug/ml



#9 ortho-Terphenyl (SURR)

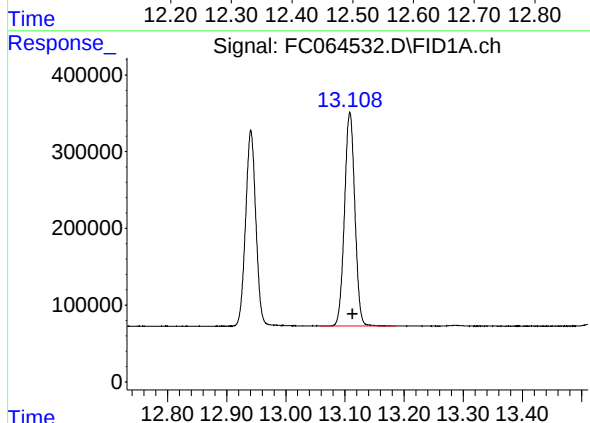
R.T.: 11.507 min
Delta R.T.: -0.005 min
Response: 4242065
Conc: 19.98 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



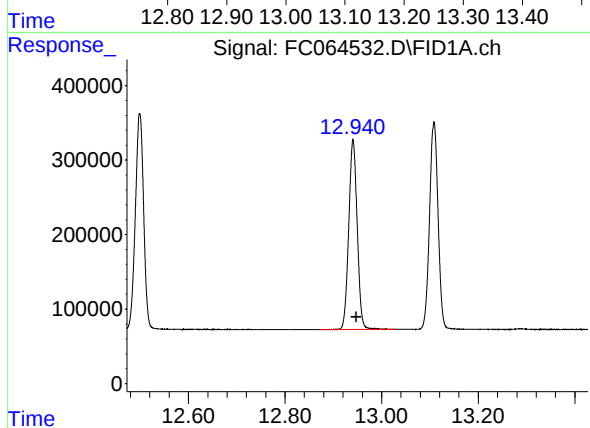
#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: -0.005 min
Response: 3473157
Conc: 20.53 ug/ml



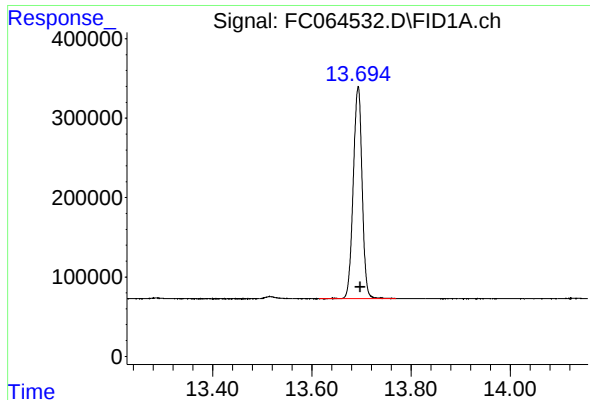
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: -0.005 min
Response: 3382840
Conc: 20.27 ug/ml



#12 1-chlorooctadecane (SURR)

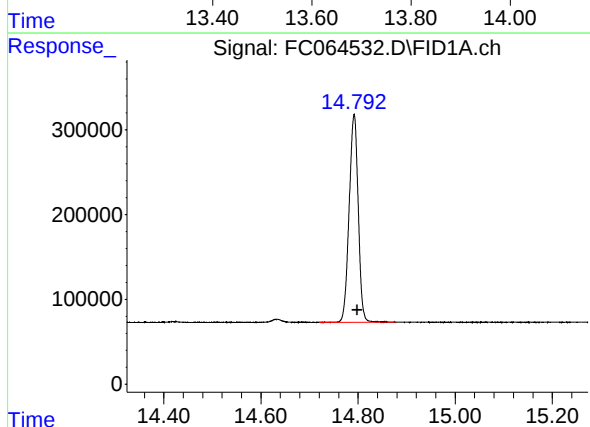
R.T.: 12.941 min
Delta R.T.: -0.006 min
Response: 3083960
Conc: 20.23 ug/ml



#13 n-Docosane (C22)

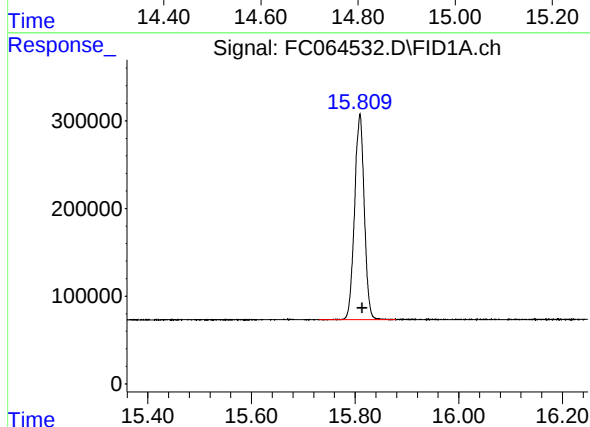
R.T.: 13.694 min
Delta R.T.: -0.005 min
Response: 3313114
Conc: 20.31 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



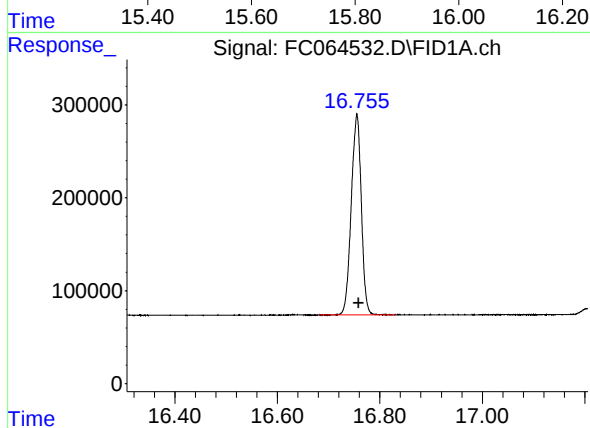
#14 n-Tetracosane (C24)

R.T.: 14.792 min
Delta R.T.: -0.006 min
Response: 3190764
Conc: 20.04 ug/ml



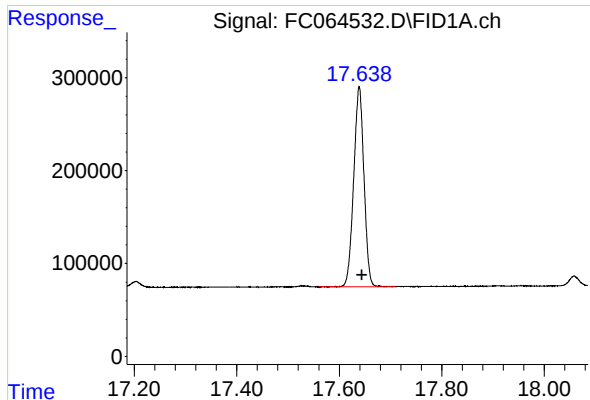
#15 n-Hexacosane (C26)

R.T.: 15.809 min
Delta R.T.: -0.005 min
Response: 3052732
Conc: 19.76 ug/ml



#16 n-Octacosane (C28)

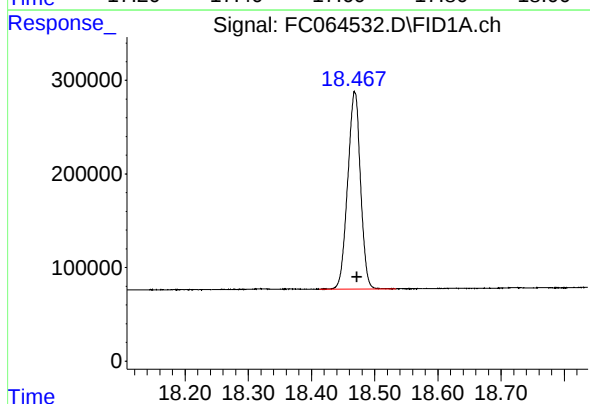
R.T.: 16.755 min
Delta R.T.: -0.004 min
Response: 2958682
Conc: 19.98 ug/ml



#17 n-Tricontane (C30)

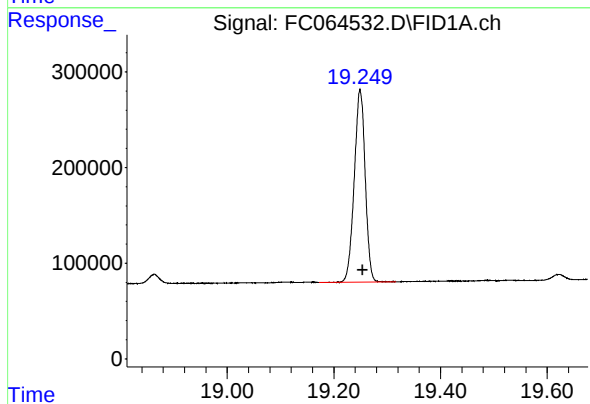
R.T.: 17.639 min
Delta R.T.: -0.005 min
Response: 2991433
Conc: 20.48 ug/ml

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20 PPM ALIPHATIC HC STD



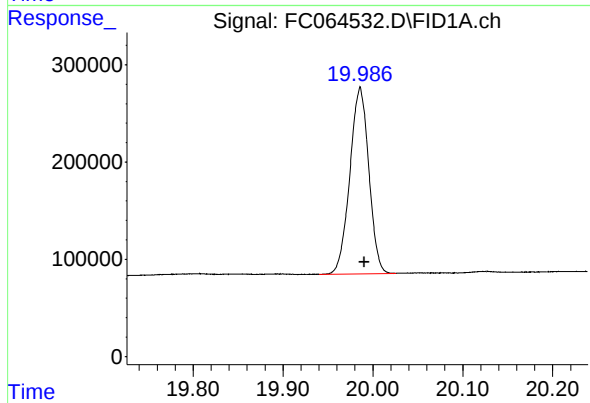
#18 n-Dotriacontane (C32)

R.T.: 18.469 min
Delta R.T.: -0.003 min
Response: 2973035
Conc: 21.05 ug/ml



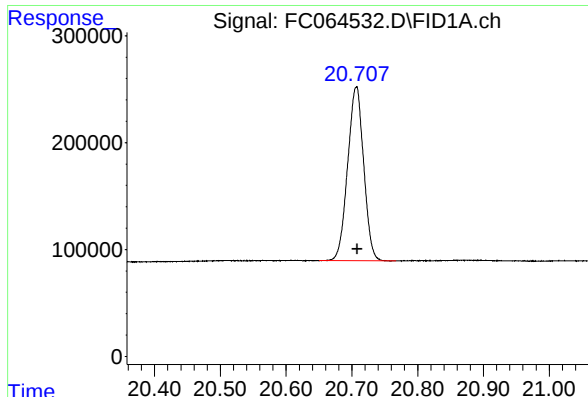
#19 n-Tetatriacontane (C34)

R.T.: 19.249 min
Delta R.T.: -0.005 min
Response: 2869956
Conc: 21.48 ug/ml



#20 n-Hexatriacontane (C36)

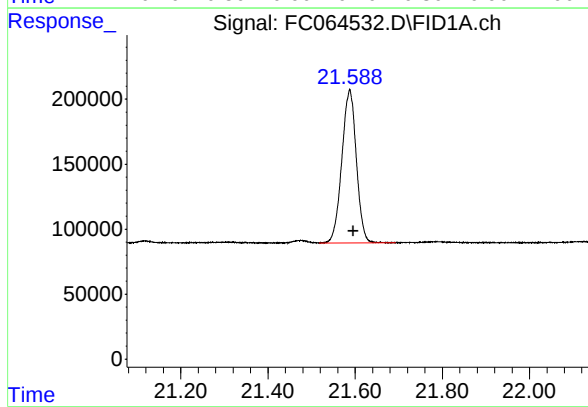
R.T.: 19.986 min
Delta R.T.: -0.004 min
Response: 2815344
Conc: 22.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.707 min
Delta R.T.: -0.002 min
Response: 2756268
Conc: 22.45 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.588 min
Delta R.T.: -0.008 min
Response: 2724186
Conc: 23.46 ug/ml