

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052623AL\
 Data File : FC063693.D
 Signal(s) : FID1A.ch
 Acq On : 26 May 2023 13:54
 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 27 01:45:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:15:25 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)	11.532	3804837	20.308 ug/ml
Spiked Amount 50.000		Recovery =	40.62%
12) S 1-chlorooctadecane (S...	12.967	2687735	20.525 ug/ml
Spiked Amount 50.000		Recovery =	41.05%
Target Compounds			
1) T n-Nonane (C9)	3.313	3190066	19.925 ug/ml
2) T n-Decane (C10)	4.376	3264615	20.175 ug/ml
3) T A~Naphthalene (C11.7)	5.957	3439498	20.258 ug/ml
4) T n-Dodecane (C12)	6.390	3261112	20.033 ug/ml
5) T A~2-methylnaphthalene...	7.013	3284231	20.305 ug/ml
6) T n-Tetradecane (C14)	8.182	3222708	20.406 ug/ml
7) T n-Hexadecane (C16)	9.780	3270025	20.383 ug/ml
8) T n-Octadecane (C18)	11.219	3294282	20.569 ug/ml
10) T n-Eicosane (C20)	12.524	3132458	20.647 ug/ml
11) T n-Heneicosane (C21)	13.135	3053870	20.839 ug/ml
13) T n-Docosane (C22)	13.720	2998489	20.779 ug/ml
14) T n-Tetracosane (C24)	14.817	2952069	20.987 ug/ml
15) T n-Hexacosane (C26)	15.835	2892757	21.182 ug/ml
16) T n-Octacosane (C28)	16.780	2842276	21.489 ug/ml
17) T n-Tricontane (C30)	17.665	2987433	22.218 ug/ml
18) T n-Dotriacontane (C32)	18.495	2982606	22.338 ug/ml
19) T n-Tetratriacontane (C34)	19.276	2843667	21.907 ug/ml
20) T n-Hexatriacontane (C36)	20.012	2678108	21.626 ug/ml
21) T n-Octatriacontane (C38)	20.738	2641725	21.141 ug/ml
22) T n-Tetracontane (C40)	21.629	2584641	21.025 ug/ml

(f)=RT Delta > 1/2 Window

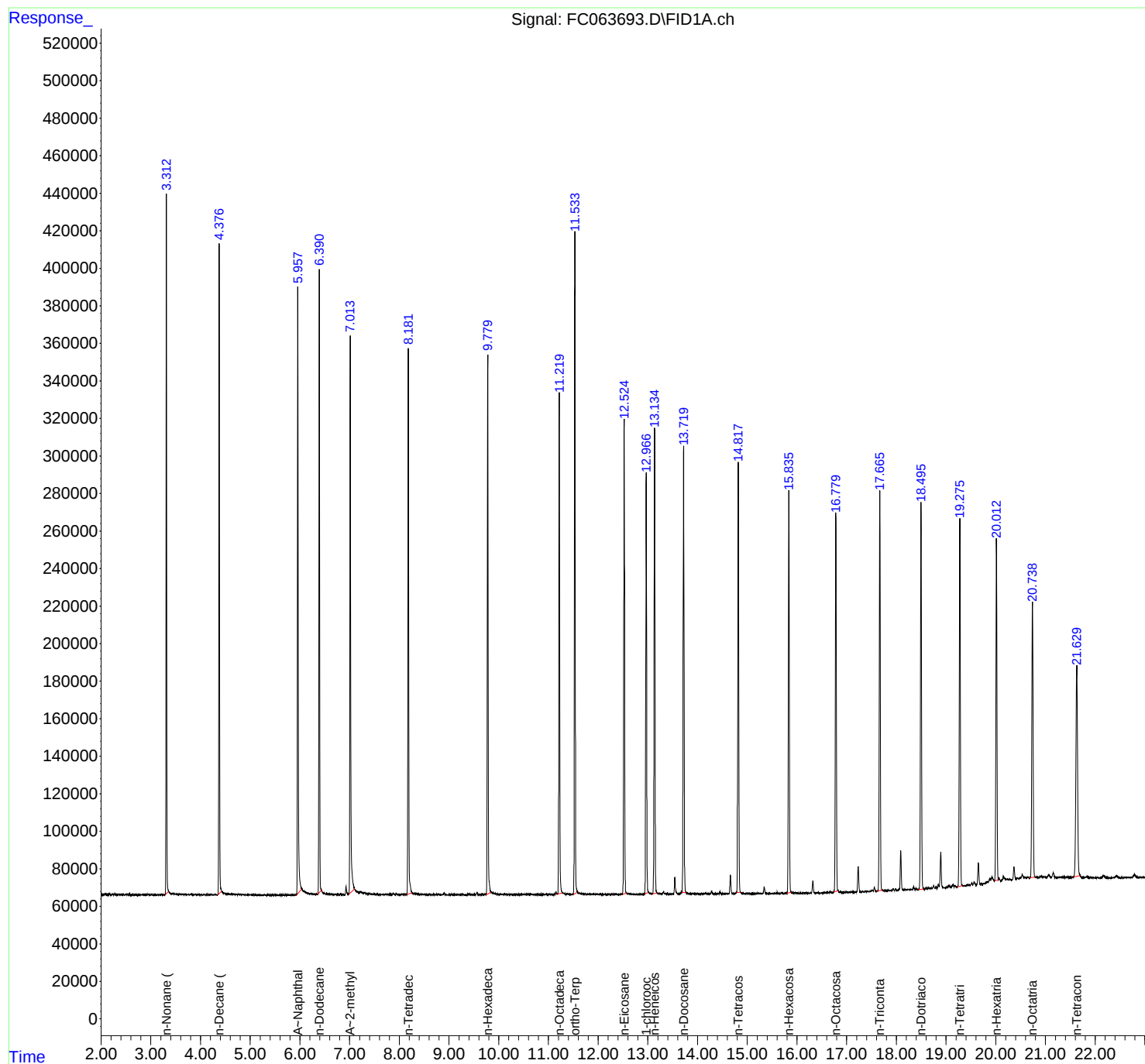
(m)=manual int.

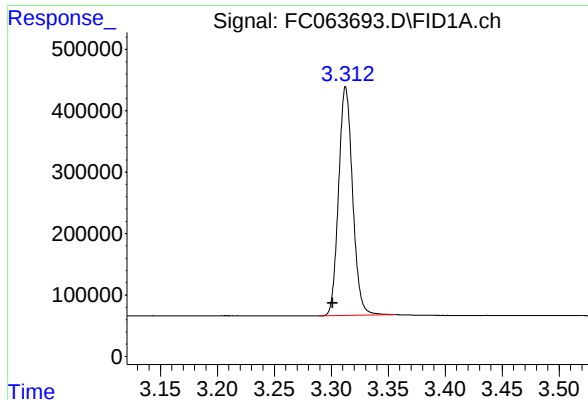
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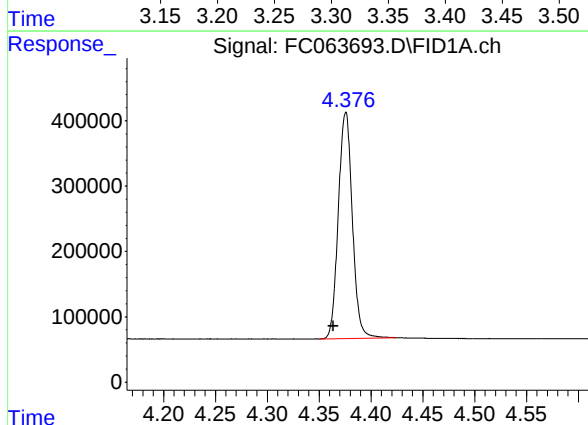




#1 n-Nonane (C9)

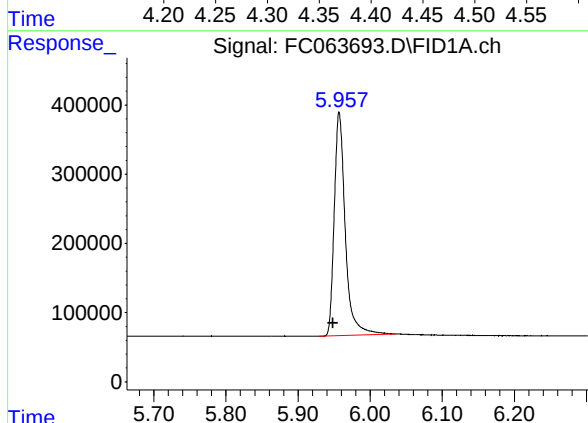
R.T.: 3.313 min
Delta R.T.: 0.012 min
Response: 3190066
Conc: 19.93 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



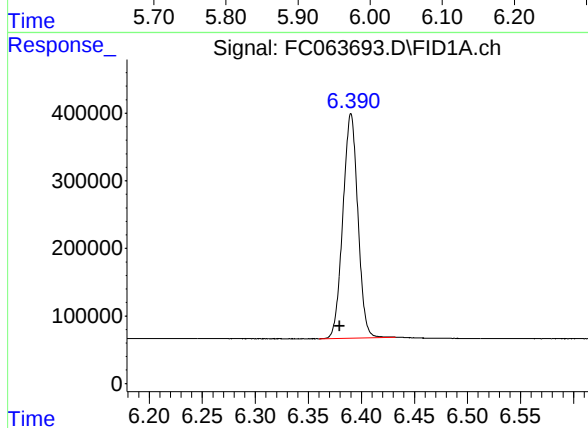
#2 n-Decane (C10)

R.T.: 4.376 min
Delta R.T.: 0.012 min
Response: 3264615
Conc: 20.18 ug/ml



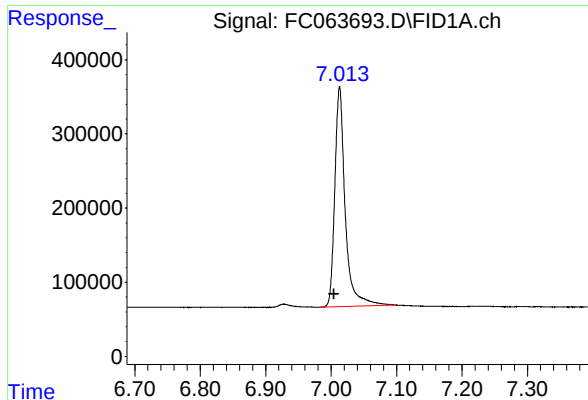
#3 A~Naphthalene (C11.7)

R.T.: 5.957 min
Delta R.T.: 0.009 min
Response: 3439498
Conc: 20.26 ug/ml



#4 n-Dodecane (C12)

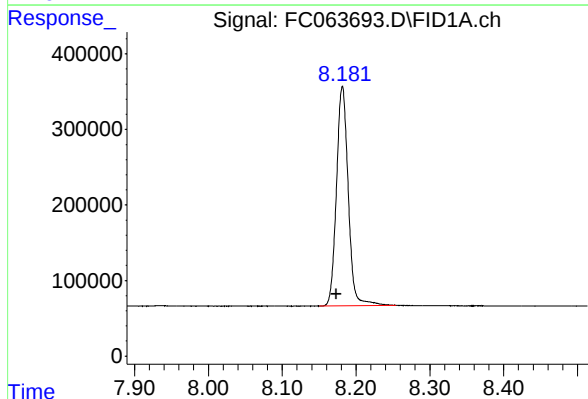
R.T.: 6.390 min
Delta R.T.: 0.011 min
Response: 3261112
Conc: 20.03 ug/ml



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

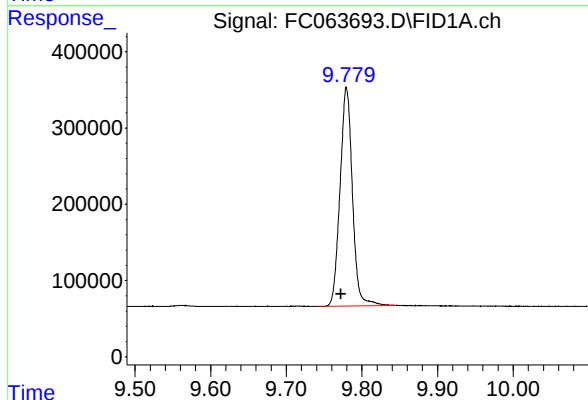
R.T.: 7.013 min
Delta R.T.: 0.008 min
Response: 3284231
Conc: 20.31 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



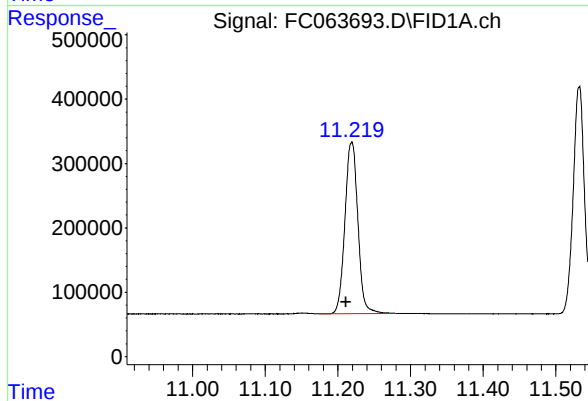
#6 n-Tetradecane (C14)

R.T.: 8.182 min
Delta R.T.: 0.008 min
Response: 3222708
Conc: 20.41 ug/ml



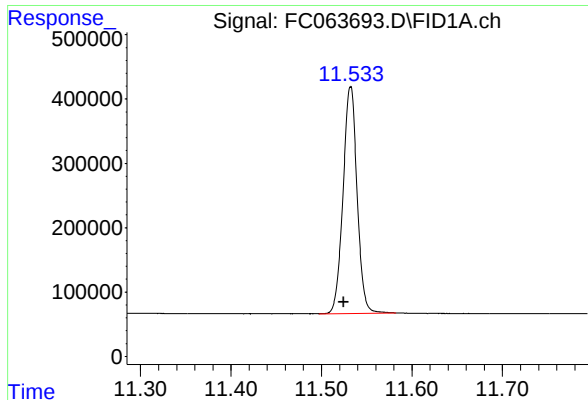
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: 0.007 min
Response: 3270025
Conc: 20.38 ug/ml



#8 n-Octadecane (C18)

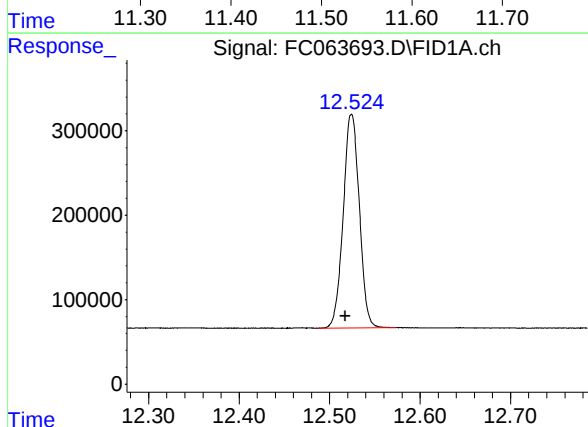
R.T.: 11.219 min
Delta R.T.: 0.008 min
Response: 3294282
Conc: 20.57 ug/ml



#9 ortho-Terphenyl (SURR)

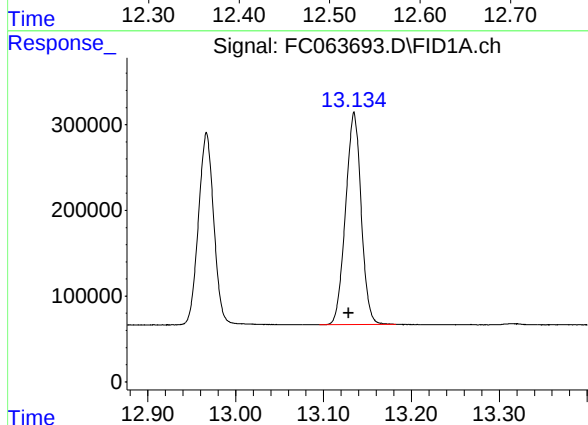
R.T.: 11.532 min
Delta R.T.: 0.008 min
Response: 3804837
Conc: 20.31 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



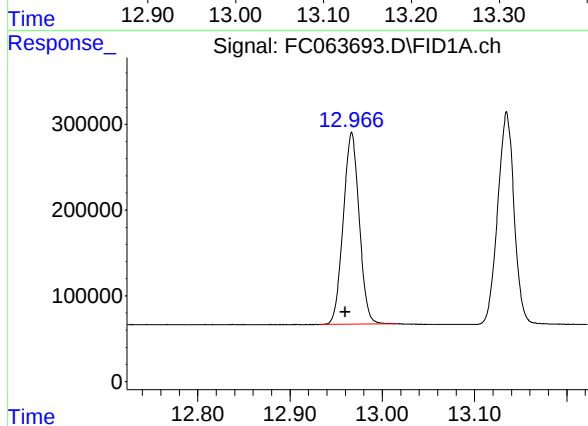
#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: 0.007 min
Response: 3132458
Conc: 20.65 ug/ml



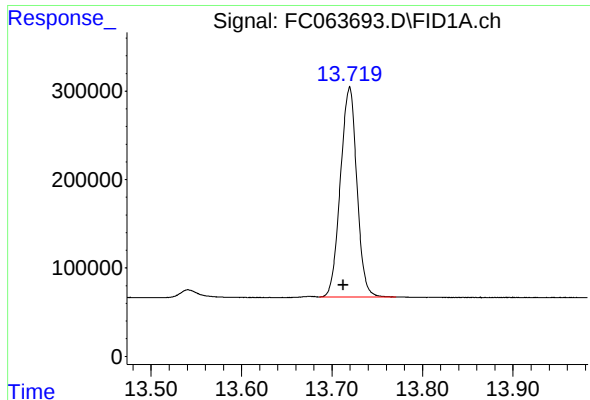
#11 n-Heneicosane (C21)

R.T.: 13.135 min
Delta R.T.: 0.006 min
Response: 3053870
Conc: 20.84 ug/ml



#12 1-chlorooctadecane (SURR)

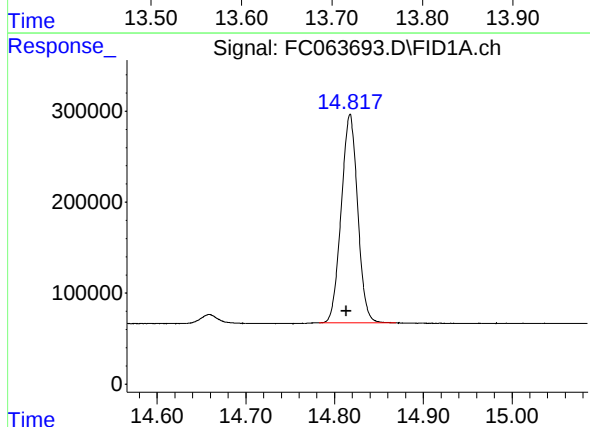
R.T.: 12.967 min
Delta R.T.: 0.007 min
Response: 2687735
Conc: 20.53 ug/ml



#13 n-Docosane (C22)

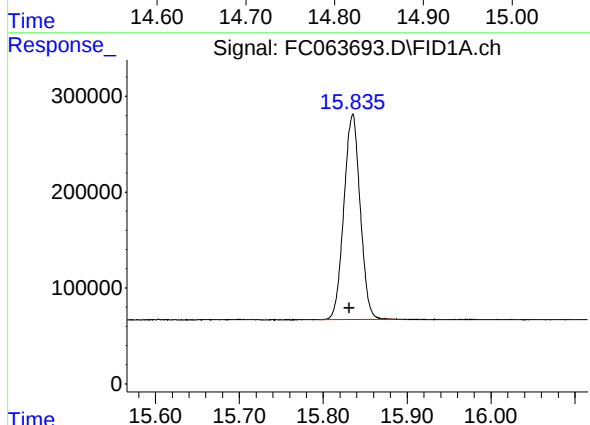
R.T.: 13.720 min
Delta R.T.: 0.007 min
Response: 2998489
Conc: 20.78 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



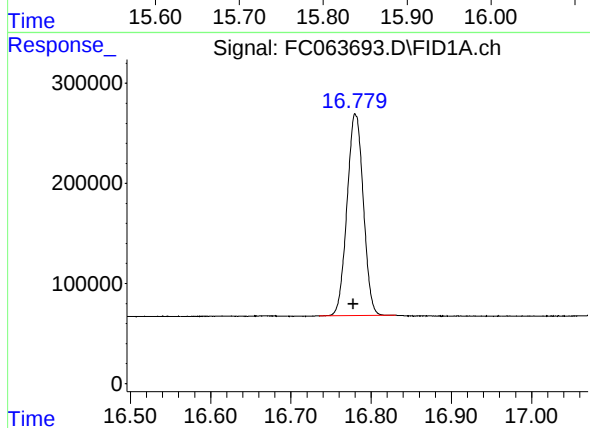
#14 n-Tetracosane (C24)

R.T.: 14.817 min
Delta R.T.: 0.004 min
Response: 2952069
Conc: 20.99 ug/ml



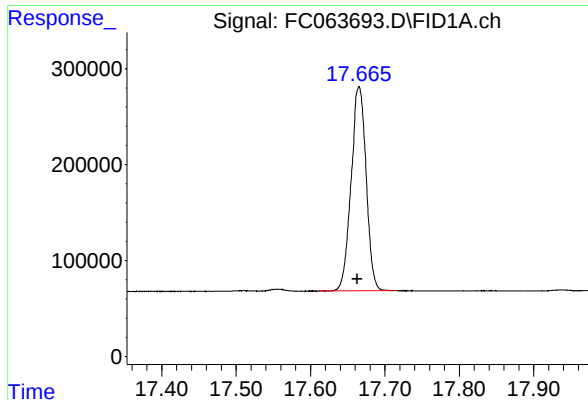
#15 n-Hexacosane (C26)

R.T.: 15.835 min
Delta R.T.: 0.004 min
Response: 2892757
Conc: 21.18 ug/ml



#16 n-Octacosane (C28)

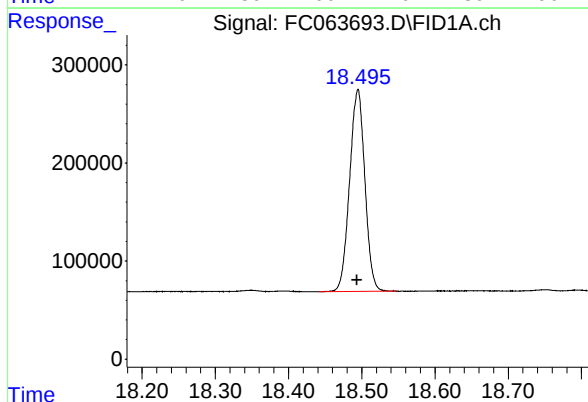
R.T.: 16.780 min
Delta R.T.: 0.003 min
Response: 2842276
Conc: 21.49 ug/ml



#17 n-Tricontane (C30)

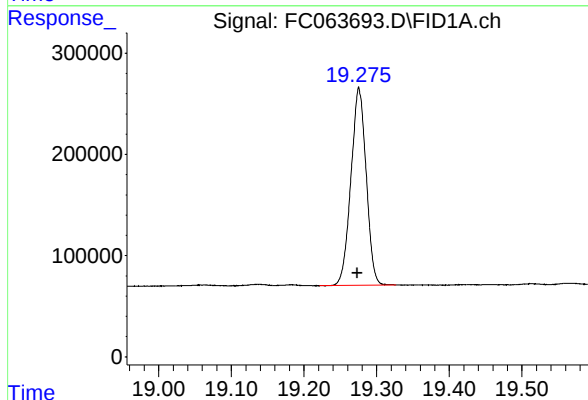
R.T.: 17.665 min
Delta R.T.: 0.003 min
Response: 2987433
Conc: 22.22 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



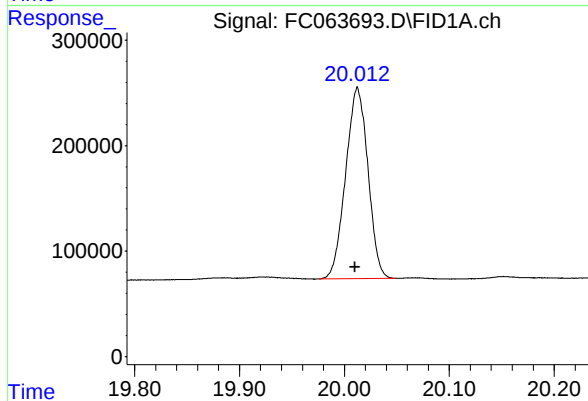
#18 n-Dotriacontane (C32)

R.T.: 18.495 min
Delta R.T.: 0.001 min
Response: 2982606
Conc: 22.34 ug/ml



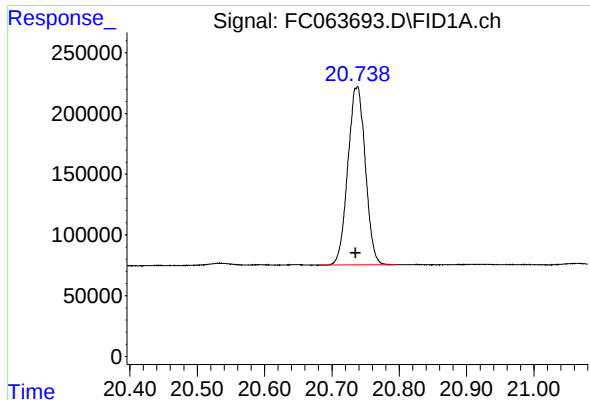
#19 n-Tetatriacontane (C34)

R.T.: 19.276 min
Delta R.T.: 0.002 min
Response: 2843667
Conc: 21.91 ug/ml



#20 n-Hexatriacontane (C36)

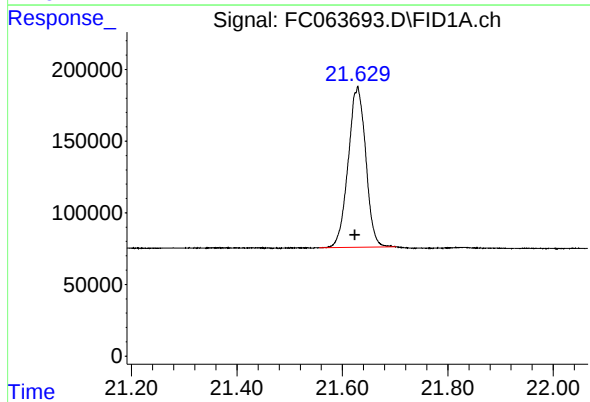
R.T.: 20.012 min
Delta R.T.: 0.002 min
Response: 2678108
Conc: 21.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.738 min
Delta R.T.: 0.002 min
Response: 2641725
Conc: 21.14 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.629 min
Delta R.T.: 0.005 min
Response: 2584641
Conc: 21.03 ug/ml