

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050123AL\
 Data File : FC063507.D
 Signal(s) : FID1A.ch
 Acq On : 02 May 2023 04:07
 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: May 02 05:12:19 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)	11.533	3662096	24.069 ug/ml
Spiked Amount 50.000		Recovery =	48.14%
12) S 1-chlorooctadecane (S...	12.970	2562129	23.156 ug/ml
Spiked Amount 50.000		Recovery =	46.31%
Target Compounds			
1) T n-Nonane (C9)	3.301	3187205	22.701 ug/ml
2) T n-Decane (C10)	4.367	3172087	23.278 ug/ml
3) T A~Naphthalene (C11.7)	5.951	3493577	23.136 ug/ml
4) T n-Dodecane (C12)	6.384	3187354	23.693 ug/ml
5) T A~2-methylnaphthalene...	7.008	3261955	23.420 ug/ml
6) T n-Tetradecane (C14)	8.179	3179472	23.486 ug/ml
7) T n-Hexadecane (C16)	9.779	3250061	23.933 ug/ml
8) T n-Octadecane (C18)	11.219	3345309	24.152 ug/ml
10) T n-Eicosane (C20)	12.527	3226481	24.015 ug/ml
11) T n-Heneicosane (C21)	13.137	3240338	24.076 ug/ml
13) T n-Docosane (C22)	13.723	3204012	24.026 ug/ml
14) T n-Tetracosane (C24)	14.823	3234601	24.057 ug/ml
15) T n-Hexacosane (C26)	15.842	3183574	23.784 ug/ml
16) T n-Octacosane (C28)	16.791	3195106	23.597 ug/ml
17) T n-Tricontane (C30)	17.676	3229565	23.346 ug/ml
18) T n-Dotriacontane (C32)	18.507	3245197	22.987 ug/ml
19) T n-Tetratriacontane (C34)	19.288	3129363	22.676 ug/ml
20) T n-Hexatriacontane (C36)	20.024	2847498	22.278 ug/ml
21) T n-Octatriacontane (C38)	20.752	2573818	20.903 ug/ml
22) T n-Tetracontane (C40)	21.647	2194524	18.648 ug/ml

(f)=RT Delta > 1/2 Window

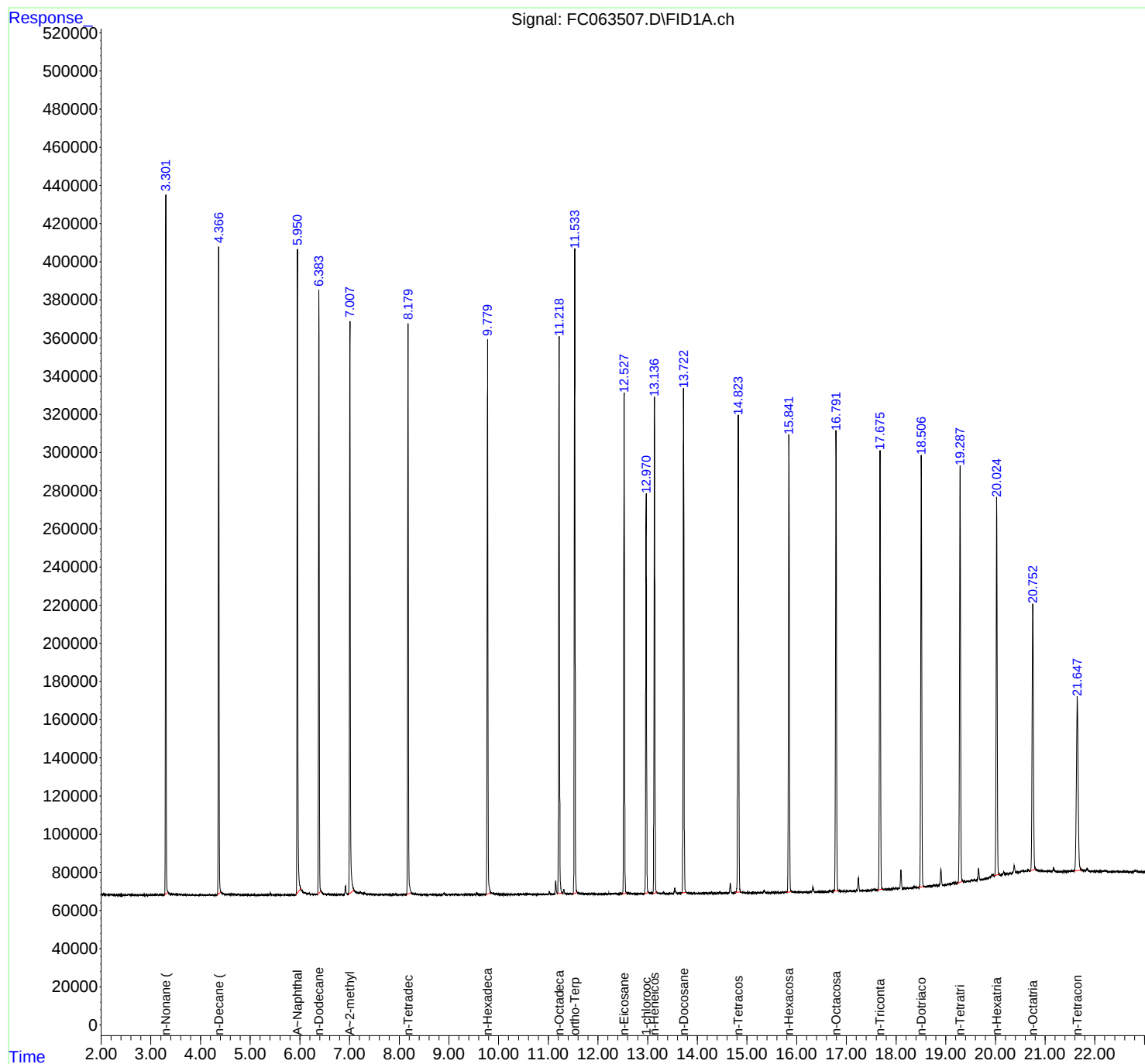
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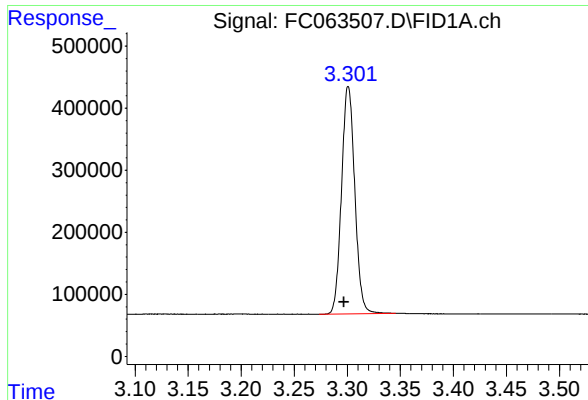
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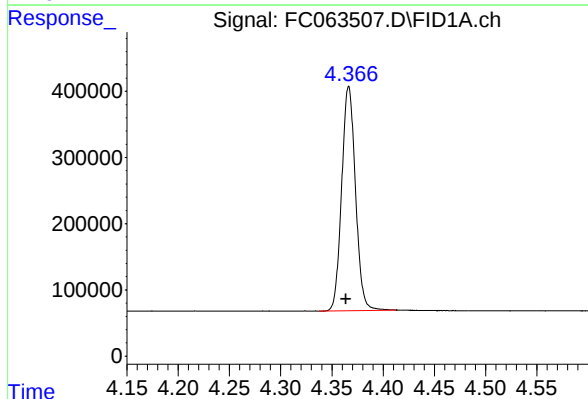




#1 n-Nonane (C9)

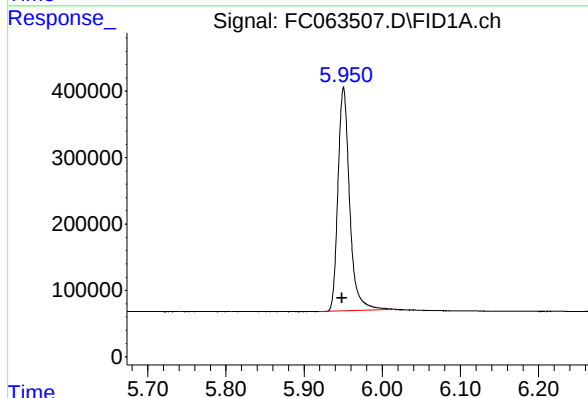
R.T.: 3.301 min
Delta R.T.: 0.004 min
Response: 3187205
Conc: 22.70 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



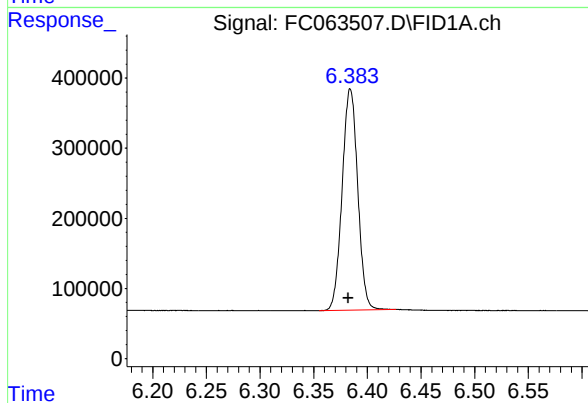
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: 0.003 min
Response: 3172087
Conc: 23.28 ug/ml



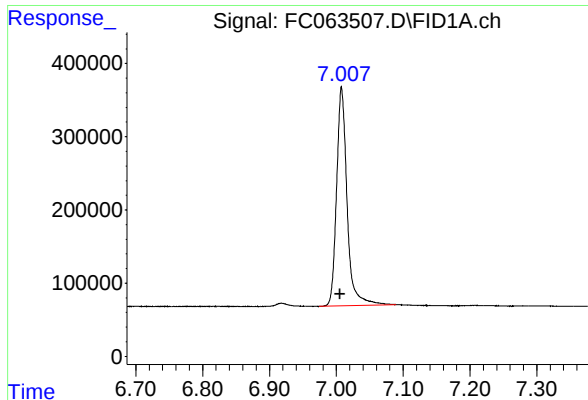
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: 0.002 min
Response: 3493577
Conc: 23.14 ug/ml



#4 n-Dodecane (C12)

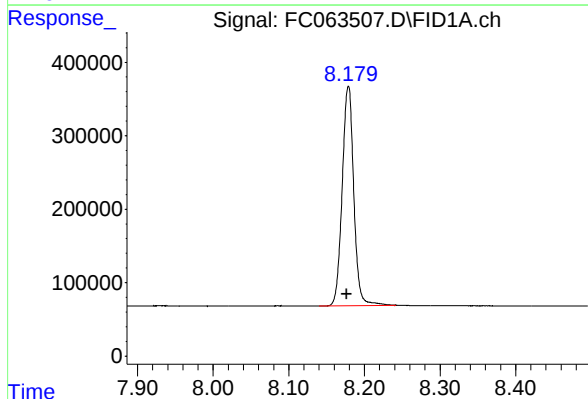
R.T.: 6.384 min
Delta R.T.: 0.002 min
Response: 3187354
Conc: 23.69 ug/ml



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

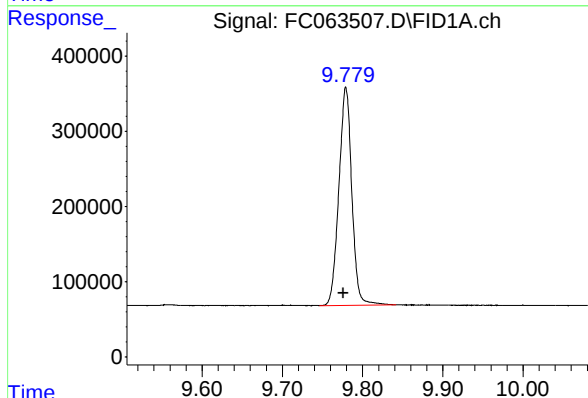
R.T.: 7.008 min
Delta R.T.: 0.003 min
Response: 3261955
Conc: 23.42 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



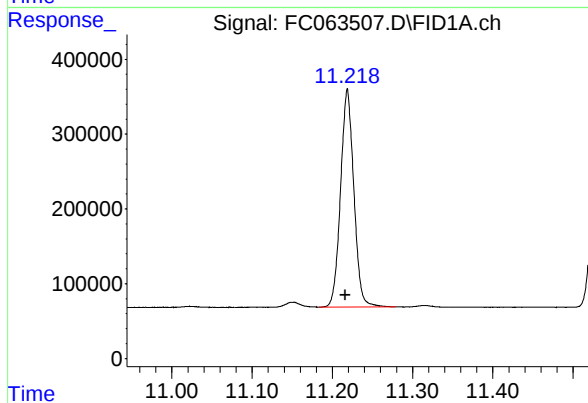
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: 0.002 min
Response: 3179472
Conc: 23.49 ug/ml



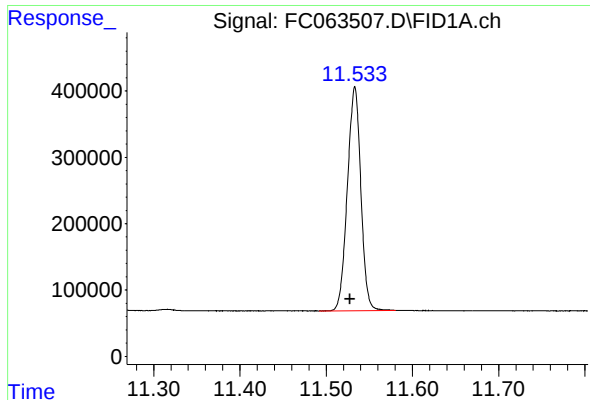
#7 n-Hexadecane (C16)

R.T.: 9.779 min
Delta R.T.: 0.003 min
Response: 3250061
Conc: 23.93 ug/ml



#8 n-Octadecane (C18)

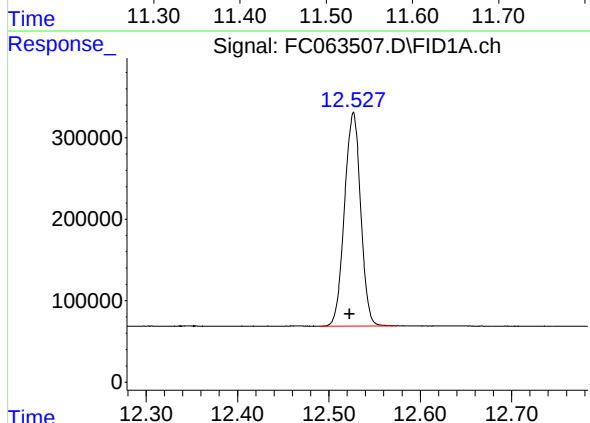
R.T.: 11.219 min
Delta R.T.: 0.003 min
Response: 3345309
Conc: 24.15 ug/ml



#9 ortho-Terphenyl (SURR)

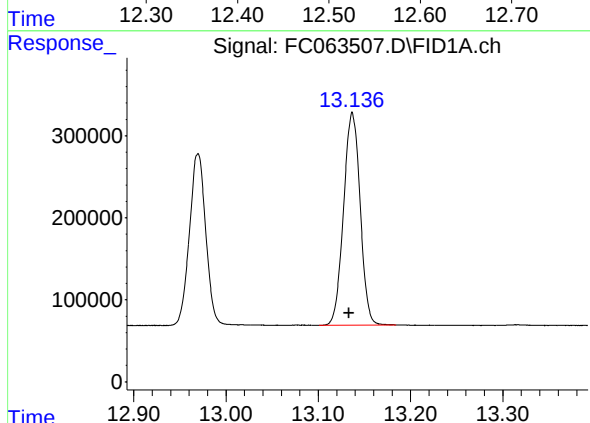
R.T.: 11.533 min
Delta R.T.: 0.005 min
Response: 3662096
Conc: 24.07 ug/ml

Instrument :
FID_C
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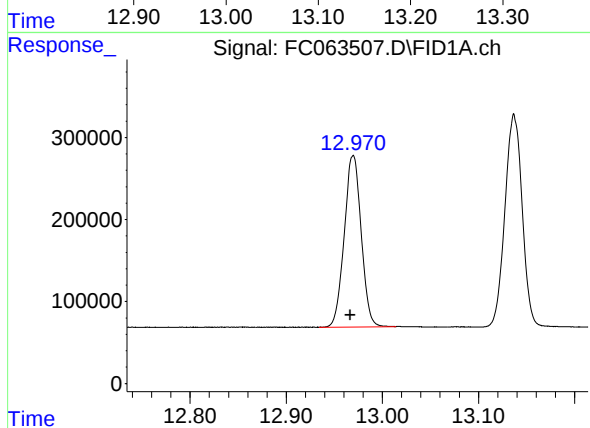
#10 n-Eicosane (C20)

R.T.: 12.527 min
Delta R.T.: 0.004 min
Response: 3226481
Conc: 24.02 ug/ml



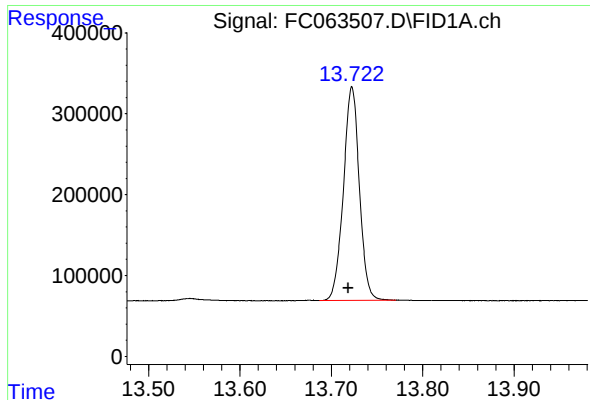
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: 0.004 min
Response: 3240338
Conc: 24.08 ug/ml



#12 1-chlorooctadecane (SURR)

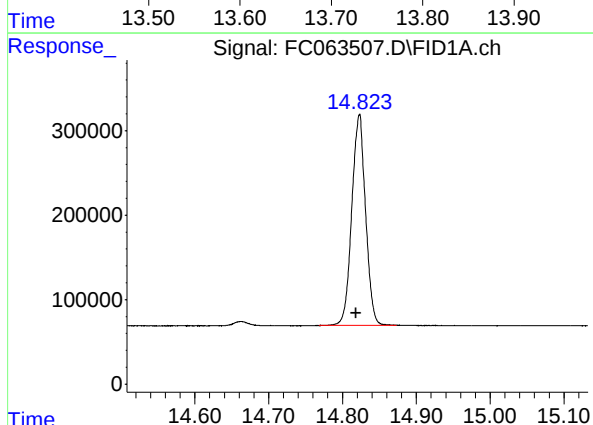
R.T.: 12.970 min
Delta R.T.: 0.003 min
Response: 2562129
Conc: 23.16 ug/ml



#13 n-Docosane (C22)

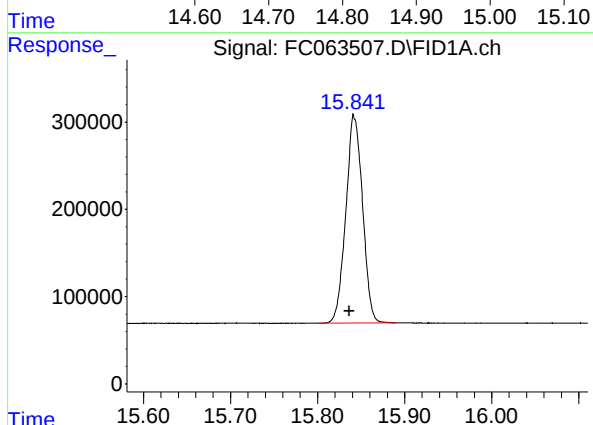
R.T.: 13.723 min
Delta R.T.: 0.004 min
Response: 3204012
Conc: 24.03 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



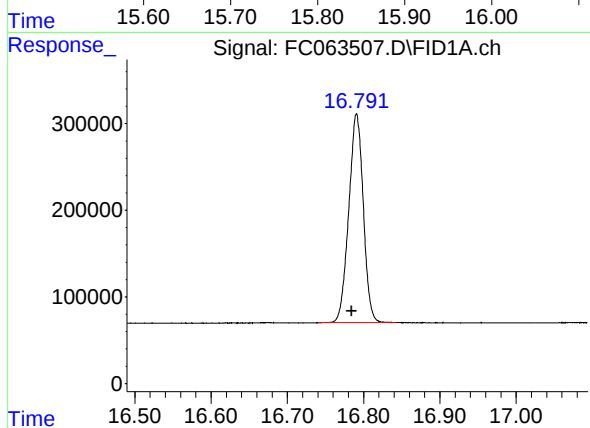
#14 n-Tetracosane (C24)

R.T.: 14.823 min
Delta R.T.: 0.005 min
Response: 3234601
Conc: 24.06 ug/ml



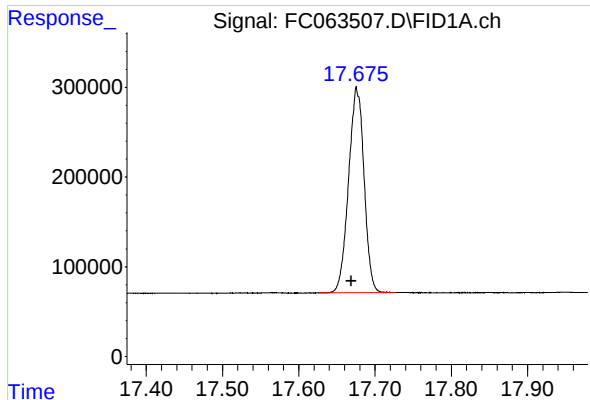
#15 n-Hexacosane (C26)

R.T.: 15.842 min
Delta R.T.: 0.005 min
Response: 3183574
Conc: 23.78 ug/ml



#16 n-Octacosane (C28)

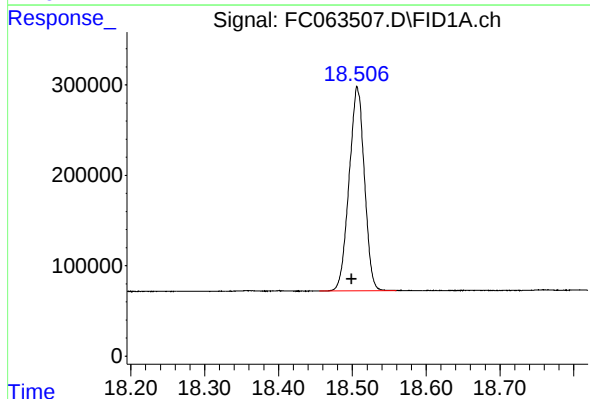
R.T.: 16.791 min
Delta R.T.: 0.006 min
Response: 3195106
Conc: 23.60 ug/ml



#17 n-Tricontane (C30)

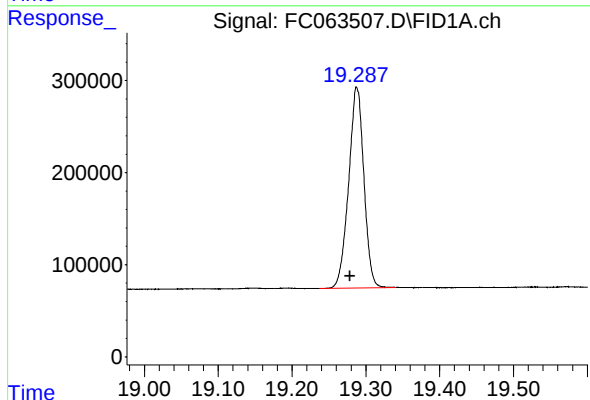
R.T.: 17.676 min
Delta R.T.: 0.007 min
Response: 3229565
Conc: 23.35 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



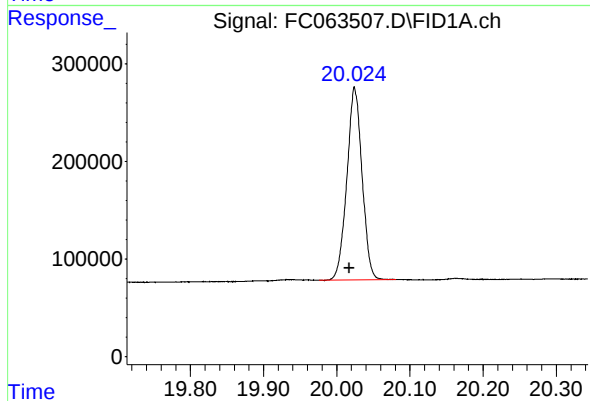
#18 n-Dotriacontane (C32)

R.T.: 18.507 min
Delta R.T.: 0.007 min
Response: 3245197
Conc: 22.99 ug/ml



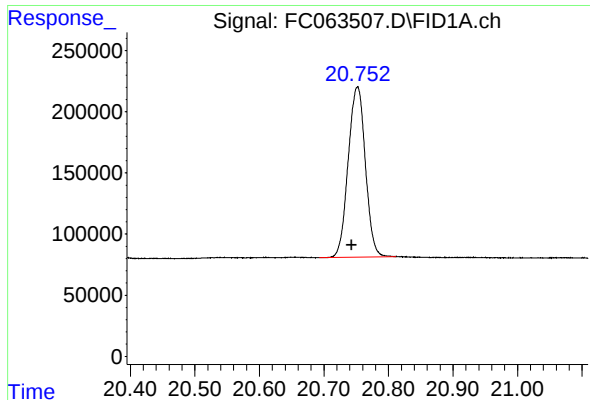
#19 n-Tetatriacontane (C34)

R.T.: 19.288 min
Delta R.T.: 0.009 min
Response: 3129363
Conc: 22.68 ug/ml



#20 n-Hexatriacontane (C36)

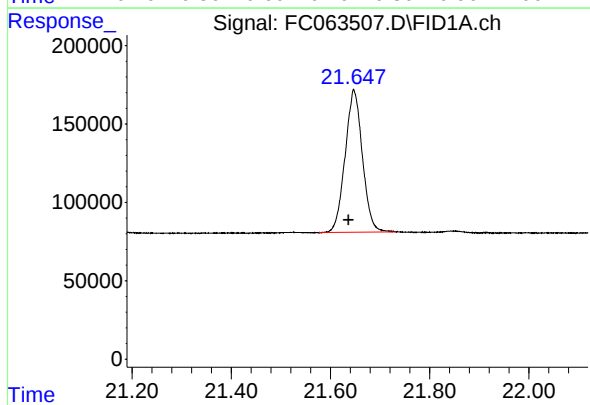
R.T.: 20.024 min
Delta R.T.: 0.007 min
Response: 2847498
Conc: 22.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.752 min
Delta R.T.: 0.009 min
Response: 2573818
Conc: 20.90 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.647 min
Delta R.T.: 0.010 min
Response: 2194524
Conc: 18.65 ug/ml