

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060823AL\
 Data File : FC063797.D
 Signal(s) : FID1A.ch
 Acq On : 08 Jun 2023 22:18
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 09 01:27:55 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)	11.534	3249087	17.805 ug/ml
Spiked Amount 50.000		Recovery =	35.61%
12) S 1-chlorooctadecane (S...	12.970	2326748	18.210 ug/ml
Spiked Amount 50.000		Recovery =	36.42%
Target Compounds			
1) T n-Nonane (C9)	3.313	2953083	18.528 ug/ml
2) T n-Decane (C10)	4.376	2999728	18.557 ug/ml
3) T A~Naphthalene (C11.7)	5.958	3058242	17.604 ug/ml
4) T n-Dodecane (C12)	6.391	2973952	18.188 ug/ml
5) T A~2-methylnaphthalene...	7.014	2932536	17.901 ug/ml
6) T n-Tetradecane (C14)	8.184	2860077	18.186 ug/ml
7) T n-Hexadecane (C16)	9.782	2885593	18.132 ug/ml
8) T n-Octadecane (C18)	11.220	2861974	18.088 ug/ml
10) T n-Eicosane (C20)	12.526	2703872	18.283 ug/ml
11) T n-Heneicosane (C21)	13.137	2628920	18.263 ug/ml
13) T n-Docosane (C22)	13.721	2586517	18.361 ug/ml
14) T n-Tetracosane (C24)	14.820	2539937	18.510 ug/ml
15) T n-Hexacosane (C26)	15.838	2489652	18.777 ug/ml
16) T n-Octacosane (C28)	16.786	2473592	19.481 ug/ml
17) T n-Tricontane (C30)	17.670	2611805	20.443 ug/ml
18) T n-Dotriacontane (C32)	18.500	2644470	21.252 ug/ml
19) T n-Tetratriacontane (C34)	19.281	2563094	20.788 ug/ml
20) T n-Hexatriacontane (C36)	20.019	2454593	20.451 ug/ml
21) T n-Octatriacontane (C38)	20.745	2436105	20.178 ug/ml
22) T n-Tetracontane (C40)	21.636	2386438	19.695 ug/ml

(f)=RT Delta > 1/2 Window

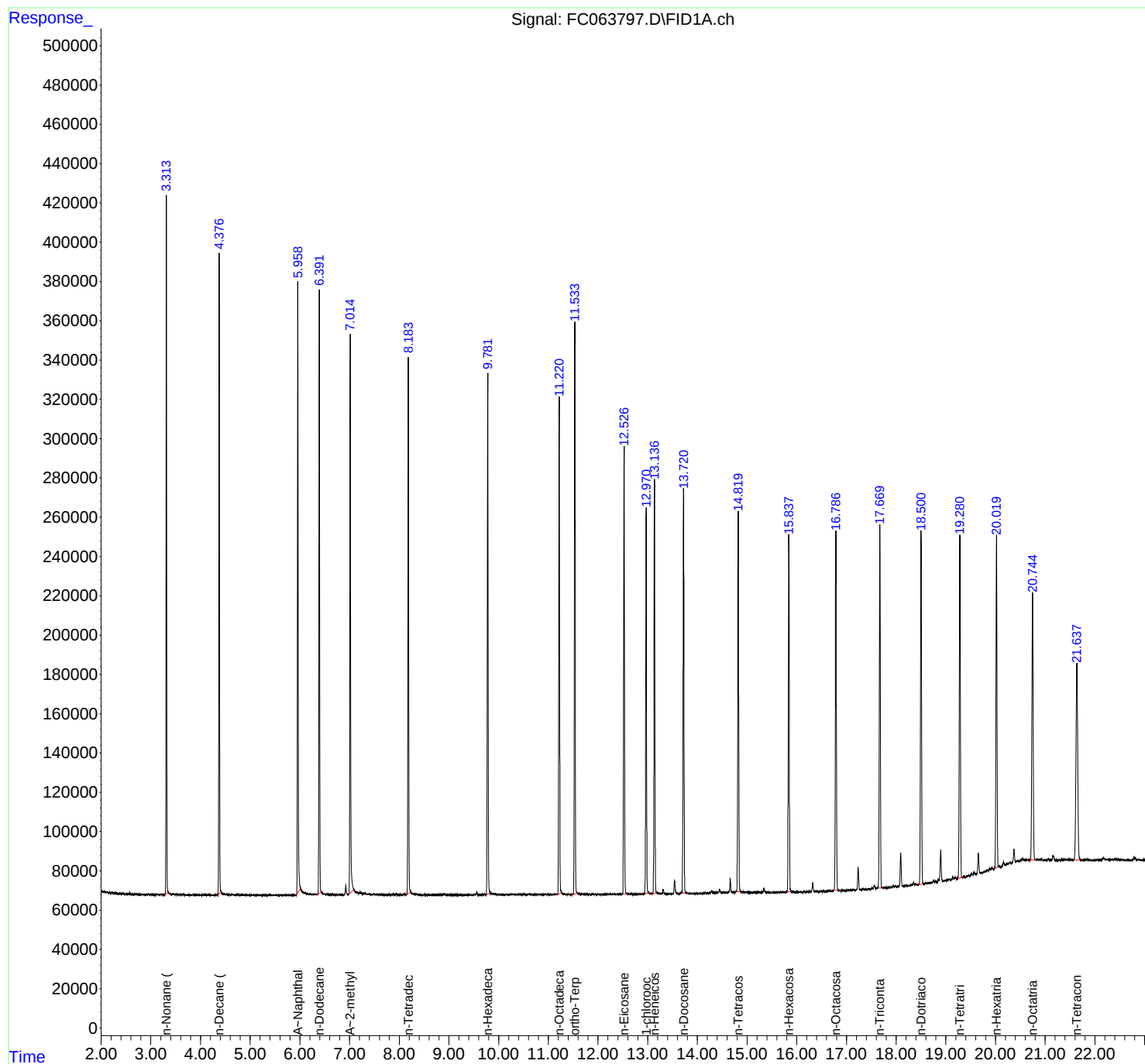
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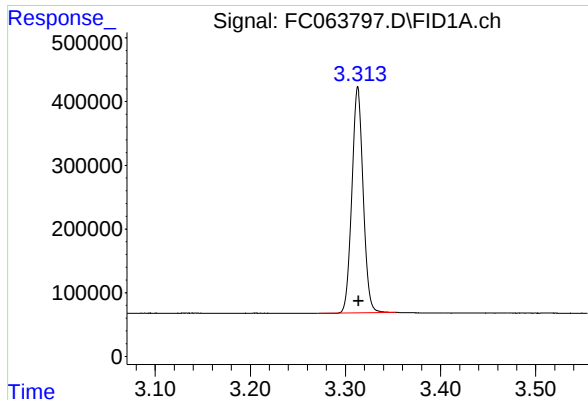
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060823AL\
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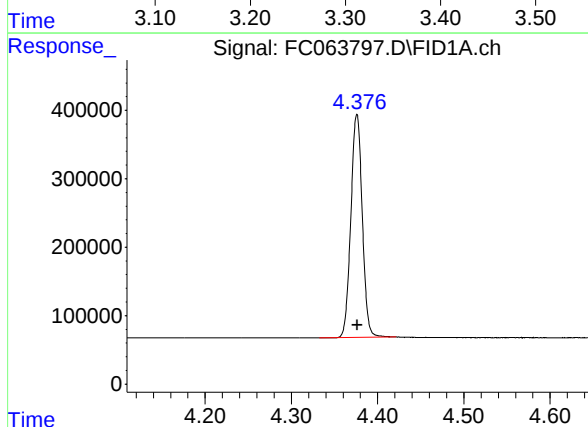




#1 n-Nonane (C9)

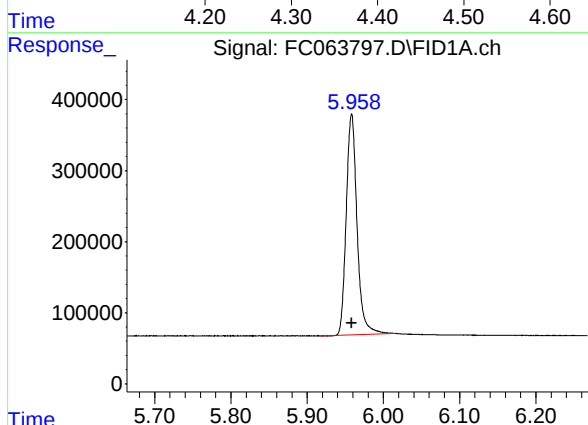
R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 2953083
Conc: 18.53 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



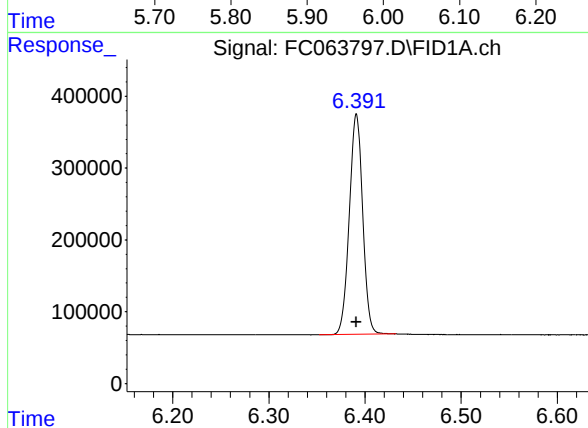
#2 n-Decane (C10)

R.T.: 4.376 min
Delta R.T.: 0.000 min
Response: 2999728
Conc: 18.56 ug/ml



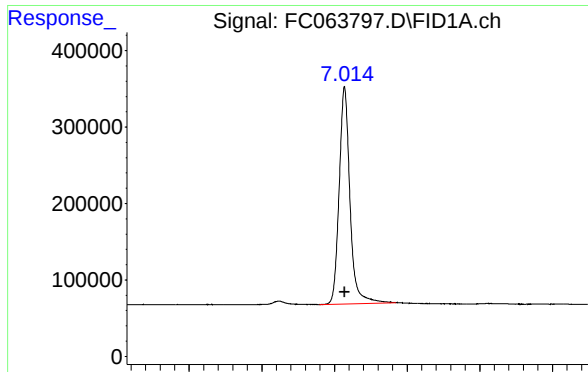
#3 A~Naphthalene (C11.7)

R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 3058242
Conc: 17.60 ug/ml



#4 n-Dodecane (C12)

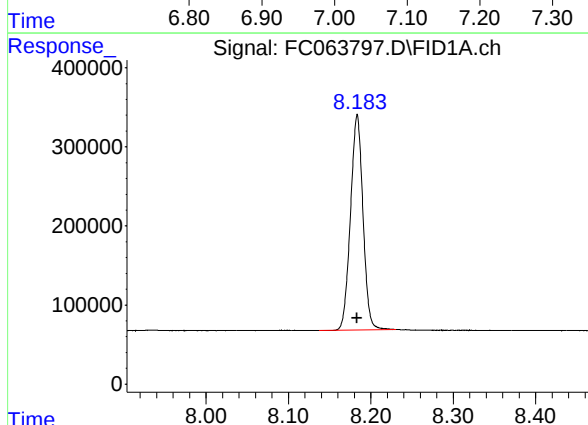
R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 2973952
Conc: 18.19 ug/ml



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

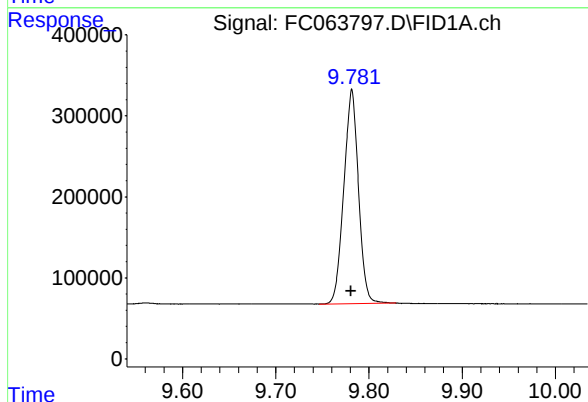
R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 2932536
Conc: 17.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



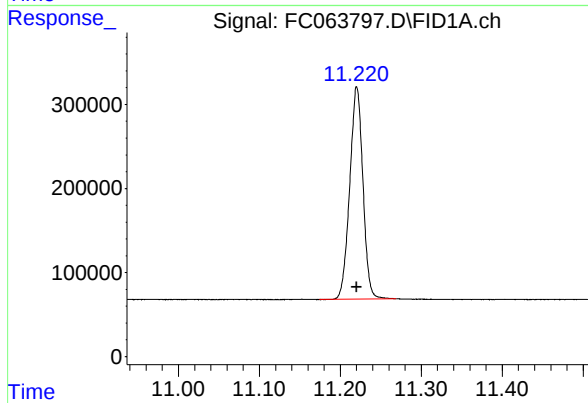
#6 n-Tetradecane (C14)

R.T.: 8.184 min
Delta R.T.: 0.000 min
Response: 2860077
Conc: 18.19 ug/ml



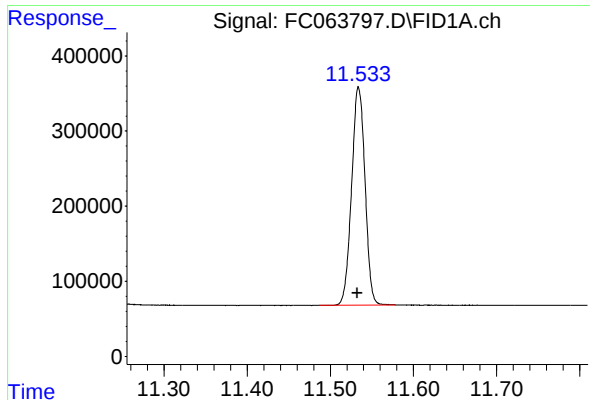
#7 n-Hexadecane (C16)

R.T.: 9.782 min
Delta R.T.: 0.000 min
Response: 2885593
Conc: 18.13 ug/ml



#8 n-Octadecane (C18)

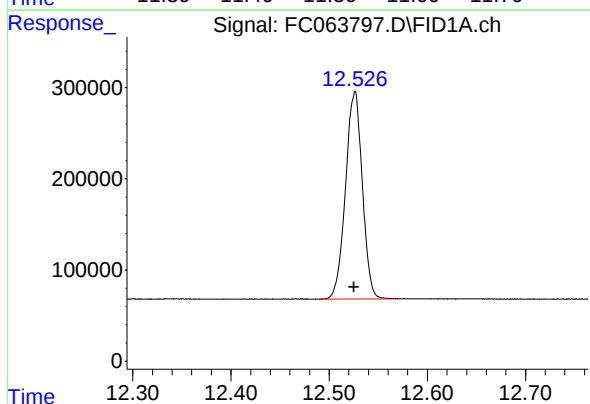
R.T.: 11.220 min
Delta R.T.: 0.000 min
Response: 2861974
Conc: 18.09 ug/ml



#9 ortho-Terphenyl (SURR)

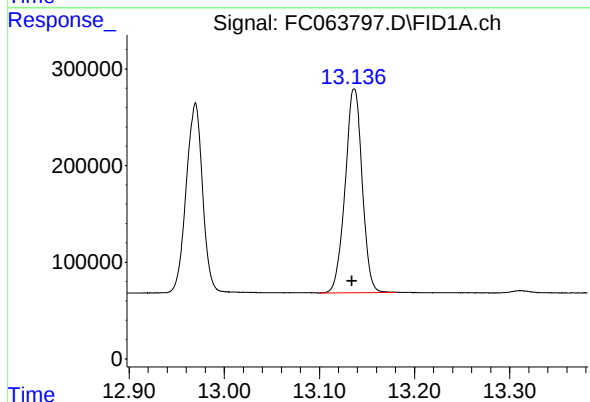
R.T.: 11.534 min
Delta R.T.: 0.001 min
Response: 3249087
Conc: 17.80 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



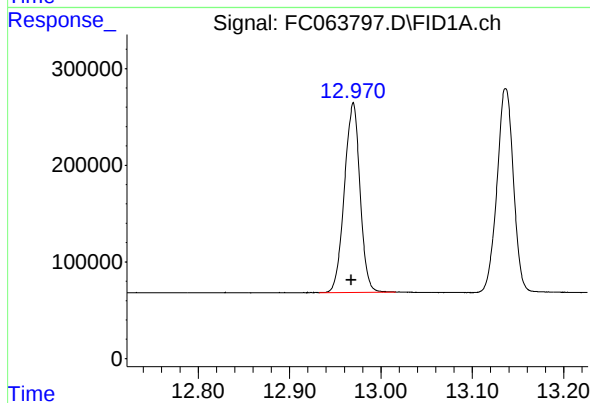
#10 n-Eicosane (C20)

R.T.: 12.526 min
Delta R.T.: 0.001 min
Response: 2703872
Conc: 18.28 ug/ml



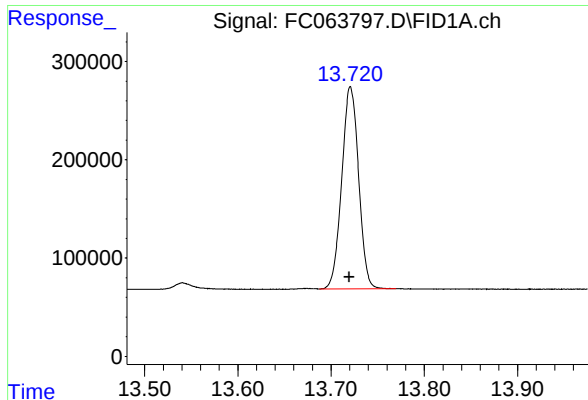
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: 0.002 min
Response: 2628920
Conc: 18.26 ug/ml



#12 1-chlorooctadecane (SURR)

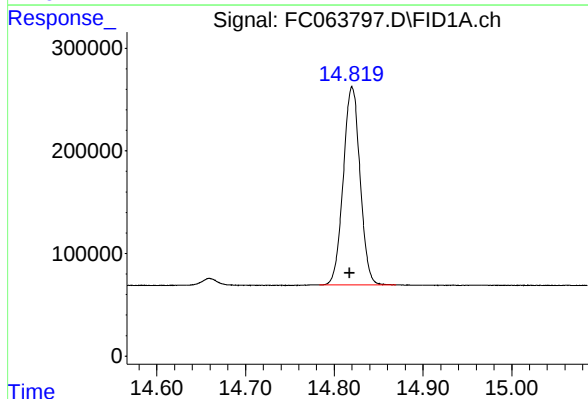
R.T.: 12.970 min
Delta R.T.: 0.002 min
Response: 2326748
Conc: 18.21 ug/ml



#13 n-Docosane (C22)

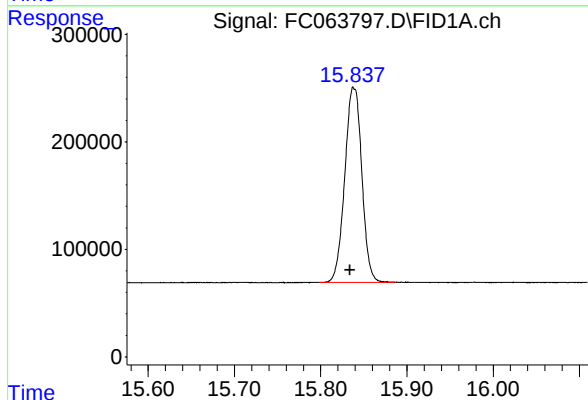
R.T.: 13.721 min
Delta R.T.: 0.001 min
Response: 2586517
Conc: 18.36 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



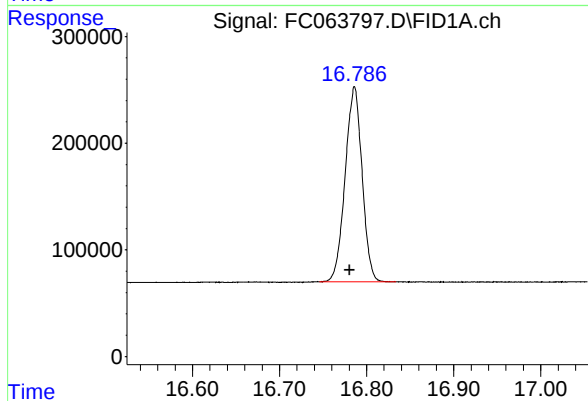
#14 n-Tetracosane (C24)

R.T.: 14.820 min
Delta R.T.: 0.003 min
Response: 2539937
Conc: 18.51 ug/ml



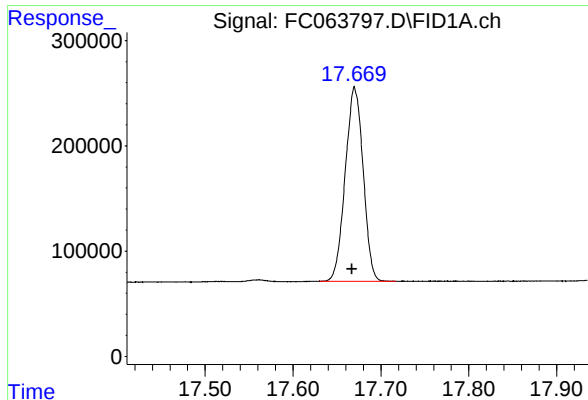
#15 n-Hexacosane (C26)

R.T.: 15.838 min
Delta R.T.: 0.004 min
Response: 2489652
Conc: 18.78 ug/ml



#16 n-Octacosane (C28)

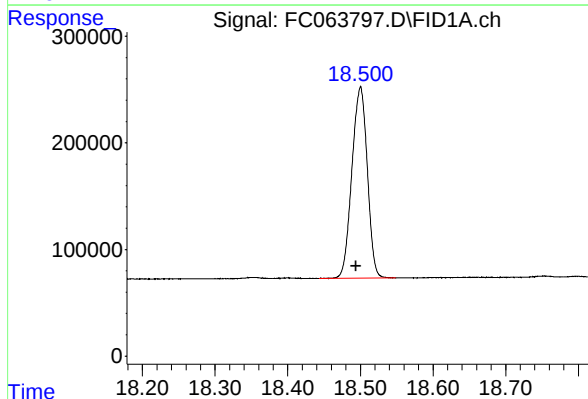
R.T.: 16.786 min
Delta R.T.: 0.005 min
Response: 2473592
Conc: 19.48 ug/ml



#17 n-Tricontane (C30)

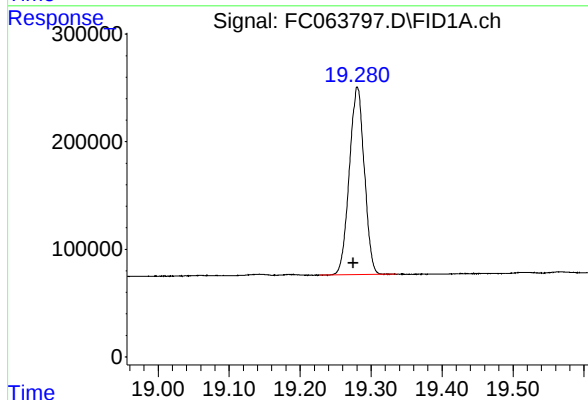
R.T.: 17.670 min
Delta R.T.: 0.003 min
Response: 2611805
Conc: 20.44 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



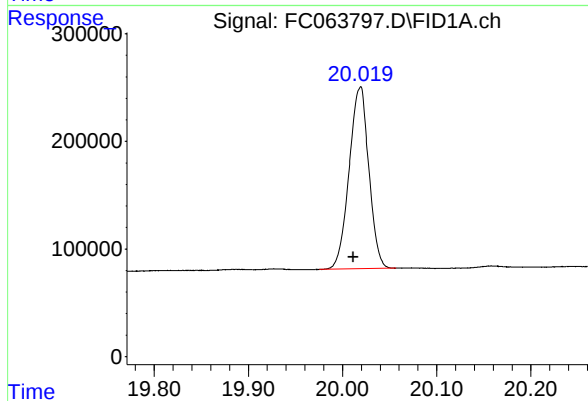
#18 n-Dotriacontane (C32)

R.T.: 18.500 min
Delta R.T.: 0.006 min
Response: 2644470
Conc: 21.25 ug/ml



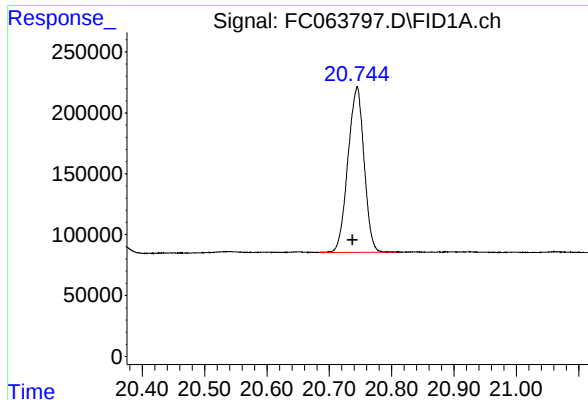
#19 n-Tetratriacontane (C34)

R.T.: 19.281 min
Delta R.T.: 0.006 min
Response: 2563094
Conc: 20.79 ug/ml



#20 n-Hexatriacontane (C36)

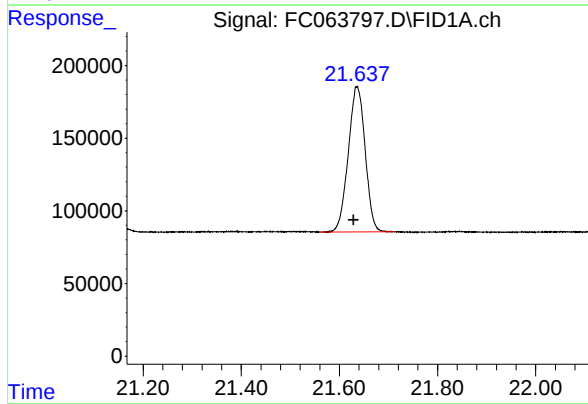
R.T.: 20.019 min
Delta R.T.: 0.007 min
Response: 2454593
Conc: 20.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.745 min
Delta R.T.: 0.007 min
Response: 2436105
Conc: 20.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.636 min
Delta R.T.: 0.006 min
Response: 2386438
Conc: 19.69 ug/ml