

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052723AL\
 Data File : FC063707.D
 Signal(s) : FID1A.ch
 Acq On : 26 May 2023 23:50
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: May 27 06:14:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:12:33 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	3845862	21.075 ug/ml
Spiked Amount 50.000		Recovery =	42.15%
12) S 1-chlorooctadecane (S...	12.966	2721791	21.302 ug/ml
Spiked Amount 50.000		Recovery =	42.60%
Target Compounds			
1) T n-Nonane (C9)	3.314	3327671	20.878 ug/ml
2) T n-Decane (C10)	4.376	3405469	21.067 ug/ml
3) T A~Naphthalene (C11.7)	5.958	3686876	21.222 ug/ml
4) T n-Dodecane (C12)	6.391	3435422	21.010 ug/ml
5) T A~2-methylnaphthalene...	7.013	3507348	21.410 ug/ml
6) T n-Tetradecane (C14)	8.183	3332616	21.190 ug/ml
7) T n-Hexadecane (C16)	9.781	3336303	20.964 ug/ml
8) T n-Octadecane (C18)	11.218	3356418	21.213 ug/ml
10) T n-Eicosane (C20)	12.525	3144492	21.262 ug/ml
11) T n-Heneicosane (C21)	13.135	3076557	21.373 ug/ml
13) T n-Docosane (C22)	13.720	3000398	21.299 ug/ml
14) T n-Tetracosane (C24)	14.819	2916608	21.255 ug/ml
15) T n-Hexacosane (C26)	15.835	2789097	21.035 ug/ml
16) T n-Octacosane (C28)	16.780	2712533	21.362 ug/ml
17) T n-Tricontane (C30)	17.664	2673275	20.924 ug/ml
18) T n-Dotriacontane (C32)	18.494	2605805	20.941 ug/ml
19) T n-Tetratriacontane (C34)	19.275	2563364	20.790 ug/ml
20) T n-Hexatriacontane (C36)	20.013	2497764	20.811 ug/ml
21) T n-Octatriacontane (C38)	20.737	2516186	20.841 ug/ml
22) T n-Tetracontane (C40)	21.626	2518268	20.783 ug/ml

(f)=RT Delta > 1/2 Window

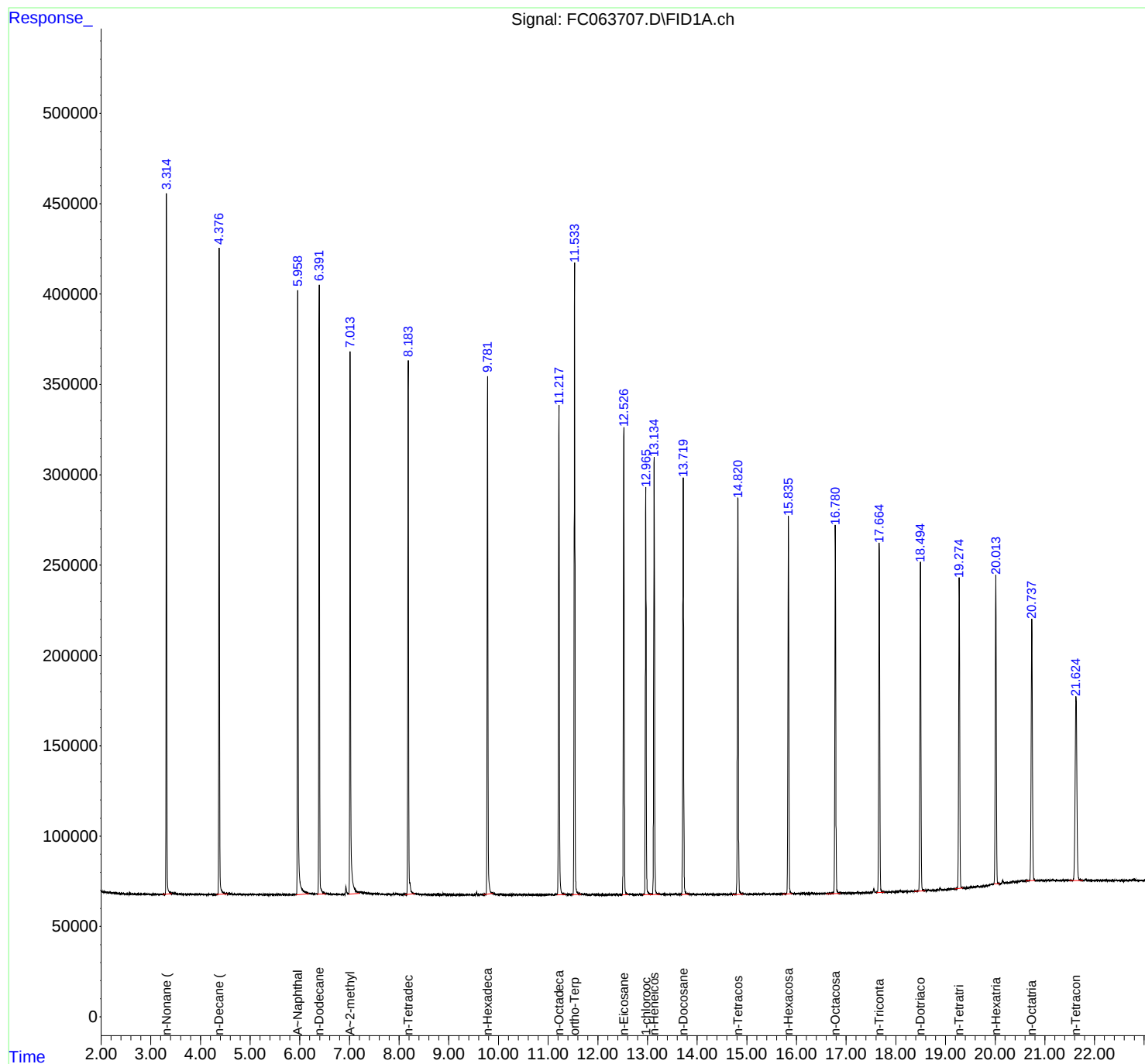
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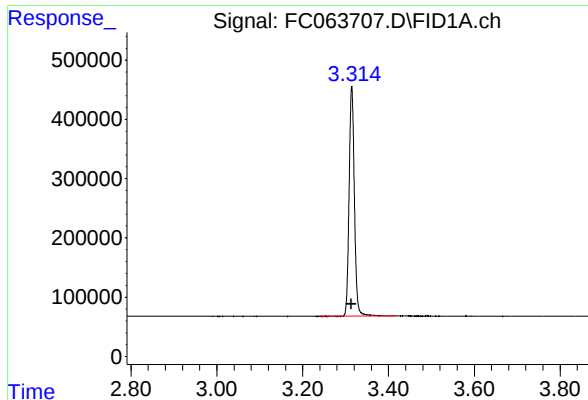
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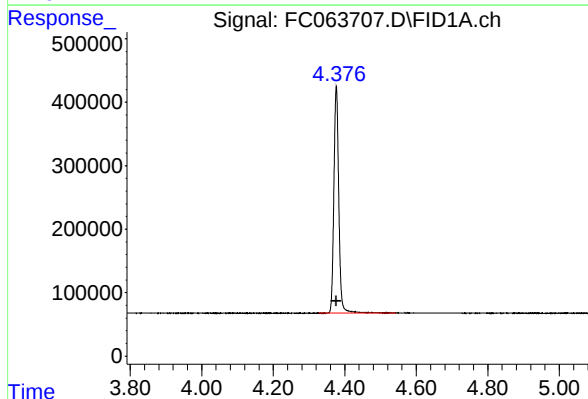




#1 n-Nonane (C9)

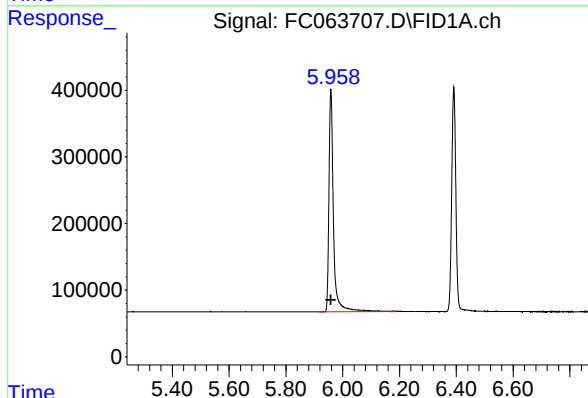
R.T.: 3.314 min
Delta R.T.: 0.000 min
Response: 3327671
Conc: 20.88 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD ICV



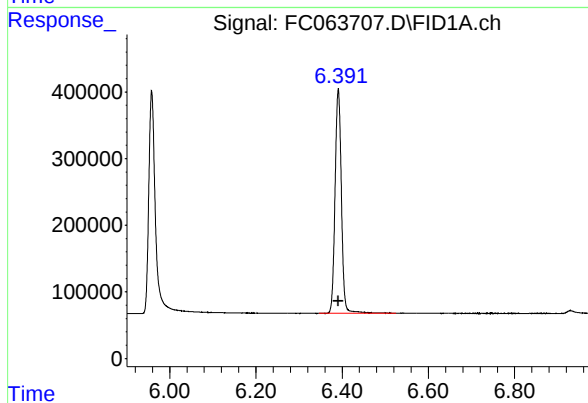
#2 n-Decane (C10)

R.T.: 4.376 min
Delta R.T.: 0.000 min
Response: 3405469
Conc: 21.07 ug/ml



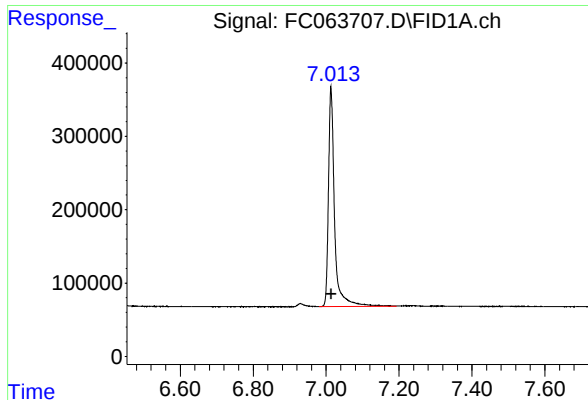
#3 A~Naphthalene (C11.7)

R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 3686876
Conc: 21.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 3435422
Conc: 21.01 ug/ml



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

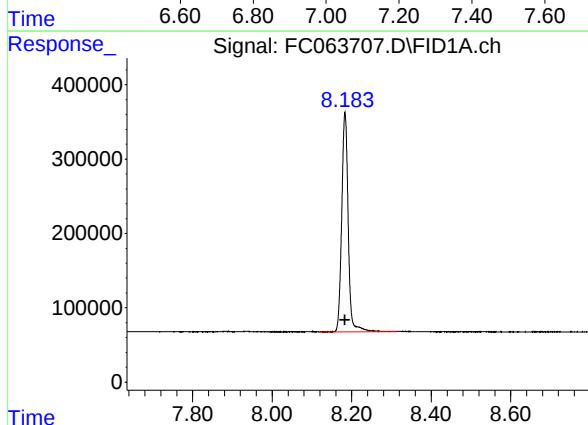
R.T.: 7.013 min
Delta R.T.: 0.000 min
Response: 3507348
Conc: 21.41 ug/ml

Instrument :

FID_C

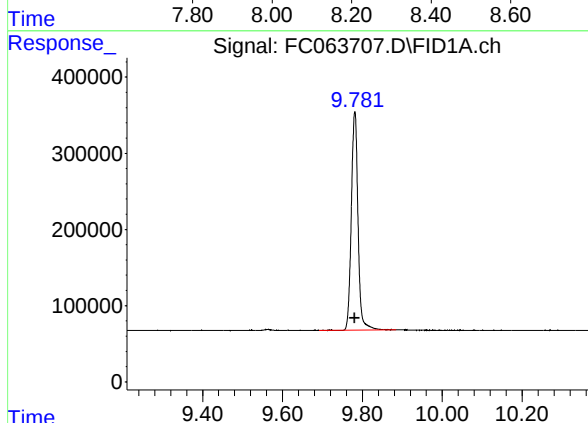
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



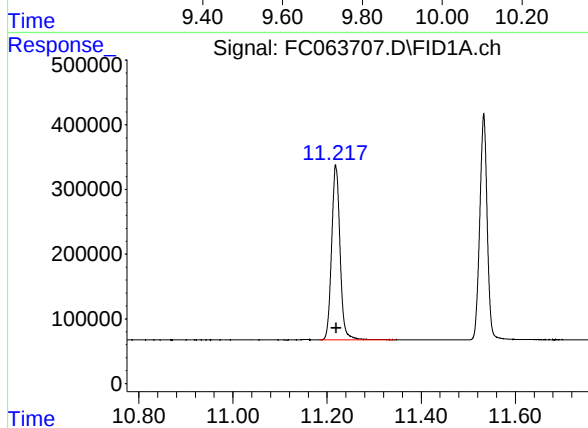
#6 n-Tetradecane (C14)

R.T.: 8.183 min
Delta R.T.: 0.000 min
Response: 3332616
Conc: 21.19 ug/ml



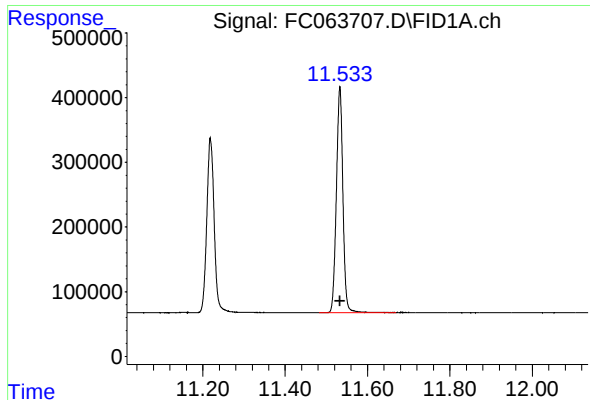
#7 n-Hexadecane (C16)

R.T.: 9.781 min
Delta R.T.: 0.000 min
Response: 3336303
Conc: 20.96 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.218 min
Delta R.T.: -0.002 min
Response: 3356418
Conc: 21.21 ug/ml



#9 ortho-Terphenyl (SURR)

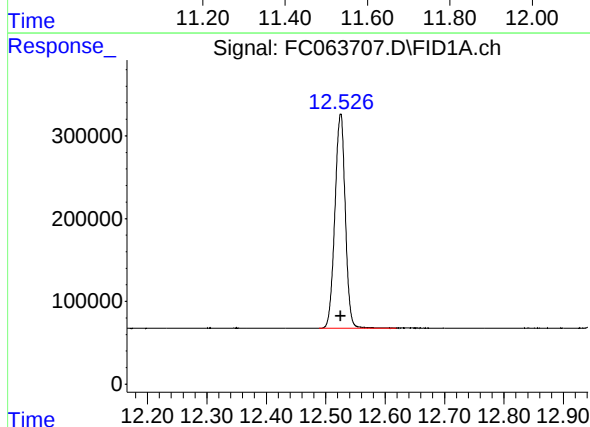
R.T.: 11.533 min
Delta R.T.: 0.000 min
Response: 3845862
Conc: 21.07 ug/ml

Instrument :

FID_C

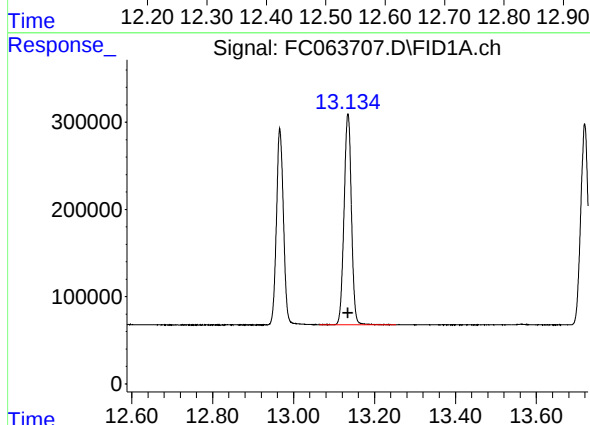
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



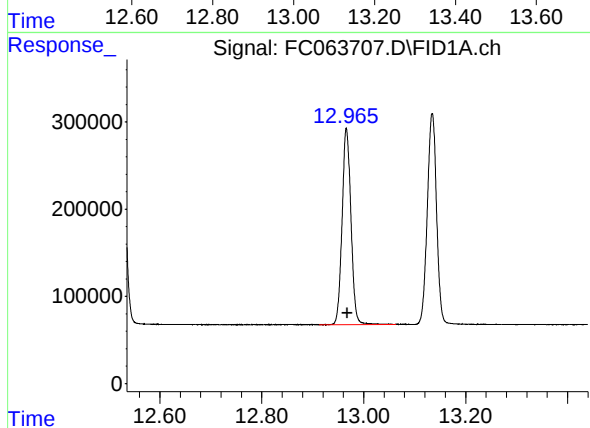
#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: 0.000 min
Response: 3144492
Conc: 21.26 ug/ml



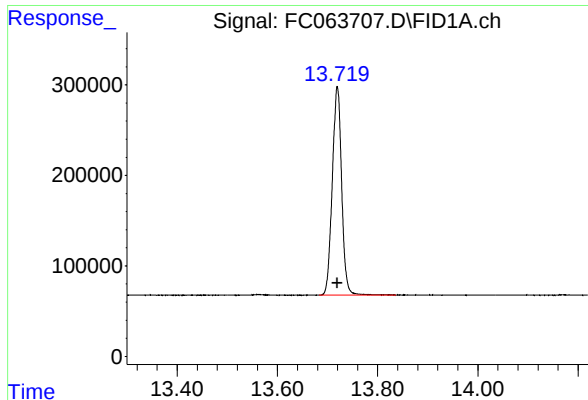
#11 n-Heneicosane (C21)

R.T.: 13.135 min
Delta R.T.: 0.000 min
Response: 3076557
Conc: 21.37 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.966 min
Delta R.T.: -0.002 min
Response: 2721791
Conc: 21.30 ug/ml



#13 n-Docosane (C22)

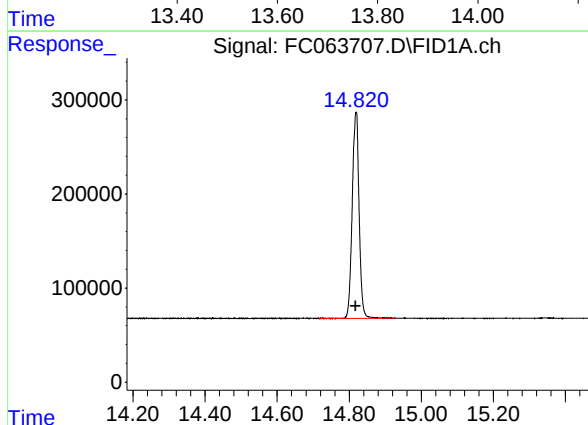
R.T.: 13.720 min
Delta R.T.: 0.000 min
Response: 3000398
Conc: 21.30 ug/ml

Instrument :

FID_C

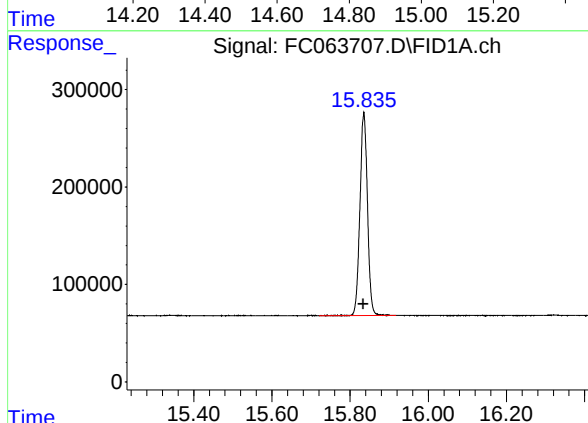
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



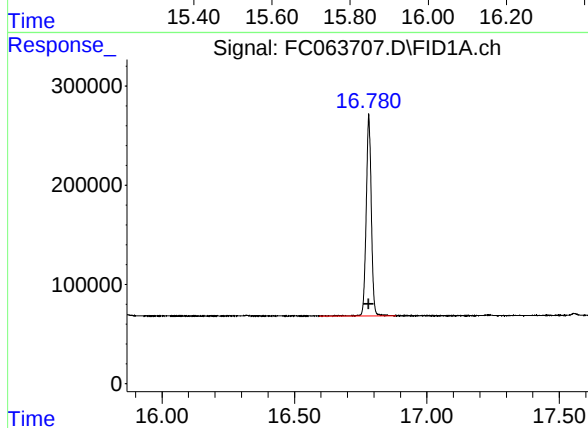
#14 n-Tetracosane (C24)

R.T.: 14.819 min
Delta R.T.: 0.002 min
Response: 2916608
Conc: 21.26 ug/ml



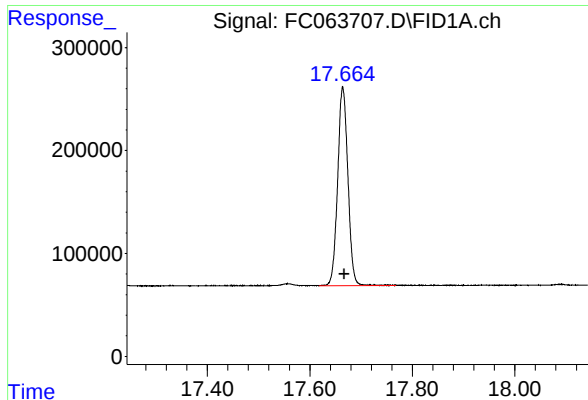
#15 n-Hexacosane (C26)

R.T.: 15.835 min
Delta R.T.: 0.001 min
Response: 2789097
Conc: 21.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.780 min
Delta R.T.: 0.000 min
Response: 2712533
Conc: 21.36 ug/ml



#17 n-Tricontane (C30)

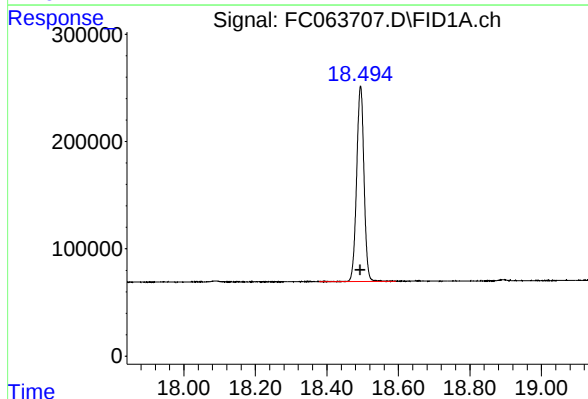
R.T.: 17.664 min
Delta R.T.: -0.003 min
Response: 2673275
Conc: 20.92 ug/ml

Instrument :

FID_C

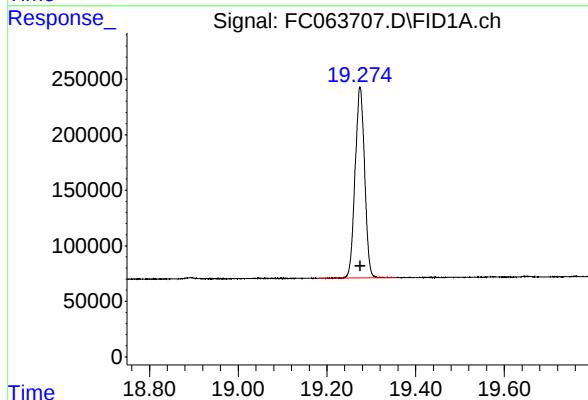
ClientSampleId :

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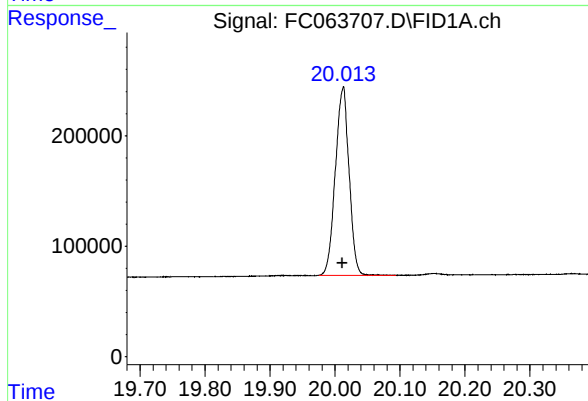
#18 n-Dotriacontane (C32)

R.T.: 18.494 min
Delta R.T.: 0.000 min
Response: 2605805
Conc: 20.94 ug/ml



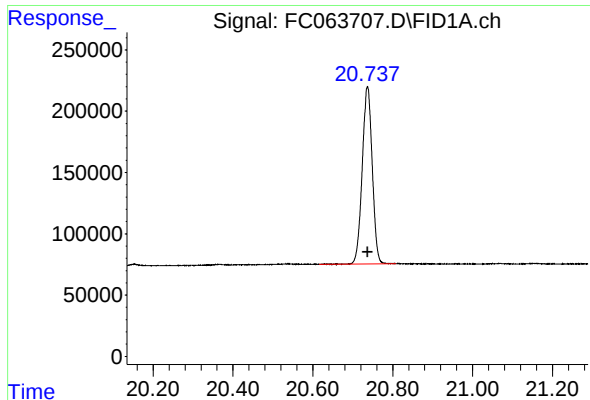
#19 n-Tetatriacontane (C34)

R.T.: 19.275 min
Delta R.T.: 0.000 min
Response: 2563364
Conc: 20.79 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.013 min
Delta R.T.: 0.001 min
Response: 2497764
Conc: 20.81 ug/ml



#21 n-Octatriacontane (C38)

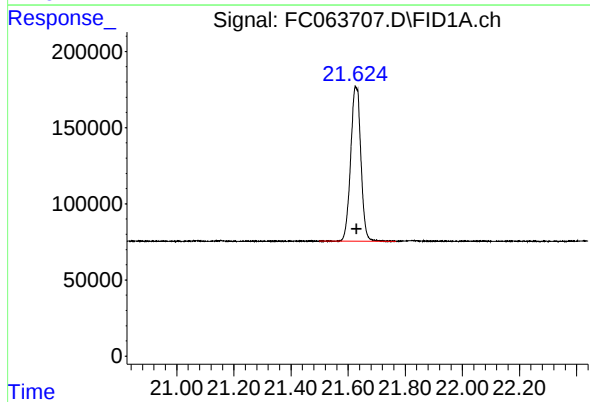
R.T.: 20.737 min
Delta R.T.: 0.000 min
Response: 2516186
Conc: 20.84 ug/ml

Instrument :

FID_C

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.626 min
Delta R.T.: -0.003 min
Response: 2518268
Conc: 20.78 ug/ml