

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081224AL\
 Data File : FC066995.D
 Signal(s) : FID1A.ch
 Acq On : 12 Aug 2024 13:20
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Aug 12 14:42:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081224.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 14:38:28 2024
 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)	11.514	7273245	49.704 ug/ml
Spiked Amount 50.000		Recovery =	99.41%
12) S 1-chlorooctadecane (S...	12.952	5313138	49.874 ug/ml
Spiked Amount 50.000		Recovery =	99.75%
Target Compounds			
1) T n-Nonane (C9)	3.281	7015981	49.706 ug/ml
2) T n-Decane (C10)	4.347	7172010	49.711 ug/ml
3) T A~Naphthalene (C11.7)	5.927	7679073	49.822 ug/ml
4) T n-Dodecane (C12)	6.365	7166612	49.627 ug/ml
5) T A~2-methylnaphthalene...	6.983	7295144	49.807 ug/ml
6) T n-Tetradecane (C14)	8.159	6960960	49.663 ug/ml
7) T n-Hexadecane (C16)	9.760	7050879	49.571 ug/ml
8) T n-Octadecane (C18)	11.201	6997074	49.548 ug/ml
10) T n-Eicosane (C20)	12.509	6587444	49.673 ug/ml
11) T n-Heneicosane (C21)	13.120	6421384	49.719 ug/ml
13) T n-Docosane (C22)	13.706	6330942	49.762 ug/ml
14) T n-Tetracosane (C24)	14.808	6233919	49.790 ug/ml
15) T n-Hexacosane (C26)	15.828	6093684	49.879 ug/ml
16) T n-Octacosane (C28)	16.776	5985978	49.981 ug/ml
17) T n-Tricontane (C30)	17.664	6042699	49.965 ug/ml
18) T n-Dotriacontane (C32)	18.496	5921171	50.004 ug/ml
19) T n-Tetratriacontane (C34)	19.278	5754673	50.048 ug/ml
20) T n-Hexatriacontane (C36)	20.018	5477972	50.362 ug/ml
21) T n-Octatriacontane (C38)	20.744	5295292	50.486 ug/ml
22) T n-Tetracontane (C40)	21.636	4941639	50.658 ug/ml

(f)=RT Delta > 1/2 Window

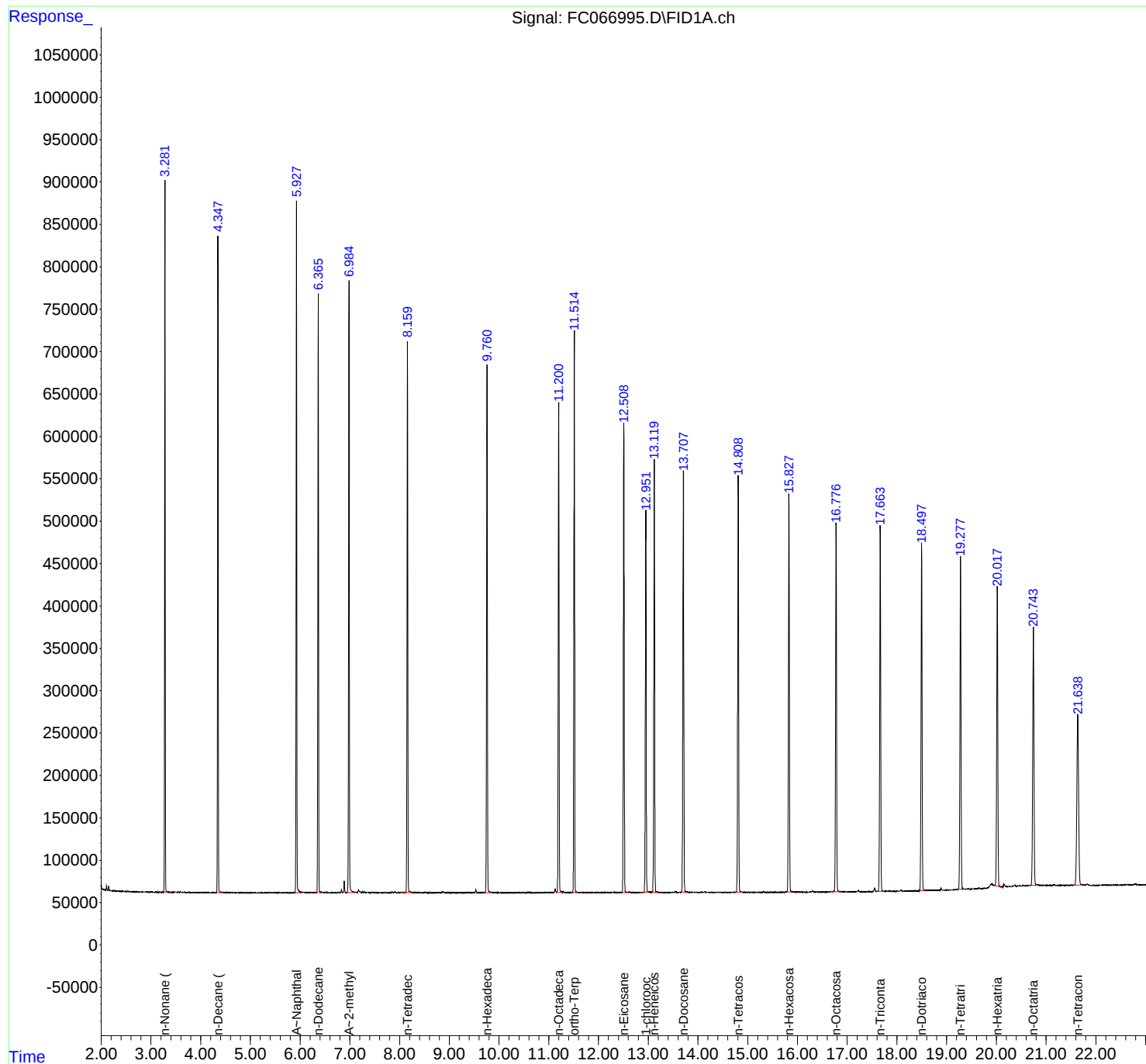
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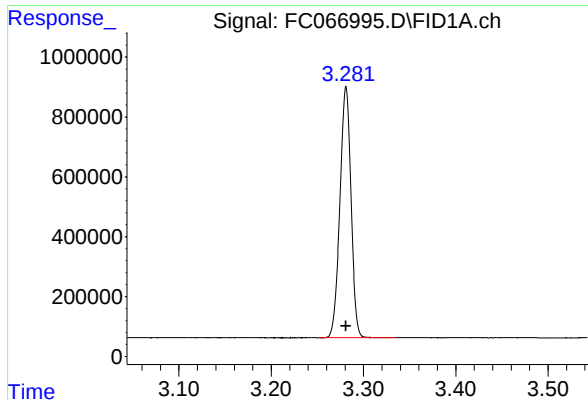
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081224AL\
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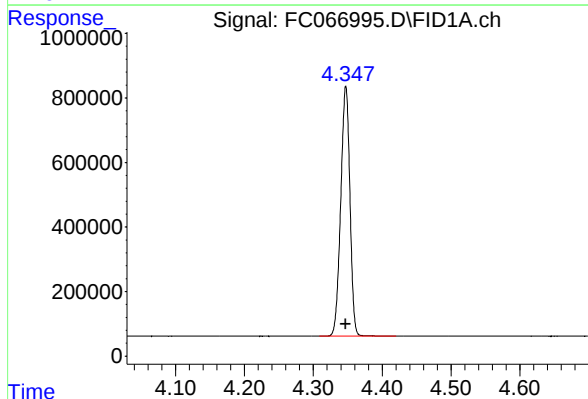




#1 n-Nonane (C9)

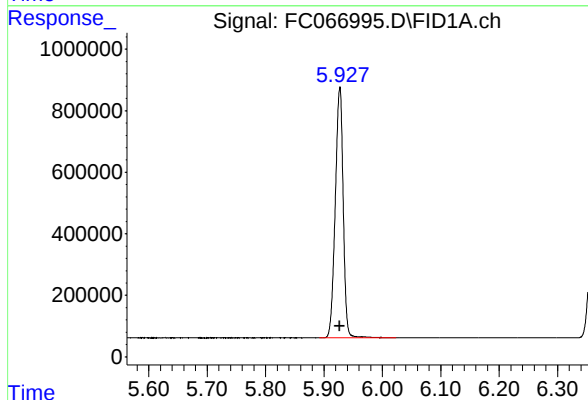
R.T.: 3.281 min
Delta R.T.: 0.000 min
Response: 7015981
Conc: 49.71 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



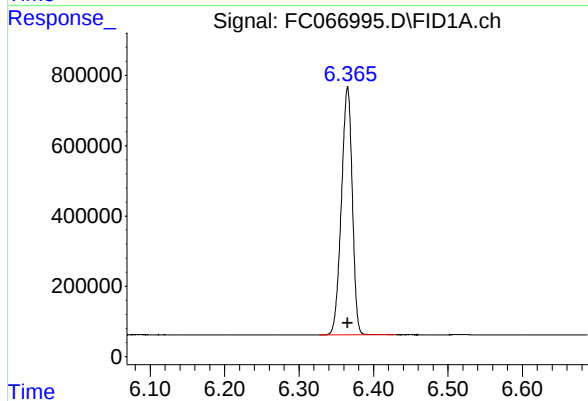
#2 n-Decane (C10)

R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 7172010
Conc: 49.71 ug/ml



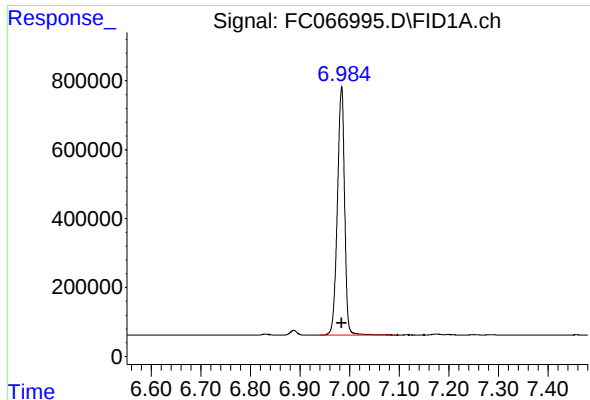
#3 A~Naphthalene (C11.7)

R.T.: 5.927 min
Delta R.T.: 0.000 min
Response: 7679073
Conc: 49.82 ug/ml



#4 n-Dodecane (C12)

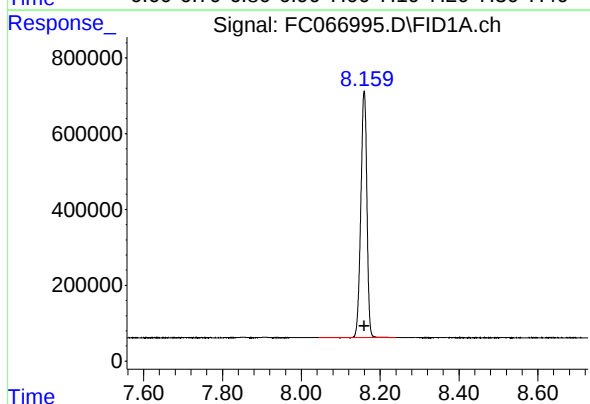
R.T.: 6.365 min
Delta R.T.: 0.000 min
Response: 7166612
Conc: 49.63 ug/ml



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

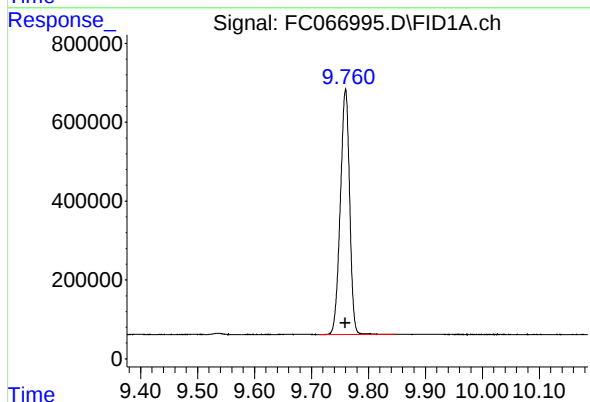
R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 7295144
Conc: 49.81 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



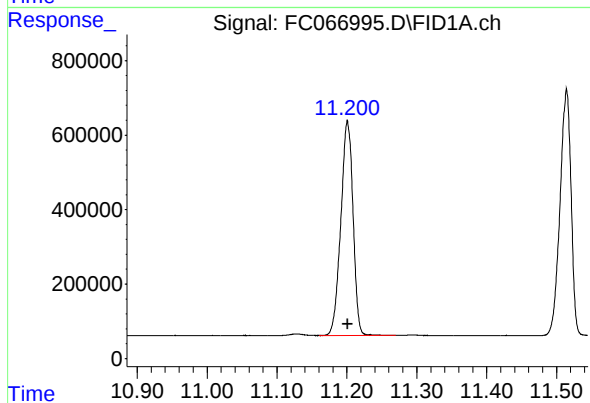
#6 n-Tetradecane (C14)

R.T.: 8.159 min
Delta R.T.: 0.000 min
Response: 6960960
Conc: 49.66 ug/ml



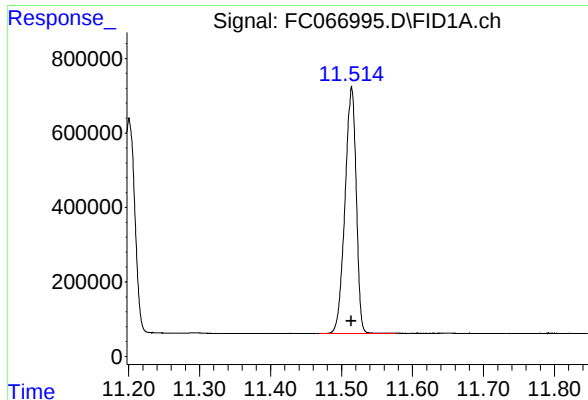
#7 n-Hexadecane (C16)

R.T.: 9.760 min
Delta R.T.: 0.000 min
Response: 7050879
Conc: 49.57 ug/ml



#8 n-Octadecane (C18)

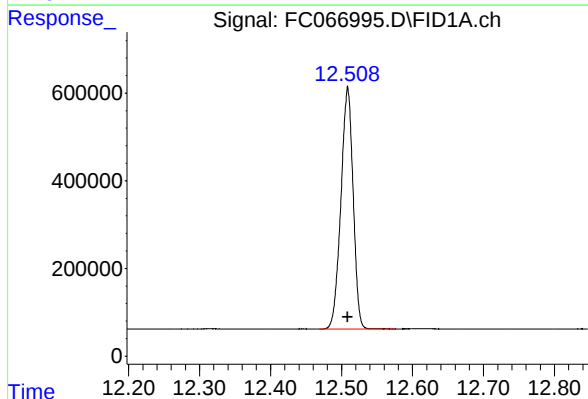
R.T.: 11.201 min
Delta R.T.: 0.000 min
Response: 6997074
Conc: 49.55 ug/ml



#9 ortho-Terphenyl (SURR)

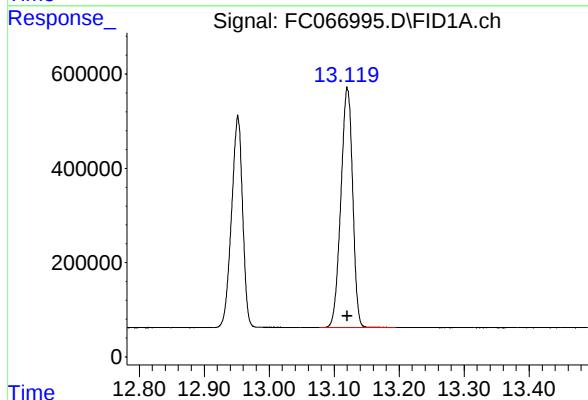
R.T.: 11.514 min
Delta R.T.: 0.000 min
Response: 7273245
Conc: 49.70 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



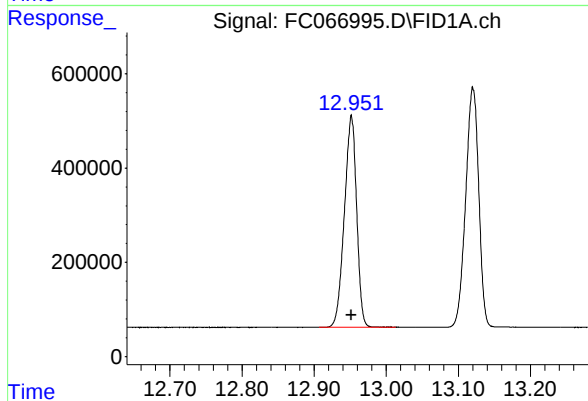
#10 n-Eicosane (C20)

R.T.: 12.509 min
Delta R.T.: 0.000 min
Response: 6587444
Conc: 49.67 ug/ml



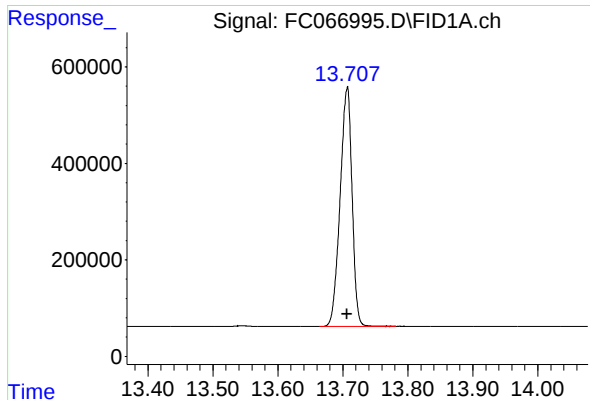
#11 n-Heneicosane (C21)

R.T.: 13.120 min
Delta R.T.: 0.000 min
Response: 6421384
Conc: 49.72 ug/ml



#12 1-chlorooctadecane (SURR)

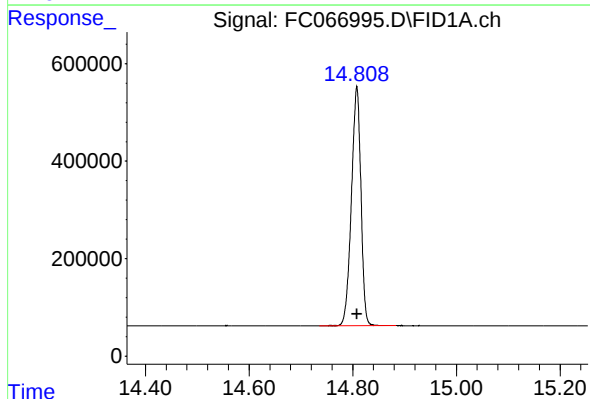
R.T.: 12.952 min
Delta R.T.: 0.000 min
Response: 5313138
Conc: 49.87 ug/ml



#13 n-Docosane (C22)

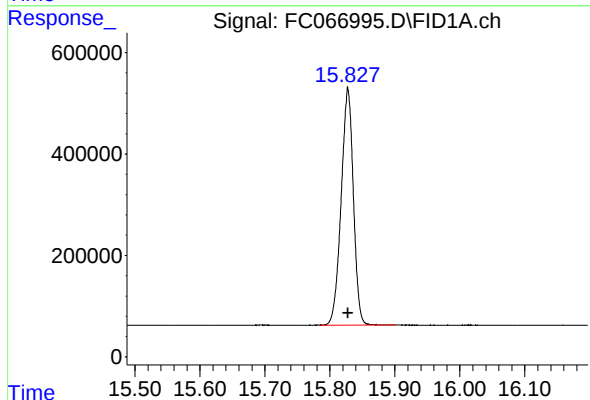
R.T.: 13.706 min
Delta R.T.: 0.000 min
Response: 6330942
Conc: 49.76 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



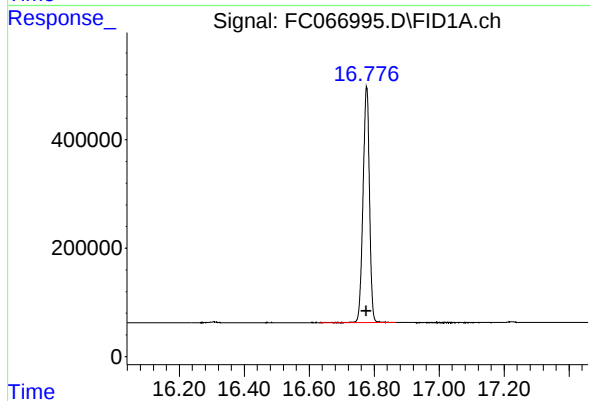
#14 n-Tetracosane (C24)

R.T.: 14.808 min
Delta R.T.: 0.000 min
Response: 6233919
Conc: 49.79 ug/ml



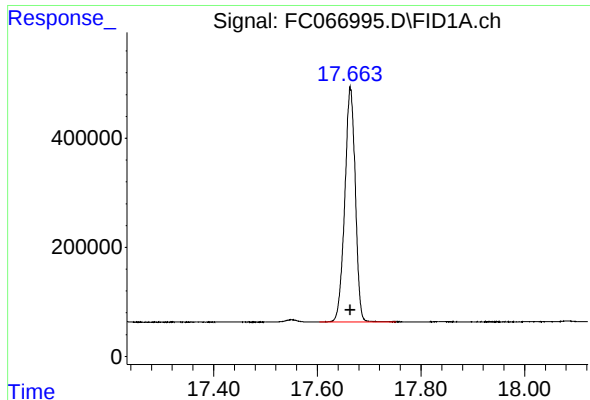
#15 n-Hexacosane (C26)

R.T.: 15.828 min
Delta R.T.: 0.000 min
Response: 6093684
Conc: 49.88 ug/ml



#16 n-Octacosane (C28)

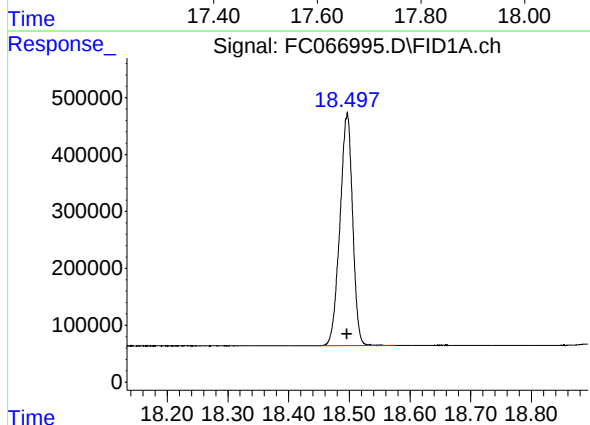
R.T.: 16.776 min
Delta R.T.: 0.000 min
Response: 5985978
Conc: 49.98 ug/ml



#17 n-Tricontane (C30)

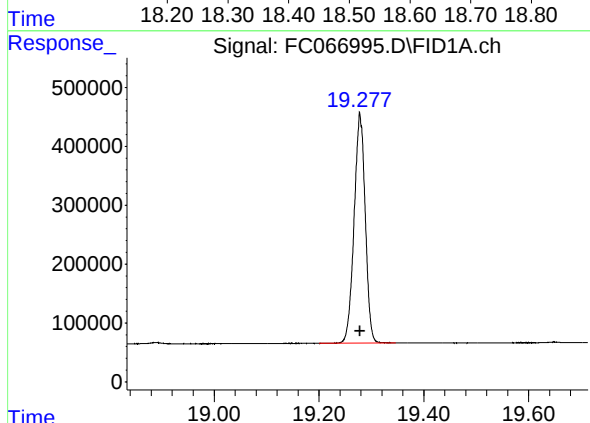
R.T.: 17.664 min
Delta R.T.: 0.000 min
Response: 6042699
Conc: 49.96 ug/ml

Instrument :
FID_C
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50 PPM ALIPHATIC HC STD2



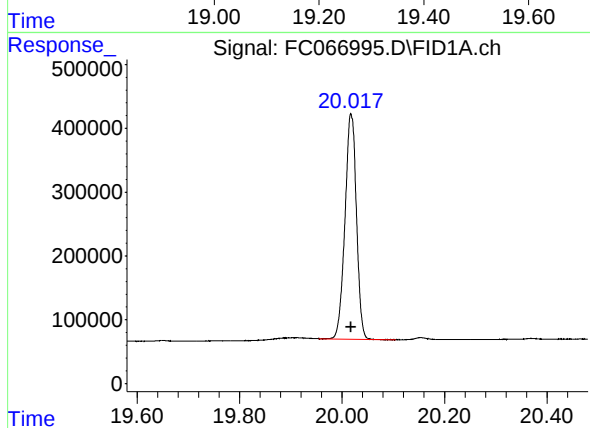
#18 n-Dotriacontane (C32)

R.T.: 18.496 min
Delta R.T.: 0.000 min
Response: 5921171
Conc: 50.00 ug/ml



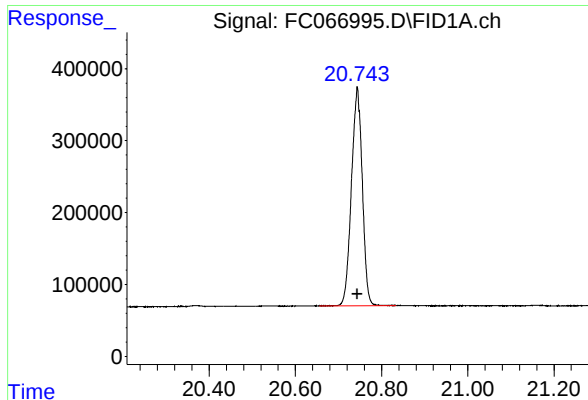
#19 n-Tetratriacontane (C34)

R.T.: 19.278 min
Delta R.T.: 0.000 min
Response: 5754673
Conc: 50.05 ug/ml



#20 n-Hexatriacontane (C36)

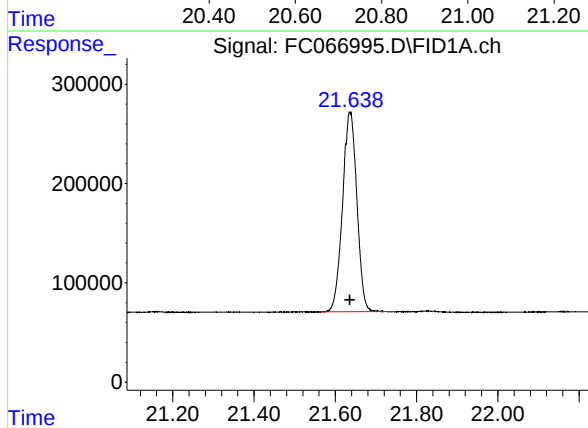
R.T.: 20.018 min
Delta R.T.: 0.000 min
Response: 5477972
Conc: 50.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.744 min
Delta R.T.: 0.000 min
Response: 5295292
Conc: 50.49 ug/ml

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FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.636 min
Delta R.T.: 0.000 min
Response: 4941639
Conc: 50.66 ug/ml