

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030923AL\
 Data File : FC063124.D
 Signal(s) : FID1A.ch
 Acq On : 09 Mar 2023 13:26
 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: Mar 10 00:21:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022223.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:36:00 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)	11.537	2684135	20.679 ug/ml
Spiked Amount 50.000		Recovery =	41.36%
12) S 1-chlorooctadecane (S...	12.975	2030011	20.810 ug/ml
Spiked Amount 50.000		Recovery =	41.62%
Target Compounds			
1) T n-Nonane (C9)	3.292	2476514	20.889 ug/ml
2) T n-Decane (C10)	4.362	2427485	21.051 ug/ml
3) T A~Naphthalene (C11.7)	5.948	2679048	20.948 ug/ml
4) T n-Dodecane (C12)	6.385	2432692	21.067 ug/ml
5) T A~2-methylnaphthalene...	7.006	2503345	21.268 ug/ml
6) T n-Tetradecane (C14)	8.180	2399227	21.229 ug/ml
7) T n-Hexadecane (C16)	9.783	2423331	21.066 ug/ml
8) T n-Octadecane (C18)	11.223	2441570	20.962 ug/ml
10) T n-Eicosane (C20)	12.532	2382504	20.909 ug/ml
11) T n-Heneicosane (C21)	13.143	2384731	20.925 ug/ml
13) T n-Docosane (C22)	13.729	2350776	20.843 ug/ml
14) T n-Tetracosane (C24)	14.830	2371580	21.163 ug/ml
15) T n-Hexacosane (C26)	15.849	2362198	21.360 ug/ml
16) T n-Octacosane (C28)	16.798	2378875	21.620 ug/ml
17) T n-Tricontane (C30)	17.684	2419209	21.968 ug/ml
18) T n-Dotriacontane (C32)	18.515	2468888	22.121 ug/ml
19) T n-Tetratriacontane (C34)	19.298	2437896	21.813 ug/ml
20) T n-Hexatriacontane (C36)	20.033	2340651	21.562 ug/ml
21) T n-Octatriacontane (C38)	20.765	2329272	21.435 ug/ml
22) T n-Tetracontane (C40)	21.663	2316310	21.291 ug/ml

(f)=RT Delta > 1/2 Window

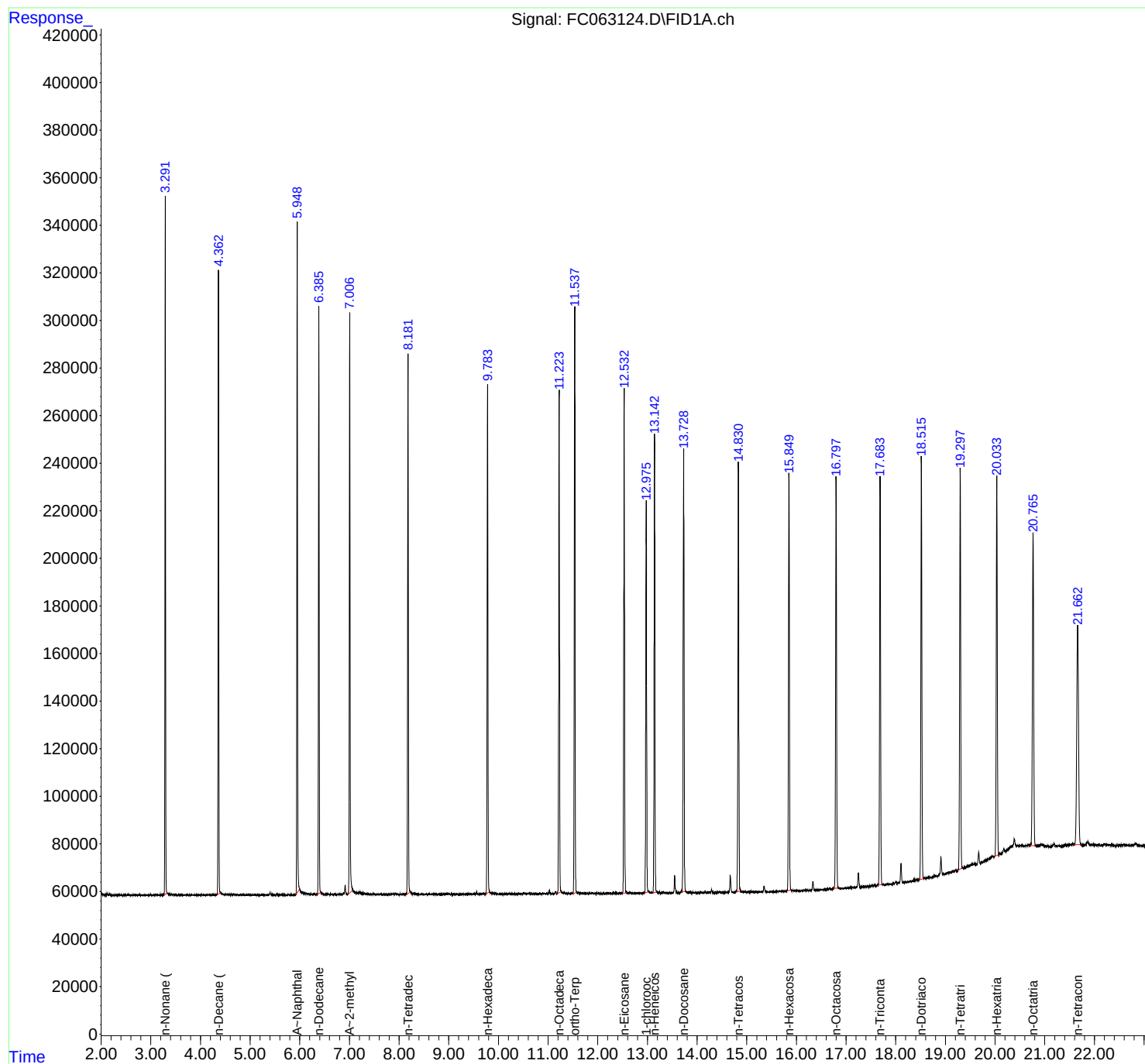
(m)=manual int.

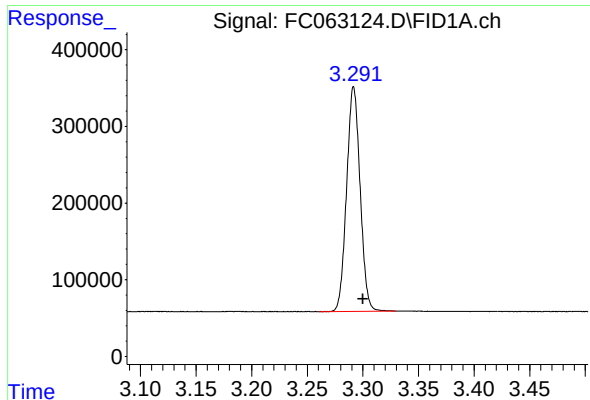
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030923AL\
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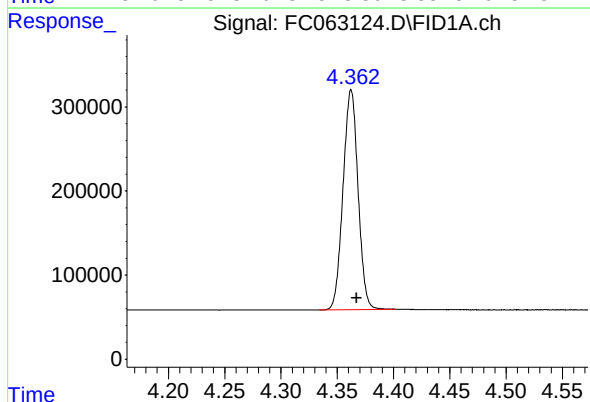




#1 n-Nonane (C9)

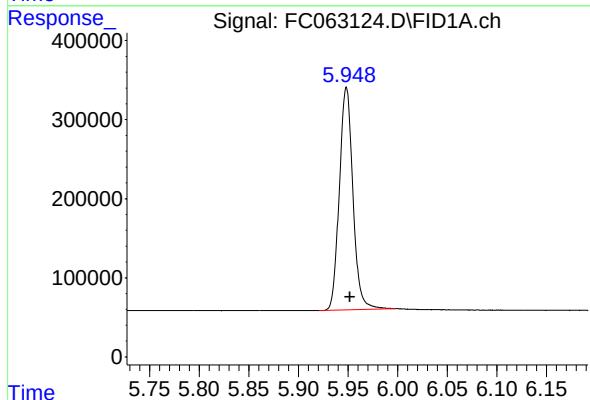
R.T.: 3.292 min
Delta R.T.: -0.008 min
Response: 2476514
Conc: 20.89 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



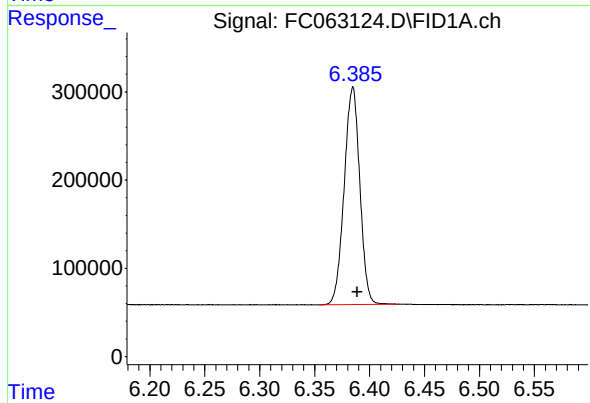
#2 n-Decane (C10)

R.T.: 4.362 min
Delta R.T.: -0.005 min
Response: 2427485
Conc: 21.05 ug/ml



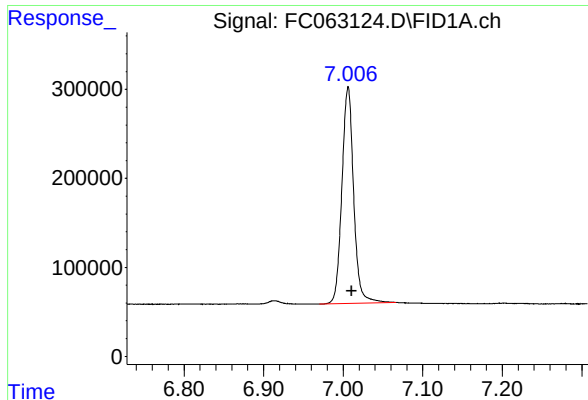
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 2679048
Conc: 20.95 ug/ml



#4 n-Dodecane (C12)

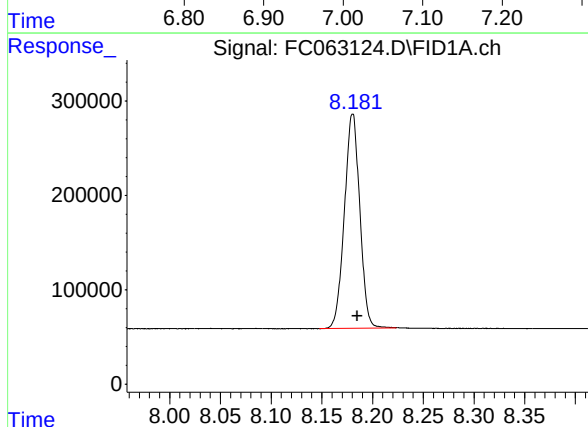
R.T.: 6.385 min
Delta R.T.: -0.004 min
Response: 2432692
Conc: 21.07 ug/ml



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

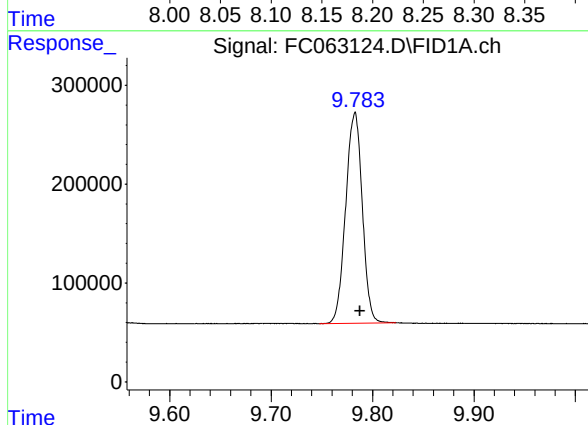
R.T.: 7.006 min
Delta R.T.: -0.004 min
Response: 2503345
Conc: 21.27 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



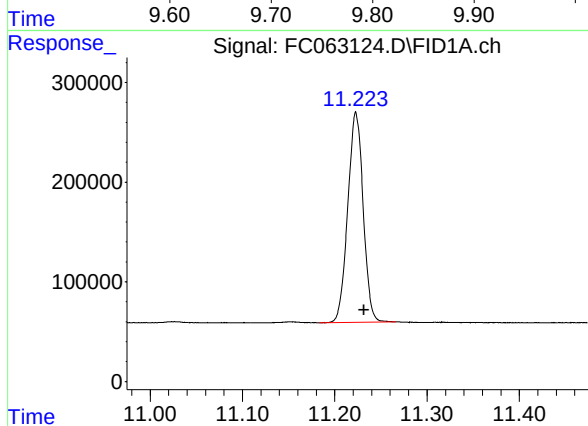
#6 n-Tetradecane (C14)

R.T.: 8.180 min
Delta R.T.: -0.005 min
Response: 2399227
Conc: 21.23 ug/ml



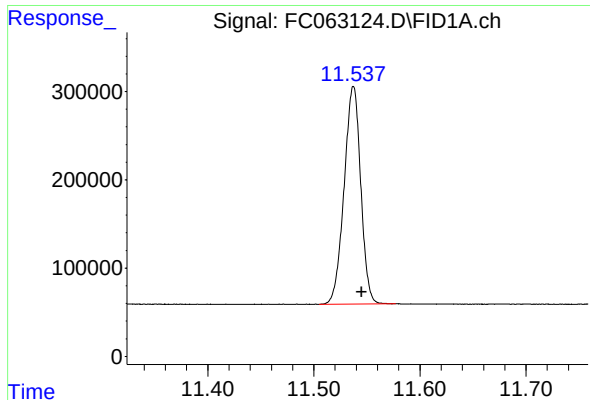
#7 n-Hexadecane (C16)

R.T.: 9.783 min
Delta R.T.: -0.005 min
Response: 2423331
Conc: 21.07 ug/ml



#8 n-Octadecane (C18)

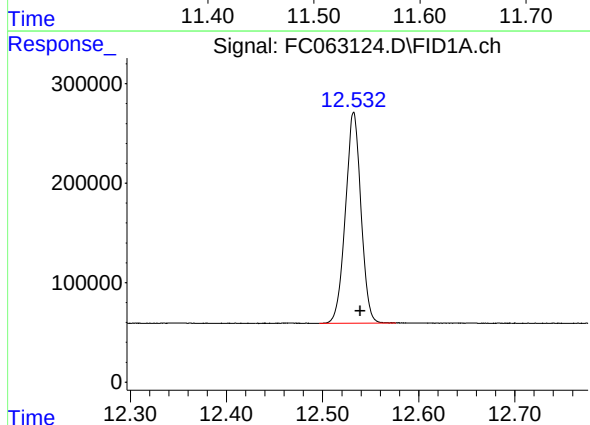
R.T.: 11.223 min
Delta R.T.: -0.009 min
Response: 2441570
Conc: 20.96 ug/ml



#9 ortho-Terphenyl (SURR)

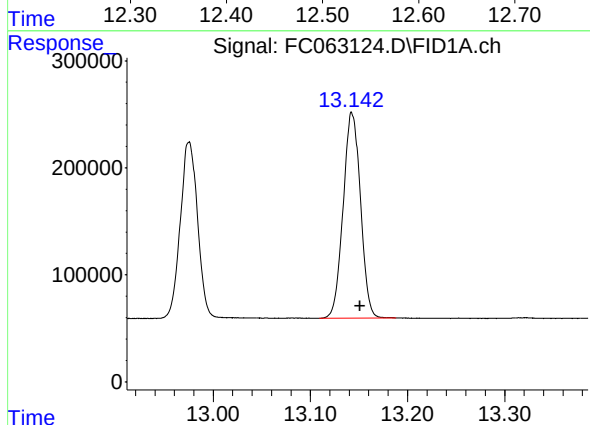
R.T.: 11.537 min
Delta R.T.: -0.008 min
Response: 2684135
Conc: 20.68 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



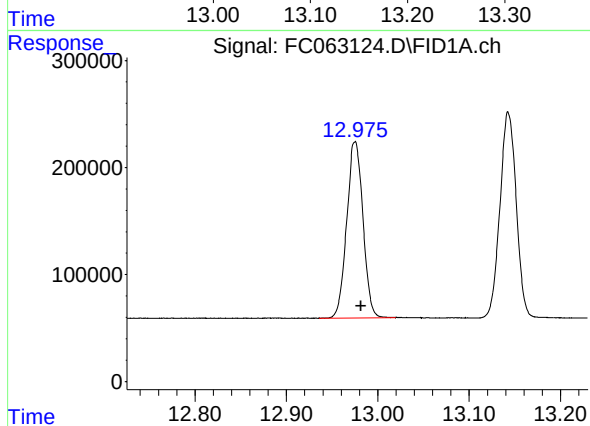
#10 n-Eicosane (C20)

R.T.: 12.532 min
Delta R.T.: -0.007 min
Response: 2382504
Conc: 20.91 ug/ml



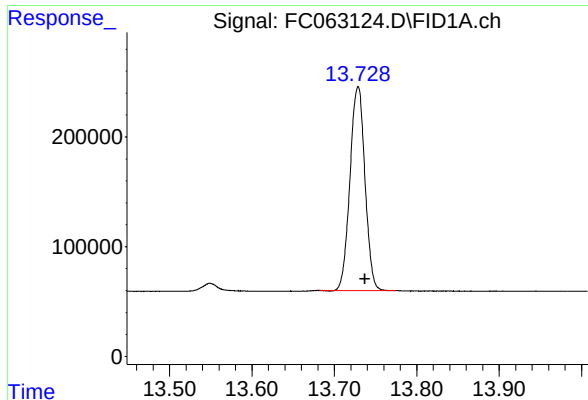
#11 n-Heneicosane (C21)

R.T.: 13.143 min
Delta R.T.: -0.008 min
Response: 2384731
Conc: 20.93 ug/ml



#12 1-chlorooctadecane (SURR)

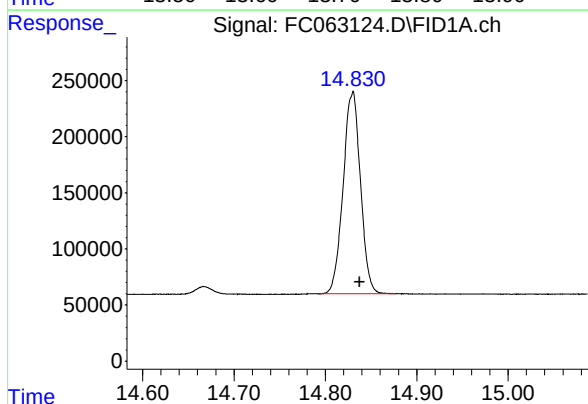
R.T.: 12.975 min
Delta R.T.: -0.007 min
Response: 2030011
Conc: 20.81 ug/ml



#13 n-Docosane (C22)

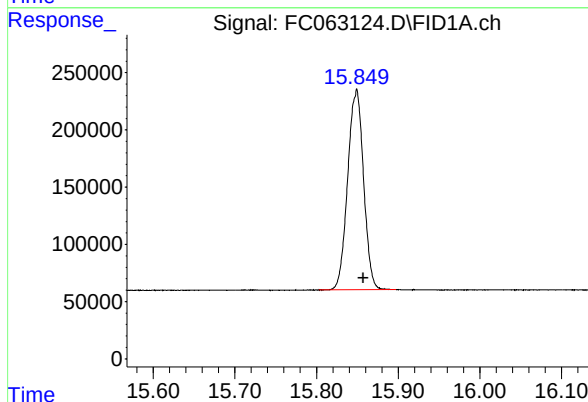
R.T.: 13.729 min
Delta R.T.: -0.008 min
Response: 2350776
Conc: 20.84 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



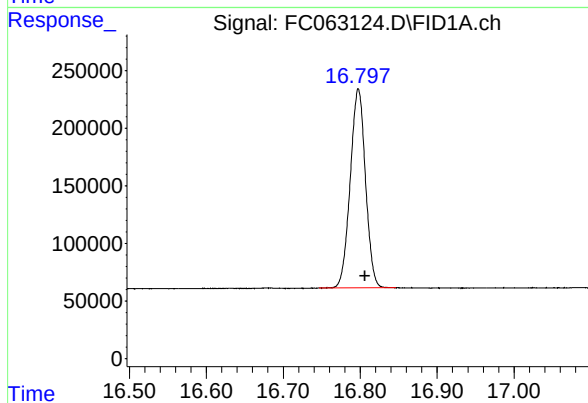
#14 n-Tetracosane (C24)

R.T.: 14.830 min
Delta R.T.: -0.008 min
Response: 2371580
Conc: 21.16 ug/ml



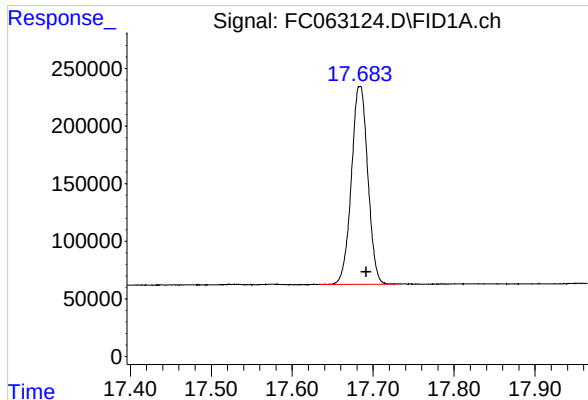
#15 n-Hexacosane (C26)

R.T.: 15.849 min
Delta R.T.: -0.008 min
Response: 2362198
Conc: 21.36 ug/ml



#16 n-Octacosane (C28)

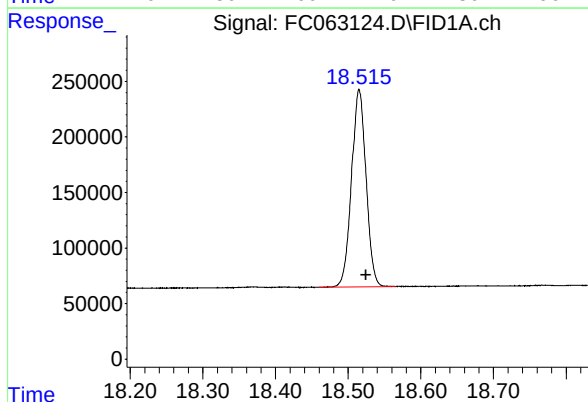
R.T.: 16.798 min
Delta R.T.: -0.008 min
Response: 2378875
Conc: 21.62 ug/ml



#17 n-Tricontane (C30)

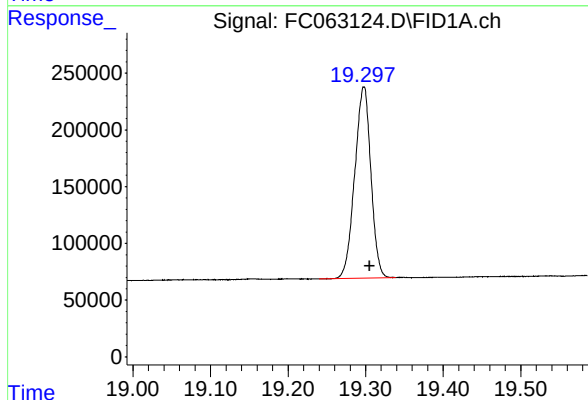
R.T.: 17.684 min
Delta R.T.: -0.008 min
Response: 2419209
Conc: 21.97 ug/ml

Instrument :
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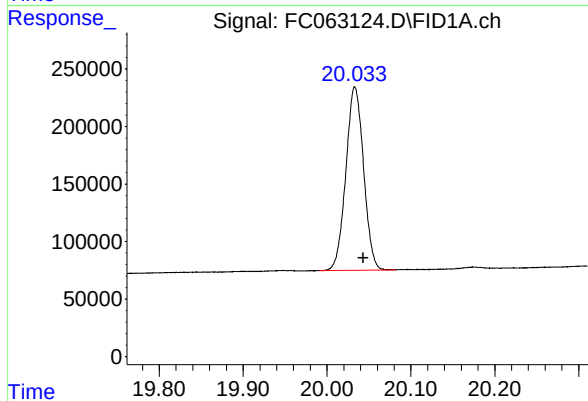
#18 n-Dotriacontane (C32)

R.T.: 18.515 min
Delta R.T.: -0.010 min
Response: 2468888
Conc: 22.12 ug/ml



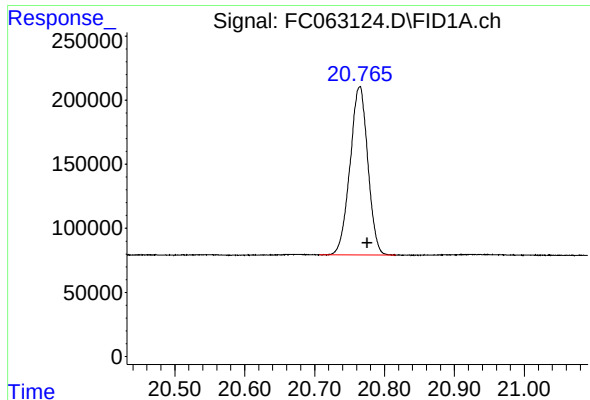
#19 n-Tetatriacontane (C34)

R.T.: 19.298 min
Delta R.T.: -0.007 min
Response: 2437896
Conc: 21.81 ug/ml



#20 n-Hexatriacontane (C36)

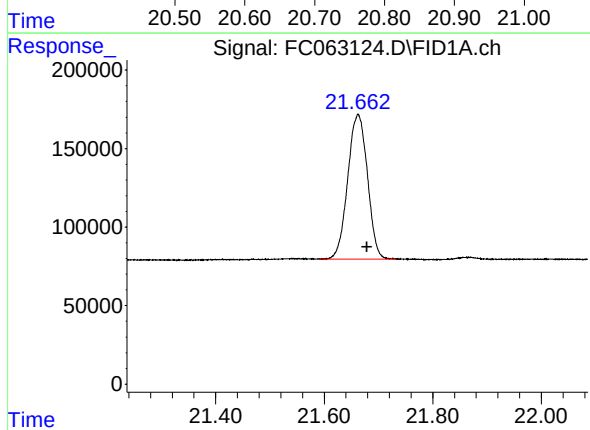
R.T.: 20.033 min
Delta R.T.: -0.010 min
Response: 2340651
Conc: 21.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.765 min
Delta R.T.: -0.011 min
Response: 2329272
Conc: 21.44 ug/ml

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FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.663 min
Delta R.T.: -0.016 min
Response: 2316310
Conc: 21.29 ug/ml